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United States
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Plant Inventory No. 192

Agricultural
Research
Service

Plant Material Introduced
January 1 to December 31, 1984
(Nos. 483097 to 494127)



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Plant Inventory No. 192 is a historical record of accessioned plant germplasm; it is not a listing of plant material for distribution. Questions about data organization and proper plant identification in this inventory should be directed to the authors.

Thanks are expressed to the following persons associated with the Plant Introduction Office for their contributions to Plant Inventory No. 192: L.G. Garner and R. A. Norris for continued excellence in handling all aspects of the computer system operation; and S. Kenworthy for coordinating PI and associated records and correspondence. Assistance by J. Mowder, Database Management Unit, with software and hardware problems is appreciated. Services performed by the University of Maryland were provided through a cooperative agreement.

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ARS has no additional copies for free distribution.

Issued June 1985

483097. *Oryza sativa* L. (Poaceae) Rice.

From United States. Donated by Tseng, S.T.; California Co-operative Rice Research Foundation, Inc., Rice Experiment Station; Biggs, California. Received through release by Rice Res. Foundation, Univ. of California, and USDA-ARS. Received January 1984.

'L-202'. United States. 723761/7232278//76H3588. Pure line selection. Plants 82cm tall, photoperiod non-sensitive, early maturing with heading in 93 days, long grain type. Leaves and hulls glabrous. Heads awnless. Adaptability similar to that of 'M-201'. Endosperm colorless, non-glutinous, non-aromatic, with amylose content of 25.6 to 26.6 percent. Starch has intermediate gelatinization. Grain acceptable for both domestic and export markets. Cultivar. Seed.

483098 TO 483105. *Punica granatum* L. (Punicaceae) Pomegranate.

From Iran. Donated by Cochran, L.C.; Safiabad Research Center, Development and Resources Corporation; Andimeshk, Iran. Received January 1982.

- 483098. Alk Pust Ghermez Saveh. Iran. Saveh. Red peel type. Cultivated. Cuttings.
- 483099. Dorosht 5 Hahanshahi Khorramabad. Iran. Khorramabad. Large fruited type. Cultivated. Cuttings.
- 483100. Entek Habi Saveh. Iran. Saveh. Cultivated. Cuttings.
- 483101. Mahali Dezful. Iran. Dezful. Local type. Cultivated. Cuttings.
- 483102. Shirin Pust Ghermez Saveh. Iran. Saveh. Sweet red peel type. Cultivated. Cuttings.
- 483103. Shirin Pust Sياهو. Iran. Sياهو. Sweet peel type. Cultivated. Cuttings.
- 483104. Shirin Yazd. Iran. Yazd. Sweet type. Cultivated. Cuttings.
- 483105. Tabestani Malas Biranden Saveh. Iran. Saveh. Cultivated. Cuttings.

483106 TO 483124. *Punica granatum* L. (Punicaceae) Pomegranate.

From Soviet Union. Donated by Turkmenian Experiment Station; Kara-Kala, Turkmen S.S.R. Received January 1982.

483106 TO 483124-continued

- 483106. Afganski. Soviet Union. Cultivated. Cuttings.
- 483107. Al-sirin-nar. Soviet Union. Cultivated. Cuttings.
- 483108. Apseronski. Soviet Union. Cultivated. Cuttings.
- 483109. Apseronski krasnyj. Soviet Union. Cultivated. Cuttings.
- 483110. Bala Miursal. Soviet Union. Cultivated. Cuttings.
- 483111. Kaim-anor. Soviet Union. Cultivated. Cuttings.
- 483112. Kaj-acik-anor. Soviet Union. Cultivated. Cuttings.
- 483113. Kara bala miursal. Soviet Union. Cultivated. Cuttings.
- 483114. Kazake. Soviet Union. Cultivated. Cuttings.
- 483115. Krmyzy-kabuh (Denau). Soviet Union. Cultivated. Cuttings.
- 483116. Kunduzski. Soviet Union. Cultivated. Cuttings.
- 483117. Mejhos 6269. Soviet Union. Cultivated. Cuttings.
- 483118. Nikitski ranni. Soviet Union. Cultivated. Cuttings.
- 483119. Saartuzski (Yalta). Soviet Union. Cultivated. Cuttings.
- 483120. Sakerdze. Soviet Union. Cultivated. Cuttings.
- 483121. Salavatski. Soviet Union. Cultivated. Cuttings.
- 483122. Sejanec 2-5/8. Soviet Union. Cultivated. Cuttings.
- 483123. Surh-anor. Soviet Union. Cultivated. Cuttings.
- 483124. Zubejda (Denau). Soviet Union. Cultivated. Cuttings.

483125. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From United States. Donated by Agronomy Department, North Dakota State University; Fargo, North Dakota.
Received December 1983.

GH-370. 'Nodak'. United States. 3R187-1 [2R39-1(UI-35X(UI-35 X PI203958) X Royal Red] X GN 1140. Pinto vine type. Maturity very early. Plant architecture type III (indeterminate). Flowers white. Pods with 4-7 seeds. Seeds uniform, plump, very bright, size similar to Olathe. Yield 11% higher than UI-114 and Olathe. Resistant to curly top virus, to the type and New York 15 strains of

483125-continued

bean common mosaic virus. Effective field resistance to Fusarium root rot. Resistant to many rust races in North Dakota. Cultivar. Seed.

483126. *Avena sativa* L. (Poaceae) Common oat.

From United States. Donated by USDA-ARS, Research and Extension Center, University of Idaho; Aberdeen, Idaho. Received January 1984.

75Ab1170. 'Monida'. United States. 'Cayuse'/'Otana'. Plants taller than Cayuse and Corbit, shorter than Otana. Similar in lodging resistance. Superior to Cayuse and Corbit in test weight. Yield high. Competes very favorably in both irrigated and dryland areas. Maturity midseason. Seeds white. Cultivar. Seed.

483127. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by USDA-ARS, Research and Extension Center, University of Idaho; Aberdeen, Idaho. Received January 1984.

78Ab9009-SRC. United States. Karla/ND 1265. Six row type, awns smooth, rachilla short. Plants "Karla-type" with improved kernel plumpness, slightly shorter straw, earlier heading. Lodging resistance very good. Yield superior to Karla on dryland, inferior under irrigation. Protein content for barley malting may be too low when grown under irrigation. Cultivar. Seed.

483128 TO 483144. *Vitis aestivalis* var. *argentifolia* (Munson) Fern. (Vitaceae).

From United States. Collected by Remaily, G.W.; Department of Pomology and Viticulture, New York State Agricultural Experiment Station; Geneva, New York. Received through USDA-ARS Sponsored Plant Exploration. Received July 1983.

483128. 19-1975. United States. Geneva, New York. Department of Pomology & Viticulture. 352/77. Collected 1975. Lahaska, Buckingham Township, Bucks County, Pennsylvania. Plants vigorous, healthy. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.

483129. 27-1975. United States. Geneva, New York. Department of Pomology & Viticulture. 317/77. Collected 1975. Connor property, Carversville Rd, Solebury Township, Bucks

483128 TO 483144-continued

- County, PA. Plants very vigorous, productive. Clusters attractive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483130. 4-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 402/77. Collected 1976. Lunenburg, Route 2-A, Worcester County, Massachusetts. Plants vigorous, healthy. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483131. 9-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 342/77. Collected 1976. Jct Green Hill and Carversville Rd, Solebury Township, Bucks County, PA. Plants vigorous, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483132. 11-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 344/77. Collected 1976. Jct Green Hill Rd and Carversville Rd, Solebury Township, Bucks Co., PA. Plants vigorous, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483133. 19-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 417/77. Collected 1976. West Epping, Route 156, Rockingham County, New Hampshire. Plants vigorous, healthy. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483134. 31-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 429/77. Collected 1976. Westville, Route 44, Bristol County, Massachusetts. Plants vigorous, healthy. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483135. 34-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 367/77. Collected 1976. Uhlerstown, Route 32, Bucks County, Pennsylvania. Plants vigorous, healthy. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483136. 43-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 376/77. Collected 1977. Joanna, Route 82, Berks County, Pennsylvania. Plants vigorous, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.

483128 TO 483144-continued

483137. 46-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 379/77. Collected 1976. Appalachian Trail, Schuylkill County, Pennsylvania. Plants cold resistant. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483138. 48-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 381/77. Collected 1976. Appalachian Trail, Schuylkill County, Pennsylvania. Plants cold resistant. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483139. 50-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 383/77. Collected 1977. Hometown, Route 54, Carbon County, Pennsylvania. Plants strong, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483140. 51-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 384/77. Collected 1977. Hometown, Route 54, Carbon County, Pennsylvania. Plants strong, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483141. 55-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 388/77. Collected 1977. Hometown, Route 54, Carbon County, Pennsylvania. Plants vigorous, healthy. Flowers functionally staminate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483142. 57-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 390/77. Collected 1977. Hometown, Route 54, Carbon County, Pennsylvania. Plants vigorous, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483143. 59-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 392/77. Collected 1977. Nesquehoning, Route 54, Carbon County, Pennsylvania. Plants strong, productive. Flowers functionally pistillate. Local name Blue grape. Received as *Vitis argentifolia*. Perennial Woody. Wild. Cuttings.
483144. 63-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 396/77. Collected 1977. Nesquehoning, Route 54, Carbon County, Pennsylvania.

483128 TO 483144-continued

Plants strong, healthy. Flowers functionally staminate.
Local name Blue grape. Received as *Vitis argentifolia*.
Perennial Woody. Wild. Cuttings.

483145 TO 483164. *Vitis labrusca* L. (Vitaceae) Fox grape.

From United States. Collected by Remaily, G.W.; Department of Pomology and Viticulture, New York State Agricultural Experiment Station; Geneva, New York. Received through USDA-ARS Sponsored Plant Exploration. Received July 1983.

483145. 26-1975. United States. Geneva, New York. Department of Pomology & Viticulture. 316/77. Collected 1975. Very moist location, Burnt House Hill Road, Landisville, Bucks County, PA. Plants vigorous, productive. Flowers functionally pistillate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483146. 33-1975. United States. Geneva, New York. Department of Pomology & Viticulture. 318/77. Collected 1975. Very moist location, Bridge, Mechanicsville Rd, Buckingham, Bucks Co., PA. Plants vigorous. Flowers functionally staminate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483147. 43-1975. United States. Geneva, New York. Department of Pomology & Viticulture. 319/77. Collected 1975. Chestnut Hill, Fairmount Park, Philadelphia County, Pennsylvania. Plants vigorous, healthy. Flowers functionally pistillate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483148. 46-1975. United States. Geneva, New York. Department of Pomology & Viticulture. 320/77. Collected 1975. Route 313, Quakertown, Bucks County, Pennsylvania. Plants vigorous, healthy. Flowers functionally pistillate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483149. 5-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 403/77. Collected 1976. Moist location, Cold-stream Creamery Rd, Mechanicsville Rd, Buckingham, PA. Plants strong. Flowers functionally staminate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483150. 8-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 406/77. Collected 1976. Londerderry, Route 102, Rockingham County, New Hampshire. Plants vigorous, very healthy. Flowers functionally pistillate. Berries large, black with little bloom. Few berries 1981. Local name Fox grape. Perennial Woody. Wild. Cuttings.

483145 TO 483164-continued

483151. 9-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 407/77. Collected 1976. Hardy property, N of Londonderry, Route 102, Rockingham Co., New Hampshire. Plants very vigorous, very productive. Flowers functionally pistillate. Fruit attractive, good cluster density. Berries black with moderate bloom. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483152. 11-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 409/77. Collected 1976. Meader property, Rochester, Strafford County, New Hampshire. Collected with E.M. Meader. Plants vigorous, productive, very cold resistant. Flowers functionally pistillate. Berries few, dull black. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483153. 12-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 410/77. Collected 1976. Meader property, Rochester, Strafford County, New Hampshire. Collected with E.M. Meader. Plants strong, vigorous, productive. Flowers functionally pistillate. Berries black with heavy bloom, very musky with tough skin and tough pulp. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483154. 13-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 411/77. Collected 1976. Rochester, Strafford County, New Hampshire. Collected with E.M. Meader. Plants vigorous, healthy. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483155. 15-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 413/77. Collected 1976. Rochester, Strafford County, New Hampshire. Collected with E.M. Meader. Plants strong, healthy. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483156. 17-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 415/77. Collected 1976. Nottingham, Route 152, Rockingham County, New Hampshire. Plants strong, cold tolerant. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483157. 20-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 418/77. Collected 1976. Hudson, Route 3-A, Rockingham County, New Hampshire. Plants very vigorous. Flowers functionally pistillate. No crop 1981. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483158. 23-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 421/77. Collected 1976. Nutting-Billerica, Route 3-A, Middlesex County, Massachusetts.

483145 TO 483164-continued

Plants vigorous, productive, few clusters 1981. Flowers functionally pistillate. Berries dull, black. Local name Fox grape. Perennial Woody. Wild. Cuttings.

483159. 24-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 422/77. Collected 1976. Pinehurst, Route 3-A, Middlesex County, Massachusetts. Plants vigorous, very clean. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483160. 25-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 423/77. Collected 1976. Pinehurst, Route 3-A, Middlesex County, Massachusetts. Plants good, productive. Flowers functionally pistillate. Few clusters 1981. Berries large, dull black. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483161. 26-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 424/77. Collected 1976. Pinehurst, Route 3-A, Middlesex County, Massachusetts. Plants large, healthy. Flowers functionally staminate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483162. 27-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 425/77. Collected 1976. Burlington, Route 3-A, Middlesex County, Massachusetts. Plants vigorous. Flowers functionally staminate. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483163. 36-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 434/77. Collected 1976. Sharon, Route 20, Schoharie County, New York. Plants strong, productive, heavy crop 1981. Flowers perfect hermaphrodite. Local name Fox grape. Perennial Woody. Wild. Cuttings.
483164. 47-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 380/77. Collected 1976. Valley, S of Rt 309, Appalachian Trail, Snyder, Schuylkill Co, Pennsylvania. Plants vigorous, very cold resistant. Flowers functionally pistillate. Local name Fox grape. Perennial Woody. Wild. Cuttings.

483165 TO 483177. *Vitis riparia* Michx. (Vitaceae) Riverbank grape.

From United States. Collected by Remaily, G.W.; Department of Pomology and Viticulture, New York State Agricultural Experiment Station; Geneva, New York. Received through USDA-ARS Sponsored Plant Exploration. Received July 1983.

483165. 55-1975. United States. Geneva, New York. Department of

483165 TO 483177-continued

- Pomology & Viticulture. 321/77. Collected 1975. Mifflinville, Route 80, Columbia County, Pennsylvania. Plants strong, cold tolerant. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483166. 65-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 327/77. Saratoga Springs, Route 9-N, Saratoga County, New York. Plants strong, cold resistant. Flowers functionally pistillate. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483167. 66-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 322/77. Collected 1976. Bethel, Route 107, Windsor County, Vermont. Plants vigorous, cold resistant. Flowers functionally pistillate. Local name River-Bank, Frost grape. Perennial Woody. Wild. Cuttings.
483168. 67-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 323/77. Collected 1976. Bethel, Route 9-N, Windsor County, Vermont. Plants cold resistant. Flowers functionally staminate. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483169. 70-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 331/77. Collected 1976. Shelburne, Route 7, Chittenden County, Vermont. Plants cold resistant. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483170. 73-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 333/77. Collected 1976. Shelburne, Route 7, Chittenden County, Vermont. Plants very productive, cold resistant with relatively low acidity for this form. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483171. 77-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 329/77. Collected 1976. Crown Point, Route 22, Essex County, New York. Plants vigorous, cold resistant. Flowers functionally pistillate. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483172. 81-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 324/77. Collected 1976. Bolton, Route 9-N, Warren County, New York. Plants strong, cold resistant. Flowers functionally pistillate. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.
483173. 82-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 325/77. Collected 1976. Lake Luzerne, Route 9-N, Warren County, New York. Plants vigorous, productive, cold resistant. Flowers

483165 TO 483177-continued

functionally pistillate. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.

483174. 83-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 326/77. Collected 1976. Corinth, Route 9-N, Saratoga County, New York. Plants vigorous, productive, cold resistant. Flowers functionally pistillate. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.

483175. 85-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 435/77. Collected 1976. Meader farm, Rochester, Strafford County, New Hampshire. Collected by E.M. Meader. Plants vigorous, very productive with medium-large clusters and medium sized berries. Good cluster density. Cold resistant. Perfect hermaphrodite. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.

483176. 86-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 436/77. Collected 1976. Phelps, Ontario County, New York. Collected by T.M. Wilson. Plants productive. Cold resistant. Flowers perfect hermaphrodite. Local name River-bank, Frost grape. Also referred to as "Tom's Favorite". Perennial Woody. Wild. Cuttings.

483177. 87-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 436-A/77. Collected 1976. Chidsey Hill Road, Steuben County, New York. Plants very productive. Cold resistant. Flowers perfect hermaphrodite. Local name River-bank, Frost grape. Perennial Woody. Wild. Cuttings.

483178 TO 483190. *Vitis vulpina* L. (Vitaceae).

From United States. Collected by Remaily, G.W.; Department of Pomology and Viticulture, New York State Agricultural Experiment Station; Geneva, New York. Received through USDA-ARS Sponsored Plant Exploration. Received July 1983.

483178. 4-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 337/77. Collected 1976. Very moist location, Pearson property, Burnt House Hill Rd, Bucks Co., PA. Plants strong. Flowers functionally staminate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.

483179. 7-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 340/77. Collected 1976. Burnt-House Hill Rd., Landisville, Buckingham Township, Bucks

483178 TO 483190-continued

- Co., PA. Plants vigorous, strong. Flowers functionally staminate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483180. 15-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 348/77. Collected 1976. Green Hill Road, Solebury Township, Bucks County, Pennsylvania. Plants vigorous, high climbing. Flowers functionally pistillate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483181. 22-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 420/77. Collected 1976. Chelmsford, Route 4, Middlesex County, Massachusetts. Plants healthy, strong. Flowers functionally pistillate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483182. 24-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 357/77. Collected 1977. Stockton, Route 29, Hunterdon County, New Jersey. Plants vigorous, very productive, healthy. Flowers functionally pistillate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483183. 27-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 360/77. Collected 1976. Bullis Island, Route 29, Hunterdon County, New Jersey. Plants very vigorous, healthy. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483184. 29-1976. United States. Geneva, New York. Department of Pomology & Viticulture. 362/77. Collected 1976. South Frenchtown, Route 29, Hunterdon County, New Jersey. Plants vigorous, healthy. Flowers functionally pistillate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483185. 30-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 363/77. Collected 1977. Route 29, south of Frenchtown, Hunterdon County, New Jersey. Plants vigorous, healthy. Flowers functionally staminate. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483186. 34-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 367/77. Collected 1977. Uhlerstown, Route 32, Bucks County, Pennsylvania. Plants vigorous, healthy. Flowers functionally staminate. Local name Chicken, Winter Grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.

483178 TO 483190-continued

483187. 36-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 369/77. Collected 1977. Paoli, Route 202, Chester County, Pennsylvania. Plants strong, very healthy. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483188. 38-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 371/77. Collected 1977. Wrightsville, Route 624, York County, Pennsylvania. Plants strong, vigorous, healthy. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483189. 40-1976-77. United States. Geneva, New York. Department of Pomology & Viticulture. 373/77. Collected 1977. Wrightsville, Route 624, York County, Pennsylvania. Plants vigorous, healthy. Local name Chicken, Winter grape. Received as *Vitis cordifolia*. Perennial Woody. Wild. Cuttings.
483190. 60-1976. United States. Collected 1976. Burnt Hill House Rd, Buckingham Township, Bucks County, Pennsylvania. Plants very vigorous, strong. Leaves dark, leathery, shiny. Flowers functionally staminate. Local name Chicken, Winter grape. Perennial Woody. Wild. Cuttings.

483191 TO 483193. *Glycine canescens* F. J. Hermann (Fabaceae).

From United States. Donated by Hymowitz, T.; Department of Agronomy, University of Illinois; Urbana, Illinois. Received November 1983.

483191. 630. Australia. Canberra City. P. Broue, CSIRO. 1249. Delalah-Thurloo Downs, northwest New South Wales. Collected by N.S.W. Soil Conservation Service. Chromosome no. 40. Perennial Herb. Wild. Seed.
483192. 633. Australia. Canberra City. P. Broue, CSIRO. 1301. Painters Springs, Alice Springs, Northern Territory. Collected by R. Pullen, CSIRO, Canberra. Chromosome no. 40. Perennial Herb. Wild. Seed.
483193. 636. Australia. West Perth. Kings Park and Botanic Garden. KP 2743. Other identification PR-51081 and NU 63187. Received as *G. clandestina*. Chromosome no. 40. Perennial Herb. Wild. Seed.

483194 TO 483195. *Glycine clandestina* Wendl. (Fabaceae).

From United States. Donated by Hymowitz, T.; Department of

483194 TO 483195-continued

Agronomy, University of Illinois; Urbana, Illinois.

Received November 1983.

483194. 631. Australia. Canberra City. P. Broue, CSIRO. 1253.
Slap-up road, Jerangle, New South Wales. Chromosome no.
40. Perennial Herb. Wild. Seed.

483195. 649. Australia. Canberra City. P. Broue, CSIRO. 1227.
Bungonia Gorge, New South Wales. Received from R. Pullen,
CSIRO, Canberra. Perennial Herb. Wild. Seed.

483196. *Glycine latrobeana* (Meissn.) Benth. (Fabaceae).

From United States. Donated by Hymowitz, T.; Department of
Agronomy, University of Illinois; Urbana, Illinois.

Received November 1983.

659. Australia. Bundoora. N.H. Scarlett, Botany Dept.,
Latrobe University. N.H.S. 81-199. Latitude: 38 deg 03 m
06 s S; Longitude: 144 deg 0. Collected October 10, 1981.
NW sector of Inverleigh Common, 5.5km NW of Inverleigh,
Victoria. 120m. Fine sandy loam, *Eucalyptus viminalis*
woodland. Perennial Herb. Wild. Seed.

483197 TO 483216. *Glycine tabacina* (Labill.) Benth. (Fabaceae).

From United States. Donated by Hymowitz, T.; Department of
Agronomy, University of Illinois; Urbana, Illinois.

Received November 1983.

483197. 623. Tonga. Vaini. Obtained from Bernice B. Bishop
Museum Herbarium by C.A. Newell. Other identification
Yuncker 15061. Perennial Herb. Wild. Seed.

483198. 624. Pacific Is., Trust Ter. Collected September 03,
1980. Open grassy clifftop along NE coast of Tinian
Island, Marianas. Collected by C.A. Newell (Tinian No. 1).
Chromosome no. 80. Perennial Herb. Wild. Seed.

483199. 625. Pacific Is., Trust Ter. Collected September 03,
1980. Open grassy clifftop along NE coast of Tinian
Island, Marianas. Collected by C.A. Newell (Tinian No. 2).
Perennial Herb. Wild. Seed.

483200. 626. Pacific Is., Trust Ter. Collected September 07,
1980. Open grass area, Banzai clifftop at N end of
Saipan, Marianas. Collected by C.A. Newell. Chromosome no.
80. Perennial Herb. Wild. Seed.

483201. 629. Australia. Canberra City. P. Broue, CSIRO. 1171.
Pacific highway, 17.6km N of Port Macquarie, New South

483197 TO 483216-continued

Wales. Perennial Herb. Wild. Seed.

483202. 638. Tonga. Collected February 08, 1982. Open clearing at top of coral ridge, Hufangalupe beach, Tongatapu. Collected by T. Hymowitz. Chromosome no. 80. Perennial Herb. Wild. Seed.
483203. 639. Tonga. Collected February 09, 1982. Open grassy area near village, Longoteme road, Vaini, Tongatapu. Collected by T. Hymowitz. Chromosome no. 80. Perennial Herb. Wild. Seed.
483204. 640. Tonga. Collected February 12, 1982. On chain link fence near Free Wesleyan Church, Nuku Alofa, Tongatapu. Collected by T. Hymowitz. Chromosome no. 80. Perennial Herb. Wild. Seed.
483205. 641. Vanuatu, Republic of. Collected February 19, 1982. Open grassy area sloping toward sea, W side of Tanna. 100-200m. Collected by T. Hymowitz. Plants sparse. Chromosome no. 80. Perennial Herb. Wild. Seed.
483206. 642. Vanuatu, Republic of. Collected February 19, 1982. Low, open grassy area, 50m from shore, Lenakel, Tanna. Collected by T. Hymowitz. Chromosome no. 80. Perennial Herb. Wild. Seed.
483207. 643. Vanuatu, Republic of. Collected February 22, 1982. Open grass lawn by sea, Port Narevin, Erromango. Collected by T. Hymowitz. Chromosome no. 80. Perennial Herb. Wild. Seed.
483208. 644. Vanuatu, Republic of. Collected February 23, 1982. In church and back of coop. store lawns, Dillon's Bay, Erromango. Collected by T. Hymowitz. Plants mostly in flower, few seeds. Chromosome no. 80. Perennial Herb. Wild. Seed.
483209. 645. Vanuatu, Republic of. Collected February 24, 1982. Open sites, airport landing strip, Dillon's Bay, Erromango. Collected by T. Hymowitz. Plants found in sunny locations, rocky or grassy, on and below mountain side. Chromosome no. 80. Perennial Herb. Wild. Seed.
483210. 646A. New Caledonia. Collected March 04, 1982. Open grassy area, ORSTOM property, Anse Vata. Plants small, beginning to flower. Seeds from previous year. Collected by T. Hymowitz. Perennial Herb. Wild. Seed.
483211. 646B. New Caledonia. Collected March 10, 1982. ORSTOM property, Anse Vata, Noumea. Collected by T. Hymowitz. Pods immature. Chromosome no. 80. Perennial Herb. Wild. Seed.

483197 TO 483216-continued

483212. 648. New Caledonia. Collected March 06, 1982. Open area, about 10m from sea, Poe beach. 4m. Collected by T. Hymowitz. Six plants in flower and fruit set. Seeds from previous year. Chromosome no. 80. Perennial Herb. Wild. Seed.
483213. 650. Australia. Canberra City. P. Broue, CSIRO. 1289. Grafton, New South Wales. Received from P. Pullen, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483214. 651. Australia. Canberra City. P. Broue, CSIRO. 1290. Grafton, New South Wales. Received from R. Pullen, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483215. 652. Australia. Canberra City. P. Broue, CSIRO. 1291. Emerald Beach, New South Wales. Received from R. Pullen, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483216. 658. New Caledonia. Collected February 02, 1966. Koumac, New Caledonia. 100m. Collected by Mackee (No. 14368). Seeds removed from Herbarium sheet No. 14368, Herbarium Museum, Paris. Chromosome no. 80. Perennial Herb. Wild. Seed.

483217 TO 483230. *Glycine tomentella* Hayata (Fabaceae).

From United States. Donated by Hymowitz, T.; Department of Agronomy, University of Illinois; Urbana, Illinois. Received November 1983.

483217. 392. Australia. Collected 1971. Katherine, Northern Territory. Collected by N. Byrnes (No. 2081). Obtained by C.A. Newell from Herbarium, Royal Botanic Gardens, Kew, England. Perennial Herb. Wild. Seed.
483218. 428. Australia. Canberra City. P. Broue, CSIRO. B.I.1. Collected December 20, 1975. Sandy soil, apron of airstrip, N of Mackay, Brampton Island, Queensland. 10-15m. Chromosome no. 78. Perennial Herb. Wild. Seed.
483219. 442. Australia. Collected May 24, 1970. Eucalypt forest, Cooktown, Cook District, Queensland. Collected by Blake (No. 23528). Chromosome no. 80. Perennial Herb. Wild. Seed.
483220. 451. Australia. Collected August 11, 1967. W 72km of Ingham to Oak Hills Sta. from Valley of Lagoons Sta., Queensland. Collected by Morain (No. 163). Chromosome no. 78. Perennial Herb. Wild. Seed.
483221. 574. Papua New Guinea. Collected June 03, 1978. Among

483217 TO 483230-continued

- tall grass, dry open ridge, Motupore Island, Central Province. Collected by Barbara Pickersgill. Chromosome no. 80. Perennial Herb. Wild. Seed.
483222. 575. Papua New Guinea. Collected May 28, 1978. Open ground beside road cutting near reservoir, Waigani, Central Province. Collected by Barbara Pickersgill. Perennial Herb. Wild. Seed.
483223. 576. Papua New Guinea. Collected May 28, 1978. Among tall grass, dry slope leading to reservoir, Waigani, Central Province. Collected by Barbara Pickersgill. Chromosome no. 40. Perennial Herb. Wild. Seed.
483224. 632. Australia. Canberra City. P. Broue, CSIRO. 1288. Mountain View picnic area, 12.3km NNW of Grafton, New South Wales. Chromosome no. 78. Perennial Herb. Wild. Seed.
483225. 653. Australia. Canberra City. P. Broue, CSIRO. 1260. Mackay, Queensland. Received from R. Pullan, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483226. 654. Australia. Canberra City. P. Broue, CSIRO. 1274. Brampton Island, Queensland. Received from R. Pullan, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483227. 655. Australia. Canberra City. P. Broue, CSIRO. 1292. Emerald Beach, New South Wales. Received from R. Pullan, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483228. 656. Australia. Canberra City. P. Broue, CSIRO. 1293. Hat Head, New South Wales. Received from R. Pullan, CSIRO, Canberra. Perennial Herb. Wild. Seed.
483229. 662. Papua New Guinea. Latitude: 06 deg 07 m S; Longitude: 146 deg 37 m E. Collected May 28, 1975. Limestone slope W of Sialum Station, Finschhafen Subdist., Morobe District. 200m. Received from Div. of Botany, Lae Herbarium, Univ. of Papua New Guinea. Other identification Henty and Katik NGF 49811. Plants twining to 30cm. Flowers pinkish violet. Perennial Herb. Wild. Seed.
483230. 663. Papua New Guinea. Latitude: 06 deg 35 m S; Longitude: 146 deg 40 m E. Collected October 27, 1960. Morobe District, 49.2km from Lae. 60m. Other identification Henty NGF 13460. Plants twining, slender. Flowers purple. Mature pods black. Perennial Herb. Wild. Seed.

483231. *Allium sphaerocephalon* L. (Amaryllidaceae).

From United States. Collected by Oldemeyer, R.K.; Agricultural Research Center, The Great Western Sugar Company; Longmont, Colorado.
Received December 1983.

Iran. Wheat field near Mashad. 100-120m. Plants 100-200cm tall. Heads 4-6cm diameter, spherical, maroon, July flowering. Wild. Seed.

483232. *Coriandrum sativum* L. (Apiaceae) Coriander.

From United States. Collected by Oldemeyer, R.K.; Agricultural Research Center, The Great Western Sugar Company; Longmont, Colorado.
Received December 1983.

Chile. Near Santiago. Local name Cilantro. Wild. Seed.

483233. *Ecballium elaterium* (L.) A. Rich. (Cucurbitaceae) Squirting cucumber.

From United States. Collected by Oldemeyer, R.K.; Agricultural Research Center, The Great Western Sugar Company; Longmont, Colorado.
Received December 1983.

Spain. Near Frontera in southern Spain. Common weedy vine. Fruit small, squirts seed when picked or disturbed. Wild/Weedy. Seed.

483234. *Medicago arborea* L. (Fabaceae) Tree alfalfa.

From United States. Collected by Oldemeyer, R.K.; Agricultural Research Center, The Great Western Sugar Company; Longmont, Colorado.
Received December 1983.

Greece. Among ancient ruins, Athens. Perennial Woody. Wild. Seed.

483235. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Alexander, W.L.; USDA-ARS, Plant and Soil Science Department, Montana State University; Bozeman, Montana. Received through joint release of USDA-ARS and the Montana Agricultural Experiment Station.
Received January 1984.

MT 7819. 'Glenman'. United States. 'Tezanos Pintos Precoz'/'Sonora 64' (208774C-1R8M)//'Fortuna'. Plants single-gene semidwarf type with mid-season maturity. Straw white, solid under favorable conditions but more susceptible to lodging than hollow-stemmed cultivars of similar height. Spikes apically awnletted, fusiform, mid-dense to lax, and erect. Glumes glabrous, white or tan. Seeds hard, red. Resistant to stem and stripe rusts, susceptible to leaf rust. Resistant to stem sawfly. Milling and baking quality satisfactory, mixing time longer than desired. Spring Annual. Cultivar. Seed.

483236. *Triticum aestivum* L. (Poaceae) Common wheat.

From Japan. Donated by Osanai, Shun-Ichi; Kamikawa Station; Hokkaido. Received through C.F. Kozak, Department of Agronomy and Soils, Washington State University. Received January 1984.

'Chihoku Komugi'. Japan. Soft red type. Leaf growth upright in dense stand. Noodle quality good. Disease resistant. Winter Annual. Cultivar. Seed.

483237 TO 483238. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Agronomy Department, North Dakota State University; Fargo, North Dakota. Received January 1984.

483237. ND4994. 'Bowman'. United States. Klages//Fergus/Nordic/3/ND1156/4/Hector. Two-row type. Maturity early, height medium, straw moderately strong. Spikes medium-long, medium-lax and semi-erect. Awns smooth. Seeds very plump, aleurone white. Test weight high. Spring Annual. Cultivar. Seed.

483238. ND5569. 'Hazen'. United States. Glenn/4/Nordic//Dickson/Trophy/3/Azure. Six-row type. Maturity medium-early, height mid-tall, straw strong. Spikes medium-long, medium-lax, semi-erect. Awns semi-smooth. Seeds plump, aleurone white. Test weight moderate to high. Resistant to *Puccinia graminis* f. sp. *tritici*, more field resistant than Glenn to *Helminthosporium sativum* and is equal to Glenn in resistance to *Pyrenophora teres*. Spring Annual. Cultivar. Seed.

483239 TO 483250. *Arachis hypogaea* L. (Fabaceae) Peanut.

From India. Donated by ICRISAT; Patancheru. Received January 1984.

483239. CS-9. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding

483239 TO 483250-continued

Material. Seed.

- 483240. CS-13. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483241. CS-16. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483242. CS-25. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483243. CS-26. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483244. CS-36. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483245. CS-39. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483246. CS-44. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483247. CS-46. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483248. CS-49. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483249. CS-51. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.
- 483250. CS-60. India. Advanced generation interspecific hybrid. Seeds red. Plants susceptible to stripe virus. Breeding Material. Seed.

483251 TO 483253. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Brazil. Donated by EMBRAPA-CENARGEN; Brasilia.
Received January 1984.

- 483251. BRA-018741. Cristalina. Brazil. Cultivar. Seed.

483251 TO 483253-continued

483252. BRA-032654. Doko. Brazil. Cultivar. Seed.

483253. BRA-032662. Tropical. Brazil. Cultivar. Seed.

483254. *Malus x dawsoniana* Rehd. (Rosaceae).

From France. Donated by Morvan, G; Station de Pathologie Vegetale, Centre de Recherches Agronomiques du Sud-Est; Montfavet.

Received January 1984.

France. Indicator plant for very destructive disease agent of apples called "proliferation". Cultivated. Budwood.

483255. *Malus sylvestris* Mill. (Rosaceae) Apple.

From France. Donated by Station de Recherches d'Arboriculture Fruitiere, INRA; Angers.

Received January 1984.

'Priam'. France. Cultivar. Budwood.

483256. *Malus sylvestris* Mill. (Rosaceae) Apple.

From Finland. Donated by Institute of Horticulture, Agricultural Research Center; 21500 Piikkio.

Received January 1984.

'YP'. Finland. Rootstock. Other previous designation MB 4. Cultivar. Cuttings.

483257. *Malus sylvestris* Mill. (Rosaceae) Apple.

From United Kingdom. Donated by Brogdale Farm, National Fruit Trials Station, Ministry of Agriculture, Fisheries & Food; Faversham, Kent ME13 8XZ.

Received January 1984.

Reinette Simirenko. Soviet Union. Cultivar. Seed.

483258. *Astragalus lindheimeri* Engelm. ex A. Gray (Fabaceae).

From United States. Donated by Mauldin, R.C; Southwestern Seed Service Laboratory; Waco, Texas. Received through

Regional Plant Introduction Station, Pullman, Washington. Received January 1984.

483258-continued

United States. Collected May 1983. Waco area. Plants robust, readily grazed. Annual. Wild. Seed.

483259. *Malus baccata* (L.) Borkh. (Rosaceae) Siberian crabapple.

From United Kingdom. Donated by Royal Botanic Garden; Inverleith, Edinburgh, Scotland.
Received January 1984.

'Genvina'. United Kingdom. Cultivar. Scionwood.

483260. *Malus prunifolia* (Willd.) Borkh. (Rosaceae).

From United Kingdom. Donated by Royal Botanic Garden; Inverleith, Edinburgh, Scotland.
Received January 1984.

United Kingdom. Cultivar. Scionwood.

483261 TO 483265. *Malus sylvestris* Mill. (Rosaceae) Apple.

From Israel. Donated by Stein, A; Kibbutz Ein-shemer; D.N. Menashe.
Received January 1984.

483261. 3/11/B. Israel. Cultivar. Budwood.

483262. 7/11/B. Israel. Cultivar. Budwood.

483263. 10/12/B. Israel. Cultivar. Budwood.

483264. 502/1/A. Israel. Cultivar. Budwood.

483265. 504/1/A. Israel. Cultivar. Budwood.

483266. *Malus floribunda* Sieb. ex Van Houtte (Rosaceae).

From Netherlands. Donated by Landbouwhogeschool; Wageningen.
Received January 1984.

'Peachblow'. Netherlands. Cultivar. Cuttings.

483267. *Malus hybrid* (Rosaceae).

From Netherlands. Donated by Landbouwhogeschool; Wageningen.
Received January 1984.

'Bhrens'. Netherlands. Cultivar. Cuttings.

483268 TO 483269. *Malus hybrid* (Rosaceae).

From Germany, Federal Rep of. Donated by Bunemann, O;
Dienststelle Botanischer Garten; 4600 Dortmund.
Received January 1984.

483268. 'Butterball'. Germany, Federal Rep of. Cultivar. Budwood.

483269. 'Grotz Liebling'. Germany, Federal Rep of. Cultivar.
Budwood.

483270 TO 483319. *Zea mays* L. (Poaceae) Field corn.

From United States. Donated by Manwiller, A.; Pee Dee Experiment
Station, Clemson University; Florence, South Carolina.
Received through The North Central Regional Plant
Introduction Station, Ames, Iowa. Code numbers refer to
designations of the North Central Regional Plant
Introduction Station.
Received October 1983.

483270. A-1860. Singletary. United States. Old open-pollinated
type. In Iowa, plants 2.5-3.5m tall. Midsilk in 80-85
days. Seeds dent type, white, some pale yellow. Cobs 10-
20cm long, 12-22 rowed, white and red. Primitive Cultivar.
Seed.

483271. A-1861. Hastings. United States. Blend of Hastings white
and Hastings yellow. From Hasting Seed Co. In Iowa,
plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type.
Cobs 10-20cm long, 12-18 rowed. Primitive Cultivar. Seed.

483272. A-1862. Taylor. United States. Old open-pollinated type.
In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds
dent type, yellow, white, and some with blue aleurone.
Cobs 10-25cm long, white and red, 14-18 rowed. Primitive
Cultivar. Seed.

483273. A-1863. Jarvis. United States. Popular farmer open-
pollinated type of 30-50 years ago. In Iowa, plants 2.5-
3.5m tall. Midsilk in 80-85 days. Seeds dent type, yellow.
Cobs 15-25cm long, white, 14-18 rowed. Primitive Cultivar.
Seed.

483274. A-1864. MT. United States. Old open-pollinated type. In
Iowa, plants 3-4m tall. Midsilk in 80-85 Days. Seeds dent
type, mostly yellow, some white, red, or calico. Cobs 15-
20cm long, white and red, 14-16 rowed. Primitive Cultivar.
Seed.

483275. A-1865. Greene. United States. Old open-pollinated type.
In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds

483270 TO 483319-continued

- dent type, white, yellow, and some with pink cast. Cobs 15-20cm long, red and white, 12-18 rowed. Primitive Cultivar. Seed.
483276. A-1866. Bagnet. United States. Old open-pollinated type. In Iowa, plants 3-4m tall, up to 6 ear shoots per stalk. Midsilk in 80-85 days. Seeds dent type, mostly white, some pale yellow or with pink cast. Cobs 15-20cm long, red and white, 12-20 rowed. Primitive Cultivar. Seed.
483277. A-1867. Mulberry. United States. Old open-pollinated type. In Iowa, plants 2.5-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly white, some yellow or with blue aleurone. Cobs 10-20cm long, red, 10-20 rowed. Primitive Cultivar. Seed.
483278. A-1868. Hicks. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, yellow, some yellow cap-orange or with blue aleurone. Cobs 15-20cm long, white, 12-18 rowed. Primitive Cultivar. Seed.
483279. A-1869. Fountain. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, white and yellow, some with pink cast. Cobs 15-20cm long, white and red, 12-18 rowed. Primitive Cultivar. Seed.
483280. A-1870. Allen. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, yellow and white, some with pink cast. Cobs 10-25cm long, red, 14-20 rowed. Primitive Cultivar. Seed.
483281. A-1871. Douthit. United States. Open pollinated type, very popular before hybrids. In Iowa, plants 3-4m tall, 1-3 ears. Midsilk in 80-85 days. Seeds dent type, white and yellow. Cobs 10-15cm long, red, 14-20 rowed. Primitive Cultivar. Seed.
483282. A-1872. Ford. United States. Old open-pollinated type. In Iowa, plants 2.5-3.5m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow, some with light red in seed coat. Cobs 10-20cm long, red, 12-18 rowed. Primitive Cultivar. Seed.
483283. A-1873. PD 5. United States. Old open-pollinated type developed by Pee Dee Station in about 1930. In Iowa, plants 2.5-3.5m tall. Stalks weak. Midsilk in 80-85 days. Seeds dent type, mostly white, some yellow, and some with blue aleurone. Cobs 15-25cm long, white, 12-16 rowed. Virus tolerance good. Primitive Cultivar. Seed.
483284. A-1874. Mex June. United States. Old open-pollinated

483270 TO 483319-continued

- type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, blue and white, some yellow. Cobs 15-25cm long, white, 12-18 rowed. Primitive Cultivar. Seed.
483285. A-1875. Mosby. United States. In Iowa, plants 2.5-3m tall. Midsilk in 70-75 days. Seeds dent type, mostly yellow, some with blue aleurone. Cobs 10-20cm long, white, 12-18 rowed. Primitive Cultivar. Seed.
483286. A-1876. Sandhill. United States. Developed by Sandhill Station. In Iowa, plants 2-3m tall. Midsilk in 80-85 days. Seeds dent type, yellow, some with blue aleurone. Cobs 10-25cm long, white and red, 12-18 rowed. Primitive Cultivar. Seed.
483287. A-1877. Young. United States. Old open-pollinated type. In Iowa, plants 1.5-3cm tall. Midsilk in 90-95 days. Seeds dent type, pale yellow, some white and blue. Cobs 10-20cm long, red, 12-18 rowed. Primitive Cultivar. Seed.
483288. A-1878. Barfield. United States. Old open-pollinated type. In Iowa, plants 2.5-3.5m tall. Midsilk in 85-90 days. Seeds dent type, mostly yellow, some with red pericarp or blue aleurone. Cobs 10-20cm long, white, 12-16 rowed. Primitive Cultivar. Seed.
483289. A-1879. Hughes. United States. Old open-pollinated type. In Iowa, plants 2.5-3.5m tall. Midsilk in 85-90 days. Seeds dent type, yellow, few white. Cobs 10-20cm long, red, 12-27 rowed. Primitive Cultivar. Seed.
483290. A-1880. Lovette. United States. Old open-pollinated type. In Iowa, plants 2.5-4m tall. Midsilk in 80-85 days. Seeds dent type, multicolored. Cobs 10-20cm long, red and white, 12-18 rowed. Primitive Cultivar. Seed.
483291. A-1881. Moody. United States. Old open-pollinated type. In Iowa, plants 2.5-3.5m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow, some variable. Cobs 15-20cm long, red and white, 14-20 rowed. Primitive Cultivar. Seed.
483292. A-1882. Wilbur. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow. Cobs 10-20cm long, red and white, 14-20 rowed. Primitive Cultivar. Seed.
483293. A-1883. Chandler. United States. Old open-pollinated type. In Iowa, plants 2.5-3.5m tall. Midsilk in 80-85 days. Seeds dent type, yellow. Cobs 10-20cm long, red, 12-20 rowed. Primitive Cultivar. Seed.
483294. A-1884. Hanna. United States. Old open-pollinated type.

483270 TO 483319-continued

- In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow, some red. Cobs 10-20cm long, red and white, 14-18 rowed. Primitive Cultivar. Seed.
483295. A-1885. Herring. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow, some with blue aleurone. Cobs 10-20cm long, red, 12-20 rowed. Primitive Cultivar. Seed.
483296. A-1886. Davis. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 85-90 days. Seeds dent type, yellow. Cobs 10-20cm long, red, 12-20 rowed. Primitive Cultivar. Seed.
483297. A-1887. Josey. United States. Old open-pollinated type. In Iowa, midsilk in 80-85 days. Seeds dent type, white and yellow, few with blue aleurone. Cobs 10-25cm long, white and red, 14-20 rowed. Primitive Cultivar. Seed.
483298. A-1888. Wiggins. United States. Old open-pollinated type. In Iowa, plants 3-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow, some with blue aleurone. Cobs 15-20cm long, red, 12-16 rowed. Primitive Cultivar. Seed.
483299. A-1889. Dailey. United States. Old open-pollinated type. In Iowa, plants 3.5-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow and white, few other colors. Cobs 10-20cm long, red and white, 12-16 rowed. Primitive Cultivar. Seed.
483300. A-1890. CC Syn. United States. In Iowa, plants 2-3m tall, about 3 ears per stalk, ears larger than Georgia cow corn. Seeds dent type, yellow and white, some red or blue. Cobs 10-20cm long, red and white, 10-16 rowed. Breeding Material. Seed.
483301. A-1891. SC Composite. United States. Mixture of about 150 old farmer types with selection for stalk strength and grain for over 20 years. In Iowa, plants 3-4m tall, good root and stalk strength. Midsilk in 80-85 days. Seeds mostly dent type, some flint, multicolored. Cobs 10-20cm long, white and red, 10-18 rowed. Breeding Material. Seed.
483302. A-1892. SC CBT. United States. Blend of tropical types with corn belt and northward types with selection for stalk strength and grain quality for over 20 years. In Iowa, plants 3-4m tall with good root and stalk strength. Midsilk 80-85 days. Seeds mostly dent type some flint, mostly yellow and white, some blue. Cobs 15-25cm long, red and white, 10-16 rowed. Breeding Material. Seed.
483303. A-1893. SC PM. United States. In Iowa, plants 3-4m tall

483270 TO 483319-continued

- with good root and stalk strength. Seeds mixed dent and flint types. Cobs 15-25cm long, variable color, 10-16 rowed. Breeding Material. Seed.
483304. A-1894. SC Syn C. United States. Blend of Carribean and South Carolina germplasm. In Iowa, plants 3-4m tall with good root and stalk strength. Seeds mostly dent, some flint type, yellow, few variable colors. Cobs 15-20cm long, red and white, 12-20 rowed. Some apparent resistance to rust and second brood European corn borer. Breeding Material. Seed.
483305. A-1895. FC. United States. Synthetic from south Georgia, possibly by Kyles. In Iowa, plants 3-3.5m tall with good root and stalk strength. Seeds mostly dent type, some flint, white, some yellow. Cobs 10-25cm long, white and red, 8-14 rowed. Breeding Material. Seed.
483306. A-1896. SC Syn L. United States. Synthetic from South Carolina. In Iowa, plants 3-4m tall with good root and stalk strength. Seeds mostly dent type, some flint, yellow, some white, red, and calico. Cobs 10-20cm long, white and red, 12-18 rowed. May have satisfactory virus tolerance. Breeding Material. Seed.
483307. A-1897. SC Syn F. United States. Synthetic from South Carolina combining yield and virus tolerance. In Iowa, plants 3-4m tall with good root and stalk strength. Midsilk in 85-90 days. Seeds dent type, yellow, few white. Cobs 10-20cm long, white and red, 12-18 rowed. May have virus tolerance. Breeding Material. Seed.
483308. A-1898. Kyles Le Syn. United States. Synthetic developed by Kyles. In Iowa, plants 3-4m tall with good root and stalk strength. Midsilk in 90-95 days. Seeds flint-dent mixture, multicolored. Ears 15-25cm long with strong husks, white and red, 10-16 rowed. Breeding Material. Seed.
483309. A-1899. Kyles Syn. United States. Blend of three Kyles synthetics. In Iowa, plants 3-4m tall. Midsilk in 85-90 days. Seeds dent-flint mixture, mostly yellow, few of various colors. Cobs 10-25cm long, red and white, 10-16 rowed. Breeding Material. Seed.
483310. A-1900. Kirby. United States. Old open-pollinated type. In Iowa, plants 2.5-3.5m tall. Midsilk in 80-85 days. Seeds dent type, yellow. Cobs 15-25cm long, white, 12-18 rowed. Primitive Cultivar. Seed.
483311. A-1951. Hills. United States. Old open pollinated type. In Iowa, plants 2.5-4m tall. Midsilk in 80-85 days. Seeds dent type, mostly yellow, some white. Cobs 15-25cm long,

483270 TO 483319-continued

- mostly white, 14-18 rowed. Primitive Cultivar. Seed.
483312. A-1952. Pencil Cob. United States. Local novelty type. In Iowa, plants 2.5-3.5m tall with very poor root strength. Seeds dent type, pale yellow. Cobs 10-25cm long, narrow with deep seed attachment, red, 8-14 rowed. Primitive Cultivar. Seed.
483313. A-1953. Indian Flint. United States. Resembles Cuban flint type. In Iowa, plants 3-4m tall. Midsilk in 100-105 days. Seeds mostly flint to semi-flint, orange and yellow cap-orange color. Cobs 10-25cm long, white, 10-14 rowed. Primitive Cultivar. Seed.
483314. A-1954. Tuxpan. United States. Interpollination of yellow and white Tuxpan which has yielded lines with good virus tolerance. In Iowa, plants to 3-4m tall. Midsilk in 95-100 days. Seeds dent type. Cobs 10-25cm long, mostly white, 14-18 rowed. Breeding Material. Seed.
483315. A-1955. Jeffords. United States. Local type grown for husks used in bottoms of hand crafted chairs. In Iowa, plants 2.5-3.5m tall. Midsilk in 80-85 days. Seeds dent type, white and yellow. Cobs 15-25cm long, white and red, 14-18 rowed. Primitive Cultivar. Seed.
483316. A-1956. Reinhart. United States. Old open-pollinated type. In Iowa, plants to 3-4m tall. Midsilk in 90-95 days. Seeds flint-dent type, mixture yellow and white. Cobs 15-20cm long, white and red, 12-16 rowed. Primitive Cultivar. Seed.
483317. A-1957. Jellicorse. United States. Old open-pollinated type. In Iowa, plants 2.5-4m tall. Midsilk in 80-85 days. Seeds dent type, white and yellow. Cobs 15-20cm long, white and red, 12-18 rowed. Good virus tolerance. Primitive Cultivar. Seed.
483318. A-1958. Barnes. United States. In Iowa, plants 3-3.5m tall. Midsilk in 90-95 days. Seeds dent type, yellow. Cobs 10-20cm long, red, 14-20 rowed. Primitive Cultivar. Seed.
483319. A-2272. RPC. United States. Referred to as red popcorn but closer to a semi-dent, semi-flint mixed type. In Iowa, plants 2.5-3.5m tall. Midsilk in 90-95 days. Seeds red with white and yellow segregates. Cobs 10-20cm long, red and white, 12-20 rowed. Excellent husk and seed quality. Extremely susceptible to virus. Primitive Cultivar. Seed.

483320. *Abelmoschus ficulneus* Wight & Arn. (Malvaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-161. Australia. Collected May 18, 1983. N of Kununurra, Kimberley Agri. Res. Sta., E Kimberleys, Western Australia. Weed along irrigation ditch. Plants erect to 2.5m tall. Flowers lavender. Annual. Wild/Weedy. Seed.

483321. *Abelmoschus* sp. (Malvaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-149. Australia. Collected May 13, 1983. Open grass near creek, 18km NW of Carson River Homestead, N. Kimberley, W.A. Plants procumbent. Flowers white-pink with red center. Capsules large. Perennial Herb. Wild. Seed.

483322. *Luffa aegyptiaca* Mill. (Cucurbitaceae) Vegetable sponge.

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-173. Australia. Collected May 22, 1983. River bank, road to Wooliana, downstream from Daly River Mission, N. T. Collected by P.A. Fryxell. Plants viney, climbing. Flowers yellow. Wild. Seed.

483323 TO 483324. *Oryza* sp. (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

483323. JMS-176. Australia. Collected May 22, 1983. Seasonal swamp, 0.5km N of Daly River Police Station, Northern Territory. Plants semi-decumbent. Annual. Wild. Seed.

483324. JMS 191. Australia. Collected May 26, 1983. Seasonal swamp, near campground at Cahill Crossing, Kakadu Natl.

483323 TO 483324-continued

Pk. N. T. Collected by Lyn Craven. Annual. Wild. Seed.

483325. *Pennisetum pedicellatum* Trin. (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-183. Australia. Collected May 23, 1983. Grounds of CSIRO Darwin Laboratories, Northern Territory. Plants to 1 m. Not native to Australia. Annual. Wild. Seed.

483326. *Pennisetum polystachyon* (L.) Schult. (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-184. Australia. Collected May 23, 1983. Grounds of CSIRO Darwin Laboratories, Northern Territory. Plants to 1 m. Not native to Australia. Perennial Herb. Wild. Seed.

483327. *Solanum* sp. (Solanaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-102. Collected April 27, 1983. Sand dune, near Munkajarra Swamp, 22.5km E of Derby, Western Australia. Plants to 1 m, spreading, thorny. Flowers blue. Fruit 3.8-5.1cm with spiny calyx. Wild. Seed.

483328. *Sorghum australiense* Garber & Snyder (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

JMS-162. Collected May 18, 1983. Roadside near Kimberly Agri. Res. Station, E Kimberleys, Western Australia. Plants to 3m tall. Wild. Seed.

483329 TO 483330. *Sorghum plumosum* (R. Br.) Beauv. (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

483329. JMS-106. Australia. Collected April 28, 1983. Common along roadside, 115km E of Broome, Western Australia. Plants 2m tall. Wild. Seed.

483330. JMS-108. Australia. Collected May 01, 1983. Koolan Island, Yampi Sound, Western Australia. Plants 2.5m tall. Perennial Herb. Wild. Seed.

483331 TO 483333. *Sorghum stipoides* (Ewart & White) Gardn. & Hubb. (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

483331. JMS-118. Australia. Collected May 03, 1983. Gibb River road, 17km E of Derby, Western Australia. Plants 2m tall. Wild. Seed.

483332. JMS-119. Australia. Collected May 03, 1983. Gibb River road near entrance to Meda Homstead, Western Australia. Plants 2m tall. Similar to PI (for JMS-118). Wild. Seed.

483333. JMS-120. Australia. Collected May 03, 1983. Yamarra gap of Napier Range, Kimberleys, Western Australia. Plants 2m tall. Wild. Seed.

483334 TO 483338. *Sorghum* sp. (Poaceae).

From Australia. Collected by Stewart, J.M.; USDA-ARS, Department of Plant & Soil Science, University of Tennessee; Knoxville, Tennessee.
Received October 1983.

483334. JMS-113. Australia. Latitude: 16 deg 15 m S; Longitude: 123 deg 44 m E. Collected May 01, 1983. Rocky hillside above inlet to Talbot Bay, 23km SE of Cockatoo Island. Plants to 2m tall. Awns 6-7cm. Wild. Seed.

483335. JMS-135. Australia. Collected May 10, 1983. Mitchell Plateau Mining Camp, Kimberleys, Western Australia. Plants common, 4m tall. Heads brown. Wild. Seed.

483336. JMS-150. Australia. Collected May 12, 1983. Along creek

483334 TO 483338-continued

S of mining camp, Mitchell Plateau, Kimberleys, West. Australia. Plants to 2m. Heads yellowish-brown. Area seasonally flooded. Perennial Herb. Wild. Seed.

483337. JMS-165. Australia. Collected May 19, 1983. Roadside, 53km E of Victoria River, Northern Territory. Plants to 1.5m tall. Perennial Herb. Wild. Seed.

483338. JMS-192. Australia. Collected May 26, 1983. Bank of E. Alligator River near Cahill Crossing, Kakadu Natl. Park, N. T. Plants lax to 0.8m. Seeds germinating in heads. Wild. Seed.

483339 TO 483344. *Cucumis sativus* L. (Cucurbitaceae) Cucumber.

From Korea, Republic of. Donated by Korean Seed Association, Inc.; Kangnam-Ku, Seoul.
Received January 1984.

483339. Banbaeg Tadagi F1. Korea, Republic of. Maturity early. Cultivar. Seed.

483340. H. N. Semiwhite F1. Korea, Republic of. Maturity early. Hot and cold tolerant. Cultivar. Seed.

483341. Jinju F1 (Naw Black Pearl). Korea, Republic of. Maturity medium. Heat tolerant. Cultivar. Seed.

483342. Sayup. China, Peoples Repub of. Maturity late. Cold intolerant. Heat tolerant. Cultivar. Seed.

483343. Seoul Madi. Korea, Republic of. Maturity medium. Cultivar. Seed.

483344. Sunghweon F1. Korea, Republic of. Maturity early. Cold tolerant. Cultivar. Seed.

483345 TO 483347. *Cucurbita pepo* L. (Cucurbitaceae).

From Korea, Republic of. Donated by Korean Seed Association, Inc.; Kangnam-Ku, Seoul.
Received January 1984.

483345. Aehobag F1. Korea, Republic of. Maturity early. Cultivar. Seed.

483346. Sachul F1 (Oriental Wonder). Korea, Republic of. Maturity early. Cultivar. Seed.

483347. Seoul Tadagi. Korea, Republic of. Maturity medium. Cultivar. Seed.

483348 TO 483352. *Daucus carota* subsp. *sativus* (Hoffm.) Arcang.
(Apiaceae) Carrot.

From Korea, Republic of. Donated by Korean Seed Association,
Inc.; Kangnam-Ku, Seoul.
Received January 1984.

483348. Fall-5 (Sinhukjen-5). Japan. Maturity medium. Cultivar.
Seed.

483349. Spring F1 (Spring Favor). Korea, Republic of. Maturity
early. Cultivar. Seed.

483350. Spring-5 (Hong Sim-5). Japan. Maturity medium. Cultivar.
Seed.

483351. HY Summer Favor. Korea, Republic of. Maturity medium.
Cultivar. Seed.

483352. Summer-5. Japan. Maturity medium. Cultivar. Seed.

483353 TO 483354. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From Korea, Republic of. Donated by Korean Seed Association,
Inc.; Kangnam-Ku, Seoul.
Received January 1984.

483353. Spring F1 (Pink Glory). Korea, Republic of. Maturity
medium. Cultivar. Seed.

483354. Summer F1 (Pink Forcer). Korea, Republic of. Maturity
late. Cultivar. Seed.

483355 TO 483362. *Raphanus sativus* L. (Brassicaceae) Radish.

From Korea, Republic of. Donated by Korean Seed Association,
Inc.; Kangnam-Ku, Seoul.
Received January 1984.

483355. Alatari. Korea, Republic of. Maturity early. Cultivar.
Seed.

483356. Alatari F1 (H. N. White Rat). Korea, Republic of.
Maturity early. Cultivar. Seed.

483357. Cho Sun F1 (Heelahk). Korea, Republic of. Maturity
medium. Cultivar. Seed.

483358. Early Minong. Japan. Maturity early. Cultivar. Seed.

483359. Kungjung. Japan. Maturity medium. Cultivar. Seed.

483355 TO 483362-continued

483360. Seoul spring. Korea, Republic of. Maturity early.
Cultivar. Seed.

483361. Shimu. Japan. Maturity late. Cultivar. Seed.

483362. Shimu F1. Korea, Republic of. Bulan cross. Maturity
medium. Cultivar. Seed.

483363 TO 483364. *Pyrus communis* L. (Rosaceae) Pear.

From France. Donated by Thibault, B; Station de Recherches d'
Arboriculture Fruitiere, INRA; Angers.
Received February 1984.

483363. 'Doyenne D'Hiver'. France. Cultivar. Budwood.

483364. 'Poirier Fleurissant Tard'. France. Flowering very late.
Fruit very small, quality poor, late maturing with poor
to medium productivity. Cultivar. Budwood.

483365 TO 483367. *Pyrus communis* L. (Rosaceae) Pear.

From Switzerland. Donated by Swiss Federal Research Station for
Fruit Growing; CH-8820 Wädenswil.
Received January 1984.

483365. 'Gelbmostler'. Switzerland. Old type known since the
18th century. Cultivar. Budwood.

483366. 'Schweizer Wasserbirne'. Switzerland. Old type, widely
distributed. Cultivar. Budwood.

483367. 'Theilersbirne'. Switzerland. Very old type. Cultivar.
Budwood.

483368 TO 483378. *Pyrus communis* L. (Rosaceae) Pear.

From Poland. Donated by Pieniazek, S; Research Institute of
Pomology; Skierniewice.
Received February 1984.

483368. Bera Wysznieta. Poland. Cultivar. Budwood.

483369. Bojka. Poland. Cultivar. Budwood.

483370. Erabasma. Poland. Cultivar. Budwood.

483371. Grusza od Nagovskiego. Poland. Cultivar. Budwood.

483368 TO 483378-continued

- 483372. Ilinka. Poland. Cultivar. Budwood.
- 483373. Kalebasa Plocka. Poland. Cultivar. Budwood.
- 483374. Krolewka. Poland. Cultivar. Budwood.
- 483375. Sommer Blutbirne. Poland. Cultivar. Budwood.
- 483376. Tonkowitzka. Poland. Cultivar. Budwood.
- 483377. Verbein. Poland. Cultivar. Budwood.
- 483378. Wilenska Plenna. Poland. Cultivar. Budwood.

483379 TO 483404. *Pyrus communis* L. (Rosaceae) Pear.

From United States. Donated by van der Zwet, T; Appalachian Fruit Research Station, USDA-ARS; Kearneysville, West Virginia. Received February 1984.

- 483379. Prague No. 1. Czechoslovakia. Collected October 20, 1976. Back garden of American Embassy, Prague. Tree large, about 100 years old. Fruit yellow (pyriform) with poor to medium texture, flavor and grit. Appeared resistant to fungal diseases and insects. Cultivated. Budwood.
- 483380. Prague No. 2. Czechoslovakia. Collected October 20, 1976. Back garden of American Embassy, Prague. Tree very large, about 100 years old. Leaves smaller than PI 483379. Fruit round-ovate. Appeared highly resistant to fungal leaf spots. Cultivated. Budwood.
- 483381. Czechoslovakia. Collected October 20, 1976. Roadside between Prague and Techobuzize. Local type of medium size. Fruits small. Resistant to insects. Cultivated. Budwood.
- 483382. 'Ananaska ceska'. Czechoslovakia. Holovousy. Fruit Experiment Station. Collected October 21, 1976. Cultivated. Budwood.
- 483383. P-14. Poland. Collected September 12, 1978. Near Zawada Kowalicha in eastern Poland (near Zamosc). Seedling tree. Fruits green, medium sized. Resistant to fungal diseases and insects. Cultivated. Budwood.
- 483384. P-17. Poland. Collected September 12, 1978. Near Zawada Kowalicha in eastern Poland (near Zamosc). Seedling tree, no fruit. Appeared quite resistant to fungi and insects. Cultivated. Budwood.
- 483385. P-18. Poland. Collected September 12, 1978. Near Zawada

483379 TO 483404-continued

- Kowalicha in eastern Poland (near Zamosc). Seedling tree. Cultivated. Budwood.
483386. P-26. Poland. Collected September 14, 1978. Near Baligrod. Seedling tree. Fruits medium sized, pyriform, with large grit cells. Appears very resistant to fungal diseases. Cultivated. Budwood.
483387. Y-11. 'Krupen Burnusus'. Yugoslavia. Collected July 28, 1978. Near Resen. Tree 80 years old. Leaves very green. Fruit not too soft, ripens August 5-15. Highly resistant to leaf spot. Cultivar. Budwood.
483388. Y-22. 'Mustabej'. Yugoslavia. Skopje. Institute for Fruit Growing. Collected July 24, 1978. Fruit yellow, medium sized, ripens early July. Resistant to all insects except leaf miner. Cultivar. Budwood.
483389. Y-33. 'Topka'. Yugoslavia. Collected August 01, 1978. Near Klinovac. Winter type. Fruit size of 'Passa Crassane'. Resistant to scab. Cultivar. Budwood.
483390. Y-35. 'Kiselac'. Yugoslavia. Collected August 01, 1978. Near Meckovac, west of Vrange. Fruits yellow, pyriform, 150g, ripens early September. Resistant to diseases and insects. Cultivar. Budwood.
483391. Y-36. 'Batjarka'. Yugoslavia. Collected August 01, 1978. Near Kunovo, west of Vladicin Han. 400m. Tree about 100 years old. Fruit yellow, large, ripens mid-September. Cultivar. Budwood.
483392. Y-37. 'Jesinji Vodenac'. Yugoslavia. Collected August 01, 1978. Near Kunovo. Tree about 150 years old. Fruit medium sized, pyriform. Cultivar. Budwood.
483393. Y-42. 'Zelinka'. Yugoslavia. Collected August 01, 1978. Near Leskova Bara, NE of Vladicin Han. 600m. Tree 70-90 years old, very productive. Leaves very green. Fruit pyriform, ripens late August. Resistant to leaf spots. Cultivar. Budwood.
483394. Y-51. 'Bazva'. Yugoslavia. Collected August 03, 1978. Near Donja Rasica. Tree about 150 years old, very green. Fruits large, ripens early August and turns sweet two weeks later. Cultivar. Budwood.
483395. Y-54. 'Engleski Vodenjak'. Yugoslavia. Collected August 03, 1978. Near Rasica. Fruit about 250g, ripens early September. Resistant to disease. Cultivar. Budwood.
483396. Y-66. 'Smederevka'. Yugoslavia. Bijelo Polje. Fruit Experiment Station. Collected August 04, 1978. Leaves

483379 TO 483404-continued

very green with some blister mite. Fruit size like Clapp, ripens in September. Cultivar. Budwood.

483397. Y-72. 'Tiranka'. Yugoslavia. Bijelo Polje. Fruit Experiment Station. Collected August 04, 1978. Tree very green. Fruit large. Resistant to diseases. Cultivar. Budwood.

483398. Y-85. 'Maslinka'. Yugoslavia. Collected August 06, 1978. Near Tatinci. Fruit large and long with buttery sweet flavor, ripens end of August. Resistant to diseases and insects. Cultivar. Budwood.

483399. Y-100. 'Mednik'. Yugoslavia. Collected August 07, 1978. Substation of Fruit Research Station near Cacak. Leaves dark green. Fruit pyriform of 'Bartlett' size, known as honey pear. Very resistant to diseases and insects. Cultivar. Budwood.

483400. Y-107. 'Projnjacka'. Yugoslavia. Collected August 08, 1978. Near Blaznava. Tree about 40 years old. Fruit of 'Bartlett' size, ripens late August. Very resistant to leaf spot. Cultivar. Budwood.

483401. Y-125. 'Crna Poloska'. Yugoslavia. Donja Trnava. Prokupaz Nursery. Collected August 08, 1978. Cultivar. Budwood.

483402. R-2. 'Lucele'. Romania. Collected August 22, 1978. Near Glimbocel. Tree about 50 years old, very green. Fruit large, ripens late August. Appears disease resistant. Cultivar. Budwood.

483403. R-42. 'Aniversarea'. Romania. Pitesti. Fruit Research Station. Collected August 31, 1978. Very productive. Resistant to scab. Cultivar. Budwood.

483404. R-43. 'Aromate de Bistrita'. Romania. Pitesti. Fruit Research Station. Collected August 31, 1978. Cultivar. Budwood.

483405. *Pyrus* hybrid (Rosaceae) Pear.

From United States. Donated by van der Zwet, T; Appalachian Fruit Research Station, USDA-ARS; Kearneysville, West Virginia. Received February 1984.

Y-96. 'Pitoma Slanopadja'. Yugoslavia. *Pyrus communis*/*P. amygdaliformis*. Collected August 07, 1978. Substation of Fruit Research Station near Cacak. Leaves long, narrow. Fruit nearly 'Bartlett' size, rough texture and large grit cells. Resistant to leaf spots and insects. Cultivar.

483405-continued
Budwood.

483406. *Allium altaicum* Pall. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3138. Soviet Union. Kazakh SSR. Wild. Seed.

483407 TO 483408. *Allium angulosum* L. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

483407. VIR 1882. Soviet Union. Byelorussia. Cultivated. Seed.

483408. VIR 3066. Germany, Federal Rep of. Cultivated. Seed.

483409 TO 483411. *Allium cepa* L. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

483409. VIR 22. 'Strigunovskij'. Soviet Union. Cultivar. Seed.

483410. VIR 586. Soviet Union. Byelorussia. Cultivated. Seed.

483411. VIR 1281. Soviet Union. Kazakh SSR. Cultivated. Seed.

483412 TO 483415. *Allium fistulosum* L. (Amaryllidaceae) Bunching onion.

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

483412. VIR 1575. Soviet Union. Cultivated. Seed.

483413. VIR 1871. Soviet Union. Cultivated. Seed.

483414. VIR 3139. Brazil. Cultivated. Seed.

483415. VIR 3142. Soviet Union. Siberia. Cultivated. Seed.

483416. *Allium lineare* L. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3107. Soviet Union. Cultivated. Seed.

483417. *Allium oleraceum* L. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3067. Romania. Cultivated. Seed.

483418. *Allium paniculatum* L. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3126. Soviet Union. Jakut ASSR. Cultivated. Seed.

483419. *Allium pyrenaicum* Costa & Vayr. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3141. Netherlands. Cultivated. Seed.

483420. *Allium saxatile* Bieb. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3122. Soviet Union. Received as *Allium globosum*.
Cultivated. Seed.

483421. *Allium schoenoprasum* L. (Amaryllidaceae) Chives.

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

VIR 3029. Soviet Union. Cultivated. Seed.

483422 TO 483423. *Allium tuberosum* Rottl. ex Spreng. (Amaryllidaceae)
Chinese chives.

From Soviet Union. Donated by VIR; Leningrad.
Received February 1984.

483422. VIR 3100. Soviet Union. Leningrad. Cultivated. Seed.

483423. VIR 3140. Switzerland. Cultivated. Seed.

483424 TO 483425. *Allium* sp. (Amaryllidaceae).

From Soviet Union. Donated by VIR; Leningrad.

483424 TO 483425-continued
Received February 1984.

483424. VIR 3036. Soviet Union. Kazakh SSR. Received as *Allium dushistyj*. Cultivated. Seed.

483425. VIR 3073. Soviet Union. Received as *Allium smuun*. Cultivated. Seed.

483426 TO 483428. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Northrup King Company; Woodland, California.

Received February 1984.

483426. 75S31275. United States. Minnesota 64-98-8/Atlas68/
/Arivat/3/Briggs. Six row feed type. Plants medium tall,
straw good. Yield high. Spring Annual. Breeding Material.
Seed.

483427. 76W41248. United States. St2D//Minnesota64-98-8/3/Asse/
cm67. Semi-dwarf, six row feed type. Maturity late. Yield
high. Excellent tolerance to scald, net blotch and barley
yellow dwarf virus. Spring Annual. Breeding Material.
Seed.

483428. 80W41558. United States. Banteng/Nebar//Sunbar 425.
Plants medium height, semi dwarf. Straw good. Yield
excellent with good bushel weight. Fair tolerance to
California diseases. Spring Annual. Breeding Material.
Seed.

483429 TO 483431. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Northrup King Company; Woodland, California.

Received February 1984.

483429. 77S3940. United States. PDX/TZNO//MGD/HRT/YT2568. Hard
red type. Plants semi-dwarf, tall. Yield high. Milling
and baking characteristics good. Susceptible to *Septoria tritici*
and *Puccinia striiformis*. Spring Annual. Breeding
Material. Seed.

483430. 77S4236. United States. Prospur/Blue Bird 4 Late/
/Prospur. Hard red type. Plants semi-dwarf, short. Yield
high. Milling and baking characteristics good.
Susceptible to *Septoria tritici*. Spring Annual. Breeding
Material. Seed.

483431. 79S2437-35. United States. 75YCB12/4/AZTECA/FN/3/2*LR/SN/
/SYG. Hard red type. Plants semi-dwarf. Yield high.

483429 TO 483431-continued

Milling and baking characteristics good. Highly susceptible to *Septoria tritici*. Spring Annual. Breeding Material. Seed.

483432 TO 483433. *Camellia* hybrid (Theaceae).

From United States. Donated by Ackerman, W.L; U.S. National Arboretum, USDA-ARS; Washington, D.C.
Received February 1984.

483432. B61809. 'Frost Princess'. United States. *C. hiemalis* 'Bill Wylam' x *C. oleifera* (PI 162561). Plant somewhat spreading with moderate growth rate. Branches pendulous. Leaves elliptic, 5.1cm long, 2.5cm wide, coriaceous, dark green. Flowers semi-double to anemone form, 7.6cm across, lavender pink, late October to late November in Maryland. Perennial Woody. Cultivar. Plants.

483433. NA39930 (9-744). 'Sun Worshiper'. United States. *C. hongkongensis* (PI 229973) x *C. rusticana* (PI 228187). Plant upright, growth rapid. Leaves 11.3cm long, 3cm wide, dark red-purple when new, dark green at maturity. Flowers rose form double 8.8cm across, 3.9cm deep, bright red. Spring blooming, mid-season. Tolerant to high heat and light intensity, performed exceptionally well in southern Florida, Texas and California. Perennial Woody. Cultivar. Plants.

483434 TO 483441. *Arachis* sp. (Fabaceae).

From United States. Donated by Americus Plant Materials Center, USDA-SCS; Americus, Georgia. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.
Received January 1984.

483434. T 21172. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.

483435. T 21175. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.

483436. T 21176. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant.

483434 TO 483441-continued

Perennial Herb. Wild. Rhizomes.

483437. T 21177. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.
483438. T 21178. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.
483439. T 21179. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.
483440. T 21180. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, tight foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.
483441. T 21181. United States. Collected February 22, 1979. Soperton, Georgia. Collected by H. Haynsworth. Forage and cover crop. Low growing, slightly open foliage with vigorous spreading rhizomes. Disease and insect resistant. Perennial Herb. Wild. Rhizomes.

483442. *Acer ginnala* Maxim. (Aceraceae).

From United States. Donated by Elsberry Plant Materials Center, USDA-SCS; Elsberry, Missouri. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland. Received January 1984.

T 5157. 'Flame'. United States. Used for shelterbelts, wildlife cover and ornamental plantings. Leaves fiery red in autumn. Fruit wings bright red in summer. Seed production high. Extremely winter hardy, good longevity. Originally collected in 1860 from eastern Asia. Tree. Cultivar. Seed.

483443. *Bromus tectorum* L. (Poaceae) Cheatgrass.

From United States. Donated by Elsberry Plant Materials Center, USDA-SCS; Elsberry, Missouri. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.

483443-continued

Received January 1984.

T 5078. United States. Iowa. Cover crop. Composite of eight accessions. Winter Annual. Wild. Seed.

483444. *Panicum coloratum* L. (Poaceae) Kleingrass.

From United States. Donated by Knox City Plant Materials Center, USDA-SCS; Knox City, Texas. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland. Received January 1984.

T 35141. 'Verde'. United States. Similar to 'Selection 75' Kleingrass but selected for larger seed size. Perennial Herb. Cultivar. Seed.

483445. *Rhus trilobata* Nutt. (Anacardiaceae).

From United States. Donated by Los Lunas Plant Materials Center, USDA-SCS; Los Lunas, New Mexico. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland. Received January 1984.

T 4646. 'Bighorn'. United States. Collected 1957. Basin, Wyoming. Windbreak and critical area stabilization. Deciduous shrub to 3.6m. Perennial Woody. Cultivar. Seed.

483446. *Andropogon gerardii* Vitm. (Poaceae) Big bluestem.

From United States. Donated by Manhattan Plant Materials Center, USDA-SCS; Manhattan, Kansas. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland. Received January 1984.

T 4237. United States. Blend of PI's 408900, 408901, 408905 and 408907. Rangeland planting and critical area treatment. Foliage and stems more abundant than 'Kaw' big bluestem. Perennial Herb. Wild. Seed.

483447 TO 483448. *Tripsacum dactyloides* (L.) L. (Poaceae) Eastern gamagrass.

From United States. Donated by Manhattan Plant Materials Center, USDA-SCS; Manhattan, Kansas. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland. Received January 1984.

483447. T 26601. United States. Ottawa Co., Kansas. Female

483447 TO 483448-continued

flowering structure present in normally solely male spikelets and two complete fertile florets in each spikelet. Perennial Herb. Breeding Material. Plants.

483448. T 26789. United States. Collected June 1982. Ottawa Co., Kansas. Very similar in flowering structure to PI 483447 but with more functioning anthers. Perennial Herb. Breeding Material. Plants.

483449. *Caragana arborescens* Lam. (Fabaceae) Siberian pea-tree.

From United States. Donated by Rose Lake Plant Materials Center, USDA-SCS; East Lansing, Michigan. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.
Received January 1984.

T 7354. United States. Compact, vase shaped. Drought tolerant. Perennial Woody. Wild. Seed.

483450. *Lonicera maackii* (Rupr.) Maxim. (Caprifoliaceae).

From United States. Donated by Rose Lake Plant Materials Center, USDA-SCS; East Lansing, Michigan. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.
Received January 1984.

T 5172. 'Cling-red'. United States. Wildlife food and cover, living snow fence, and ornamental plantings. Growth habit spreading and vase-shaped. Fruit develop slowly, mature in September, persist well into winter. Originally collected in 1860 from eastern Asia. Perennial Woody. Cultivar. Seed.

483451. *Atriplex lentiformis* (Torr.) Wats. (Chenopodiaceae).

From United States. Donated by Lockeford Plant Materials Center, USDA-SCS; Lockeford, California. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.
Received January 1984.

T 6304. Casa. United States. Collected November 03, 1964. Paicines, California. 200m. Critical area stabilization and upland game cover. Perennial Woody. Cultivar. Seed.

483452. *Isomeris arborea* var. *globosa* Cov. (Capparaceae).

From United States. Donated by Lockeford Plant Materials Center,

483452-continued

USDA-SCS; Lockeford, California. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.

Received January 1984.

T 6395. Dorado. United States. Collected August 23, 1965. Gorman, California. 1160m. Critical area stabilization, upland game food and cover, and beautification. Seed production good. Perennial Woody. Cultivar. Seed.

483453 TO 483454. Hordeum vulgare L. (Poaceae) Barley.

From France. Donated by Sunderwirth, S.D; Gie de Recherche et Selection, UNISIGMA; 60480-Froissy.

Received February 1984.

483453. 'Eldorado'. France. Six row type. Resistant to scald and powdery mildew. Winter Annual. Cultivar. Seed.

483454. 'Smash'. France. Six row type. Resistant to scald and powdery mildew. Winter Annual. Cultivar. Seed.

483455 TO 483456. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Western Plant Breeders; Phoenix, Arizona.

Received February 1984.

483455. Westbred 906 R. United States. Selection from male sterile facilitative recurrent selection program. Plants semi-dwarf, dark green. Straw yellow. Heads large, white at maturity. Seeds larger than other semi-dwarf varieties. Spring Annual. Cultivar. Seed.

483456. Westbred 911. United States. Selection from male sterile facilitative recurrent selection program. Well adapted to irrigated areas of Arizona and California. Hard red type. Maturity late. Straw short, very strong, light-colored. Spike awned, very lax, very long, nodding. Seed long, hard, elliptical, red. Yield 10-20 percent more than Cajeme or Yecora Rojo. Milling and baking quality not as good as Yecora Rojo, but still acceptable for domestic trade. Winter Annual. Cultivar. Seed.

483457 TO 483458. Triticum durum Desf. (Poaceae) Durum wheat.

From United States. Donated by Western Plant Breeders; Phoenix, Arizona.

Received February 1984.

483457 TO 483458-continued

483457. Westbred 803. United States. Comp. cross of Ward, Wells, Cando, & Wascana with 2 var. Mexicali & 1000D. Adapted to irrigated areas of Utah, Idaho, Washington and Montana. Plants semidwarf, chaff white. Yields 5-15 percent more than Cando. Semolina color excellent, gluten strength may be equal to Vic. Low protein may limit domestic use, but acceptable for export. Susceptibility to yellow berry same as Westbred 1000D and Calvin. Resistant to stem rust in North Dakota but susceptible to races of leaf rust there. Spring Annual. Cultivar. Seed.
483458. Westbred 881. United States. Comp. cross of Ward, Wells, Cando, & Wascana with 2 var. Mexicali & 1000D. Adapted to irrigated areas of Arizona and California. Maturity early. Straw short, strong, white. Spike dense, erect, fully awned. Glumes glabrous, long, wide, white. Seeds long, elliptical, hard amber. High quality for pasta. Semolina color and gluten strength excellent. Spring Annual. Cultivar. Seed.

483459 TO 483468. Glycine soja Sieb. & Zucc. (Fabaceae) Wild soybean.

From China, Peoples Repub of. Collected by Chang, Ruzhen; Crop Germplasm Resources Institute, Chinese Academy of Agricultural Sciences; Beijing. Received through Northern Soybean Germplasm Collection, USDA-ARS, Univ. of Illinois, Urbana.
Received February 1984.

483459. China, Peoples Repub of. Huaide, Jilin Province. Wild. Seed.
483460. China, Peoples Repub of. Liaoyang, Liaoning Province. Wild. Seed.
483461. China, Peoples Repub of. Longhua, Hebei Province. Wild. Seed.
483462. China, Peoples Repub of. Tongxian, Beijing. Wild. Seed.
483463. China, Peoples Repub of. Wutai, Shanxi Province. Wild. Seed.
483464. China, Peoples Repub of. Taole, Ningxia Province. Wild. Seed.
483465. China, Peoples Repub of. Dali, Shaanxi Province. Wild. Seed.
483466. China, Peoples Repub of. Feicheng, Shandong Province. Wild. Seed.

483459 TO 483468-continued

483467. China, Peoples Repub of. Fanxian, Henan Province. Wild. Seed.

483468. China, Peoples Repub of. Shenqiu, Henan Province. Wild. Seed.

483469. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Schmidt, J.W; Department of Agronomy, University of Nebraska; Lincoln, Nebraska. Received February 1984.

NE78668. 'Siouxland'. United States. (Warrior*5/Agent)*2/Kavkas. Hard red type. Plants moderately tall, awned, fair strawed. Chaff white. Moderately winter-hardy. Maturity medium. Widely adapted. Milling and baking quality good. Resistant to mildew. Moderately resistant to leaf and stem rust, and to a number of leaf diseases. Susceptible to soilborne and wheat streak mosaic viruses and to Hessian fly. Winter Annual. Cultivar. Seed.

483470 TO 485519. *Zea mays* L. (Poaceae) Field corn.

From Mexico. Donated by CIMMYT; Mexico, D.F. Received through NSSL, Ft. Collins, Colorado. Received November 1983.

483470. Aguascalientes 1. Mexico. Aguascalientes. Cultivated. Seed.

483471. Aguascalientes 2. Mexico. Aguascalientes. Cultivated. Seed.

483472. Aguascalientes 14. Mexico. Aguascalientes. Cultivated. Seed.

483473. Aguascalientes 15. Mexico. Aguascalientes. Cultivated. Seed.

483474. Aguascalientes 19. Mexico. Aguascalientes. Cultivated. Seed.

483475. Aguascalientes 26. Mexico. Aguascalientes. Cultivated. Seed.

483476. Aguascalientes 27. Mexico. Aguascalientes. Cultivated. Seed.

483477. Aguascalientes 30. Mexico. Aguascalientes. Cultivated. Seed.

483470 TO 485519-continued

483478. Aguascalientes 35. Mexico. Aguascalientes. Cultivated. Seed.
483479. Aguascalientes 42. Mexico. Aguascalientes. Cultivated. Seed.
483480. Aguascalientes Grupo 1. Mexico. Aguascalientes. Cultivated. Seed.
483481. Aguascalientes Grupo 2. Mexico. Aguascalientes. Cultivated. Seed.
483482. Aguascalientes Grupo 3. Mexico. Aguascalientes. Cultivated. Seed.
483483. Aguascalientes Grupo 4. Mexico. Aguascalientes. Cultivated. Seed.
483484. Aguascalientes Grupo 5. Mexico. Aguascalientes. Cultivated. Seed.
483485. Coahuila 7. Mexico. Coahuila. Cultivated. Seed.
483486. Coahuila 67. Mexico. Coahuila. Cultivated. Seed.
483487. Coahuila Grupo 2. Mexico. Coahuila. Cultivated. Seed.
483488. Coahuila Grupo 4. Mexico. Coahuila. Cultivated. Seed.
483489. Chiapas 87. Mexico. Chiapas. Cultivated. Seed.
483490. Chiapas 88. Mexico. Chiapas. Cultivated. Seed.
483491. Chiapas 92. Mexico. Chiapas. Cultivated. Seed.
483492. Chiapas 138. Mexico. Chiapas. Cultivated. Seed.
483493. Chiapas 206. Mexico. Chiapas. Cultivated. Seed.
483494. Chihuahua 22. Mexico. Chihuahua. Cultivated. Seed.
483495. Chihuahua 40. Mexico. Chihuahua. Cultivated. Seed.
483496. Chihuahua Grupo 3. Mexico. Chihuahua. Cultivated. Seed.
483497. Chihuahua Grupo 4. Mexico. Chihuahua. Cultivated. Seed.
483498. Chihuahua Grupo 5. Mexico. Chihuahua. Cultivated. Seed.
483499. Chihuahua Grupo 6. Mexico. Chihuahua. Cultivated. Seed.
483500. Chihuahua Grupo 24. Mexico. Chihuahua. Cultivated. Seed.

483470 TO 485519--continued

- 483501. Durango 6. Mexico. Durango. Cultivated. Seed.
- 483502. Durango 7. Mexico. Durango. Cultivated. Seed.
- 483503. Durango 17. Mexico. Durango. Cultivated. Seed.
- 483504. Durango 21. Mexico. Durango. Cultivated. Seed.
- 483505. Durango 25. Mexico. Durango. Cultivated. Seed.
- 483506. Durango 27. Mexico. Durango. Cultivated. Seed.
- 483507. Durango Grupo 1. Mexico. Durango. Cultivated. Seed.
- 483508. Durango Grupo 2. Mexico. Durango. Cultivated. Seed.
- 483509. Durango Grupo 4. Mexico. Durango. Cultivated. Seed.
- 483510. Durango Grupo 5. Mexico. Durango. Cultivated. Seed.
- 483511. Guanajuato 1. Mexico. Guanajuato. Cultivated. Seed.
- 483512. Guanajuato 4. Mexico. Guanajuato. Cultivated. Seed.
- 483513. Guanajuato 12. Mexico. Guanajuato. Cultivated. Seed.
- 483514. Guanajuato 14. Mexico. Guanajuato. Cultivated. Seed.
- 483515. Guanajuato 25. Mexico. Guanajuato. Cultivated. Seed.
- 483516. Guanajuato 26. Mexico. Guanajuato. Cultivated. Seed.
- 483517. Guanajuato 31. Mexico. Guanajuato. Cultivated. Seed.
- 483518. Guanajuato 33. Mexico. Guanajuato. Cultivated. Seed.
- 483519. Guanajuato 40. Mexico. Guanajuato. Cultivated. Seed.
- 483520. Guanajuato 49. Mexico. Guanajuato. Cultivated. Seed.
- 483521. Guanajuato 51. Mexico. Guanajuato. Cultivated. Seed.
- 483522. Guanajuato 56. Mexico. Guanajuato. Cultivated. Seed.
- 483523. Guanajuato 61. Mexico. Guanajuato. Cultivated. Seed.
- 483524. Guanajuato 69. Mexico. Guanajuato. Cultivated. Seed.
- 483525. Guanajuato 93A. Mexico. Guanajuato. Cultivated. Seed.
- 483526. Guanajuato 97. Mexico. Guanajuato. Cultivated. Seed.

483470 TO 485519-continued

483527. Guanajuato 98. Mexico. Guanajuato. Cultivated. Seed.
483528. Guanajuato Grupo 4. Mexico. Guanajuato. Cultivated. Seed.
483529. Guanajuato Grupo 5. Mexico. Guanajuato. Cultivated. Seed.
483530. Guanajuato Grupo 7. Mexico. Guanajuato. Cultivated. Seed.
483531. Guanajuato Grupo 8. Mexico. Guanajuato. Cultivated. Seed.
483532. Guanajuato Grupo 9. Mexico. Guanajuato. Cultivated. Seed.
483533. Guanajuato Grupo 10. Mexico. Guanajuato. Cultivated.
Seed.
483534. Guanajuato Grupo 11. Mexico. Guanajuato. Cultivated.
Seed.
483535. Guanajuato Grupo 12. Mexico. Guanajuato. Cultivated.
Seed.
483536. Guanajuato Grupo 13. Mexico. Guanajuato. Cultivated.
Seed.
483537. Guanajuato Grupo 14. Mexico. Guanajuato. Cultivated.
Seed.
483538. Guanajuato Grupo 17. Mexico. Guanajuato. Cultivated.
Seed.
483539. Guanajuato Grupo 18. Mexico. Guanajuato. Cultivated.
Seed.
483540. Guanajuato Grupo 22. Mexico. Guanajuato. Cultivated.
Seed.
483541. Hidalgo 2. Mexico. Hidalgo. Cultivated. Seed.
483542. Hidalgo 3. Mexico. Hidalgo. Cultivated. Seed.
483543. Hidalgo 4. Mexico. Hidalgo. Cultivated. Seed.
483544. Hidalgo 8. Mexico. Hidalgo. Cultivated. Seed.
483545. Hidalgo 10. Mexico. Hidalgo. Cultivated. Seed.
483546. Hidalgo 15. Mexico. Hidalgo. Cultivated. Seed.
483547. Hidalgo 16. Mexico. Hidalgo. Cultivated. Seed.
483548. Hidalgo 20. Mexico. Hidalgo. Cultivated. Seed.

483470 TO 485519-continued

- 483549. Hidalgo 21. Mexico. Hidalgo. Cultivated. Seed.
- 483550. Hidalgo 22. Mexico. Hidalgo. Cultivated. Seed.
- 483551. Hidalgo 36. Mexico. Hidalgo. Cultivated. Seed.
- 483552. Hidalgo 38. Mexico. Hidalgo. Cultivated. Seed.
- 483553. Hidalgo Grupo 1. Mexico. Hidalgo. Cultivated. Seed.
- 483554. Hidalgo Grupo 3. Mexico. Hidalgo. Cultivated. Seed.
- 483555. Jalisco 4. Mexico. Jalisco. Cultivated. Seed.
- 483556. Jalisco 17. Mexico. Jalisco. Cultivated. Seed.
- 483557. Jalisco 18. Mexico. Jalisco. Cultivated. Seed.
- 483558. Jalisco 19. Mexico. Jalisco. Cultivated. Seed.
- 483559. Jalisco 22. Mexico. Jalisco. Cultivated. Seed.
- 483560. Jalisco 43. Mexico. Jalisco. Cultivated. Seed.
- 483561. Jalisco 53. Mexico. Jalisco. Cultivated. Seed.
- 483562. Jalisco 62. Mexico. Jalisco. Cultivated. Seed.
- 483563. Jalisco 64. Mexico. Jalisco. Cultivated. Seed.
- 483564. Jalisco 67. Mexico. Jalisco. Cultivated. Seed.
- 483565. Jalisco 73. Mexico. Jalisco. Cultivated. Seed.
- 483566. Jalisco 74. Mexico. Jalisco. Cultivated. Seed.
- 483567. Jalisco 75. Mexico. Jalisco. Cultivated. Seed.
- 483568. Jalisco 78. Mexico. Jalisco. Cultivated. Seed.
- 483569. Jalisco 79. Mexico. Jalisco. Cultivated. Seed.
- 483570. Jalisco 86. Mexico. Jalisco. Cultivated. Seed.
- 483571. Jalisco 96. Mexico. Jalisco. Cultivated. Seed.
- 483572. Jalisco 112. Mexico. Jalisco. Cultivated. Seed.
- 483573. Jalisco 119. Mexico. Jalisco. Cultivated. Seed.
- 483574. Jalisco 148. Mexico. Jalisco. Cultivated. Seed.

483470 TO 485519-continued

483575. Jalisco 168. Mexico. Jalisco. Cultivated. Seed.
483576. Jalisco 181. Mexico. Jalisco. Cultivated. Seed.
483577. Jalisco 183. Mexico. Jalisco. Cultivated. Seed.
483578. Jalisco 194. Mexico. Jalisco. Cultivated. Seed.
483579. Jalisco 199. Mexico. Jalisco. Cultivated. Seed.
483580. Jalisco 202. Mexico. Jalisco. Cultivated. Seed.
483581. Jalisco 204. Mexico. Jalisco. Cultivated. Seed.
483582. Jalisco 206. Mexico. Jalisco. Cultivated. Seed.
483583. Jalisco 210. Mexico. Jalisco. Cultivated. Seed.
483584. Jalisco 211. Mexico. Jalisco. Cultivated. Seed.
483585. Jalisco 233. Mexico. Jalisco. Cultivated. Seed.
483586. Jalisco 236. Mexico. Jalisco. Cultivated. Seed.
483587. Jalisco 242. Mexico. Jalisco. Cultivated. Seed.
483588. Jalisco Grupo 1. Mexico. Jalisco. Cultivated. Seed.
483589. Jalisco Grupo 2. Mexico. Jalisco. Cultivated. Seed.
483590. Jalisco Grupo 3. Mexico. Jalisco. Cultivated. Seed.
483591. Jalisco Grupo 4. Mexico. Jalisco. Cultivated. Seed.
483592. Jalisco Grupo 5. Mexico. Jalisco. Cultivated. Seed.
483593. Jalisco Grupo 7. Mexico. Jalisco. Cultivated. Seed.
483594. Jalisco Grupo 8. Mexico. Jalisco. Cultivated. Seed.
483595. Jalisco Grupo 10. Mexico. Jalisco. Cultivated. Seed.
483596. Jalisco Grupo 11 A. Mexico. Jalisco. Cultivated. Seed.
483597. Jalisco Grupo 13. Mexico. Jalisco. Cultivated. Seed.
483598. Jalisco Grupo 14. Mexico. Jalisco. Cultivated. Seed.
483599. Jalisco Grupo 24. Mexico. Jalisco. Cultivated. Seed.
483600. Jalisco Grupo 33. Mexico. Jalisco. Cultivated. Seed.

483470 TO 485519-continued

- 483601. Jalisco Grupo 36. Mexico. Jalisco. Cultivated. Seed.
- 483602. Jalisco Grupo 41. Mexico. Jalisco. Cultivated. Seed.
- 483603. Jalisco Grupo 49. Mexico. Jalisco. Cultivated. Seed.
- 483604. Jalisco Grupo 49 B. Mexico. Jalisco. Cultivated. Seed.
- 483605. Jalisco Grupo 54. Mexico. Jalisco. Cultivated. Seed.
- 483606. Mexico 7. Mexico. Cultivated. Seed.
- 483607. Mexico 9. Mexico. Cultivated. Seed.
- 483608. Mexico 20. Mexico. Cultivated. Seed.
- 483609. Mexico 38. Mexico. Cultivated. Seed.
- 483610. Mexico 40. Mexico. Cultivated. Seed.
- 483611. Mexico 41. Mexico. Cultivated. Seed.
- 483612. Mexico 46. Mexico. Cultivated. Seed.
- 483613. Mexico 48. Mexico. Cultivated. Seed.
- 483614. Mexico 55. Mexico. Cultivated. Seed.
- 483615. Mexico 66. Mexico. Cultivated. Seed.
- 483616. Mexico 69. Mexico. Cultivated. Seed.
- 483617. Mexico 72. Mexico. Cultivated. Seed.
- 483618. Mexico 80. Mexico. Cultivated. Seed.
- 483619. Mexico 86. Mexico. Cultivated. Seed.
- 483620. Mexico 91. Mexico. Cultivated. Seed.
- 483621. Mexico 95. Mexico. Cultivated. Seed.
- 483622. Mexico 127. Mexico. Cultivated. Seed.
- 483623. Mexico 138. Mexico. Cultivated. Seed.
- 483624. Mexico 143. Mexico. Cultivated. Seed.
- 483625. Mexico 145. Mexico. Cultivated. Seed.
- 483626. Mexico 147. Mexico. Cultivated. Seed.

483470 TO 485519-continued

- 483627. Mexico 150. Mexico. Cultivated. Seed.
- 483628. Mexico 153. Mexico. Cultivated. Seed.
- 483629. Mexico 158. Mexico. Cultivated. Seed.
- 483630. Mexico 160. Mexico. Cultivated. Seed.
- 483631. Mexico 162. Mexico. Cultivated. Seed.
- 483632. Mexico 166. Mexico. Cultivated. Seed.
- 483633. Mexico 171. Mexico. Cultivated. Seed.
- 483634. Mexico 172. Mexico. Cultivated. Seed.
- 483635. Mexico 180. Mexico. Cultivated. Seed.
- 483636. Mexico 182. Mexico. Cultivated. Seed.
- 483637. Mexico 192. Mexico. Cultivated. Seed.
- 483638. Mexico 198. Mexico. Cultivated. Seed.
- 483639. Mexico 207. Mexico. Cultivated. Seed.
- 483640. Mexico Grupo 1. Mexico. Cultivated. Seed.
- 483641. Mexico Grupo 2. Mexico. Cultivated. Seed.
- 483642. Mexico Grupo 4. Mexico. Cultivated. Seed.
- 483643. Mexico Grupo 5. Mexico. Cultivated. Seed.
- 483644. Guanajuato 24. Mexico. Guanajuato. Cultivated. Seed.
- 483645. Puebla Grupo 66. Mexico. Puebla. Cultivated. Seed.
- 483646. Puebla Grupo 80. Mexico. Puebla. Cultivated. Seed.
- 483647. Queretaro 3. Mexico. Queretaro. Cultivated. Seed.
- 483648. Queretaro 13. Mexico. Queretaro. Cultivated. Seed.
- 483649. Queretaro 17. Mexico. Queretaro. Cultivated. Seed.
- 483650. Queretaro 35. Mexico. Queretaro. Cultivated. Seed.
- 483651. Queretaro 54. Mexico. Queretaro. Cultivated. Seed.
- 483652. Queretaro 55. Mexico. Queretaro. Cultivated. Seed.

483470 TO 485519-continued

- 483653. Queretaro 56. Mexico. Queretaro. Cultivated. Seed.
- 483654. Veracruz 35. Mexico. Veracruz. Cultivated. Seed.
- 483655. Zacatecas 22. Mexico. Zacatecas. Cultivated. Seed.
- 483656. Zacatecas 34. Mexico. Zacatecas. Cultivated. Seed.
- 483657. Zacatecas 36. Mexico. Zacatecas. Cultivated. Seed.
- 483658. Zacatecas 39. Mexico. Zacatecas. Cultivated. Seed.
- 483659. Zacatecas 41. Mexico. Zacatecas. Cultivated. Seed.
- 483660. Zacatecas Grupo 1. Mexico. Zacatecas. Cultivated. Seed.
- 483661. Tlaxcala 11. Mexico. Tlaxcala. Cultivated. Seed.
- 483662. Brasil 1293. Brazil. Cultivated. Seed.
- 483663. Brasil 1294. Brazil. Cultivated. Seed.
- 483664. Brasil 1299. Brazil. Cultivated. Seed.
- 483665. Brasil 1300. Brazil. Cultivated. Seed.
- 483666. Brasil 1302. Brazil. Cultivated. Seed.
- 483667. Brasil 1309. Brazil. Cultivated. Seed.
- 483668. Brasil 1313. Brazil. Cultivated. Seed.
- 483669. Brasil 1314. Brazil. Cultivated. Seed.
- 483670. Brasil 1321. Brazil. Cultivated. Seed.
- 483671. Brasil 1323. Brazil. Cultivated. Seed.
- 483672. Brasil 1324. Brazil. Cultivated. Seed.
- 483673. Brasil 1325. Brazil. Cultivated. Seed.
- 483674. Brasil 1327. Brazil. Cultivated. Seed.
- 483675. Brasil 1332. Brazil. Cultivated. Seed.
- 483676. Brasil 1334. Brazil. Cultivated. Seed.
- 483677. Brasil 1335. Brazil. Cultivated. Seed.
- 483678. Brasil 1343. Brazil. Cultivated. Seed.

483470 TO 485519-continued

483679. Brasil 1344. Brazil. Cultivated. Seed.
483680. Brasil 1348. Brazil. Cultivated. Seed.
483681. Brasil 1349. Brazil. Cultivated. Seed.
483682. Brasil 1351. Brazil. Cultivated. Seed.
483683. Brasil 1357. Brazil. Cultivated. Seed.
483684. Brasil 1358. Brazil. Cultivated. Seed.
483685. Brasil 1361. Brazil. Cultivated. Seed.
483686. Brasil 1363. Brazil. Cultivated. Seed.
483687. Brasil 1364. Brazil. Cultivated. Seed.
483688. Brasil 1366. Brazil. Cultivated. Seed.
483689. Brasil 1370. Brazil. Cultivated. Seed.
483690. Brasil 1371. Brazil. Cultivated. Seed.
483691. Brasil 1372. Brazil. Cultivated. Seed.
483692. Brasil 1375. Brazil. Cultivated. Seed.
483693. Brasil 1376. Brazil. Cultivated. Seed.
483694. Brasil 1378. Brazil. Cultivated. Seed.
483695. Brasil 1380. Brazil. Cultivated. Seed.
483696. Brasil 1387. Brazil. Cultivated. Seed.
483697. Brasil 1388. Brazil. Cultivated. Seed.
483698. Brasil 1389. Brazil. Cultivated. Seed.
483699. Brasil 1390. Brazil. Cultivated. Seed.
483700. Brasil 1391. Brazil. Cultivated. Seed.
483701. Brasil 1398. Brazil. Cultivated. Seed.
483702. Brasil 1400. Brazil. Cultivated. Seed.
483703. Brasil 1401. Brazil. Cultivated. Seed.
483704. Brasil 1402. Brazil. Cultivated. Seed.

483470 TO 485519-continued

483705. Brasil 1403. Brazil. Cultivated. Seed.
483706. Brasil 1404. Brazil. Cultivated. Seed.
483707. Brasil 1405. Brazil. Cultivated. Seed.
483708. Brasil 1406. Brazil. Cultivated. Seed.
483709. Brasil 1408. Brazil. Cultivated. Seed.
483710. Brasil 1410. Brazil. Cultivated. Seed.
483711. Brasil 1411. Brazil. Cultivated. Seed.
483712. Brasil 1413. Brazil. Cultivated. Seed.
483713. Brasil 1415. Brazil. Cultivated. Seed.
483714. Brasil 1417. Brazil. Cultivated. Seed.
483715. Brasil 1423. Brazil. Cultivated. Seed.
483716. Brasil 1426. Brazil. Cultivated. Seed.
483717. Brasil 1430. Brazil. Cultivated. Seed.
483718. Brasil 1439. Brazil. Cultivated. Seed.
483719. Brasil 1445. Brazil. Cultivated. Seed.
483720. Brasil 1446. Brazil. Cultivated. Seed.
483721. Brasil 1447. Brazil. Cultivated. Seed.
483722. Brasil 1450. Brazil. Cultivated. Seed.
483723. Brasil 1452. Brazil. Cultivated. Seed.
483724. Brasil 1453. Brazil. Cultivated. Seed.
483725. Brasil 1454. Brazil. Cultivated. Seed.
483726. Brasil 1460. Brazil. Cultivated. Seed.
483727. Brasil 1462. Brazil. Cultivated. Seed.
483728. Brasil 1463. Brazil. Cultivated. Seed.
483729. Brasil 1468. Brazil. Cultivated. Seed.
483730. Brasil 1470. Brazil. Cultivated. Seed.

483470 TO 485519-continued

483731. Brasil 1472. Brazil. Cultivated. Seed.
483732. Brasil 1474. Brazil. Cultivated. Seed.
483733. Brasil 1475. Brazil. Cultivated. Seed.
483734. Brasil 1476. Brazil. Cultivated. Seed.
483735. Brasil 1485. Brazil. Cultivated. Seed.
483736. Brasil 1486. Brazil. Cultivated. Seed.
483737. Brasil 1487. Brazil. Cultivated. Seed.
483738. Brasil 1491. Brazil. Cultivated. Seed.
483739. Brasil 1492. Brazil. Cultivated. Seed.
483740. Brasil 1496. Brazil. Cultivated. Seed.
483741. Brasil 1498. Brazil. Cultivated. Seed.
483742. Brasil 1500. Brazil. Cultivated. Seed.
483743. Brasil 1502. Brazil. Cultivated. Seed.
483744. Brasil 1503. Brazil. Cultivated. Seed.
483745. Brasil 1505. Brazil. Cultivated. Seed.
483746. Brasil 1506. Brazil. Cultivated. Seed.
483747. Brasil 1508. Brazil. Cultivated. Seed.
483748. Brasil 1511. Brazil. Cultivated. Seed.
483749. Brasil 1513. Brazil. Cultivated. Seed.
483750. Brasil 1516. Brazil. Cultivated. Seed.
483751. Brasil 1517. Brazil. Cultivated. Seed.
483752. Brasil 1518. Brazil. Cultivated. Seed.
483753. Brasil 1522. Brazil. Cultivated. Seed.
483754. Brasil 1524. Brazil. Cultivated. Seed.
483755. Brasil 1528. Brazil. Cultivated. Seed.
483756. Brasil 1529. Brazil. Cultivated. Seed.

483470 TO 485519-continued

- 483757. Brasil 1534. Brazil. Cultivated. Seed.
- 483758. Brasil 1542. Brazil. Cultivated. Seed.
- 483759. Brasil 1543. Brazil. Cultivated. Seed.
- 483760. Brasil 1544. Brazil. Cultivated. Seed.
- 483761. Brasil 1546. Brazil. Cultivated. Seed.
- 483762. Brasil 1548. Brazil. Cultivated. Seed.
- 483763. Brasil 1550. Brazil. Cultivated. Seed.
- 483764. Brasil 1551. Brazil. Cultivated. Seed.
- 483765. Brasil 1552. Brazil. Cultivated. Seed.
- 483766. Brasil 1553. Brazil. Cultivated. Seed.
- 483767. Brasil 1554. Brazil. Cultivated. Seed.
- 483768. Brasil 1558. Brazil. Cultivated. Seed.
- 483769. Brasil 1560. Brazil. Cultivated. Seed.
- 483770. Brasil 1562. Brazil. Cultivated. Seed.
- 483771. Brasil 1564. Brazil. Cultivated. Seed.
- 483772. Brasil 1566. Brazil. Cultivated. Seed.
- 483773. Brasil 1570. Brazil. Cultivated. Seed.
- 483774. Brasil 1572. Brazil. Cultivated. Seed.
- 483775. Brasil 1573. Brazil. Cultivated. Seed.
- 483776. Brasil 1574. Brazil. Cultivated. Seed.
- 483777. Brasil 1575. Brazil. Cultivated. Seed.
- 483778. Brasil 1576. Brazil. Cultivated. Seed.
- 483779. Brasil 1579. Brazil. Cultivated. Seed.
- 483780. Matto Grosso Grupo 1. Mexico. Matto Grosso. Cultivated.
Seed.
- 483781. Venezuela 774. Venezuela. Cultivated. Seed.
- 483782. Rio Grande do Sul Grupo 1. Brazil. Rio Grande do Sul.

483470 TO 485519-continued

- Cultivated. Seed.
483783. Rio Grande do Sul Grupo 14. Brazil. Rio Grande do Sul.
Cultivated. Seed.
483784. Sao Paulo Grupo 3. Brazil. Sao Paulo. Cultivated. Seed.
483785. Uruguay Grupo 3. Uruguay. Cultivated. Seed.
483786. Bahamas 1. The Bahamas. Cultivated. Seed.
483787. British Virgin Islands 125. British Virgin Is.
Cultivated. Seed.
483788. British Virgin Islands 129. British Virgin Is.
Cultivated. Seed.
483789. British Virgin Islands 134. British Virgin Is.
Cultivated. Seed.
483790. British Virgin Islands 136. British Virgin Is.
Cultivated. Seed.
483791. Cuba 11. Cuba. Cultivated. Seed.
483792. Cuba 13. Cuba. Cultivated. Seed.
483793. Cuba 20. Cuba. Cultivated. Seed.
483794. Cuba 22. Cuba. Cultivated. Seed.
483795. Cuba 24. Cuba. Cultivated. Seed.
483796. Cuba 25. Cuba. Cultivated. Seed.
483797. Cuba 37. Cuba. Cultivated. Seed.
483798. Cuba 47. Cuba. Cultivated. Seed.
483799. Cuba 52. Cuba. Cultivated. Seed.
483800. Cuba 65. Cuba. Cultivated. Seed.
483801. Cuba 69. Cuba. Cultivated. Seed.
483802. Cuba 70. Cuba. Cultivated. Seed.
483803. Cuba 72. Cuba. Cultivated. Seed.
483804. Cuba 73. Cuba. Cultivated. Seed.
483805. Cuba 74. Cuba. Cultivated. Seed.

483470 TO 485519-continued

483806. Cuba 83. Cuba. Cultivated. Seed.
483807. Cuba 84. Cuba. Cultivated. Seed.
483808. Cuba 85. Cuba. Cultivated. Seed.
483809. Cuba 88. Cuba. Cultivated. Seed.
483810. Cuba 89. Cuba. Cultivated. Seed.
483811. Cuba 90. Cuba. Cultivated. Seed.
483812. Cuba 91. Cuba. Cultivated. Seed.
483813. Cuba 95. Cuba. Cultivated. Seed.
483814. Cuba 107. Cuba. Cultivated. Seed.
483815. Cuba 114. Cuba. Cultivated. Seed.
483816. Cuba 117. Cuba. Cultivated. Seed.
483817. Cuba 120. Cuba. Cultivated. Seed.
483818. Cuba 121. Cuba. Cultivated. Seed.
483819. Cuba 125. Cuba. Cultivated. Seed.
483820. Cuba 131. Cuba. Cultivated. Seed.
483821. Cuba 133. Cuba. Cultivated. Seed.
483822. Cuba 135. Cuba. Cultivated. Seed.
483823. Cuba 136. Cuba. Cultivated. Seed.
483824. Cuba 142. Cuba. Cultivated. Seed.
483825. Cuba 144. Cuba. Cultivated. Seed.
483826. Cuba 149. Cuba. Cultivated. Seed.
483827. Cuba 150. Cuba. Cultivated. Seed.
483828. Cuba 152. Cuba. Cultivated. Seed.
483829. Cuba 159. Cuba. Cultivated. Seed.
483830. Cuba 165. Cuba. Cultivated. Seed.
483831. Cuba 166. Cuba. Cultivated. Seed.

483470 TO 485519-continued

483832. Cuba 167. Cuba. Cultivated. Seed.
483833. Cuba 168. Cuba. Cultivated. Seed.
483834. Cuba 169. Cuba. Cultivated. Seed.
483835. Cuba 172. Cuba. Cultivated. Seed.
483836. Cuba 173. Cuba. Cultivated. Seed.
483837. El Salvador 48. El Salvador. Cultivated. Seed.
483838. El Salvador 49. El Salvador. Cultivated. Seed.
483839. El Salvador 52. El Salvador. Cultivated. Seed.
483840. El Salvador 55. El Salvador. Cultivated. Seed.
483841. El Salvador 59. El Salvador. Cultivated. Seed.
483842. El Salvador 60. El Salvador. Cultivated. Seed.
483843. El Salvador 61. El Salvador. Cultivated. Seed.
483844. El Salvador 62. El Salvador. Cultivated. Seed.
483845. El Salvador 65. El Salvador. Cultivated. Seed.
483846. El Salvador 66. El Salvador. Cultivated. Seed.
483847. El Salvador 67. El Salvador. Cultivated. Seed.
483848. El Salvador 68. El Salvador. Cultivated. Seed.
483849. El Salvador 69. El Salvador. Cultivated. Seed.
483850. El Salvador 72. El Salvador. Cultivated. Seed.
483851. El Salvador 75. El Salvador. Cultivated. Seed.
483852. El Salvador 76. El Salvador. Cultivated. Seed.
483853. El Salvador 77. El Salvador. Cultivated. Seed.
483854. El Salvador 78. El Salvador. Cultivated. Seed.
483855. El Salvador 79. El Salvador. Cultivated. Seed.
483856. El Salvador 80. El Salvador. Cultivated. Seed.
483857. El Salvador 82. El Salvador. Cultivated. Seed.

483470 TO 485519-continued

483858. El Salvador 83. El Salvador. Cultivated. Seed.
483859. El Salvador 84. El Salvador. Cultivated. Seed.
483860. El Salvador 86. El Salvador. Cultivated. Seed.
483861. El Salvador 87. El Salvador. Cultivated. Seed.
483862. El Salvador 90. El Salvador. Cultivated. Seed.
483863. El Salvador 91. El Salvador. Cultivated. Seed.
483864. El Salvador 92. El Salvador. Cultivated. Seed.
483865. El Salvador 93. El Salvador. Cultivated. Seed.
483866. El Salvador 96. El Salvador. Cultivated. Seed.
483867. El Salvador 97. El Salvador. Cultivated. Seed.
483868. El Salvador 100. El Salvador. Cultivated. Seed.
483869. El Salvador 101. El Salvador. Cultivated. Seed.
483870. El Salvador 102. El Salvador. Cultivated. Seed.
483871. El Salvador 103. El Salvador. Cultivated. Seed.
483872. El Salvador 104. El Salvador. Cultivated. Seed.
483873. El Salvador 107. El Salvador. Cultivated. Seed.
483874. El Salvador 109. El Salvador. Cultivated. Seed.
483875. El Salvador 110. El Salvador. Cultivated. Seed.
483876. Grenada 2. Grenada. Cultivated. Seed.
483877. Grenada 5. Grenada. Cultivated. Seed.
483878. Grenada 8. Grenada. Cultivated. Seed.
483879. Grenada 10. Grenada. Cultivated. Seed.
483880. Grenada 11. Grenada. Cultivated. Seed.
483881. Guadeloupe 1. Guadeloupe. Cultivated. Seed.
483882. Guadeloupe 2. Guadeloupe. Cultivated. Seed.
483883. Guadeloupe 6. Guadeloupe. Cultivated. Seed.

483470 TO 485519-continued

- 483884. Guadeloupe 10. Guadeloupe. Cultivated. Seed.
- 483885. Guadeloupe 12. Guadeloupe. Cultivated. Seed.
- 483886. Guadeloupe 15. Guadeloupe. Cultivated. Seed.
- 483887. Guadeloupe 16. Guadeloupe. Cultivated. Seed.
- 483888. Guiana French 784. Guinea. Cultivated. Seed.
- 483889. Guyana 808. Guyana. Cultivated. Seed.
- 483890. Haiti 1. Haiti. Cultivated. Seed.
- 483891. Haiti 17. Haiti. Cultivated. Seed.
- 483892. Haiti 18. Haiti. Cultivated. Seed.
- 483893. Haiti 19. Haiti. Cultivated. Seed.
- 483894. Haiti 21. Haiti. Cultivated. Seed.
- 483895. Haiti 24. Haiti. Cultivated. Seed.
- 483896. Haiti 25. Haiti. Cultivated. Seed.
- 483897. Haiti 26. Haiti. Cultivated. Seed.
- 483898. Haiti 27. Haiti. Cultivated. Seed.
- 483899. Haiti 30. Haiti. Cultivated. Seed.
- 483900. Haiti 31. Haiti. Cultivated. Seed.
- 483901. Haiti 32. Haiti. Cultivated. Seed.
- 483902. Haiti 33. Haiti. Cultivated. Seed.
- 483903. Haiti 34. Haiti. Cultivated. Seed.
- 483904. Haiti 35. Haiti. Cultivated. Seed.
- 483905. Haiti 37. Haiti. Cultivated. Seed.
- 483906. Haiti 40. Haiti. Cultivated. Seed.
- 483907. Haiti 43. Haiti. Cultivated. Seed.
- 483908. Haiti 44. Haiti. Cultivated. Seed.
- 483909. Haiti 45. Haiti. Cultivated. Seed.

483470 TO 485519-continued

483910. Jamaica 5. Jamaica. Cultivated. Seed.
483911. Jamaica 8. Jamaica. Cultivated. Seed.
483912. Jamaica 10. Jamaica. Cultivated. Seed.
483913. Martinique 4. Martinique. Cultivated. Seed.
483914. Campeche 21 C. Mexico. Campeche. Cultivated. Seed.
483915. Campeche 30 C. Mexico. Campeche. Cultivated. Seed.
483916. Campeche 41 C. Mexico. Campeche. Cultivated. Seed.
483917. Campeche 49. Mexico. Campeche. Cultivated. Seed.
483918. Campeche 85. Mexico. Campeche. Cultivated. Seed.
483919. Campeche 3. Mexico. Campeche. Cultivated. Seed.
483920. Coahuila 9. Mexico. Coahuila. Cultivated. Seed.
483921. Coahuila 11. Mexico. Coahuila. Cultivated. Seed.
483922. Coahuila 40. Mexico. Coahuila. Cultivated. Seed.
483923. Coahuila 55. Mexico. Coahuila. Cultivated. Seed.
483924. Coahuila 59. Mexico. Coahuila. Cultivated. Seed.
483925. Colima 7. Mexico. Colima. Cultivated. Seed.
483926. Chiapas 52. Mexico. Chiapas. Cultivated. Seed.
483927. Chiapas 96. Mexico. Chiapas. Cultivated. Seed.
483928. Chiapas 97. Mexico. Chiapas. Cultivated. Seed.
483929. Chiapas 202. Mexico. Chiapas. Cultivated. Seed.
483930. Chiapas 237. Mexico. Chiapas. Cultivated. Seed.
483931. Chiapas 239. Mexico. Chiapas. Cultivated. Seed.
483932. Chihuahua 91. Mexico. Chihuahua. Cultivated. Seed.
483933. Guanajuato 9. Mexico. Guanajuato. Cultivated. Seed.
483934. Guerrero 50. Mexico. Guerrero. Cultivated. Seed.
483935. Guerrero 95. Mexico. Guerrero. Cultivated. Seed.

483470 TO 485519-continued

- 483936. Guerrero 167. Mexico. Guerrero. Cultivated. Seed.
- 483937. Guerrero 227. Mexico. Guerrero. Cultivated. Seed.
- 483938. Guerrero 229. Mexico. Guerrero. Cultivated. Seed.
- 483939. Guerrero 231. Mexico. Guerrero. Cultivated. Seed.
- 483940. Guerrero 232. Mexico. Guerrero. Cultivated. Seed.
- 483941. Guerrero 233. Mexico. Guerrero. Cultivated. Seed.
- 483942. Guerrero 235. Mexico. Guerrero. Cultivated. Seed.
- 483943. Guerrero 238. Mexico. Guerrero. Cultivated. Seed.
- 483944. Hidalgo 51. Mexico. Hidalgo. Cultivated. Seed.
- 483945. Michoacan 98. Mexico. Michoacan. Cultivated. Seed.
- 483946. Michoacan 101. Mexico. Michoacan. Cultivated. Seed.
- 483947. Michoacan 104. Mexico. Michoacan. Cultivated. Seed.
- 483948. Michoacan 131. Mexico. Michoacan. Cultivated. Seed.
- 483949. Michoacan 198. Mexico. Michoacan. Cultivated. Seed.
- 483950. Morelos 20. Mexico. Morelos. Cultivated. Seed.
- 483951. Navarrit 9. Mexico. Navarrit. Cultivated. Seed.
- 483952. Navarrit 35. Mexico. Navarrit. Cultivated. Seed.
- 483953. Nuevo Leon 13. Mexico. Nuevo Leon. Cultivated. Seed.
- 483954. Oaxaca 4. Mexico. Oaxaca. Cultivated. Seed.
- 483955. Oaxaca 10. Mexico. Oaxaca. Cultivated. Seed.
- 483956. Oaxaca 12. Mexico. Oaxaca. Cultivated. Seed.
- 483957. Oaxaca 13. Mexico. Oaxaca. Cultivated. Seed.
- 483958. Oaxaca 20. Mexico. Oaxaca. Cultivated. Seed.
- 483959. Oaxaca 21. Mexico. Oaxaca. Cultivated. Seed.
- 483960. Oaxaca 76. Mexico. Oaxaca. Cultivated. Seed.
- 483961. Oaxaca 222. Mexico. Oaxaca. Cultivated. Seed.

483470 TO 485519-continued

483962. Oaxaca 223. Mexico. Oaxaca. Cultivated. Seed.
483963. Oaxaca 224. Mexico. Oaxaca. Cultivated. Seed.
483964. Oaxaca 225. Mexico. Oaxaca. Cultivated. Seed.
483965. Oaxaca 226. Mexico. Oaxaca. Cultivated. Seed.
483966. Oaxaca 227. Mexico. Oaxaca. Cultivated. Seed.
483967. Oaxaca 228. Mexico. Oaxaca. Cultivated. Seed.
483968. Oaxaca 230. Mexico. Oaxaca. Cultivated. Seed.
483969. Oaxaca 238. Mexico. Oaxaca. Cultivated. Seed.
483970. Oaxaca 240. Mexico. Oaxaca. Cultivated. Seed.
483971. Oaxaca 241. Mexico. Oaxaca. Cultivated. Seed.
483972. Oaxaca 242. Mexico. Oaxaca. Cultivated. Seed.
483973. Oaxaca 243. Mexico. Oaxaca. Cultivated. Seed.
483974. Oaxaca 244. Mexico. Oaxaca. Cultivated. Seed.
483975. Oaxaca 245. Mexico. Oaxaca. Cultivated. Seed.
483976. Oaxaca 246. Mexico. Oaxaca. Cultivated. Seed.
483977. Oaxaca 247. Mexico. Oaxaca. Cultivated. Seed.
483978. Oaxaca 248. Mexico. Oaxaca. Cultivated. Seed.
483979. Oaxaca 249. Mexico. Oaxaca. Cultivated. Seed.
483980. Oaxaca 250. Mexico. Oaxaca. Cultivated. Seed.
483981. Oaxaca 251. Mexico. Oaxaca. Cultivated. Seed.
483982. Oaxaca 252. Mexico. Oaxaca. Cultivated. Seed.
483983. Oaxaca 253. Mexico. Oaxaca. Cultivated. Seed.
483984. Oaxaca 254. Mexico. Oaxaca. Cultivated. Seed.
483985. Oaxaca 255. Mexico. Oaxaca. Cultivated. Seed.
483986. Oaxaca 256. Mexico. Oaxaca. Cultivated. Seed.
483987. Oaxaca 257. Mexico. Oaxaca. Cultivated. Seed.

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- 483988. Oaxaca 264. Mexico. Oaxaca. Cultivated. Seed.
- 483989. Oaxaca 265. Mexico. Oaxaca. Cultivated. Seed.
- 483990. Oaxaca 267. Mexico. Oaxaca. Cultivated. Seed.
- 483991. Oaxaca 268. Mexico. Oaxaca. Cultivated. Seed.
- 483992. Oaxaca 290. Mexico. Oaxaca. Cultivated. Seed.
- 483993. Oaxaca 291. Mexico. Oaxaca. Cultivated. Seed.
- 483994. Oaxaca 292. Mexico. Oaxaca. Cultivated. Seed.
- 483995. Oaxaca 293. Mexico. Oaxaca. Cultivated. Seed.
- 483996. Oaxaca 294. Mexico. Oaxaca. Cultivated. Seed.
- 483997. Oaxaca 312. Mexico. Oaxaca. Cultivated. Seed.
- 483998. Oaxaca 319. Mexico. Oaxaca. Cultivated. Seed.
- 483999. Oaxaca 330. Mexico. Oaxaca. Cultivated. Seed.
- 484000. Oaxaca 331. Mexico. Oaxaca. Cultivated. Seed.
- 484001. Oaxaca 335. Mexico. Oaxaca. Cultivated. Seed.
- 484002. Oaxaca 349. Mexico. Oaxaca. Cultivated. Seed.
- 484003. Oaxaca 380. Mexico. Oaxaca. Cultivated. Seed.
- 484004. Oaxaca 381. Mexico. Oaxaca. Cultivated. Seed.
- 484005. Oaxaca 383. Mexico. Oaxaca. Cultivated. Seed.
- 484006. Puebla 25. Mexico. Puebla. Cultivated. Seed.
- 484007. Puebla 79. Mexico. Puebla. Cultivated. Seed.
- 484008. Puebla 83. Mexico. Puebla. Cultivated. Seed.
- 484009. San Luis Potosi 95. Mexico. San Luis Potosi. Cultivated.
Seed.
- 484010. San Luis Potosi 106. Mexico. San Luis Potosi. Cultivated.
Seed.
- 484011. San Luis Potosi 129. Mexico. San Luis Potosi. Cultivated.
Seed.
- 484012. San Luis Potosi 133. Mexico. San Luis Potosi. Cultivated.

483470 TO 485519--continued
Seed.

- 484013. San Luis Potosi 135. Mexico. San Luis Potosi. Cultivated. Seed.
- 484014. Tamaulipas 18. Mexico. Tamaulipas. Cultivated. Seed.
- 484015. Tamaulipas 33. Mexico. Tamaulipas. Cultivated. Seed.
- 484016. Veracruz 19. Mexico. Veracruz. Cultivated. Seed.
- 484017. Veracruz 92. Mexico. Veracruz. Cultivated. Seed.
- 484018. Veracruz 176. Mexico. Veracruz. Cultivated. Seed.
- 484019. Veracruz 192. Mexico. Veracruz. Cultivated. Seed.
- 484020. Veracruz 195. Mexico. Veracruz. Cultivated. Seed.
- 484021. Veracruz 204. Mexico. Veracruz. Cultivated. Seed.
- 484022. Tuxpeno Composite. Mexico. Tuxpeno. Cultivated. Seed.
- 484023. Puerto Rico 10. United States. Puerto Rico. Cultivated. Seed.
- 484024. Puerto Rico 13. United States. Puerto Rico. Cultivated. Seed.
- 484025. Dominican Republic 38. Dominican Republic. Cultivated. Seed.
- 484026. Dominican Republic 45. Dominican Republic. Cultivated. Seed.
- 484027. Dominican Republic 131. Dominican Republic. Cultivated. Seed.
- 484028. Dominican Republic 150. Dominican Republic. Cultivated. Seed.
- 484029. Dominican Republic 169. Dominican Republic. Cultivated. Seed.
- 484030. Dominican Republic 188. Dominican Republic. Cultivated. Seed.
- 484031. Dominican Republic 245. Dominican Republic. Cultivated. Seed.
- 484032. Dominican Republic 248. Dominican Republic. Cultivated. Seed.

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484033. Dominican Republic 253. Dominican Republic. Cultivated. Seed.
484034. Dominican Republic 254. Dominican Republic. Cultivated. Seed.
484035. Dominican Republic 300. Dominican Republic. Cultivated. Seed.
484036. Saint Croix 1. Virgin Islands, U.S. Saint Croix. Cultivated. Seed.
484037. Saint Vincent 8. St Vincent. Cultivated. Seed.
484038. Surinam 804. Surinam. Cultivated. Seed.
484039. Brasil 1443. Brazil. Cultivated. Seed.
484040. Guanajuato Grupo 3. Mexico. Guanajuato. Cultivated. Seed.
484041. Michoacan 4. Mexico. Michoacan. Cultivated. Seed.
484042. Michoacan 9. Mexico. Michoacan. Cultivated. Seed.
484043. Michoacan 10. Mexico. Michoacan. Cultivated. Seed.
484044. Michoacan 14. Mexico. Michoacan. Cultivated. Seed.
484045. Michoacan 17. Mexico. Michoacan. Cultivated. Seed.
484046. Michoacan 20. Mexico. Michoacan. Cultivated. Seed.
484047. Michoacan 21. Mexico. Michoacan. Cultivated. Seed.
484048. Michoacan 23. Mexico. Michoacan. Cultivated. Seed.
484049. Michoacan 26. Mexico. Michoacan. Cultivated. Seed.
484050. Michoacan 28. Mexico. Michoacan. Cultivated. Seed.
484051. Michoacan 35. Mexico. Michoacan. Cultivated. Seed.
484052. Michoacan 36. Mexico. Michoacan. Cultivated. Seed.
484053. Michoacan 42. Mexico. Michoacan. Cultivated. Seed.
484054. Michoacan 44. Mexico. Michoacan. Cultivated. Seed.
484055. Michoacan 52. Mexico. Michoacan. Cultivated. Seed.
484056. Michoacan 55. Mexico. Michoacan. Cultivated. Seed.

483470 TO 485519-continued

484057. Michoacan 65. Mexico. Michoacan. Cultivated. Seed.
484058. Michoacan 67. Mexico. Michoacan. Cultivated. Seed.
484059. Michoacan 76. Mexico. Michoacan. Cultivated. Seed.
484060. Michoacan 78. Mexico. Michoacan. Cultivated. Seed.
484061. Michoacan 82. Mexico. Michoacan. Cultivated. Seed.
484062. Michoacan 86. Mexico. Michoacan. Cultivated. Seed.
484063. Michoacan 89. Mexico. Michoacan. Cultivated. Seed.
484064. Michoacan 111. Mexico. Michoacan. Cultivated. Seed.
484065. Michoacan 121. Mexico. Michoacan. Cultivated. Seed.
484066. Michoacan 184. Mexico. Michoacan. Cultivated. Seed.
484067. Michoacan 194. Mexico. Michoacan. Cultivated. Seed.
484068. Michoacan 195. Mexico. Michoacan. Cultivated. Seed.
484069. Michoacan 199. Mexico. Michoacan. Cultivated. Seed.
484070. Michoacan 204. Mexico. Michoacan. Cultivated. Seed.
484071. Michoacan 208. Mexico. Michoacan. Cultivated. Seed.
484072. Michoacan 212. Mexico. Michoacan. Cultivated. Seed.
484073. Michoacan 213. Mexico. Michoacan. Cultivated. Seed.
484074. Michoacan 216. Mexico. Michoacan. Cultivated. Seed.
484075. Michoacan 310. Mexico. Michoacan. Cultivated. Seed.
484076. Michoacan 311. Mexico. Michoacan. Cultivated. Seed.
484077. Michoacan 312. Mexico. Michoacan. Cultivated. Seed.
484078. Michoacan 313. Mexico. Michoacan. Cultivated. Seed.
484079. Michoacan 314. Mexico. Michoacan. Cultivated. Seed.
484080. Michoacan 318. Mexico. Michoacan. Cultivated. Seed.
484081. Michoacan 319. Mexico. Michoacan. Cultivated. Seed.
484082. Michoacan 320. Mexico. Michoacan. Cultivated. Seed.

483470 TO 485519-continued

484083. Michoacan 321. Mexico. Michoacan. Cultivated. Seed.
484084. Michoacan 322. Mexico. Michoacan. Cultivated. Seed.
484085. Michoacan 324. Mexico. Michoacan. Cultivated. Seed.
484086. Michoacan 325. Mexico. Michoacan. Cultivated. Seed.
484087. Michoacan 327. Mexico. Michoacan. Cultivated. Seed.
484088. Michoacan 329. Mexico. Michoacan. Cultivated. Seed.
484089. Michoacan 330. Mexico. Michoacan. Cultivated. Seed.
484090. Michoacan 331. Mexico. Michoacan. Cultivated. Seed.
484091. Michoacan 332. Mexico. Michoacan. Cultivated. Seed.
484092. Michoacan 333. Mexico. Michoacan. Cultivated. Seed.
484093. Michoacan 334. Mexico. Michoacan. Cultivated. Seed.
484094. Michoacan 341. Mexico. Michoacan. Cultivated. Seed.
484095. Michoacan 347. Mexico. Michoacan. Cultivated. Seed.
484096. Michoacan 348. Mexico. Michoacan. Cultivated. Seed.
484097. Michoacan 349. Mexico. Michoacan. Cultivated. Seed.
484098. Michoacan 350. Mexico. Michoacan. Cultivated. Seed.
484099. Michoacan 351. Mexico. Michoacan. Cultivated. Seed.
484100. Michoacan 352. Mexico. Michoacan. Cultivated. Seed.
484101. Michoacan 353. Mexico. Michoacan. Cultivated. Seed.
484102. Michoacan 354. Mexico. Michoacan. Cultivated. Seed.
484103. Michoacan 355. Mexico. Michoacan. Cultivated. Seed.
484104. Michoacan 356. Mexico. Michoacan. Cultivated. Seed.
484105. Michoacan 359. Mexico. Michoacan. Cultivated. Seed.
484106. Michoacan 361. Mexico. Michoacan. Cultivated. Seed.
484107. Michoacan 371. Mexico. Michoacan. Cultivated. Seed.
484108. Michoacan 372. Mexico. Michoacan. Cultivated. Seed.

483470 TO 485519-continued

484109. Michoacan 373. Mexico. Michoacan. Cultivated. Seed.
484110. Michoacan 374. Mexico. Michoacan. Cultivated. Seed.
484111. Michoacan 375. Mexico. Michoacan. Cultivated. Seed.
484112. Michoacan 376. Mexico. Michoacan. Cultivated. Seed.
484113. Michoacan 379. Mexico. Michoacan. Cultivated. Seed.
484114. Michoacan 380. Mexico. Michoacan. Cultivated. Seed.
484115. Michoacan 386. Mexico. Michoacan. Cultivated. Seed.
484116. Michoacan 387. Mexico. Michoacan. Cultivated. Seed.
484117. Michoacan 388. Mexico. Michoacan. Cultivated. Seed.
484118. Michoacan 389. Mexico. Michoacan. Cultivated. Seed.
484119. Michoacan 390. Mexico. Michoacan. Cultivated. Seed.
484120. Michoacan 392. Mexico. Michoacan. Cultivated. Seed.
484121. Michoacan 393. Mexico. Michoacan. Cultivated. Seed.
484122. Michoacan 394. Mexico. Michoacan. Cultivated. Seed.
484123. Michoacan Grupo 8. Mexico. Michoacan. Cultivated. Seed.
484124. Michoacan Grupo 13. Mexico. Michoacan. Cultivated. Seed.
484125. Michoacan Grupo 21. Mexico. Michoacan. Cultivated. Seed.
484126. Michoacan Grupo 23. Mexico. Michoacan. Cultivated. Seed.
484127. Michoacan Grupo 24. Mexico. Michoacan. Cultivated. Seed.
484128. Michoacan Grupo 25. Mexico. Michoacan. Cultivated. Seed.
484129. Michoacan Grupo 26. Mexico. Michoacan. Cultivated. Seed.
484130. Michoacan Grupo 27. Mexico. Michoacan. Cultivated. Seed.
484131. Michoacan Grupo 41. Mexico. Michoacan. Cultivated. Seed.
484132. Michoacan Grupo 43. Mexico. Michoacan. Cultivated. Seed.
484133. Nuevo Leon 16. Mexico. Nuevo Leon. Cultivated. Seed.
484134. Nuevo Leon 20. Mexico. Nuevo Leon. Cultivated. Seed.

483470 TO 485519-continued

484135. Nuevo Leon Grupo 1. Mexico. Nuevo Leon. Cultivated. Seed.
484136. Oaxaca 24. Mexico. Oaxaca. Cultivated. Seed.
484137. Oaxaca 40. Mexico. Oaxaca. Cultivated. Seed.
484138. Oaxaca 46. Mexico. Oaxaca. Cultivated. Seed.
484139. Oaxaca 63. Mexico. Oaxaca. Cultivated. Seed.
484140. Oaxaca 106. Mexico. Oaxaca. Cultivated. Seed.
484141. Oaxaca 116. Mexico. Oaxaca. Cultivated. Seed.
484142. Oaxaca 221. Mexico. Oaxaca. Cultivated. Seed.
484143. Oaxaca 234. Mexico. Oaxaca. Cultivated. Seed.
484144. Oaxaca 259. Mexico. Oaxaca. Cultivated. Seed.
484145. Oaxaca 260. Mexico. Oaxaca. Cultivated. Seed.
484146. Oaxaca 262. Mexico. Oaxaca. Cultivated. Seed.
484147. Oaxaca 269. Mexico. Oaxaca. Cultivated. Seed.
484148. Oaxaca 282. Mexico. Oaxaca. Cultivated. Seed.
484149. Oaxaca 288. Mexico. Oaxaca. Cultivated. Seed.
484150. Oaxaca 289. Mexico. Oaxaca. Cultivated. Seed.
484151. Oaxaca 296. Mexico. Oaxaca. Cultivated. Seed.
484152. Oaxaca 298. Mexico. Oaxaca. Cultivated. Seed.
484153. Oaxaca 299. Mexico. Oaxaca. Cultivated. Seed.
484154. Oaxaca 303. Mexico. Oaxaca. Cultivated. Seed.
484155. Oaxaca 305. Mexico. Oaxaca. Cultivated. Seed.
484156. Oaxaca 306. Mexico. Oaxaca. Cultivated. Seed.
484157. Oaxaca 308. Mexico. Oaxaca. Cultivated. Seed.
484158. Oaxaca 313. Mexico. Oaxaca. Cultivated. Seed.
484159. Oaxaca 325. Mexico. Oaxaca. Cultivated. Seed.
484160. Oaxaca 326. Mexico. Oaxaca. Cultivated. Seed.

483470 TO 485519-continued

484161. Oaxaca 339. Mexico. Oaxaca. Cultivated. Seed.
484162. Oaxaca 342. Mexico. Oaxaca. Cultivated. Seed.
484163. Oaxaca 344. Mexico. Oaxaca. Cultivated. Seed.
484164. Oaxaca 345. Mexico. Oaxaca. Cultivated. Seed.
484165. Oaxaca 350. Mexico. Oaxaca. Cultivated. Seed.
484166. Oaxaca 365. Mexico. Oaxaca. Cultivated. Seed.
484167. Oaxaca 366. Mexico. Oaxaca. Cultivated. Seed.
484168. Oaxaca 368. Mexico. Oaxaca. Cultivated. Seed.
484169. Oaxaca 370. Mexico. Oaxaca. Cultivated. Seed.
484170. Oaxaca 374. Mexico. Oaxaca. Cultivated. Seed.
484171. Oaxaca 375. Mexico. Oaxaca. Cultivated. Seed.
484172. Oaxaca 376. Mexico. Oaxaca. Cultivated. Seed.
484173. Oaxaca 377. Mexico. Oaxaca. Cultivated. Seed.
484174. Oaxaca 378. Mexico. Oaxaca. Cultivated. Seed.
484175. Oaxaca 379. Mexico. Oaxaca. Cultivated. Seed.
484176. Oaxaca 386. Mexico. Oaxaca. Cultivated. Seed.
484177. Oaxaca 392. Mexico. Oaxaca. Cultivated. Seed.
484178. Oaxaca 393. Mexico. Oaxaca. Cultivated. Seed.
484179. Oaxaca 394. Mexico. Oaxaca. Cultivated. Seed.
484180. Oaxaca 395. Mexico. Oaxaca. Cultivated. Seed.
484181. Oaxaca 396. Mexico. Oaxaca. Cultivated. Seed.
484182. Brasil 1580. Brazil. Cultivated. Seed.
484183. Brasil 1581. Brazil. Cultivated. Seed.
484184. Brasil 1582. Brazil. Cultivated. Seed.
484185. Brasil 1583. Brazil. Cultivated. Seed.
484186. Brasil 1596. Brazil. Cultivated. Seed.

483470 TO 485519-continued

484187. Brasil 1597. Brazil. Cultivated. Seed.
484188. Brasil 1609. Brazil. Cultivated. Seed.
484189. Brasil 1610. Brazil. Cultivated. Seed.
484190. Brasil 1624. Brazil. Cultivated. Seed.
484191. Brasil 1625. Brazil. Cultivated. Seed.
484192. Brasil 1627. Brazil. Cultivated. Seed.
484193. Brasil 1630. Brazil. Cultivated. Seed.
484194. Brasil 1631. Brazil. Cultivated. Seed.
484195. Brasil 1632. Brazil. Cultivated. Seed.
484196. Brasil 1635. Brazil. Cultivated. Seed.
484197. Brasil 1637. Brazil. Cultivated. Seed.
484198. Brasil 1641. Brazil. Cultivated. Seed.
484199. Brasil 1643. Brazil. Cultivated. Seed.
484200. Brasil 1647. Brazil. Cultivated. Seed.
484201. Brasil 1648. Brazil. Cultivated. Seed.
484202. Brasil 1649. Brazil. Cultivated. Seed.
484203. Brasil 1652. Brazil. Cultivated. Seed.
484204. Brasil 1653. Brazil. Cultivated. Seed.
484205. Brasil 1654. Brazil. Cultivated. Seed.
484206. Brasil 1655. Brazil. Cultivated. Seed.
484207. Brasil 1656. Brazil. Cultivated. Seed.
484208. Brasil 1657. Brazil. Cultivated. Seed.
484209. Brasil 1658. Brazil. Cultivated. Seed.
484210. Brasil 1660. Brazil. Cultivated. Seed.
484211. Brasil 1664. Brazil. Cultivated. Seed.
484212. Brasil 1665. Brazil. Cultivated. Seed.

483470 TO 485519-continued

484213. Brasil 1666. Brazil. Cultivated. Seed.
484214. Brasil 1670. Brazil. Cultivated. Seed.
484215. Brasil 1671. Brazil. Cultivated. Seed.
484216. Brasil 1674. Brazil. Cultivated. Seed.
484217. Brasil 1675. Brazil. Cultivated. Seed.
484218. Brasil 1676. Brazil. Cultivated. Seed.
484219. Brasil 1681. Brazil. Cultivated. Seed.
484220. Brasil 1682. Brazil. Cultivated. Seed.
484221. Brasil 1688. Brazil. Cultivated. Seed.
484222. Brasil 1689. Brazil. Cultivated. Seed.
484223. Brasil 1692. Brazil. Cultivated. Seed.
484224. Brasil 1693. Brazil. Cultivated. Seed.
484225. Brasil 1694. Brazil. Cultivated. Seed.
484226. Brasil 1702. Brazil. Cultivated. Seed.
484227. Brasil 1705. Brazil. Cultivated. Seed.
484228. Brasil 1712. Brazil. Cultivated. Seed.
484229. Brasil 1717. Brazil. Cultivated. Seed.
484230. Brasil 1719. Brazil. Cultivated. Seed.
484231. Brasil 1722. Brazil. Cultivated. Seed.
484232. Brasil 1724. Brazil. Cultivated. Seed.
484233. Brasil 1726. Brazil. Cultivated. Seed.
484234. Brasil 1730. Brazil. Cultivated. Seed.
484235. Brasil 1732. Brazil. Cultivated. Seed.
484236. Brasil 1734. Brazil. Cultivated. Seed.
484237. Brasil 1735. Brazil. Cultivated. Seed.
484238. Brasil 1741. Brazil. Cultivated. Seed.

483470 TO 485519-continued

484239. Brasil 1743. Brazil. Cultivated. Seed.
484240. Brasil 1744. Brazil. Cultivated. Seed.
484241. Brasil 1745. Brazil. Cultivated. Seed.
484242. Brasil 1748. Brazil. Cultivated. Seed.
484243. Brasil 1750. Brazil. Cultivated. Seed.
484244. Brasil 1751. Brazil. Cultivated. Seed.
484245. Brasil 1755. Brazil. Cultivated. Seed.
484246. Brasil 1756. Brazil. Cultivated. Seed.
484247. Brasil 1757. Brazil. Cultivated. Seed.
484248. Brasil 1760. Brazil. Cultivated. Seed.
484249. Brasil 1765. Brazil. Cultivated. Seed.
484250. Brasil 1766. Brazil. Cultivated. Seed.
484251. Brasil 1767. Brazil. Cultivated. Seed.
484252. Brasil 1769. Brazil. Cultivated. Seed.
484253. Brasil 1770. Brazil. Cultivated. Seed.
484254. Brasil 1771. Brazil. Cultivated. Seed.
484255. Brasil 1772. Brazil. Cultivated. Seed.
484256. Brasil 1774. Brazil. Cultivated. Seed.
484257. Brasil 1777. Brazil. Cultivated. Seed.
484258. Brasil 1792. Brazil. Cultivated. Seed.
484259. Brasil 1794. Brazil. Cultivated. Seed.
484260. Brasil 1796. Brazil. Cultivated. Seed.
484261. Brasil 1798. Brazil. Cultivated. Seed.
484262. Brasil 1799. Brazil. Cultivated. Seed.
484263. Brasil 1803. Brazil. Cultivated. Seed.
484264. Brasil 1808. Brazil. Cultivated. Seed.

483470 TO 485519-continued

484265. Brasil 1814. Brazil. Cultivated. Seed.
484266. Brasil 1815. Brazil. Cultivated. Seed.
484267. Brasil 1817. Brazil. Cultivated. Seed.
484268. Brasil 1822. Brazil. Cultivated. Seed.
484269. Brasil 1826. Brazil. Cultivated. Seed.
484270. Brasil 1831. Brazil. Cultivated. Seed.
484271. Brasil 1836. Brazil. Cultivated. Seed.
484272. Brasil 1841. Brazil. Cultivated. Seed.
484273. Brasil 1842. Brazil. Cultivated. Seed.
484274. Brasil 1843. Brazil. Cultivated. Seed.
484275. Brasil 1846. Brazil. Cultivated. Seed.
484276. Brasil 1850. Brazil. Cultivated. Seed.
484277. Brasil 1857. Brazil. Cultivated. Seed.
484278. Brasil 1859. Brazil. Cultivated. Seed.
484279. Brasil 1860. Brazil. Cultivated. Seed.
484280. Brasil 1863. Brazil. Cultivated. Seed.
484281. Brasil 1864. Brazil. Cultivated. Seed.
484282. Brasil 1865. Brazil. Cultivated. Seed.
484283. Brasil 1868. Brazil. Cultivated. Seed.
484284. Brasil 1869. Brazil. Cultivated. Seed.
484285. Brasil 1871. Brazil. Cultivated. Seed.
484286. Brasil 1873. Brazil. Cultivated. Seed.
484287. Brasil 1874. Brazil. Cultivated. Seed.
484288. Brasil 1875. Brazil. Cultivated. Seed.
484289. Brasil 1876. Brazil. Cultivated. Seed.
484290. Brasil 1878. Brazil. Cultivated. Seed.

483470 TO 485519-continued

484291. Brasil 1879. Brazil. Cultivated. Seed.
484292. Brasil 1887. Brazil. Cultivated. Seed.
484293. Brasil 1889. Brazil. Cultivated. Seed.
484294. Brasil 1892. Brazil. Cultivated. Seed.
484295. Brasil 1894. Brazil. Cultivated. Seed.
484296. Brasil 1896. Brazil. Cultivated. Seed.
484297. Brasil 1898. Brazil. Cultivated. Seed.
484298. Brasil 1899. Brazil. Cultivated. Seed.
484299. Brasil 1900. Brazil. Cultivated. Seed.
484300. Brasil 1910. Brazil. Cultivated. Seed.
484301. Brasil 1911. Brazil. Cultivated. Seed.
484302. Brasil 1912. Brazil. Cultivated. Seed.
484303. Brasil 1914. Brazil. Cultivated. Seed.
484304. Brasil 1917. Brazil. Cultivated. Seed.
484305. Brasil 1924. Brazil. Cultivated. Seed.
484306. Brasil 1925. Brazil. Cultivated. Seed.
484307. Brasil 1930. Brazil. Cultivated. Seed.
484308. Brasil 1935. Brazil. Cultivated. Seed.
484309. Brasil 1937. Brazil. Cultivated. Seed.
484310. Brasil 1944. Brazil. Cultivated. Seed.
484311. Brasil 1950. Brazil. Cultivated. Seed.
484312. Brasil 1951. Brazil. Cultivated. Seed.
484313. Brasil 1952. Brazil. Cultivated. Seed.
484314. Brasil 1955. Brazil. Cultivated. Seed.
484315. Brasil 1961. Brazil. Cultivated. Seed.
484316. Brasil 1963. Brazil. Cultivated. Seed.

483470 TO 485519-continued

- 484317. Brasil 1966. Brazil. Cultivated. Seed.
- 484318. Brasil 1968. Brazil. Cultivated. Seed.
- 484319. Brasil 1974. Brazil. Cultivated. Seed.
- 484320. Brasil 1976. Brazil. Cultivated. Seed.
- 484321. Brasil 1979. Brazil. Cultivated. Seed.
- 484322. Brasil 1981. Brazil. Cultivated. Seed.
- 484323. Brasil 1982. Brazil. Cultivated. Seed.
- 484324. Brasil 1983. Brazil. Cultivated. Seed.
- 484325. Brasil 2007. Brazil. Cultivated. Seed.
- 484326. Mejores Variedades Amarillas. Colombia. Cultivated. Seed.
- 484327. Mejores Variedades Blancas. Colombia. Cultivated. Seed.
- 484328. Honduras 32. Honduras. Cultivated. Seed.
- 484329. Honduras 47. Honduras. Cultivated. Seed.
- 484330. Honduras 48. Honduras. Cultivated. Seed.
- 484331. Honduras 49. Honduras. Cultivated. Seed.
- 484332. Honduras 51. Honduras. Cultivated. Seed.
- 484333. Honduras 53. Honduras. Cultivated. Seed.
- 484334. Honduras 54. Honduras. Cultivated. Seed.
- 484335. Honduras 55. Honduras. Cultivated. Seed.
- 484336. Honduras 58. Honduras. Cultivated. Seed.
- 484337. Honduras 59. Honduras. Cultivated. Seed.
- 484338. Honduras 60. Honduras. Cultivated. Seed.
- 484339. Honduras 64. Honduras. Cultivated. Seed.
- 484340. Honduras 65. Honduras. Cultivated. Seed.
- 484341. Honduras 67. Honduras. Cultivated. Seed.
- 484342. Honduras 68. Honduras. Cultivated. Seed.

483470 TO 485519-continued

484343. Honduras 69. Honduras. Cultivated. Seed.
484344. Honduras 73. Honduras. Cultivated. Seed.
484345. Honduras 74. Honduras. Cultivated. Seed.
484346. Honduras 75. Honduras. Cultivated. Seed.
484347. Honduras 77. Honduras. Cultivated. Seed.
484348. Honduras 84. Honduras. Cultivated. Seed.
484349. Honduras 85. Honduras. Cultivated. Seed.
484350. Honduras 87. Honduras. Cultivated. Seed.
484351. Honduras 88. Honduras. Cultivated. Seed.
484352. Honduras 92. Honduras. Cultivated. Seed.
484353. Honduras 93. Honduras. Cultivated. Seed.
484354. Honduras 94. Honduras. Cultivated. Seed.
484355. Honduras 95. Honduras. Cultivated. Seed.
484356. Honduras 99. Honduras. Cultivated. Seed.
484357. Honduras 101. Honduras. Cultivated. Seed.
484358. Honduras 102. Honduras. Cultivated. Seed.
484359. Honduras 103. Honduras. Cultivated. Seed.
484360. Honduras 106. Honduras. Cultivated. Seed.
484361. Honduras 110. Honduras. Cultivated. Seed.
484362. Honduras 111. Honduras. Cultivated. Seed.
484363. Honduras 112. Honduras. Cultivated. Seed.
484364. Honduras 121. Honduras. Cultivated. Seed.
484365. Honduras 122. Honduras. Cultivated. Seed.
484366. Honduras 125. Honduras. Cultivated. Seed.
484367. Honduras 126. Honduras. Cultivated. Seed.
484368. Honduras 134. Honduras. Cultivated. Seed.

483470 TO 485519-continued

484369. Paraguay 173. Paraguay. Cultivated. Seed.
484370. Uruguay 625. Uruguay. Cultivated. Seed.
484371. Uruguay 630. Uruguay. Cultivated. Seed.
484372. Uruguay 631. Uruguay. Cultivated. Seed.
484373. Uruguay 664. Uruguay. Cultivated. Seed.
484374. Uruguay 667. Uruguay. Cultivated. Seed.
484375. Uruguay 669. Uruguay. Cultivated. Seed.
484376. Uruguay 672. Uruguay. Cultivated. Seed.
484377. Uruguay 685. Uruguay. Cultivated. Seed.
484378. Uruguay 686. Uruguay. Cultivated. Seed.
484379. Uruguay 688. Uruguay. Cultivated. Seed.
484380. Uruguay 689. Uruguay. Cultivated. Seed.
484381. Uruguay 691. Uruguay. Cultivated. Seed.
484382. Uruguay 693. Uruguay. Cultivated. Seed.
484383. Uruguay 697. Uruguay. Cultivated. Seed.
484384. Uruguay 699. Uruguay. Cultivated. Seed.
484385. Uruguay 702. Uruguay. Cultivated. Seed.
484386. Uruguay 705. Uruguay. Cultivated. Seed.
484387. Uruguay 716. Uruguay. Cultivated. Seed.
484388. Uruguay 726. Uruguay. Cultivated. Seed.
484389. Uruguay 730. Uruguay. Cultivated. Seed.
484390. Uruguay 742. Uruguay. Cultivated. Seed.
484391. Michoacan 160. Mexico. Michoacan. Cultivated. Seed.
484392. Brasil 1687. Brazil. Cultivated. Seed.
484393. Brasil 1788. Brazil. Cultivated. Seed.
484394. Brasil 1901. Brazil. Cultivated. Seed.

483470 TO 485519-continued

484395. Brasil 1902. Brazil. Cultivated. Seed.
484396. Brasil 2034. Brazil. Cultivated. Seed.
484397. Brasil 2109. Brazil. Cultivated. Seed.
484398. Brasil 2112. Brazil. Cultivated. Seed.
484399. Brasil 2113. Brazil. Cultivated. Seed.
484400. Aguascalientes 6. Mexico. Aguascalientes. Cultivated. Seed.
484401. Aguascalientes 8. Mexico. Aguascalientes. Cultivated. Seed.
484402. Chihuahua 124. Mexico. Chihuahua. Cultivated. Seed.
484403. Chihuahua 125. Mexico. Chihuahua. Cultivated. Seed.
484404. Chihuahua 129. Mexico. Chihuahua. Cultivated. Seed.
484405. Chihuahua 130. Mexico. Chihuahua. Cultivated. Seed.
484406. Chihuahua 131. Mexico. Chihuahua. Cultivated. Seed.
484407. Chihuahua 132. Mexico. Chihuahua. Cultivated. Seed.
484408. Chihuahua 133. Mexico. Chihuahua. Cultivated. Seed.
484409. Chihuahua 134. Mexico. Chihuahua. Cultivated. Seed.
484410. Chihuahua 135. Mexico. Chihuahua. Cultivated. Seed.
484411. Chihuahua 136. Mexico. Chihuahua. Cultivated. Seed.
484412. Chihuahua 137. Mexico. Chihuahua. Cultivated. Seed.
484413. Chihuahua 138. Mexico. Chihuahua. Cultivated. Seed.
484414. Chihuahua 139. Mexico. Chihuahua. Cultivated. Seed.
484415. Chihuahua 140. Mexico. Chihuahua. Cultivated. Seed.
484416. Chihuahua 141. Mexico. Chihuahua. Cultivated. Seed.
484417. Chihuahua 142. Mexico. Chihuahua. Cultivated. Seed.
484418. Chihuahua 144. Mexico. Chihuahua. Cultivated. Seed.
484419. Chihuahua 145. Mexico. Chihuahua. Cultivated. Seed.

483470 TO 485519-continued

484420. Chihuahua 146. Mexico. Chihuahua. Cultivated. Seed.
484421. Chihuahua 147. Mexico. Chihuahua. Cultivated. Seed.
484422. Chihuahua 148. Mexico. Chihuahua. Cultivated. Seed.
484423. Chihuahua 149. Mexico. Chihuahua. Cultivated. Seed.
484424. Chihuahua 150. Mexico. Chihuahua. Cultivated. Seed.
484425. Chihuahua 151. Mexico. Chihuahua. Cultivated. Seed.
484426. Chihuahua 152. Mexico. Chihuahua. Cultivated. Seed.
484427. Chihuahua 153. Mexico. Chihuahua. Cultivated. Seed.
484428. Chihuahua 154. Mexico. Chihuahua. Cultivated. Seed.
484429. Chihuahua 155. Mexico. Chihuahua. Cultivated. Seed.
484430. Chihuahua 156. Mexico. Chihuahua. Cultivated. Seed.
484431. Chihuahua 158. Mexico. Chihuahua. Cultivated. Seed.
484432. Chihuahua 159. Mexico. Chihuahua. Cultivated. Seed.
484433. Chihuahua 160. Mexico. Chihuahua. Cultivated. Seed.
484434. Chihuahua 162. Mexico. Chihuahua. Cultivated. Seed.
484435. Chihuahua 163. Mexico. Chihuahua. Cultivated. Seed.
484436. Chihuahua 165. Mexico. Chihuahua. Cultivated. Seed.
484437. Chihuahua 168. Mexico. Chihuahua. Cultivated. Seed.
484438. Chihuahua 169. Mexico. Chihuahua. Cultivated. Seed.
484439. Chihuahua 174. Mexico. Chihuahua. Cultivated. Seed.
484440. Chihuahua 176. Mexico. Chihuahua. Cultivated. Seed.
484441. Chihuahua 177. Mexico. Chihuahua. Cultivated. Seed.
484442. Chihuahua 178. Mexico. Chihuahua. Cultivated. Seed.
484443. Chihuahua 179. Mexico. Chihuahua. Cultivated. Seed.
484444. Chihuahua 181. Mexico. Chihuahua. Cultivated. Seed.
484445. Chihuahua 182. Mexico. Chihuahua. Cultivated. Seed.

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484446. Chihuahua 183. Mexico. Chihuahua. Cultivated. Seed.
484447. Chihuahua 184. Mexico. Chihuahua. Cultivated. Seed.
484448. Chihuahua 185. Mexico. Chihuahua. Cultivated. Seed.
484449. Chihuahua 186. Mexico. Chihuahua. Cultivated. Seed.
484450. Chihuahua 187. Mexico. Chihuahua. Cultivated. Seed.
484451. Chihuahua 188. Mexico. Chihuahua. Cultivated. Seed.
484452. Chihuahua 189. Mexico. Chihuahua. Cultivated. Seed.
484453. Chihuahua 190. Mexico. Chihuahua. Cultivated. Seed.
484454. Chihuahua 191. Mexico. Chihuahua. Cultivated. Seed.
484455. Chihuahua 192. Mexico. Chihuahua. Cultivated. Seed.
484456. Chihuahua 193. Mexico. Chihuahua. Cultivated. Seed.
484457. Chihuahua 194. Mexico. Chihuahua. Cultivated. Seed.
484458. Chihuahua 195. Mexico. Chihuahua. Cultivated. Seed.
484459. Chihuahua 196. Mexico. Chihuahua. Cultivated. Seed.
484460. Chihuahua 197. Mexico. Chihuahua. Cultivated. Seed.
484461. Chihuahua 198. Mexico. Chihuahua. Cultivated. Seed.
484462. Chihuahua 199. Mexico. Chihuahua. Cultivated. Seed.
484463. Chihuahua 200. Mexico. Chihuahua. Cultivated. Seed.
484464. Chihuahua 202. Mexico. Chihuahua. Cultivated. Seed.
484465. Chihuahua 203. Mexico. Chihuahua. Cultivated. Seed.
484466. Chihuahua 204. Mexico. Chihuahua. Cultivated. Seed.
484467. Chihuahua 205. Mexico. Chihuahua. Cultivated. Seed.
484468. Chihuahua 206. Mexico. Chihuahua. Cultivated. Seed.
484469. Chihuahua 207. Mexico. Chihuahua. Cultivated. Seed.
484470. Chihuahua 208. Mexico. Chihuahua. Cultivated. Seed.
484471. Chihuahua 209. Mexico. Chihuahua. Cultivated. Seed.

483470 TO 485519-continued

484472. Chihuahua 210. Mexico. Chihuahua. Cultivated. Seed.
484473. Chihuahua 211. Mexico. Chihuahua. Cultivated. Seed.
484474. Chihuahua 212. Mexico. Chihuahua. Cultivated. Seed.
484475. Chihuahua 213. Mexico. Chihuahua. Cultivated. Seed.
484476. Chihuahua 214. Mexico. Chihuahua. Cultivated. Seed.
484477. Chihuahua 215. Mexico. Chihuahua. Cultivated. Seed.
484478. Chihuahua 216. Mexico. Chihuahua. Cultivated. Seed.
484479. Chihuahua 217. Mexico. Chihuahua. Cultivated. Seed.
484480. Chihuahua 218. Mexico. Chihuahua. Cultivated. Seed.
484481. Chihuahua 219. Mexico. Chihuahua. Cultivated. Seed.
484482. Chihuahua 220. Mexico. Chihuahua. Cultivated. Seed.
484483. Chihuahua 221. Mexico. Chihuahua. Cultivated. Seed.
484484. Chihuahua 223. Mexico. Chihuahua. Cultivated. Seed.
484485. Chihuahua 224. Mexico. Chihuahua. Cultivated. Seed.
484486. Chihuahua 225. Mexico. Chihuahua. Cultivated. Seed.
484487. Chihuahua 226. Mexico. Chihuahua. Cultivated. Seed.
484488. Chihuahua 227. Mexico. Chihuahua. Cultivated. Seed.
484489. Chihuahua 228. Mexico. Chihuahua. Cultivated. Seed.
484490. Chihuahua 229. Mexico. Chihuahua. Cultivated. Seed.
484491. Chihuahua 231. Mexico. Chihuahua. Cultivated. Seed.
484492. Chihuahua 232. Mexico. Chihuahua. Cultivated. Seed.
484493. Chihuahua 242. Mexico. Chihuahua. Cultivated. Seed.
484494. Chihuahua 243. Mexico. Chihuahua. Cultivated. Seed.
484495. Chihuahua 244. Mexico. Chihuahua. Cultivated. Seed.
484496. Chihuahua 245. Mexico. Chihuahua. Cultivated. Seed.
484497. Chihuahua 246. Mexico. Chihuahua. Cultivated. Seed.

483470 TO 485519-continued

484498. Chihuahua 247. Mexico. Chihuahua. Cultivated. Seed.
484499. Chihuahua 248. Mexico. Chihuahua. Cultivated. Seed.
484500. Chihuahua 249. Mexico. Chihuahua. Cultivated. Seed.
484501. Chihuahua 251. Mexico. Chihuahua. Cultivated. Seed.
484502. Chihuahua 252. Mexico. Chihuahua. Cultivated. Seed.
484503. Chihuahua 253. Mexico. Chihuahua. Cultivated. Seed.
484504. Chihuahua 254. Mexico. Chihuahua. Cultivated. Seed.
484505. Chihuahua 255. Mexico. Chihuahua. Cultivated. Seed.
484506. Chihuahua 256. Mexico. Chihuahua. Cultivated. Seed.
484507. Chihuahua 257. Mexico. Chihuahua. Cultivated. Seed.
484508. Chihuahua 258. Mexico. Chihuahua. Cultivated. Seed.
484509. Chihuahua 259. Mexico. Chihuahua. Cultivated. Seed.
484510. Chihuahua 260. Mexico. Chihuahua. Cultivated. Seed.
484511. Durango 12. Mexico. Durango. Cultivated. Seed.
484512. Durango 138. Mexico. Durango. Cultivated. Seed.
484513. Durango 140. Mexico. Durango. Cultivated. Seed.
484514. Durango 141. Mexico. Durango. Cultivated. Seed.
484515. Durango 142. Mexico. Durango. Cultivated. Seed.
484516. Durango 143. Mexico. Durango. Cultivated. Seed.
484517. Durango 145. Mexico. Durango. Cultivated. Seed.
484518. Durango 146. Mexico. Durango. Cultivated. Seed.
484519. Durango 152. Mexico. Durango. Cultivated. Seed.
484520. Durango 156. Mexico. Durango. Cultivated. Seed.
484521. Durango 158. Mexico. Durango. Cultivated. Seed.
484522. Durango 159. Mexico. Durango. Cultivated. Seed.
484523. Durango 160. Mexico. Durango. Cultivated. Seed.

483470 TO 485519-continued

484524. Durango 161. Mexico. Durango. Cultivated. Seed.
484525. Durango 163. Mexico. Durango. Cultivated. Seed.
484526. Durango 164. Mexico. Durango. Cultivated. Seed.
484527. Durango 165. Mexico. Durango. Cultivated. Seed.
484528. Durango 166. Mexico. Durango. Cultivated. Seed.
484529. Durango 167. Mexico. Durango. Cultivated. Seed.
484530. Durango 169. Mexico. Durango. Cultivated. Seed.
484531. Durango 170. Mexico. Durango. Cultivated. Seed.
484532. Durango 172. Mexico. Durango. Cultivated. Seed.
484533. Durango 175. Mexico. Durango. Cultivated. Seed.
484534. Durango 176. Mexico. Durango. Cultivated. Seed.
484535. Durango 177. Mexico. Durango. Cultivated. Seed.
484536. Durango 178. Mexico. Durango. Cultivated. Seed.
484537. Durango 179. Mexico. Durango. Cultivated. Seed.
484538. Durango 180. Mexico. Durango. Cultivated. Seed.
484539. Durango 181. Mexico. Durango. Cultivated. Seed.
484540. Durango 182. Mexico. Durango. Cultivated. Seed.
484541. Durango 183. Mexico. Durango. Cultivated. Seed.
484542. Durango 184. Mexico. Durango. Cultivated. Seed.
484543. Durango 185. Mexico. Durango. Cultivated. Seed.
484544. Durango 186. Mexico. Durango. Cultivated. Seed.
484545. Durango 188. Mexico. Durango. Cultivated. Seed.
484546. Durango 189. Mexico. Durango. Cultivated. Seed.
484547. Durango 190. Mexico. Durango. Cultivated. Seed.
484548. Durango 194. Mexico. Durango. Cultivated. Seed.
484549. Durango 195. Mexico. Durango. Cultivated. Seed.

483470 TO 485519-continued

484550. Durango 197. Mexico. Durango. Cultivated. Seed.
484551. Durango 198. Mexico. Durango. Cultivated. Seed.
484552. Durango 199. Mexico. Durango. Cultivated. Seed.
484553. Durango 200. Mexico. Durango. Cultivated. Seed.
484554. Durango 201. Mexico. Durango. Cultivated. Seed.
484555. Durango 202. Mexico. Durango. Cultivated. Seed.
484556. Durango 203. Mexico. Durango. Cultivated. Seed.
484557. Durango 204. Mexico. Durango. Cultivated. Seed.
484558. Hidalgo 7. Mexico. Hidalgo. Cultivated. Seed.
484559. Hidalgo 29. Mexico. Hidalgo. Cultivated. Seed.
484560. Jalisco 273. Mexico. Jalisco. Cultivated. Seed.
484561. Jalisco 287. Mexico. Jalisco. Cultivated. Seed.
484562. Jalisco 288. Mexico. Jalisco. Cultivated. Seed.
484563. Jalisco 289. Mexico. Jalisco. Cultivated. Seed.
484564. Jalisco 291. Mexico. Jalisco. Cultivated. Seed.
484565. Jalisco 294. Mexico. Jalisco. Cultivated. Seed.
484566. Jalisco 295. Mexico. Jalisco. Cultivated. Seed.
484567. Jalisco 297. Mexico. Jalisco. Cultivated. Seed.
484568. Jalisco 298. Mexico. Jalisco. Cultivated. Seed.
484569. Jalisco 299. Mexico. Jalisco. Cultivated. Seed.
484570. Jalisco 300. Mexico. Jalisco. Cultivated. Seed.
484571. Jalisco 301. Mexico. Jalisco. Cultivated. Seed.
484572. Jalisco 302. Mexico. Jalisco. Cultivated. Seed.
484573. Jalisco 303. Mexico. Jalisco. Cultivated. Seed.
484574. Jalisco 304. Mexico. Jalisco. Cultivated. Seed.
484575. Jalisco 305. Mexico. Jalisco. Cultivated. Seed.

483470 TO 485519-continued

484576. Jalisco 306. Mexico. Jalisco. Cultivated. Seed.
484577. Jalisco 307. Mexico. Jalisco. Cultivated. Seed.
484578. Mexico 2. Mexico. Cultivated. Seed.
484579. Mexico 3. Mexico. Cultivated. Seed.
484580. Mexico 5. Mexico. Cultivated. Seed.
484581. Mexico 6. Mexico. Cultivated. Seed.
484582. Mexico 13. Mexico. Cultivated. Seed.
484583. Mexico 14. Mexico. Cultivated. Seed.
484584. Mexico 15. Mexico. Cultivated. Seed.
484585. Mexico 64. Mexico. Cultivated. Seed.
484586. Mexico 84. Mexico. Cultivated. Seed.
484587. Mexico 102. Mexico. Cultivated. Seed.
484588. Mexico 106. Mexico. Cultivated. Seed.
484589. Mexico 208. Mexico. Cultivated. Seed.
484590. Mexico 210. Mexico. Cultivated. Seed.
484591. Mexico 212. Mexico. Cultivated. Seed.
484592. Michoacan 119. Mexico. Michoacan. Cultivated. Seed.
484593. Nayarit 195. Mexico. Nayarit. Cultivated. Seed.
484594. Puebla 18. Mexico. Puebla. Cultivated. Seed.
484595. Puebla 32. Mexico. Puebla. Cultivated. Seed.
484596. Puebla 55. Mexico. Puebla. Cultivated. Seed.
484597. Puebla 76. Mexico. Puebla. Cultivated. Seed.
484598. Puebla 85. Mexico. Puebla. Cultivated. Seed.
484599. Puebla 91. Mexico. Puebla. Cultivated. Seed.
484600. Puebla 94. Mexico. Puebla. Cultivated. Seed.
484601. Puebla 116. Mexico. Puebla. Cultivated. Seed.

483470 TO 485519-continued

484602. Puebla 127. Mexico. Puebla. Cultivated. Seed.
484603. Puebla 133. Mexico. Puebla. Cultivated. Seed.
484604. Puebla 136. Mexico. Puebla. Cultivated. Seed.
484605. Puebla 174. Mexico. Puebla. Cultivated. Seed.
484606. Puebla 186. Mexico. Puebla. Cultivated. Seed.
484607. Puebla 188. Mexico. Puebla. Cultivated. Seed.
484608. Puebla 191. Mexico. Puebla. Cultivated. Seed.
484609. Puebla 192. Mexico. Puebla. Cultivated. Seed.
484610. Puebla 200. Mexico. Puebla. Cultivated. Seed.
484611. Puebla 225. Mexico. Puebla. Cultivated. Seed.
484612. Puebla Grupo 43. Mexico. Puebla. Cultivated. Seed.
484613. Puebla Grupo 56. Mexico. Puebla. Cultivated. Seed.
484614. Puebla Grupo 68. Mexico. Puebla. Cultivated. Seed.
484615. Puebla Grupo 73. Mexico. Puebla. Cultivated. Seed.
484616. Queretaro 1. Mexico. Queretaro. Cultivated. Seed.
484617. Tlaxcala 2. Mexico. Tlaxcala. Cultivated. Seed.
484618. Veracruz 84. Mexico. Veracruz. Cultivated. Seed.
484619. Veracruz 87. Mexico. Veracruz. Cultivated. Seed.
484620. Veracruz Grupo 53. Mexico. Veracruz. Cultivated. Seed.
484621. Veracruz Grupo 54. Mexico. Veracruz. Cultivated. Seed.
484622. Zacatecas 7. Mexico. Zacatecas. Cultivated. Seed.
484623. Zacatecas 168. Mexico. Zacatecas. Cultivated. Seed.
484624. Zacatecas 175. Mexico. Zacatecas. Cultivated. Seed.
484625. Zacatecas 177. Mexico. Zacatecas. Cultivated. Seed.
484626. Zacatecas 178. Mexico. Zacatecas. Cultivated. Seed.
484627. Zacatecas 179. Mexico. Zacatecas. Cultivated. Seed.

483470 TO 485519-continued

484628. Zacatecas 180. Mexico. Zacatecas. Cultivated. Seed.
484629. Zacatecas 181. Mexico. Zacatecas. Cultivated. Seed.
484630. Zacatecas 184. Mexico. Zacatecas. Cultivated. Seed.
484631. Zacatecas 185. Mexico. Zacatecas. Cultivated. Seed.
484632. Zacatecas 186. Mexico. Zacatecas. Cultivated. Seed.
484633. Zacatecas 188. Mexico. Zacatecas. Cultivated. Seed.
484634. Zacatecas 189. Mexico. Zacatecas. Cultivated. Seed.
484635. Zacatecas 193. Mexico. Zacatecas. Cultivated. Seed.
484636. Zacatecas 192. Mexico. Zacatecas. Cultivated. Seed.
484637. Zacatecas 195. Mexico. Zacatecas. Cultivated. Seed.
484638. Zacatecas 196. Mexico. Zacatecas. Cultivated. Seed.
484639. Zacatecas 197. Mexico. Zacatecas. Cultivated. Seed.
484640. Zacatecas 199. Mexico. Zacatecas. Cultivated. Seed.
484641. Zacatecas 201. Mexico. Zacatecas. Cultivated. Seed.
484642. Zacatecas 204. Mexico. Zacatecas. Cultivated. Seed.
484643. Zacatecas 208. Mexico. Zacatecas. Cultivated. Seed.
484644. Zacatecas 210. Mexico. Zacatecas. Cultivated. Seed.
484645. Zacatecas 211. Mexico. Zacatecas. Cultivated. Seed.
484646. Zacatecas 212. Mexico. Zacatecas. Cultivated. Seed.
484647. Aguascalientes 33. Mexico. Aguascalientes. Cultivated.
Seed.
484648. Chihuahua 1. Mexico. Chihuahua. Cultivated. Seed.
484649. Chihuahua 5. Mexico. Chihuahua. Cultivated. Seed.
484650. Chihuahua 6. Mexico. Chihuahua. Cultivated. Seed.
484651. Chihuahua 8. Mexico. Chihuahua. Cultivated. Seed.
484652. Chihuahua 9. Mexico. Chihuahua. Cultivated. Seed.
484653. Chihuahua 10. Mexico. Chihuahua. Cultivated. Seed.

483470 TO 485519-continued

484654. Chihuahua 11. Mexico. Chihuahua. Cultivated. Seed.
484655. Chihuahua 12. Mexico. Chihuahua. Cultivated. Seed.
484656. Chihuahua 17. Mexico. Chihuahua. Cultivated. Seed.
484657. Chihuahua 21. Mexico. Chihuahua. Cultivated. Seed.
484658. Chihuahua 28. Mexico. Chihuahua. Cultivated. Seed.
484659. Chihuahua 29. Mexico. Chihuahua. Cultivated. Seed.
484660. Chihuahua 35. Mexico. Chihuahua. Cultivated. Seed.
484661. Chihuahua 46. Mexico. Chihuahua. Cultivated. Seed.
484662. Chihuahua 51. Mexico. Chihuahua. Cultivated. Seed.
484663. Chihuahua 70. Mexico. Chihuahua. Cultivated. Seed.
484664. Chihuahua 71. Mexico. Chihuahua. Cultivated. Seed.
484665. Chihuahua 74. Mexico. Chihuahua. Cultivated. Seed.
484666. Chihuahua 80. Mexico. Chihuahua. Cultivated. Seed.
484667. Chihuahua 88. Mexico. Chihuahua. Cultivated. Seed.
484668. Chihuahua 91. Mexico. Chihuahua. Cultivated. Seed.
484669. Chihuahua 96. Mexico. Chihuahua. Cultivated. Seed.
484670. Durango 28. Mexico. Durango. Cultivated. Seed.
484671. Durango 30. Mexico. Durango. Cultivated. Seed.
484672. Guanajuato 27. Mexico. Guanajuato. Cultivated. Seed.
484673. Guanajuato 28. Mexico. Guanajuato. Cultivated. Seed.
484674. Guanajuato 29. Mexico. Guanajuato. Cultivated. Seed.
484675. Guanajuato 35. Mexico. Guanajuato. Cultivated. Seed.
484676. Guanajuato 47. Mexico. Guanajuato. Cultivated. Seed.
484677. Guanajuato 65. Mexico. Guanajuato. Cultivated. Seed.
484678. Guanajuato 79. Mexico. Guanajuato. Cultivated. Seed.
484679. Guanajuato 85. Mexico. Guanajuato. Cultivated. Seed.

483470 TO 485519-continued

- 484680. Guanajuato 86. Mexico. Guanajuato. Cultivated. Seed.
- 484681. Guanajuato 88. Mexico. Guanajuato. Cultivated. Seed.
- 484682. Guanajuato 96. Mexico. Guanajuato. Cultivated. Seed.
- 484683. Guanajuato 264. Mexico. Guanajuato. Cultivated. Seed.
- 484684. Guanajuato Grupo 1. Mexico. Guanajuato. Cultivated. Seed.
- 484685. Guerrero 77. Mexico. Guerrero. Cultivated. Seed.
- 484686. Hidalgo 43. Mexico. Hidalgo. Cultivated. Seed.
- 484687. Hidalgo 45. Mexico. Hidalgo. Cultivated. Seed.
- 484688. Hidalgo 46. Mexico. Hidalgo. Cultivated. Seed.
- 484689. Hidalgo Grupo 4. Mexico. Hidalgo. Cultivated. Seed.
- 484690. Hidalgo Grupo 5. Mexico. Hidalgo. Cultivated. Seed.
- 484691. Hidalgo Grupo 7. Mexico. Hidalgo. Cultivated. Seed.
- 484692. Jalisco 7. Mexico. Jalisco. Cultivated. Seed.
- 484693. Jalisco 11. Mexico. Jalisco. Cultivated. Seed.
- 484694. Jalisco 23. Mexico. Jalisco. Cultivated. Seed.
- 484695. Jalisco 28. Mexico. Jalisco. Cultivated. Seed.
- 484696. Jalisco 31. Mexico. Jalisco. Cultivated. Seed.
- 484697. Jalisco 32. Mexico. Jalisco. Cultivated. Seed.
- 484698. Jalisco 33. Mexico. Jalisco. Cultivated. Seed.
- 484699. Jalisco 35. Mexico. Jalisco. Cultivated. Seed.
- 484700. Jalisco 36. Mexico. Jalisco. Cultivated. Seed.
- 484701. Jalisco 37. Mexico. Jalisco. Cultivated. Seed.
- 484702. Jalisco 40. Mexico. Jalisco. Cultivated. Seed.
- 484703. Jalisco 42. Mexico. Jalisco. Cultivated. Seed.
- 484704. Jalisco 44. Mexico. Jalisco. Cultivated. Seed.
- 484705. Jalisco 51. Mexico. Jalisco. Cultivated. Seed.

483470 TO 485519-continued

484706. Jalisco 52. Mexico. Jalisco. Cultivated. Seed.
484707. Jalisco 55. Mexico. Jalisco. Cultivated. Seed.
484708. Jalisco 56. Mexico. Jalisco. Cultivated. Seed.
484709. Jalisco 61. Mexico. Jalisco. Cultivated. Seed.
484710. Jalisco 63. Mexico. Jalisco. Cultivated. Seed.
484711. Jalisco 69. Mexico. Jalisco. Cultivated. Seed.
484712. Jalisco 72. Mexico. Jalisco. Cultivated. Seed.
484713. Jalisco 76. Mexico. Jalisco. Cultivated. Seed.
484714. Jalisco 84. Mexico. Jalisco. Cultivated. Seed.
484715. Jalisco 87. Mexico. Jalisco. Cultivated. Seed.
484716. Jalisco 99. Mexico. Jalisco. Cultivated. Seed.
484717. Jalisco 101. Mexico. Jalisco. Cultivated. Seed.
484718. Jalisco 103. Mexico. Jalisco. Cultivated. Seed.
484719. Jalisco 126. Mexico. Jalisco. Cultivated. Seed.
484720. Jalisco 134. Mexico. Jalisco. Cultivated. Seed.
484721. Jalisco 137. Mexico. Jalisco. Cultivated. Seed.
484722. Jalisco 152. Mexico. Jalisco. Cultivated. Seed.
484723. Jalisco 163. Mexico. Jalisco. Cultivated. Seed.
484724. Jalisco 180. Mexico. Jalisco. Cultivated. Seed.
484725. Jalisco 189. Mexico. Jalisco. Cultivated. Seed.
484726. Jalisco 197. Mexico. Jalisco. Cultivated. Seed.
484727. Jalisco 216. Mexico. Jalisco. Cultivated. Seed.
484728. Jalisco 218. Mexico. Jalisco. Cultivated. Seed.
484729. Jalisco 219. Mexico. Jalisco. Cultivated. Seed.
484730. Jalisco 221. Mexico. Jalisco. Cultivated. Seed.
484731. Jalisco 228. Mexico. Jalisco. Cultivated. Seed.

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- 484732. Jalisco 232. Mexico. Jalisco. Cultivated. Seed.
- 484733. Jalisco 234. Mexico. Jalisco. Cultivated. Seed.
- 484734. Jalisco 238. Mexico. Jalisco. Cultivated. Seed.
- 484735. Jalisco 245. Mexico. Jalisco. Cultivated. Seed.
- 484736. Jalisco 246. Mexico. Jalisco. Cultivated. Seed.
- 484737. Jalisco 251. Mexico. Jalisco. Cultivated. Seed.
- 484738. Jalisco 252. Mexico. Jalisco. Cultivated. Seed.
- 484739. Jalisco 253. Mexico. Jalisco. Cultivated. Seed.
- 484740. Jalisco 255. Mexico. Jalisco. Cultivated. Seed.
- 484741. Jalisco Grupo 23. Mexico. Jalisco. Cultivated. Seed.
- 484742. Jalisco Grupo 31. Mexico. Jalisco. Cultivated. Seed.
- 484743. Jalisco Grupo 35. Mexico. Jalisco. Cultivated. Seed.
- 484744. Jalisco Grupo 49 A. Mexico. Jalisco. Cultivated. Seed.
- 484745. Jalisco Grupo 50. Mexico. Jalisco. Cultivated. Seed.
- 484746. Jalisco Grupo 52. Mexico. Jalisco. Cultivated. Seed.
- 484747. Jalisco Grupo 53. Mexico. Jalisco. Cultivated. Seed.
- 484748. Jalisco Grupo 66. Mexico. Jalisco. Cultivated. Seed.
- 484749. Puebla 98. Mexico. Puebla. Cultivated. Seed.
- 484750. Puebla 195. Mexico. Puebla. Cultivated. Seed.
- 484751. Puebla 196. Mexico. Puebla. Cultivated. Seed.
- 484752. Puebla 229. Mexico. Puebla. Cultivated. Seed.
- 484753. Puebla 235. Mexico. Puebla. Cultivated. Seed.
- 484754. Puebla 237. Mexico. Puebla. Cultivated. Seed.
- 484755. Queretaro 32. Mexico. Queretaro. Cultivated. Seed.
- 484756. Queretaro 51. Mexico. Queretaro. Cultivated. Seed.
- 484757. Queretaro Grupo 14. Mexico. Queretaro. Cultivated. Seed.

483470 TO 485519-continued

484758. San Luis Potosi 23. Mexico. San Luis Potosi. Cultivated.
Seed.
484759. San Luis Potosi 26. Mexico. San Luis Potosi. Cultivated.
Seed.
484760. San Luis Potosi 36. Mexico. San Luis Potosi. Cultivated.
Seed.
484761. San Luis Potosi 37. Mexico. San Luis Potosi. Cultivated.
Seed.
484762. San Luis Potosi 43. Mexico. San Luis Potosi. Cultivated.
Seed.
484763. San Luis Potosi 48. Mexico. San Luis Potosi. Cultivated.
Seed.
484764. San Luis Potosi 54. Mexico. San Luis Potosi. Cultivated.
Seed.
484765. San Luis Potosi 58. Mexico. San Luis Potosi. Cultivated.
Seed.
484766. San Luis Potosi 77. Mexico. San Luis Potosi. Cultivated.
Seed.
484767. San Luis Potosi 78. Mexico. San Luis Potosi. Cultivated.
Seed.
484768. San Luis Potosi 86. Mexico. San Luis Potosi. Cultivated.
Seed.
484769. San Luis Potosi 95. Mexico. San Luis Potosi. Cultivated.
Seed.
484770. San Luis Potosi 97. Mexico. San Luis Potosi. Cultivated.
Seed.
484771. San Luis Potosi 100. Mexico. San Luis Potosi. Cultivated.
Seed.
484772. San Luis Potosi 106. Mexico. San Luis Potosi. Cultivated.
Seed.
484773. San Luis Potosi 111. Mexico. San Luis Potosi. Cultivated.
Seed.
484774. San Luis Potosi 124. Mexico. San Luis Potosi. Cultivated.
Seed.
484775. San Luis Potosi 126. Mexico. San Luis Potosi. Cultivated.

483470 TO 485519-continued
Seed.

484776. San Luis Potosi 127. Mexico. San Luis Potosi. Cultivated. Seed.
484777. San Luis Potosi 128. Mexico. San Luis Potosi. Cultivated. Seed.
484778. San Luis Potosi 129. Mexico. San Luis Potosi. Cultivated. Seed.
484779. San Luis Potosi 133. Mexico. San Luis Potosi. Cultivated. Seed.
484780. San Luis Potosi 135. Mexico. San Luis Potosi. Cultivated. Seed.
484781. San Luis Potosi 136. Mexico. San Luis Potosi. Cultivated. Seed.
484782. San Luis Potosi 139. Mexico. San Luis Potosi. Cultivated. Seed.
484783. San Luis Potosi 150. Mexico. San Luis Potosi. Cultivated. Seed.
484784. Campeche 6. Mexico. Campeche. Cultivated. Seed.
484785. Campeche 35 C. Mexico. Campeche. Cultivated. Seed.
484786. Campeche 70. Mexico. Campeche. Cultivated. Seed.
484787. Campeche Grupo 1. Mexico. Campeche. Cultivated. Seed.
484788. Coahuila 14. Mexico. Coahuila. Cultivated. Seed.
484789. Coahuila 16. Mexico. Coahuila. Cultivated. Seed.
484790. Coahuila 39. Mexico. Coahuila. Cultivated. Seed.
484791. Coahuila 44. Mexico. Coahuila. Cultivated. Seed.
484792. Coahuila 47. Mexico. Coahuila. Cultivated. Seed.
484793. Coahuila 51. Mexico. Coahuila. Cultivated. Seed.
484794. Coahuila 60. Mexico. Coahuila. Cultivated. Seed.
484795. Coahuila 64. Mexico. Coahuila. Cultivated. Seed.
484796. Colima 2. Mexico. Colima. Cultivated. Seed.
484797. Colima 4. Mexico. Colima. Cultivated. Seed.

483470 TO 485519-continued

- 484798. Colima 19. Mexico. Colima. Cultivated. Seed.
- 484799. Colima 21. Mexico. Colima. Cultivated. Seed.
- 484800. Colima 23. Mexico. Colima. Cultivated. Seed.
- 484801. Chiapas 5. Mexico. Chiapas. Cultivated. Seed.
- 484802. Chiapas 27. Mexico. Chiapas. Cultivated. Seed.
- 484803. Chiapas 41. Mexico. Chiapas. Cultivated. Seed.
- 484804. Chiapas 51. Mexico. Chiapas. Cultivated. Seed.
- 484805. Chiapas 56. Mexico. Chiapas. Cultivated. Seed.
- 484806. Chiapas 58. Mexico. Chiapas. Cultivated. Seed.
- 484807. Chiapas 64. Mexico. Chiapas. Cultivated. Seed.
- 484808. Chiapas 81. Mexico. Chiapas. Cultivated. Seed.
- 484809. Chiapas 98. Mexico. Chiapas. Cultivated. Seed.
- 484810. Chiapas 160. Mexico. Chiapas. Cultivated. Seed.
- 484811. Chiapas 165. Mexico. Chiapas. Cultivated. Seed.
- 484812. Durango 1. Mexico. Durango. Cultivated. Seed.
- 484813. Guerrero 8. Mexico. Guerrero. Cultivated. Seed.
- 484814. Guerrero 9. Mexico. Guerrero. Cultivated. Seed.
- 484815. Guerrero 80. Mexico. Guerrero. Cultivated. Seed.
- 484816. Guerrero 82. Mexico. Guerrero. Cultivated. Seed.
- 484817. Guerrero 86. Mexico. Guerrero. Cultivated. Seed.
- 484818. Guerrero 106. Mexico. Guerrero. Cultivated. Seed.
- 484819. Guerrero 117. Mexico. Guerrero. Cultivated. Seed.
- 484820. Guerrero 146. Mexico. Guerrero. Cultivated. Seed.
- 484821. Guerrero 181. Mexico. Guerrero. Cultivated. Seed.
- 484822. Guerrero 186. Mexico. Guerrero. Cultivated. Seed.
- 484823. Hidalgo 33. Mexico. Hidalgo. Cultivated. Seed.

483470 TO 485519-continued

484824. Jalisco 280. Mexico. Jalisco. Cultivated. Seed.
484825. Jalisco 281. Mexico. Jalisco. Cultivated. Seed.
484826. Morelos 11. Mexico. Morelos. Cultivated. Seed.
484827. Nayarit 2. Mexico. Nayarit. Cultivated. Seed.
484828. Nayarit 29. Mexico. Nayarit. Cultivated. Seed.
484829. Nayarit 38. Mexico. Nayarit. Cultivated. Seed.
484830. Nayarit 40. Mexico. Nayarit. Cultivated. Seed.
484831. Nayarit 60. Mexico. Nayarit. Cultivated. Seed.
484832. Nayarit 152. Mexico. Nayarit. Cultivated. Seed.
484833. Nayarit 157. Mexico. Nayarit. Cultivated. Seed.
484834. Nayarit 159. Mexico. Nayarit. Cultivated. Seed.
484835. Nayarit 173. Mexico. Nayarit. Cultivated. Seed.
484836. Nayarit 174. Mexico. Nayarit. Cultivated. Seed.
484837. Nayarit 179. Mexico. Nayarit. Cultivated. Seed.
484838. Nayarit 7. Mexico. Nayarit. Cultivated. Seed.
484839. Nayarit 66. Mexico. Nayarit. Cultivated. Seed.
484840. Nuevo Leon 17. Mexico. Nuevo Leon. Cultivated. Seed.
484841. Oaxaca 12. Mexico. Oaxaca. Cultivated. Seed.
484842. Oaxaca 17. Mexico. Oaxaca. Cultivated. Seed.
484843. Oaxaca 22. Mexico. Oaxaca. Cultivated. Seed.
484844. Oaxaca 57. Mexico. Oaxaca. Cultivated. Seed.
484845. Oaxaca 58. Mexico. Oaxaca. Cultivated. Seed.
484846. Oaxaca Grupo 32. Mexico. Oaxaca. Cultivated. Seed.
484847. San Luis Potosi 55. Mexico. San Luis Potosi. Cultivated.
Seed.
484848. Sinaloa 31. Mexico. Sinaloa. Cultivated. Seed.
484849. Sinaloa 48. Mexico. Sinaloa. Cultivated. Seed.

483470 TO 485519-continued

484850. Sinaloa 49. Mexico. Sinaloa. Cultivated. Seed.
484851. Sinaloa 52. Mexico. Sinaloa. Cultivated. Seed.
484852. Sinaloa 55. Mexico. Sinaloa. Cultivated. Seed.
484853. Sinaloa 59. Mexico. Sinaloa. Cultivated. Seed.
484854. Sinaloa 60. Mexico. Sinaloa. Cultivated. Seed.
484855. Sinaloa 61. Mexico. Sinaloa. Cultivated. Seed.
484856. Sinaloa 63. Mexico. Sinaloa. Cultivated. Seed.
484857. Sinaloa 64. Mexico. Sinaloa. Cultivated. Seed.
484858. Sinaloa 66. Mexico. Sinaloa. Cultivated. Seed.
484859. Sinaloa 69. Mexico. Sinaloa. Cultivated. Seed.
484860. Sinaloa 70. Mexico. Sinaloa. Cultivated. Seed.
484861. Sinaloa 76. Mexico. Sinaloa. Cultivated. Seed.
484862. Sinaloa 82. Mexico. Sinaloa. Cultivated. Seed.
484863. Sinaloa 85. Mexico. Sinaloa. Cultivated. Seed.
484864. Sinaloa 91. Mexico. Sinaloa. Cultivated. Seed.
484865. Sinaloa 95. Mexico. Sinaloa. Cultivated. Seed.
484866. Sinaloa 96. Mexico. Sinaloa. Cultivated. Seed.
484867. Sinaloa 100. Mexico. Sinaloa. Cultivated. Seed.
484868. Sinaloa 115. Mexico. Sinaloa. Cultivated. Seed.
484869. Sinaloa 116. Mexico. Sinaloa. Cultivated. Seed.
484870. Durango 102. Mexico. Durango. Cultivated. Seed.
484871. Durango 103. Mexico. Durango. Cultivated. Seed.
484872. Durango 107. Mexico. Durango. Cultivated. Seed.
484873. Durango 130. Mexico. Durango. Cultivated. Seed.
484874. Sinaloa 127. Mexico. Sinaloa. Cultivated. Seed.
484875. Sonora 1. Mexico. Sonora. Cultivated. Seed.

483470 TO 485519-continued

484876. Sonora 5. Mexico. Sonora. Cultivated. Seed.
484877. Sonora 7. Mexico. Sonora. Cultivated. Seed.
484878. Sonora 20. Mexico. Sonora. Cultivated. Seed.
484879. Sonora 21. Mexico. Sonora. Cultivated. Seed.
484880. Sonora 24. Mexico. Sonora. Cultivated. Seed.
484881. Sonora 25. Mexico. Sonora. Cultivated. Seed.
484882. Sonora 26. Mexico. Sonora. Cultivated. Seed.
484883. Sonora 31. Mexico. Sonora. Cultivated. Seed.
484884. Sonora 35. Mexico. Sonora. Cultivated. Seed.
484885. Sonora 39. Mexico. Sonora. Cultivated. Seed.
484886. Sonora 49. Mexico. Sonora. Cultivated. Seed.
484887. Sonora 50. Mexico. Sonora. Cultivated. Seed.
484888. Sonora 74. Mexico. Sonora. Cultivated. Seed.
484889. Sonora 80. Mexico. Sonora. Cultivated. Seed.
484890. Sonora 84. Mexico. Sonora. Cultivated. Seed.
484891. Sonora 90. Mexico. Sonora. Cultivated. Seed.
484892. Sonora 102. Mexico. Sonora. Cultivated. Seed.
484893. Sonora 103. Mexico. Sonora. Cultivated. Seed.
484894. Sonora 111. Mexico. Sonora. Cultivated. Seed.
484895. Sonora 114. Mexico. Sonora. Cultivated. Seed.
484896. Sonora 117. Mexico. Sonora. Cultivated. Seed.
484897. Sonora 119. Mexico. Sonora. Cultivated. Seed.
484898. Sonora 122. Mexico. Sonora. Cultivated. Seed.
484899. Sonora 123. Mexico. Sonora. Cultivated. Seed.
484900. Sonora 128. Mexico. Sonora. Cultivated. Seed.
484901. Sonora 129. Mexico. Sonora. Cultivated. Seed.

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484902. Sonora 130. Mexico. Sonora. Cultivated. Seed.
484903. Sonora 142. Mexico. Sonora. Cultivated. Seed.
484904. Sonora 150. Mexico. Sonora. Cultivated. Seed.
484905. Sonora 155. Mexico. Sonora. Cultivated. Seed.
484906. Sonora 158. Mexico. Sonora. Cultivated. Seed.
484907. Sonora Grupo 8. Mexico. Sonora. Cultivated. Seed.
484908. Tabasco 1. Mexico. Tabasco. Cultivated. Seed.
484909. Tamaulipas 4. Mexico. Tamaulipas. Cultivated. Seed.
484910. Tamaulipas 8. Mexico. Tamaulipas. Cultivated. Seed.
484911. Tamaulipas 10. Mexico. Tamaulipas. Cultivated. Seed.
484912. Tamaulipas 20. Mexico. Tamaulipas. Cultivated. Seed.
484913. Tamaulipas 26. Mexico. Tamaulipas. Cultivated. Seed.
484914. Tamaulipas 27. Mexico. Tamaulipas. Cultivated. Seed.
484915. Tamaulipas 28. Mexico. Tamaulipas. Cultivated. Seed.
484916. Tamaulipas 37. Mexico. Tamaulipas. Cultivated. Seed.
484917. Tamaulipas 44. Mexico. Tamaulipas. Cultivated. Seed.
484918. Tamaulipas 45. Mexico. Tamaulipas. Cultivated. Seed.
484919. Veracruz 3. Mexico. Veracruz. Cultivated. Seed.
484920. Veracruz 4. Mexico. Veracruz. Cultivated. Seed.
484921. Veracruz 8. Mexico. Veracruz. Cultivated. Seed.
484922. Veracruz 13. Mexico. Veracruz. Cultivated. Seed.
484923. Veracruz 19. Mexico. Veracruz. Cultivated. Seed.
484924. Veracruz 23. Mexico. Veracruz. Cultivated. Seed.
484925. Veracruz 39. Mexico. Veracruz. Cultivated. Seed.
484926. Veracruz 40. Mexico. Veracruz. Cultivated. Seed.
484927. Veracruz 41. Mexico. Veracruz. Cultivated. Seed.

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484928. Veracruz 49. Mexico. Veracruz. Cultivated. Seed.
484929. Veracruz 52. Mexico. Veracruz. Cultivated. Seed.
484930. Veracruz 54. Mexico. Veracruz. Cultivated. Seed.
484931. Veracruz 60. Mexico. Veracruz. Cultivated. Seed.
484932. Veracruz 63. Mexico. Veracruz. Cultivated. Seed.
484933. Veracruz 71. Mexico. Veracruz. Cultivated. Seed.
484934. Veracruz 92. Mexico. Veracruz. Cultivated. Seed.
484935. Veracruz 94. Mexico. Veracruz. Cultivated. Seed.
484936. Veracruz 98. Mexico. Veracruz. Cultivated. Seed.
484937. Veracruz 123. Mexico. Veracruz. Cultivated. Seed.
484938. Veracruz 124. Mexico. Veracruz. Cultivated. Seed.
484939. Veracruz 135. Mexico. Veracruz. Cultivated. Seed.
484940. Veracruz 149. Mexico. Veracruz. Cultivated. Seed.
484941. Veracruz 179. Mexico. Veracruz. Cultivated. Seed.
484942. Veracruz 200. Mexico. Veracruz. Cultivated. Seed.
484943. Veracruz 212. Mexico. Veracruz. Cultivated. Seed.
484944. Veracruz 213. Mexico. Veracruz. Cultivated. Seed.
484945. Veracruz 215. Mexico. Veracruz. Cultivated. Seed.
484946. Veracruz 225. Mexico. Veracruz. Cultivated. Seed.
484947. Yucatan 11. Mexico. Yucatan. Cultivated. Seed.
484948. Yucatan 36. Mexico. Yucatan. Cultivated. Seed.
484949. Yucatan 47. Mexico. Yucatan. Cultivated. Seed.
484950. Yucatan 119. Mexico. Yucatan. Cultivated. Seed.
484951. Yucatan 137. Mexico. Yucatan. Cultivated. Seed.
484952. Yucatan 148. Mexico. Yucatan. Cultivated. Seed.
484953. Yucatan 163. Mexico. Yucatan. Cultivated. Seed.

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484954. Puebla 98. Mexico. Puebla. Cultivated. Seed.
484955. Puebla 195. Mexico. Puebla. Cultivated. Seed.
484956. San Luis Potosi 16. Mexico. San Luis Potosi. Cultivated. Seed.
484957. Yucatan 83. Mexico. Yucatan. Cultivated. Seed.
484958. Yucatan 122. Mexico. Yucatan. Cultivated. Seed.
484959. Yucatan 130. Mexico. Yucatan. Cultivated. Seed.
484960. Costa Rica 361. Costa Rica. Cultivated. Seed.
484961. El Salvador 54. El Salvador. Cultivated. Seed.
484962. Guatemala 109. Guatemala. Cultivated. Seed.
484963. Guatemala 115. Guatemala. Cultivated. Seed.
484964. Guatemala 116. Guatemala. Cultivated. Seed.
484965. Guatemala 120. Guatemala. Cultivated. Seed.
484966. Guatemala 225. Guatemala. Cultivated. Seed.
484967. Guatemala 226. Guatemala. Cultivated. Seed.
484968. Guatemala 234. Guatemala. Cultivated. Seed.
484969. Guatemala 280. Guatemala. Cultivated. Seed.
484970. Guatemala 313. Guatemala. Cultivated. Seed.
484971. Guatemala 347. Guatemala. Cultivated. Seed.
484972. Guatemala 459. Guatemala. Cultivated. Seed.
484973. Guatemala 573. Guatemala. Cultivated. Seed.
484974. Guatemala 581. Guatemala. Cultivated. Seed.
484975. Guatemala 740. Guatemala. Cultivated. Seed.
484976. Guatemala 763. Guatemala. Cultivated. Seed.
484977. Nicaragua Grupo 71 A. Nicaragua. Cultivated. Seed.
484978. Panama 67. Panama. Cultivated. Seed.
484979. Panama 81. Panama. Cultivated. Seed.

483470 TO 485519-continued

- 484980. Panama 144. Panama. Cultivated. Seed.
- 484981. Guadeloupe 11. Guadeloupe. Cultivated. Seed.
- 484982. Saint Lucia 2. St Lucia. Cultivated. Seed.
- 484983. Saint Vincent 3. St Vincent. Cultivated. Seed.
- 484984. Afghanistan 5002. Afghanistan. Cultivated. Seed.
- 484985. Afghanistan 5011. Afghanistan. Cultivated. Seed.
- 484986. Afghanistan 5016. Afghanistan. Cultivated. Seed.
- 484987. Afghanistan 5017. Afghanistan. Cultivated. Seed.
- 484988. Afghanistan Composite 1. Afghanistan. Cultivated. Seed.
- 484989. Afghanistan Composite 2. Afghanistan. Cultivated. Seed.
- 484990. Antigua 1. Antigua, British. Cultivated. Seed.
- 484991. Antigua 3. Antigua, British. Cultivated. Seed.
- 484992. Antigua 5. Antigua, British. Cultivated. Seed.
- 484993. Argentina 488. Argentina. Cultivated. Seed.
- 484994. Argentina 529. Argentina. Cultivated. Seed.
- 484995. Argentina 577. Argentina. Cultivated. Seed.
- 484996. Argentina 604. Argentina. Cultivated. Seed.
- 484997. Argentina 608. Argentina. Cultivated. Seed.
- 484998. Barbados 10. Barbados. Cultivated. Seed.
- 484999. Brasil 3. Brazil. Cultivated. Seed.
- 485000. Brasil 6. Brazil. Cultivated. Seed.
- 485001. Brasil 7. Brazil. Cultivated. Seed.
- 485002. Brasil 9. Brazil. Cultivated. Seed.
- 485003. Brasil 10. Brazil. Cultivated. Seed.
- 485004. Brasil 17. Brazil. Cultivated. Seed.
- 485005. Brasil 21. Brazil. Cultivated. Seed.

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- 485006. Brasil 32. Brazil. Cultivated. Seed.
- 485007. Brasil 37. Brazil. Cultivated. Seed.
- 485008. Brasil 820. Brazil. Cultivated. Seed.
- 485009. Brasil 824. Brazil. Cultivated. Seed.
- 485010. Brasil 826. Brazil. Cultivated. Seed.
- 485011. Brasil 840. Brazil. Cultivated. Seed.
- 485012. Brasil 842. Brazil. Cultivated. Seed.
- 485013. Brasil 853. Brazil. Cultivated. Seed.
- 485014. Brasil 854. Brazil. Cultivated. Seed.
- 485015. Brasil 855. Brazil. Cultivated. Seed.
- 485016. Brasil 856. Brazil. Cultivated. Seed.
- 485017. Brasil 857. Brazil. Cultivated. Seed.
- 485018. Brasil 866. Brazil. Cultivated. Seed.
- 485019. Mexico Grupo 10. Mexico. Cultivated. Seed.
- 485020. Mexico Grupo 11. Mexico. Cultivated. Seed.
- 485021. Mexico Grupo 12. Mexico. Cultivated. Seed.
- 485022. Mexico Grupo 15. Mexico. Cultivated. Seed.
- 485023. Mexico Grupo 23. Mexico. Cultivated. Seed.
- 485024. C.I.P.A.-P.C. 2. Mexico. Cultivated. Seed.
- 485025. Xolache. Mexico. Xolache. Cultivated. Seed.
- 485026. Puebla 49. Mexico. Puebla. Cultivated. Seed.
- 485027. Puebla 156. Mexico. Puebla. Cultivated. Seed.
- 485028. Puebla 158. Mexico. Puebla. Cultivated. Seed.
- 485029. Puebla 159. Mexico. Puebla. Cultivated. Seed.
- 485030. Puebla 211. Mexico. Puebla. Cultivated. Seed.
- 485031. Puebla 214. Mexico. Puebla. Cultivated. Seed.

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485032. Puebla 245. Mexico. Puebla. Cultivated. Seed.
485033. Puebla 250. Mexico. Puebla. Cultivated. Seed.
485034. Puebla 257. Mexico. Puebla. Cultivated. Seed.
485035. Puebla 332. Mexico. Puebla. Cultivated. Seed.
485036. Puebla 334. Mexico. Puebla. Cultivated. Seed.
485037. Puebla 339. Mexico. Puebla. Cultivated. Seed.
485038. Puebla 341. Mexico. Puebla. Cultivated. Seed.
485039. Puebla 345. Mexico. Puebla. Cultivated. Seed.
485040. Puebla 346. Mexico. Puebla. Cultivated. Seed.
485041. Puebla 348. Mexico. Puebla. Cultivated. Seed.
485042. Puebla 349. Mexico. Puebla. Cultivated. Seed.
485043. Puebla 350. Mexico. Puebla. Cultivated. Seed.
485044. Puebla 351. Mexico. Puebla. Cultivated. Seed.
485045. Puebla 352. Mexico. Puebla. Cultivated. Seed.
485046. Puebla 353. Mexico. Puebla. Cultivated. Seed.
485047. Puebla 357. Mexico. Puebla. Cultivated. Seed.
485048. Puebla 366. Mexico. Puebla. Cultivated. Seed.
485049. Puebla 371. Mexico. Puebla. Cultivated. Seed.
485050. Puebla 372. Mexico. Puebla. Cultivated. Seed.
485051. Puebla 373. Mexico. Puebla. Cultivated. Seed.
485052. Puebla 374. Mexico. Puebla. Cultivated. Seed.
485053. Puebla 375. Mexico. Puebla. Cultivated. Seed.
485054. Puebla 376. Mexico. Puebla. Cultivated. Seed.
485055. Puebla 379. Mexico. Puebla. Cultivated. Seed.
485056. Puebla 381. Mexico. Puebla. Cultivated. Seed.
485057. Puebla 382. Mexico. Puebla. Cultivated. Seed.

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485058. Puebla 383. Mexico. Puebla. Cultivated. Seed.
485059. Puebla 385. Mexico. Puebla. Cultivated. Seed.
485060. Puebla 390. Mexico. Puebla. Cultivated. Seed.
485061. Puebla 391. Mexico. Puebla. Cultivated. Seed.
485062. Puebla 392. Mexico. Puebla. Cultivated. Seed.
485063. Puebla 393. Mexico. Puebla. Cultivated. Seed.
485064. Puebla 394. Mexico. Puebla. Cultivated. Seed.
485065. Puebla 395. Mexico. Puebla. Cultivated. Seed.
485066. Puebla 397. Mexico. Puebla. Cultivated. Seed.
485067. Puebla 398. Mexico. Puebla. Cultivated. Seed.
485068. Puebla 399. Mexico. Puebla. Cultivated. Seed.
485069. Puebla 401. Mexico. Puebla. Cultivated. Seed.
485070. Puebla 402. Mexico. Puebla. Cultivated. Seed.
485071. Puebla 403. Mexico. Puebla. Cultivated. Seed.
485072. Puebla 420. Mexico. Puebla. Cultivated. Seed.
485073. Puebla 429. Mexico. Puebla. Cultivated. Seed.
485074. Puebla 449. Mexico. Puebla. Cultivated. Seed.
485075. Puebla 451. Mexico. Puebla. Cultivated. Seed.
485076. Puebla 465. Mexico. Puebla. Cultivated. Seed.
485077. Puebla 467. Mexico. Puebla. Cultivated. Seed.
485078. Puebla 480. Mexico. Puebla. Cultivated. Seed.
485079. Puebla 486. Mexico. Puebla. Cultivated. Seed.
485080. Puebla 489. Mexico. Puebla. Cultivated. Seed.
485081. Puebla 490. Mexico. Puebla. Cultivated. Seed.
485082. Puebla 502. Mexico. Puebla. Cultivated. Seed.
485083. Puebla 512. Mexico. Puebla. Cultivated. Seed.

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485084. Puebla 740. Mexico. Puebla. Cultivated. Seed.
485085. Puebla 539. Mexico. Puebla. Cultivated. Seed.
485086. Queretaro 26. Mexico. Queretaro. Cultivated. Seed.
485087. Brasil 2110. Brazil. Cultivated. Seed.
485088. Brasil 2128. Brazil. Cultivated. Seed.
485089. Brasil 2134. Brazil. Cultivated. Seed.
485090. Brasil 2139. Brazil. Cultivated. Seed.
485091. Brasil 2142. Brazil. Cultivated. Seed.
485092. Brasil 2146. Brazil. Cultivated. Seed.
485093. Brasil 2221. Brazil. Cultivated. Seed.
485094. Brasil 2222. Brazil. Cultivated. Seed.
485095. Brasil 2223. Brazil. Cultivated. Seed.
485096. Brasil 2231. Brazil. Cultivated. Seed.
485097. Brasil 2234. Brazil. Cultivated. Seed.
485098. Brasil 2240. Brazil. Cultivated. Seed.
485099. Brasil 2276. Brazil. Cultivated. Seed.
485100. Brasil 2279. Brazil. Cultivated. Seed.
485101. Brasil 2282. Brazil. Cultivated. Seed.
485102. Brasil 2288. Brazil. Cultivated. Seed.
485103. Brasil 2289. Brazil. Cultivated. Seed.
485104. Brasil 2296. Brazil. Cultivated. Seed.
485105. Brasil 2305. Brazil. Cultivated. Seed.
485106. Brasil 2306. Brazil. Cultivated. Seed.
485107. Brasil 2307. Brazil. Cultivated. Seed.
485108. Brasil 2309. Brazil. Cultivated. Seed.
485109. Brasil 2314. Brazil. Cultivated. Seed.

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485110. Brasil 2315. Brazil. Cultivated. Seed.
485111. Brasil 2319. Brazil. Cultivated. Seed.
485112. Brasil 2345. Brazil. Cultivated. Seed.
485113. Brasil 2375. Brazil. Cultivated. Seed.
485114. Brasil 2383. Brazil. Cultivated. Seed.
485115. Chihuahua 123. Mexico. Chihuahua. Cultivated. Seed.
485116. Chihuahua 128. Mexico. Chihuahua. Cultivated. Seed.
485117. Chihuahua 143. Mexico. Chihuahua. Cultivated. Seed.
485118. Chihuahua 157. Mexico. Chihuahua. Cultivated. Seed.
485119. Chihuahua 164. Mexico. Chihuahua. Cultivated. Seed.
485120. Chihuahua 166. Mexico. Chihuahua. Cultivated. Seed.
485121. Chihuahua 167. Mexico. Chihuahua. Cultivated. Seed.
485122. Chihuahua 170. Mexico. Chihuahua. Cultivated. Seed.
485123. Chihuahua 171. Mexico. Chihuahua. Cultivated. Seed.
485124. Chihuahua 172. Mexico. Chihuahua. Cultivated. Seed.
485125. Chihuahua 173. Mexico. Chihuahua. Cultivated. Seed.
485126. Chihuahua 175. Mexico. Chihuahua. Cultivated. Seed.
485127. Chihuahua 180. Mexico. Chihuahua. Cultivated. Seed.
485128. Chihuahua 201. Mexico. Chihuahua. Cultivated. Seed.
485129. Chihuahua 222. Mexico. Chihuahua. Cultivated. Seed.
485130. Chihuahua 239. Mexico. Chihuahua. Cultivated. Seed.
485131. Chihuahua 241. Mexico. Chihuahua. Cultivated. Seed.
485132. Jalisco 292. Mexico. Jalisco. Cultivated. Seed.
485133. Jalisco 296. Mexico. Jalisco. Cultivated. Seed.
485134. Ancash 381. Peru. Ancash. Cultivated. Seed.
485135. Ancash 387. Peru. Ancash. Cultivated. Seed.

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485136. Ancash 388. Peru. Ancash. Cultivated. Seed.
485137. Ancash 389. Peru. Ancash. Cultivated. Seed.
485138. Ancash 391. Peru. Ancash. Cultivated. Seed.
485139. Ancash 394. Peru. Ancash. Cultivated. Seed.
485140. Ancash 395. Peru. Ancash. Cultivated. Seed.
485141. Ancash 396. Peru. Ancash. Cultivated. Seed.
485142. Ancash 402. Peru. Ancash. Cultivated. Seed.
485143. Ancash 403. Peru. Ancash. Cultivated. Seed.
485144. Ancash 405. Peru. Ancash. Cultivated. Seed.
485145. Ancash 407. Peru. Ancash. Cultivated. Seed.
485146. Ancash 409. Peru. Ancash. Cultivated. Seed.
485147. Ancash 415. Peru. Ancash. Cultivated. Seed.
485148. Ancash 416. Peru. Ancash. Cultivated. Seed.
485149. Ancash 418. Peru. Ancash. Cultivated. Seed.
485150. Ancash 419. Peru. Ancash. Cultivated. Seed.
485151. Ancash 420. Peru. Ancash. Cultivated. Seed.
485152. Ancash 421. Peru. Ancash. Cultivated. Seed.
485153. Ancash 422. Peru. Ancash. Cultivated. Seed.
485154. Ancash 423. Peru. Ancash. Cultivated. Seed.
485155. Ancash 424. Peru. Ancash. Cultivated. Seed.
485156. Ancash 425. Peru. Ancash. Cultivated. Seed.
485157. Ancash 426. Peru. Ancash. Cultivated. Seed.
485158. Ancash 427. Peru. Ancash. Cultivated. Seed.
485159. Ancash 428. Peru. Ancash. Cultivated. Seed.
485160. Ancash 429. Peru. Ancash. Cultivated. Seed.
485161. Ancash 432. Peru. Ancash. Cultivated. Seed.

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485162. Ancash 442. Peru. Ancash. Cultivated. Seed.
485163. Ancash 443. Peru. Ancash. Cultivated. Seed.
485164. Ancash 444. Peru. Ancash. Cultivated. Seed.
485165. Ancash 446. Peru. Ancash. Cultivated. Seed.
485166. Ancash 447. Peru. Ancash. Cultivated. Seed.
485167. Ancash 448. Peru. Ancash. Cultivated. Seed.
485168. Ancash 449. Peru. Ancash. Cultivated. Seed.
485169. Ancash 451. Peru. Ancash. Cultivated. Seed.
485170. Ancash 452. Peru. Ancash. Cultivated. Seed.
485171. Ancash 453. Peru. Ancash. Cultivated. Seed.
485172. Ancash 454. Peru. Ancash. Cultivated. Seed.
485173. Ancash 455. Peru. Ancash. Cultivated. Seed.
485174. Ancash 456. Peru. Ancash. Cultivated. Seed.
485175. Ancash 458. Peru. Ancash. Cultivated. Seed.
485176. Ancash 459. Peru. Ancash. Cultivated. Seed.
485177. Ancash 464. Peru. Ancash. Cultivated. Seed.
485178. Ancash 465. Peru. Ancash. Cultivated. Seed.
485179. Ancash 466. Peru. Ancash. Cultivated. Seed.
485180. Ancash 467. Peru. Ancash. Cultivated. Seed.
485181. Ancash 472. Peru. Ancash. Cultivated. Seed.
485182. Ancash 474. Peru. Ancash. Cultivated. Seed.
485183. Ancash 475. Peru. Ancash. Cultivated. Seed.
485184. Ancash 476. Peru. Ancash. Cultivated. Seed.
485185. Ancash 478. Peru. Ancash. Cultivated. Seed.
485186. Ancash 479. Peru. Ancash. Cultivated. Seed.
485187. Ancash 480. Peru. Ancash. Cultivated. Seed.

483470 TO 485519-continued

485188. Ancash 481. Peru. Ancash. Cultivated. Seed.
485189. Ancash 484. Peru. Ancash. Cultivated. Seed.
485190. Ancash 485. Peru. Ancash. Cultivated. Seed.
485191. Ancash 486. Peru. Ancash. Cultivated. Seed.
485192. Ancash 487. Peru. Ancash. Cultivated. Seed.
485193. Ancash 488. Peru. Ancash. Cultivated. Seed.
485194. Ancash 489. Peru. Ancash. Cultivated. Seed.
485195. Ancash 490. Peru. Ancash. Cultivated. Seed.
485196. Ancash 491. Peru. Ancash. Cultivated. Seed.
485197. Ancash 492. Peru. Ancash. Cultivated. Seed.
485198. Ancash 494. Peru. Ancash. Cultivated. Seed.
485199. Ancash 496. Peru. Ancash. Cultivated. Seed.
485200. Ancash 498. Peru. Ancash. Cultivated. Seed.
485201. Ancash 504. Peru. Ancash. Cultivated. Seed.
485202. Ancash 505. Peru. Ancash. Cultivated. Seed.
485203. Ancash 508. Peru. Ancash. Cultivated. Seed.
485204. Ancash 510. Peru. Ancash. Cultivated. Seed.
485205. Ancash 511. Peru. Ancash. Cultivated. Seed.
485206. Ancash 512. Peru. Ancash. Cultivated. Seed.
485207. Ancash 516. Peru. Ancash. Cultivated. Seed.
485208. Ancash 517. Peru. Ancash. Cultivated. Seed.
485209. Ancash 518. Peru. Ancash. Cultivated. Seed.
485210. Ancash 520. Peru. Ancash. Cultivated. Seed.
485211. Ancash 522. Peru. Ancash. Cultivated. Seed.
485212. Ancash 523. Peru. Ancash. Cultivated. Seed.
485213. Ancash 529. Peru. Ancash. Cultivated. Seed.

483470 TO 485519-continued

485214. Ancash 530. Peru. Ancash. Cultivated. Seed.
485215. Ancash 531. Peru. Ancash. Cultivated. Seed.
485216. Ancash 532. Peru. Ancash. Cultivated. Seed.
485217. Ancash 533. Peru. Ancash. Cultivated. Seed.
485218. Ancash 534. Peru. Ancash. Cultivated. Seed.
485219. Ancash 535. Peru. Ancash. Cultivated. Seed.
485220. Ancash 536. Peru. Ancash. Cultivated. Seed.
485221. Ancash 537. Peru. Ancash. Cultivated. Seed.
485222. Ancash 538. Peru. Ancash. Cultivated. Seed.
485223. Ancash 540. Peru. Ancash. Cultivated. Seed.
485224. Ancash 541. Peru. Ancash. Cultivated. Seed.
485225. Ancash 542. Peru. Ancash. Cultivated. Seed.
485226. Ancash 544. Peru. Ancash. Cultivated. Seed.
485227. Ancash 545. Peru. Ancash. Cultivated. Seed.
485228. Ancash 547. Peru. Ancash. Cultivated. Seed.
485229. Ancash 552. Peru. Ancash. Cultivated. Seed.
485230. Ancash 553. Peru. Ancash. Cultivated. Seed.
485231. Ancash 554. Peru. Ancash. Cultivated. Seed.
485232. Ancash 556. Peru. Ancash. Cultivated. Seed.
485233. Ancash 558. Peru. Ancash. Cultivated. Seed.
485234. Ancash 559. Peru. Ancash. Cultivated. Seed.
485235. Ancash 560. Peru. Ancash. Cultivated. Seed.
485236. Ancash 561. Peru. Ancash. Cultivated. Seed.
485237. Ancash 567. Peru. Ancash. Cultivated. Seed.
485238. Ancash 569. Peru. Ancash. Cultivated. Seed.
485239. Ancash 570. Peru. Ancash. Cultivated. Seed.

483470 TO 485519--continued

485240. Ancash 571. Peru. Ancash. Cultivated. Seed.
485241. Ancash 626. Peru. Ancash. Cultivated. Seed.
485242. Apurimac 124. Peru. Apurimac. Cultivated. Seed.
485243. Apurimac 125. Peru. Apurimac. Cultivated. Seed.
485244. Apurimac 128. Peru. Apurimac. Cultivated. Seed.
485245. Apurimac 129. Peru. Apurimac. Cultivated. Seed.
485246. Apurimac 136. Peru. Apurimac. Cultivated. Seed.
485247. Apurimac 137. Peru. Apurimac. Cultivated. Seed.
485248. Apurimac 152. Peru. Apurimac. Cultivated. Seed.
485249. Apurimac 162. Peru. Apurimac. Cultivated. Seed.
485250. Apurimac 163. Peru. Apurimac. Cultivated. Seed.
485251. Apurimac 165. Peru. Apurimac. Cultivated. Seed.
485252. Apurimac 166. Peru. Apurimac. Cultivated. Seed.
485253. Apurimac 168. Peru. Apurimac. Cultivated. Seed.
485254. Apurimac 169. Peru. Apurimac. Cultivated. Seed.
485255. Apurimac 170. Peru. Apurimac. Cultivated. Seed.
485256. Apurimac 171. Peru. Apurimac. Cultivated. Seed.
485257. Apurimac 173. Peru. Apurimac. Cultivated. Seed.
485258. Apurimac 177. Peru. Apurimac. Cultivated. Seed.
485259. Apurimac 188. Peru. Apurimac. Cultivated. Seed.
485260. Apurimac 191. Peru. Apurimac. Cultivated. Seed.
485261. Apurimac 193. Peru. Apurimac. Cultivated. Seed.
485262. Apurimac 198. Peru. Apurimac. Cultivated. Seed.
485263. Apurimac 199. Peru. Apurimac. Cultivated. Seed.
485264. Apurimac 200. Peru. Apurimac. Cultivated. Seed.
485265. Apurimac 202. Peru. Apurimac. Cultivated. Seed.

483470 TO 485519-continued

485266. Cuzco 190. Peru. Cuzco. Cultivated. Seed.
485267. Cuzco 192. Peru. Cuzco. Cultivated. Seed.
485268. Cuzco 195. Peru. Cuzco. Cultivated. Seed.
485269. Cuzco 198. Peru. Cuzco. Cultivated. Seed.
485270. Cuzco 200. Peru. Cuzco. Cultivated. Seed.
485271. Cuzco 201. Peru. Cuzco. Cultivated. Seed.
485272. Cuzco 207. Peru. Cuzco. Cultivated. Seed.
485273. Cuzco 209. Peru. Cuzco. Cultivated. Seed.
485274. Cuzco 217. Peru. Cuzco. Cultivated. Seed.
485275. Cuzco 219. Peru. Cuzco. Cultivated. Seed.
485276. Cuzco 220. Peru. Cuzco. Cultivated. Seed.
485277. Cuzco 221. Peru. Cuzco. Cultivated. Seed.
485278. Cuzco 222. Peru. Cuzco. Cultivated. Seed.
485279. Cuzco 223. Peru. Cuzco. Cultivated. Seed.
485280. Cuzco 225. Peru. Cuzco. Cultivated. Seed.
485281. Cuzco 226. Peru. Cuzco. Cultivated. Seed.
485282. Cuzco 227. Peru. Cuzco. Cultivated. Seed.
485283. Cuzco 231. Peru. Cuzco. Cultivated. Seed.
485284. Cuzco 249. Peru. Cuzco. Cultivated. Seed.
485285. Cuzco 259. Peru. Cuzco. Cultivated. Seed.
485286. Libertad 93. Peru. Libertad. Cultivated. Seed.
485287. Lima 66. Peru. Lima. Cultivated. Seed.
485288. Venezuela 446. Venezuela. Race Comun. Cultivated. Seed.
485289. Ecuador 631. Ecuador. Race Montana. Cultivated. Seed.
485290. Ecuador 332. Ecuador. Race Chococono. Cultivated. Seed.
485291. Ecuador 891. Ecuador. Race Chococono. Cultivated. Seed.

483470 TO 485519-continued

485292. Ecuador 978. Ecuador. Race Chococono. Cultivated. Seed.
485293. Venezuela 693. Venezuela. Race Canilla Venezolan. Cultivated. Seed.
485294. Venezuela 631. Venezuela. Race Cariaco. Cultivated. Seed.
485295. Venezuela 572. Venezuela. Race Guaribero. Cultivated. Seed.
485296. Venezuela 717. Venezuela. Race Chandelle. Cultivated. Seed.
485297. Venezuela 832. Venezuela. Race Costeno. Cultivated. Seed.
485298. Venezuela 847. Venezuela. Race Costeno. Cultivated. Seed.
485299. Venezuela 481. Venezuela. Race Puya Grande. Cultivated. Seed.
485300. Venezuela 495. Venezuela. Race Puya Grande. Cultivated. Seed.
485301. Boyaca 450. Colombia. Boyaca. Race Pollo Sabanero. Cultivated. Seed.
485302. Cordoba 339. Colombia. Cordoba. Race Cariaco. Cultivated. Seed.
485303. Santander del Norte 329. Colombia. Santander del Norte. Race Sabanero. Cultivated. Seed.
485304. Santander del Sur 359. Colombia. Santander del Sur. Race Cacao. Cultivated. Seed.
485305. Ecuador 505. Ecuador. Race Mishca. Cultivated. Seed.
485306. Ecuador 898. Ecuador. Race Mishca. Cultivated. Seed.
485307. Ecuador 968. Ecuador. Race Racimo de Uva. Cultivated. Seed.
485308. Ecuador 434. Ecuador. Race Chulpi. Cultivated. Seed.
485309. Ecuador 424. Ecuador. Race Chulpi Chico. Cultivated. Seed.
485310. Ecuador 510. Ecuador. Race Huandango. Cultivated. Seed.
485311. Ecuador 623. Ecuador. Race Huandango. Cultivated. Seed.
485312. Ecuador 327. Ecuador. Race Cubano Amarillo Duro.

483470 TO 485519-continued

- Cultivated. Seed.
485313. Ecuador 975. Ecuador. Race Maiz Cubano. Cultivated. Seed.
485314. Ecuador 692. Ecuador. Race Cholito Bc. Cultivated. Seed.
485315. Cajamarca 9. Peru. Cajamarca. Race Confite Puntiajud. Cultivated. Seed.
485316. Junin 68. Peru. Junin. Race Confite Puntiajud. Cultivated. Seed.
485317. Libertad 38. Peru. Libertad. Race Confite Puntiajud. Cultivated. Seed.
485318. Libertad 40. Peru. Libertad. Race Morocho. Cultivated. Seed.
485319. Libertad 42. Peru. Libertad. Race Morocho. Cultivated. Seed.
485320. Lambayeque 5. Peru. Lambayeque. Race Mochero. Cultivated. Seed.
485321. Lambayeque 7. Peru. Lambayeque. Race Mochero. Cultivated. Seed.
485322. Lambayeque 15. Peru. Lambayeque. Race Mochero. Cultivated. Seed.
485323. Libertad 24. Peru. Libertad. Race Pagaladroga. Cultivated. Seed.
485324. Libertad 7. Peru. Libertad. Race Pagaladroga. Cultivated. Seed.
485325. Ancash 153. Peru. Ancash. Race Ancashino. Cultivated. Seed.
485326. Ancash 152. Peru. Ancash. Race Shajatu. Cultivated. Seed.
485327. Libertad 21. Peru. Libertad. Race Alazan. Cultivated. Seed.
485328. Libertad 26. Peru. Libertad. Race Alazan. Cultivated. Seed.
485329. Libertad 28. Peru. Libertad. Race Alazan. Cultivated. Seed.
485330. Libertad 34. Peru. Libertad. Race Alazan. Cultivated. Seed.

483470 TO 485519-continued

- 485331. Libertad 36. Peru. Libertad. Race Alazan. Cultivated. Seed.
- 485332. Puno 9. Peru. Puno. Race Uchuquilla. Cultivated. Seed.
- 485333. Cuzco 63. Peru. Cuzco. Local Cuzco Amarillo. Cultivated. Seed.
- 485334. Lima 3. Peru. Lima. Race Huachano. Cultivated. Seed.
- 485335. Lima 14. Peru. Lima. Race Huachano. Cultivated. Seed.
- 485336. Lima 43. Peru. Lima. Race Huachano. Cultivated. Seed.
- 485337. Lima 44. Peru. Lima. Race Chancayano Pintado. Cultivated. Seed.
- 485338. Lima 46. Peru. Lima. Race Chancayano Pintado. Cultivated. Seed.
- 485339. Ancash 20. Peru. Ancash. Race Perla. Cultivated. Seed.
- 485340. Ancash 21. Peru. Ancash. Race Perla. Cultivated. Seed.
- 485341. Ancash 24. Peru. Ancash. Race Perla. Cultivated. Seed.
- 485342. Libertad 4. Peru. Libertad. Race Perla. Cultivated. Seed.
- 485343. Lima 2. Peru. Lima. Race Perla. Cultivated. Seed.
- 485344. Lima 4. Peru. Lima. Race Perla. Cultivated. Seed.
- 485345. Lima 8. Peru. Lima. Race Perla. Cultivated. Seed.
- 485346. Lima 12. Peru. Lima. Race Perla. Cultivated. Seed.
- 485347. Lima 13. Peru. Lima. Race Perla. Cultivated. Seed.
- 485348. Lima 48. Peru. Lima. Race Perla. Cultivated. Seed.
- 485349. Lima 50. Peru. Lima. Race Perla. Cultivated. Seed.
- 485350. Lima 53. Peru. Lima. Race Perla. Cultivated. Seed.
- 485351. Lima 56. Peru. Lima. Race Perla. Cultivated. Seed.
- 485352. Cuzco 108. Peru. Cuzco. Race Chimlos. Cultivated. Seed.
- 485353. Lima 19. Peru. Lima. Race Pardo. Cultivated. Seed.
- 485354. Huanuco 38. Peru. Huanuco. Race Aleman. Cultivated. Seed.

483470 TO 485519-continued

485355. Cuzco 112. Peru. Cuzco. Race Chuncho. Cultivated. Seed.
485356. Huanuco 63. Peru. Huanuco. Race Chuncho. Cultivated. Seed.
485357. Ayacucho 11. Peru. Ayacucho. Race Arizona. Cultivated. Seed.
485358. Libertad 2. Peru. Libertad. Race Arizona. Cultivated. Seed.
485359. Libertad 16. Peru. Libertad. Race Arizona. Cultivated. Seed.
485360. Tacna 6. Peru. Tacna. Race Coruca. Cultivated. Seed.
485361. Cajamarca 19. Peru. Cajamarca. Race Morocho Cajabambin. Cultivated. Seed.
485362. Ancash 81. Peru. Ancash. Race Sarco. Cultivated. Seed.
485363. Huanuco 91. Peru. Huanuco. Race Perlilla. Cultivated. Seed.
485364. Bolivia 903. Bolivia. Race Altiplano. Cultivated. Seed.
485365. Bolivia 623. Bolivia. Race Huilcaparu Moteado. Cultivated. Seed.
485366. Bolivia 952. Bolivia. Race Chake-Sara. Cultivated. Seed.
485367. Bolivia 968. Bolivia. Race Aysuma. Cultivated. Seed.
485368. Bolivia 725. Bolivia. Race Cuzco. Cultivated. Seed.
485369. Bolivia 961. Bolivia. Race Karapampa. Cultivated. Seed.
485370. Bolivia 966. Bolivia. Race Karapampa. Cultivated. Seed.
485371. Bolivia 1088. Bolivia. Race Ninuelo. Cultivated. Seed.
485372. Bolivia 402. Bolivia. Race Morado. Cultivated. Seed.
485373. Bolivia 567. Bolivia. Race Morado. Cultivated. Seed.
485374. Bolivia 584. Bolivia. Race Morado. Cultivated. Seed.
485375. Bolivia 437. Bolivia. Race Perola. Cultivated. Seed.
485376. Bolivia 543. Bolivia. Race Perola. Cultivated. Seed.
485377. Bolivia 644. Bolivia. Race Perola. Cultivated. Seed.

483470 TO 485519--continued

485378. Bolivia 713. Bolivia. Race Pojoso Chico. Cultivated. Seed.
485379. Bolivia 741. Bolivia. Race Pojoso Chico. Cultivated. Seed.
485380. Bolivia 309. Bolivia. Race Cholito. Cultivated. Seed.
485381. Bolivia 426. Bolivia. Race Cholito. Cultivated. Seed.
485382. Bolivia 794. Bolivia. Race Cholito. Cultivated. Seed.
485383. Bolivia 585. Bolivia. Race Cubano Dentado. Cultivated. Seed.
485384. Bolivia 317. Bolivia. Race Cateto. Cultivated. Seed.
485385. Bolivia 330. Bolivia. Race Cateto. Cultivated. Seed.
485386. Bolivia 806. Bolivia. Race Pororo. Cultivated. Seed.
485387. Bolivia 406. Bolivia. Race Coroico Blanco. Cultivated. Seed.
485388. Bolivia 408. Bolivia. Race Coroico Blanco. Cultivated. Seed.
485389. Bolivia 1045. Bolivia. Race Coroico Blanco. Cultivated. Seed.
485390. Bolivia 1062. Bolivia. Race Coroico Blanco. Cultivated. Seed.
485391. Bolivia 403. Bolivia. Race Coroico Amarillo. Cultivated. Seed.
485392. Bolivia 438. Bolivia. Race Coroico Amarillo. Cultivated. Seed.
485393. Bolivia 637. Bolivia. Race Coroico Amarillo. Cultivated. Seed.
485394. Bolivia 1000. Bolivia. Race Coroico Amarillo. Cultivated. Seed.
485395. Bolivia 1042. Bolivia. Race Coroico Amarillo. Cultivated. Seed.
485396. Bolivia 1077. Bolivia. Race Coroico Amarillo. Cultivated. Seed.
485397. Bolivia 396. Bolivia. Race Coroico. Cultivated. Seed.

483470 TO 485519-continued

485398. Bolivia 417. Bolivia. Race Coroico. Cultivated. Seed.
485399. Bolivia 1035. Bolivia. Race Coroico. Cultivated. Seed.
485400. Bolivia 1063. Bolivia. Race Coroico. Cultivated. Seed.
485401. Bolivia 1071. Bolivia. Race Coroico. Cultivated. Seed.
485402. Bolivia 995. Bolivia. Race Enano. Cultivated. Seed.
485403. Bolivia 1036. Bolivia. Race Enano. Cultivated. Seed.
485404. Bolivia 1044. Bolivia. Race Enano. Cultivated. Seed.
485405. Chile 435. Chile. Race Chulpi. Cultivated. Seed.
485406. Chile 406. Chile. Race Capio Negro Chilen. Cultivated.
Seed.
485407. Chile 351. Chile. Race Chutucuno Grande. Cultivated.
Seed.
485408. Chile 418. Chile. Race Harinoso Tarapaque. Cultivated.
Seed.
485409. Chile 419. Chile. Race Harinoso Tarapaque. Cultivated.
Seed.
485410. Chile 301. Chile. Race Curagua. Cultivated. Seed.
485411. Chile 311. Chile. Race Curagua. Cultivated. Seed.
485412. Chile 303. Chile. Race Curagua Grande. Cultivated. Seed.
485413. Chile 305. Chile. Race Curagua Grande. Cultivated. Seed.
485414. Chile 316. Chile. Race Curagua Grande. Cultivated. Seed.
485415. Venezuela 568. Venezuela. Race Araguito. Cultivated.
Seed.
485416. Venezuela 628. Venezuela. Race Araguito. Cultivated.
Seed.
485417. Venezuela 694. Venezuela. Race Araguito. Cultivated.
Seed.
485418. Venezuela 760. Venezuela. Race Araguito. Cultivated.
Seed.
485419. Chile 302. Chile. Race Cristalino Chileno Grande.
Cultivated. Seed.

483470 TO 485519-continued

485420. Chile 323. Chile. Race Cristalino Chileno Grande. Cultivated. Seed.
485421. Guatemala 458. Guatemala. Race Nal-Tel Ocho. Cultivated. Seed.
485422. Cordoba 338. Colombia. Cordoba. Race Cariaco. Cultivated. Seed.
485423. Venezuela 874. Venezuela. Race Canilla Venezolano. Cultivated. Seed.
485424. Venezuela 307. Venezuela. Race Sabanero. Cultivated. Seed.
485425. Venezuela 369. Venezuela. Race Huevito. Cultivated. Seed.
485426. Venezuela 409. Venezuela. Race Chandelle. Cultivated. Seed.
485427. Santander del Norte 329. Colombia. Santander del Norte. Race Sabanero. Cultivated. Seed.
485428. Ecuador 500. Ecuador. Race Canguil. Cultivated. Seed.
485429. Ecuador 696. Ecuador. Race Canguil. Cultivated. Seed.
485430. Ecuador 459. Ecuador. Race Mishca. Cultivated. Seed.
485431. Ecuador 505. Ecuador. Race Mishca. Cultivated. Seed.
485432. Ecuador 898. Ecuador. Race Mishca. Cultivated. Seed.
485433. Ecuador 424. Ecuador. Race Chulpi Chico. Cultivated. Seed.
485434. Ecuador 579. Ecuador. Race Cholito Ecuatoriano. Cultivated. Seed.
485435. Ecuador 692. Ecuador. Race Cholito Ecuatoriano. Cultivated. Seed.
485436. Ecuador 710. Ecuador. Race Yunquillano. Cultivated. Seed.
485437. Cajamarca 27. Peru. Cajamarca. Race Confite Puntiaquedo. Cultivated. Seed.
485438. Libertad 38. Peru. Libertad. Race Confite Puntiaquedo. Cultivated. Seed.
485439. Ayacucho 22. Peru. Ayacucho. Race Morocho. Cultivated. Seed.

483470 TO 485519-continued

485440. Ancash 203. Peru. Ancash. Race Rabo de Zorro. Cultivated. Seed.
485441. Ancash 153. Peru. Ancash. Race Ancashino. Cultivated. Seed.
485442. Ancash 152. Peru. Ancash. Race Shajatu. Cultivated. Seed.
485443. Libertad 21. Peru. Libertad. Race Alazan. Cultivated. Seed.
485444. Puno 9. Peru. Puno. Race Uchuquilla. Cultivated. Seed.
485445. Puno 12. Peru. Puno. Race Uchuquilla. Cultivated. Seed.
485446. Huancavalica 144. Peru. Huancavalica. Race San Geronimo Huanc. Cultivated. Seed.
485447. Huanuco 63. Peru. Huanuco. Race Chuncho. Cultivated. Seed.
485448. Tacna 6. Peru. Tacna. Race Coruca. Cultivated. Seed.
485449. Ancash 81. Peru. Ancash. Race Sarco. Cultivated. Seed.
485450. Bolivia 1004. Bolivia. Race Kulli. Cultivated. Seed.
485451. Bolivia 992. Bolivia. Race Coroico. Cultivated. Seed.
485452. Bolivia 993. Bolivia. Race Enano. Cultivated. Seed.
485453. Chile 435. Chile. Race Chulpi. Cultivated. Seed.
485454. Chile 419. Chile. Race Harinoso Tarapague. Cultivated. Seed.
485455. Chile 354. Chile. Race Araucano. Cultivated. Seed.
485456. Brasil 8. Brazil. Cultivated. Seed.
485457. Paraguay 124. Paraguay. Race Avati Moroti Ti. Cultivated. Seed.
485458. Paraguay 139. Paraguay. Race Avati Moroti Guapi. Cultivated. Seed.
485459. Argentina 539. Argentina. Race Oke. Cultivated. Seed.
485460. Uruguay 646. Uruguay. Race Colorado. Cultivated. Seed.
485461. 1693. Cultivated. Seed.

483470 TO 485519-continued

- 485462. 1694. Cultivated. Seed.
- 485463. 1695. Cultivated. Seed.
- 485464. 1697. Cultivated. Seed.
- 485465. 1701. Cultivated. Seed.
- 485466. 1703. Cultivated. Seed.
- 485467. Dominican Republic 284. Dominican Republic. Cultivated. Seed.
- 485468. Dominican Republic 285. Dominican Republic. Cultivated. Seed.
- 485469. Dominican Republic 289. Dominican Republic. Cultivated. Seed.
- 485470. Dominican Republic 290. Dominican Republic. Cultivated. Seed.
- 485471. Dominican Republic 291. Dominican Republic. Cultivated. Seed.
- 485472. Dominican Republic 292. Dominican Republic. Cultivated. Seed.
- 485473. Dominican Republic 294. Dominican Republic. Cultivated. Seed.
- 485474. Dominican Republic 297. Dominican Republic. Cultivated. Seed.
- 485475. Dominican Republic 298. Dominican Republic. Cultivated. Seed.
- 485476. Dominican Republic 301. Dominican Republic. Cultivated. Seed.
- 485477. Dominican Republic 303. Dominican Republic. Cultivated. Seed.
- 485478. Dominican Republic 304. Dominican Republic. Cultivated. Seed.
- 485479. Dominican Republic 305. Dominican Republic. Cultivated. Seed.
- 485480. Dominican Republic 307. Dominican Republic. Cultivated. Seed.

483470 TO 485519-continued

485481. Dominican Republic 309. Dominican Republic. Cultivated. Seed.
485482. Dominican Republic 310. Dominican Republic. Cultivated. Seed.
485483. St. Croix 2. Virgin Islands, U.S. St. Croix. Cultivated. Seed.
485484. St. Croix 3. Virgin Islands, U.S. St. Croix. Cultivated. Seed.
485485. St. Vincent 2. St Vincent. Cultivated. Seed.
485486. St. Vincent 4. St Vincent. Cultivated. Seed.
485487. Tobago 1. Trinidad and Tobago. Cultivated. Seed.
485488. Tobago 4. Trinidad and Tobago. Cultivated. Seed.
485489. Tobago 5. Trinidad and Tobago. Cultivated. Seed.
485490. Tobago 7. Trinidad and Tobago. Cultivated. Seed.
485491. Tobago 10. Trinidad and Tobago. Cultivated. Seed.
485492. Tobago 12. Trinidad and Tobago. Cultivated. Seed.
485493. Tobago 13. Trinidad and Tobago. Cultivated. Seed.
485494. Tobago 15. Trinidad and Tobago. Cultivated. Seed.
485495. Tobago 16. Trinidad and Tobago. Cultivated. Seed.
485496. Trinidad 19. Trinidad and Tobago. Cultivated. Seed.
485497. Trinidad 22. Trinidad and Tobago. Cultivated. Seed.
485498. Trinidad 23. Trinidad and Tobago. Cultivated. Seed.
485499. Trinidad 24. Trinidad and Tobago. Cultivated. Seed.
485500. Trinidad 28. Trinidad and Tobago. Cultivated. Seed.
485501. Trinidad 29. Trinidad and Tobago. Cultivated. Seed.
485502. Trinidad 30. Trinidad and Tobago. Cultivated. Seed.
485503. Trinidad 31. Trinidad and Tobago. Cultivated. Seed.
485504. Trinidad 35. Trinidad and Tobago. Cultivated. Seed.

483470 TO 485519--continued

- 485505. Trinidad 36. Trinidad and Tobago. Cultivated. Seed.
- 485506. Trinidad 37. Trinidad and Tobago. Cultivated. Seed.
- 485507. Trinidad 38. Trinidad and Tobago. Cultivated. Seed.
- 485508. Trinidad 39. Trinidad and Tobago. Cultivated. Seed.
- 485509. Trinidad 40. Trinidad and Tobago. Cultivated. Seed.
- 485510. Trinidad 43. Trinidad and Tobago. Cultivated. Seed.
- 485511. Trinidad 44. Trinidad and Tobago. Cultivated. Seed.
- 485512. Trinidad 45. Trinidad and Tobago. Cultivated. Seed.
- 485513. Trinidad 46. Trinidad and Tobago. Cultivated. Seed.
- 485514. Trinidad 47. Trinidad and Tobago. Cultivated. Seed.
- 485515. Trinidad 48. Trinidad and Tobago. Cultivated. Seed.
- 485516. Trinidad 50. Trinidad and Tobago. Cultivated. Seed.
- 485517. Trinidad 51. Trinidad and Tobago. Cultivated. Seed.
- 485518. Trinidad 52. Trinidad and Tobago. Cultivated. Seed.
- 485519. Uganda 4. Uganda. Cultivated. Seed.

485520 TO 485552. *Hordeum vulgare* L. (Poaceae) Barley.

From United Kingdom. Donated by Joseph Nickerson Research Center,
Nickerson RPB Limited; Lincoln LN7 6DT England.
Received February 1984.

- 485520. Aladin. United Kingdom. Abacus/Lud//Armada. Two row type.
Spring Annual. Cultivar. Seed.
- 485521. Apache. United Kingdom. Feronia/Abacus//Key/Rif. Two row
type. Spring Annual. Cultivar. Seed.
- 485522. Araya. United Kingdom. Armelle/Lud//Luke. Two row type.
Spring Annual. Cultivar. Seed.
- 485523. Candice. United Kingdom. Armelle/Lud//Luke. Two row type.
Spring Annual. Cultivar. Seed.
- 485524. Cerise. United Kingdom. Armelle/Lud//Luke. Two row type.
Spring Annual. Cultivar. Seed.

485520 TO 485552-continued

485525. Cirrus. United Kingdom. Georgie/Ark Royal. Two row type. Spring Annual. Cultivar. Seed.
485526. Delta. United Kingdom. Tyra/Claret. Two row type. Spring Annual. Cultivar. Seed.
485527. Dragon. United Kingdom. Feronia/Abacus. Two row type. Spring Annual. Cultivar. Seed.
485528. Flare. United Kingdom. Armelle/Lud//Luke. Two row type. Spring Annual. Cultivar. Seed.
485529. Golf. United Kingdom. Armelle/Lud//Luke. Two row type. Spring Annual. Cultivar. Seed.
485530. Harpoon. United Kingdom. Summit/Sundance. Two row malting type. Spring Annual. Cultivar. Seed.
485531. Heroine. United Kingdom. PF 21711/Claret. Two row malting type. Spring Annual. Cultivar. Seed.
485532. Klaxon. United Kingdom. Nackta/RPB 16-71. Two row type. Spring Annual. Cultivar. Seed.
485533. Kym. United Kingdom. Georgie/W 2733-68. Two row malting type. Spring Annual. Cultivar. Seed.
485534. Partridge. United Kingdom. RPB 64-74/Claret. Two row type. Spring Annual. Cultivar. Seed.
485535. Pipit. United Kingdom. RPB 611-71/Georgie//RPB 112-69. Two row type. Spring Annual. Cultivar. Seed.
485536. RPB 421. United Kingdom. Aramir/SES 5/2. Two row malting type. Spring Annual. Breeding Material. Seed.
485537. RPB 606-75. United Kingdom. Mazuka/RPB 565-71. Two row type. Spring Annual. Breeding Material. Seed.
485538. RPB 649-75. United Kingdom. Pen/RPB 611-71. Two row type. Spring Annual. Breeding Material. Seed.
485539. RPB 748-75. United Kingdom. Volare//PF 10402/Ceb 6801. Two row type. Spring Annual. Breeding Material. Seed.
485540. RPB 796-75. United Kingdom. Timo//TAL/Abacus. Two row type. Spring Annual. Breeding Material. Seed.
485541. RPB 29-76. United Kingdom. Georgie/RPB 154-70. Two row type. Spring Annual. Breeding Material. Seed.
485542. RPB 60-76. United Kingdom. Aramir/Keg. Two row malting

485520 TO 485552-continued

- type. Spring Annual. Breeding Material. Seed.
485543. RPB 62-76. United Kingdom. Aramir/Keg. Two row malting type. Spring Annual. Breeding Material. Seed.
485544. RPB 605-76. United Kingdom. Luke/MGH 330-67. Two row type. Spring Annual. Breeding Material. Seed.
485545. RPB 619-76. United Kingdom. Georgie/Ark Royal. Two row type. Spring Annual. Breeding Material. Seed.
485546. RPB 790-76. United Kingdom. Trumpf/Berac. Two row semi-dwarf malting type. Spring Annual. Breeding Material. Seed.
485547. RPB 713-77. United Kingdom. Flare/Probs 6032-71. Two row type. Spring Annual. Breeding Material. Seed.
485548. RPB 729-77. United Kingdom. Julia/3/Armelle/Lud//Luke. Two row type. Spring Annual. Breeding Material. Seed.
485549. Siskin. United Kingdom. PF 52213/RPB 958-76. Two row semi-dwarf malting type. Resistant to cereal cyst nematode. Spring Annual. Cultivar. Seed.
485550. Snipe. United Kingdom. Simon/ROB 567-70. Two row type. Spring Annual. Cultivar. Seed.
485551. Verity. United Kingdom. Claret/RPB 97-74. Two row type. Spring Annual. Cultivar. Seed.
485552. Winston. United Kingdom. Clermont/Aramir. Six row type. Spring Annual. Cultivar. Seed.

485553 TO 485578. *Bauhinia esculenta* Burchell (Fabaceae) Marama bean.

From Botswana. Collected by Murry, R.E., Jr.; Department of Biology, Texas A & M University; College Station, Texas. Received January 1984.

485553. M-1. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485554. M-2. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485555. M-3. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.

485553 TO 485578-continued

485556. M-4. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485557. M-5. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485558. M-6. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485559. M-7. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485560. M-8. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485561. M-9. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485562. M-10. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485563. M-11. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485564. M-11c. Botswana. Collected April 23, 1982. Sandy plain, Aha hills, Ngamiland District along Namibian border. Trailing vine with large storage root. Seed nutritious with protein and oil content. Local name Marama or Tsin. Perennial Herb. Wild. Seed.
485565. M-12. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485566. M-13. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485567. M-14. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485568. M-15. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name

485553 TO 485578-continued

Tsin. Perennial Herb. Wild. Seed.

485569. M-16. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485570. M-17. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485571. M-18. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485572. M-19. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485573. M-20. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485574. M-21. Botswana. Collected May 23, 1982. Transect area, Aha hills, northwest Botswana. Trailing vine. Local name Tsin. Perennial Herb. Wild. Seed.
485575. M-126c. Botswana. Collected May 17, 1982. Sandy plains, NW of Tujua hill, Aha hills, NW Botswana near Namibian border. Trailing vine with large storage root. Seeds from several plants. Local name Tsin. Perennial Herb. Wild. Seed.
485576. M-126d. Namibia. Collected May 18, 1982. Sandy plains west of Aha hills in eastern Namibia. Trailing vine with large storage root. Seeds from several plants. Local name Tsin. Perennial Herb. Wild. Seed.
485577. M-285B. Botswana. Collected June 08, 1982. Deep fine sand, 45-50km NW of Ghanzi, NW of Wickerman farm. Trailing vine with large storage root. Seeds edible, high in protein and oil. Perennial Herb. Wild. Seed.
485578. M-307c. Botswana. Collected June 29, 1982. Fields near Shashadi, 47km S of Lephepe, Kweneng District. Trailing vine with large storage root. Seeds edible. Collected by chief's wife and family between March and June 1982. Perennial Herb. Wild. Seed.

485579. *Citrullus colocynthis* (L.) Schrad. (Cucurbitaceae) Colocynth.

From Namibia. Collected by Murry, R.E., Jr.; Department of Biology, Texas A & M University; College Station, Texas.

485579-continued

Received January 1984.

M-252. Namibia. Collected May 24, 1982. Inside 20m, Namibian border fence, 198km N of Kuke Veterinary cordon fence. Vine resembling watermelon but fruit not sweet with light green flesh, taste similar to cucumber. Found in fields of melons and in disturbed dry sandy soils. Local name Tsama melon. Annual. Wild. Seed.

485580 TO 485584. *Citrullus lanatus* (Thunb.) Matsum. & Nakai
(Cucurbitaceae) Watermelon.

From Botswana. Collected by Murry, R.E., Jr.; Department of Biology, Texas A & M University; College Station, Texas.
Received January 1984.

485580. M-307B-1. Botswana. Collected June 29, 1982. Fields at Shashadi, Kweneng District, 47km S of Lephepe. Presented by Chief of Shashadi. Mixture of melons with semi-sweet, greenish and yellowish pulp. Seeds medium-sized, light tan. Primitive Cultivar. Seed.
485581. M-307B-2. Botswana. Collected June 29, 1982. Fields at Shashadi, Kweneng District, 47km S of Lephepe. Presented by Chief of Shashadi. Mixture of melons with semi-sweet, greenish and yellowish pulp. Seeds medium-sized, dark red. Primitive Cultivar. Seed.
485582. M-307B-3. Botswana. Collected June 29, 1982. Fields at Shashadi, Kweneng District, 47km S of Lephepe. Presented by Chief of Shashadi. Mixture of melons with semi-sweet, greenish and yellowish pulp. Seeds small to medium-sized, olive. Primitive Cultivar. Seed.
485583. M-307B-4. Botswana. Collected June 29, 1982. Fields at Shashadi, Kweneng District, 47km S of Lephepe. Presented by Chief of Shashadi. Mixture of melons with semi-sweet, greenish and yellowish pulp. Seeds small, light red. Primitive Cultivar. Seed.
485584. M-307B-5. Botswana. Collected June 29, 1982. Fields at Shashadi, Kweneng District, 47km S of Lephepe. Presented by Chief of Shashadi. Mixture of melons with semi-sweet, greenish and yellowish pulp. Seeds red with lighter margins. Primitive Cultivar. Seed.

485585 TO 485587. *Gossypium herbaceum* L. (Malvaceae) Levant cotton.

From Botswana. Collected by Murry, R.E., Jr.; Department of Biology, Texas A & M University; College Station, Texas.
Received January 1984.

485585 TO 485587-continued

485585. M-144. Botswana. Collected May 21, 1982. Between the Dobe villages, NW Botswana about 3.2km from Namibia border. Plants many stemmed, 60cm tall, established under shade of other bushes, sandy soil at edge of cattle trail. Perennial Woody. Wild. Seed.

485586. M-352. Botswana. Collected July 01, 1982. South 28km of Mahalapye. Plants many stemmed, about 1 m tall, productive under drought conditions. Perennial Woody. Wild. Seed.

485587. M-881.8. Botswana. Collected July 01, 1982. Francistown Road, north of Debete, eastern Botswana. Perennial Woody. Wild. Seed.

485588. *Arachis hypogaea* L. (Fabaceae) Peanut.

From United States. Donated by Georgia Coastal Plain Experiment Station; Tifton, Georgia.
Received February 1984.

'Zenit'. Soviet Union. URSS 796. Seeds obtained from Niger. Putative hybrid. Maturity early. Seed size small, with brown testa. Cultivar. Seed.

485589. *Allium cepa* L. (Amaryllidaceae).

From China, Peoples Repub of. Collected by Orton, T.J.; Department of Vegetable Crops, University of California; Davis, California, USA. Received through the 1980 U.S. Plant Germplasm Team to People's Republic of China.
Received February 1984.

075. China, Peoples Repub of. Collected August 09, 1980. Vegetable plots, Stone River Farm 158, Sinkiang. Local type. Plants 35-45cm tall at maturity. Cultivated. Seed.

485590. *Allium fistulosum* L. (Amaryllidaceae) Bunching onion.

From China, Peoples Repub of. Collected by Orton, T.J.; Department of Vegetable Crops, University of California; Davis, California, USA. Received through the 1980 U.S. Plant Germplasm Team to People's Republic of China.
Received February 1984.

09. China, Peoples Repub of. Collected July 30, 1980. Vegetable Commune, 5km W of Xirinhot, Inner Mongolia. Local type. Cultivated. Seed.

485591. *Allium* sp. (Amaryllidaceae).

From China, Peoples Repub of. Collected by Orton, T.J.; Department of Vegetable Crops, University of California; Davis, California, USA. Received through the 1980 U.S. Plant Germplasm Team to People's Republic of China. Received February 1984.

097. China, Peoples Repub of. Collected August 14, 1980. Alpine ecosystem, mountainside W of Sky Lake, Sinkiang. 1850m. Plant 35cm tall with single flowering stalk, small umbel. No visible foliage. Tree. Seed.

485592. *Allium sativum* L. (Amaryllidaceae) Garlic.

From Canada. Donated by Maczka, T.; Fish Lake Garlic Man; Demorestville, Ontario KOK 1W0. Received February 1984.

Canada. Pungent type. Selected for multiple cloves contained within single skin. Cultivated. Bulbs.

485593. *Capsicum chinense* Jacq. (Solanaceae) Aji.

From Malaysia. Donated by Graham, K.M.; Genetics Department, National University of Malaysia; Bangi, Selangor. Received February 1984.

Scotch Bonnet. Jamaica. Obtained from a London market which imported from the West Indies. Mature fruit yellow. Cultivar. Seed.

485594. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Schmidt, J.W.; Department of Agronomy, University of Nebraska; Lincoln, Nebraska. Received February 1984.

NE76138. 'Hitchcock'. United States. Dicktoo/Reno/Shonan/Randolph/3/OAC WB2-11/Decatur. Six-row feed type. Spikes erect, white, lax to dense, rough-awned. Aleurone pale blue to white. Winter Annual. Cultivar. Seed.

485595. *Phaseolus acutifolius* A. Gray (Fabaceae) Tepary bean.

From United States. Donated by Nabhan, G.; Meals for Millions/Freedom from Hunger Foundation; Tucson, Arizona. Received February 1984.

GN 812. United States. Collected February 25, 1978.

485595-continued

Franklin Suhu, Hotevilla, Hopi Reservation, northern Arizona. Dryland farmed in sanddunes. Leaves narrow. Seeds white. Cooked without fat. Local name Chatchimori. Primitive Cultivar. Seed.

485596 TO 485604. *Lotus corniculatus* L. (Fabaceae) Birdsfoot trefoil.

From Italy. Collected by Veronesi, F.; College of Agriculture, University of Perugia; Perugia. Received through R.R. Smith, USDA-ARS, University of Wisconsin, Madison. Received February 1984.

- 485596. Italy. Near Polcanto. 480m. Wild. Seed.
- 485597. Italy. Near S. Marino. 500m. Wild. Seed.
- 485598. Italy. Near Colle di Bettona. 220m. Wild. Seed.
- 485599. Italy. Near S. Arcangelo. 250m. Wild. Seed.
- 485600. Italy. Near Migliaiolo. 350m. Wild. Seed.
- 485601. Italy. Near Abbadia S. Salvatore. 700m. Wild. Seed.
- 485602. Italy. Near Macerata. 290m. Wild. Seed.
- 485603. Italy. Near Canetra. 450m. Wild. Seed.
- 485604. Italy. Near L'Aquila. 735m. Wild. Seed.

485605 TO 485607. *Lotus tenuis* Waldst. & Kit. ex Willd. (Fabaceae) Narrowleaf trefoil.

From Italy. Collected by Veronesi, F.; College of Agriculture, University of Perugia; Perugia. Received through R.R. Smith, USDA-ARS, University of Wisconsin, Madison. Received February 1984.

- 485605. Italy. Near Agello. Wild. Seed.
- 485606. Italy. Near Ancona. Wild. Seed.
- 485607. Italy. Near Roseto Degli AB. Wild. Seed.

485608 TO 485720. *Zea mays* L. (Poaceae) Field corn.

From Chile. Donated by Paratori B., Orlando; Instituto de Investigaciones Agropecuarias, Estacion Experimental la Platina; Santiago. Received through IBPGR, Rome, Italy. Received February 1984.

485608 TO 485720-continued

485608. CH ZM 01 048. Chile. Latitude: 20 deg S; Longitude: 069 deg W. Pachica. 1500m. Cultivated. Seed.
485609. CH ZM 03 017. Chile. Latitude: 27 deg S; Longitude: 070 deg W. Los Angeles. 200m. Race Morocho Blanco. Cultivated. Seed.
485610. CH ZM 04 028. Chile. Latitude: 31 deg S; Longitude: 070 deg W. Tulahuen. 850m. Race Camelia. Cultivated. Seed.
485611. CH ZM 05 037. Chile. Latitude: 32 deg S; Longitude: 071 deg W. Petorca. 60m. Race Cristalino chileno. Cultivated. Seed.
485612. CH ZM 05 038. Chile. Latitude: 33 deg S; Longitude: 071 deg W. Limache. 140m. Race Curagua. Cultivated. Seed.
485613. CH ZM 05 042. Chile. Latitude: 33 deg S; Longitude: 071 deg W. Limache. 150m. Race Choclero. Cultivated. Seed.
485614. CH ZM 07 026. Chile. Latitude: 36 deg S; Longitude: 072 deg W. San Javier. 320m. Race Curagua. Cultivated. Seed.
485615. CH ZM 07 036. Chile. Latitude: 35 deg S; Longitude: 072 deg W. San Clemente. 300m. Race Diente de Caballo. Cultivated. Seed.
485616. CH ZM 07 038. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Retiro. 200m. Race Hibrido. Cultivated. Seed.
485617. CH ZM 07 039. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Retiro. 200m. Race Hibrido. Cultivated. Seed.
485618. CH ZM 07 061. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Villaseca. 90m. Race Hibrido. Cultivated. Seed.
485619. CH ZM 07 064. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Longavi. 160m. Race Hibrido. Cultivated. Seed.
485620. CH ZM 07 082. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Palmilla. 100m. Race Hibrido. Cultivated. Seed.
485621. CH ZM 07 087. Chile. Latitude: 35 deg S; Longitude: 072 deg W. Botalcura. 100m. Race Hibrido. Cultivated. Seed.
485622. CH ZM 07 096. Chile. Latitude: 35 deg S; Longitude: 072 deg W. Pelarco. 150m. Race Hibrido. Cultivated. Seed.
485623. CH ZM 07 100. Chile. Latitude: 35 deg S; Longitude: 072 deg W. Pelarco. 180m. Race Diente de Caballo. Cultivated. Seed.

485608 TO 485720-continued

485624. CH ZM 08 010. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Ninhue. 150m. Race Curagua. Cultivated. Seed.
485625. CH ZM 08 011. Chile. Latitude: 36 deg S; Longitude: 072 deg W. Ninhue. 180m. Race Ocho Corridos. Cultivated. Seed.
485626. CH ZM 08 014. Chile. Latitude: 36 deg S; Longitude: 072 deg W. San Carlos. 250m. Race Curagua. Cultivated. Seed.
485627. CH ZM 08 031. Chile. Latitude: 37 deg S; Longitude: 072 deg W. General Cruz. 50m. Race Cristalino chileno. Cultivated. Seed.
485628. CH ZM 08 042. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Los Angeles. 100m. Race Ocho Corridas. Cultivated. Seed.
485629. CH ZM 08 046. Chile. Latitude: 37 deg S; Longitude: 073 deg W. Nacimiento. 50m. Race Ocho Corridas. Cultivated. Seed.
485630. CH ZM 08 048. Chile. Latitude: 37 deg S; Longitude: 073 deg W. Negrete. 50m. Race Ocho Corridas. Cultivated. Seed.
485631. CH ZM 08 049. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Quilleco. 250m. Race Ocho Corridas. Cultivated. Seed.
485632. CH ZM 08 051. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Quilleco. 250m. Race Ocho Corridas. Cultivated. Seed.
485633. CH ZM 08 052. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Quilleco. 450m. Race Ocho Corridas. Cultivated. Seed.
485634. CH ZM 08 053. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Quilleco. 450m. Race Ocho Corridas. Cultivated. Seed.
485635. CH ZM 08 054. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Quilleco. 475m. Race Ocho Corridas. Cultivated. Seed.
485636. CH ZM 08 056. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Castillo. 400m. Race Ocho Corridas. Cultivated. Seed.
485637. CH ZM 08 057. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Castillo. 400m. Race Ocho Corridas. Cultivated. Seed.

485608 TO 485720-continued

485638. CH ZM 08 060. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Villacura. 450m. Race Pisankalla. Cultivated. Seed.
485639. CH ZM 08 061. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Villacura. 420m. Race Araucano. Cultivated. Seed.
485640. CH ZM 08 062. Chile. Latitude: 37 deg S; Longitude: 072 deg W. Villacura. 400m. Race Ocho Corridas. Cultivated. Seed.
485641. CH ZM 08 066. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Quilaco. 180m. Race Ocho Corridas. Cultivated. Seed.
485642. CH ZM 08 067. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Mulchen. 180m. Race Ocho Corridas. Cultivated. Seed.
485643. CH ZM 08 068. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Mulchen. 100m. Race Ocho Corridas. Cultivated. Seed.
485644. CH ZM 08 069. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Mulchen. 70m. Race Morocho Blanco. Cultivated. Seed.
485645. CH ZM 08 076. Chile. Latitude: 37 deg S; Longitude: 073 deg W. Negrete. 50m. Race Diente de Caballo. Cultivated. Seed.
485646. CH ZM 08 077. Chile. Latitude: 37 deg S; Longitude: 073 deg W. Negrete. 30m. Race Ocho Corridas. Cultivated. Seed.
485647. CH ZM 08 080. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Canete. 120m. Race Araucano. Cultivated. Seed.
485648. CH ZM 08 082. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Canete. 120m. Race Ocho Corridas. Cultivated. Seed.
485649. CH ZM 08 083. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Carampagne. 20m. Race Araucano. Cultivated. Seed.
485650. CH ZM 08 084. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Carampagne. 20m. Race Araucano. Cultivated. Seed.
485651. CH ZM 09 009. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Ocho Corridas. Cultivated. Seed.
485652. CH ZM 09 012. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Agua Fria. 400m. Race Araucano. Cultivated. Seed.

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485653. CH ZM 09 014. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Agua Fria. 400m. Race Araucano. Cultivated. Seed.
485654. CH ZM 09 015. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Agua Fria. 400m. Race Araucano. Cultivated. Seed.
485655. CH ZM 09 016. Chile. Latitude: 38 deg S; Longitude: 072 deg W. Agua Fria. 420m. Race Araucano. Cultivated. Seed.
485656. CH ZM 09 017. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Araucano. Cultivated. Seed.
485657. CH ZM 09 019. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Araucano. Cultivated. Seed.
485658. CH ZM 09 020. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Araucano. Cultivated. Seed.
485659. CH ZM 09 022. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Ocho Corridas. Cultivated. Seed.
485660. CH ZM 09 023. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Araucano. Cultivated. Seed.
485661. CH ZM 09 024. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Lautaro. 300m. Race Ocho Corridas. Cultivated. Seed.
485662. CH ZM 09 026. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Galvarino. 300m. Race Ocho Corridas. Cultivated. Seed.
485663. CH ZM 09 027. Chile. Latitude: 38 deg S; Longitude: 073 deg W. Galvarino. 300m. Race Araucano. Cultivated. Seed.
485664. CH ZM 09 031. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Nueva Imperial. 100m. Race Ocho Corridas. Cultivated. Seed.
485665. CH ZM 09 032. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Nueva Imperial. 100m. Race Araucano. Cultivated. Seed.
485666. CH ZM 09 034. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Nueva Imperial. 100m. Race Araucano. Cultivated. Seed.
485667. CH ZM 09 035. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Nueva Imperial. 100m. Race Araucano. Cultivated. Seed.

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485668. CH ZM 09 036. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Carahue. 100m. Race Araucano. Cultivated. Seed.
485669. CH ZM 09 037. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Carahue. 100m. Race Araucano. Cultivated. Seed.
485670. CH ZM 09 039. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Carahue. 100m. Race Araucano. Cultivated. Seed.
485671. CH ZM 09 040. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 100m. Race Araucano. Cultivated. Seed.
485672. CH ZM 09 042. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 100m. Race Araucano. Cultivated. Seed.
485673. CH ZM 09 043. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 50m. Race Araucano. Cultivated. Seed.
485674. CH ZM 09 044. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 50m. Race Araucano. Cultivated. Seed.
485675. CH ZM 09 046. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 50m. Race Ocho Corridas. Cultivated. Seed.
485676. CH ZM 09 047. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 50m. Race Ocho Corridas. Cultivated. Seed.
485677. CH ZM 09 048. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 50m. Race Araucano. Cultivated. Seed.
485678. CH ZM 09 049. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Puerto Saavedra. 50m. Race Ocho Corridas. Cultivated. Seed.
485679. CH ZM 09 050. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Carahue. 80m. Race Araucano. Cultivated. Seed.
485680. CH ZM 09 051. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Carahue. 80m. Race Araucano. Cultivated. Seed.
485681. CH ZM 09 053. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Carahue. 50m. Race Araucano. Cultivated. Seed.
485682. CH ZM 09 055. Chile. Latitude: 39 deg S; Longitude: 073 deg W. El Alma. 50m. Race Araucano. Cultivated. Seed.

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485683. CH ZM 09 056. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Hualpin. 20m. Race Araucano. Cultivated. Seed.
485684. CH ZM 09 057. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Llincollican. 60m. Race Araucano. Cultivated. Seed.
485685. CH ZM 09 060. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Calfuco. 100m. Race Araucano. Cultivated. Seed.
485686. CH ZM 09 064. Chile. Latitude: 39 deg S; Longitude: 072 deg W. Villarica. 300m. Race Ocho Corridas. Cultivated. Seed.
485687. CH ZM 09 066. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Cudico. 300m. Race Araucano. Cultivated. Seed.
485688. CH ZM 09 067. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Pocura. 200m. Race Araucano. Cultivated. Seed.
485689. CH ZM 10 001. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Pocura. 200m. Race Araucano. Cultivated. Seed.
485690. CH ZM 10 002. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Pocura. 250m. Race Araucano. Cultivated. Seed.
485691. CH ZM 10 003. Chile. Latitude: 39 deg S; Longitude: 073 deg W. La Mision. 200m. Race Araucano. Cultivated. Seed.
485692. CH ZM 10 005. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Pelihue. 250m. Race Araucano. Cultivated. Seed.
485693. CH ZM 10 007. Chile. Latitude: 39 deg S; Longitude: 073 deg W. Lloncahue. 200m. Race Morocho Blanco. Cultivated. Seed.
485694. CH ZM 10 010. Chile. Latitude: 39 deg S; Longitude: 072 deg W. Pullingue. 100m. Race Ocho Corridas. Cultivated. Seed.
485695. CH ZM 10 011. Chile. Latitude: 39 deg S; Longitude: 072 deg W. Pullingue. 100m. Race Araucano. Cultivated. Seed.
485696. CH ZM 10 012. Chile. Latitude: 39 deg S; Longitude: 072 deg W. Puyehue. 200m. Race Araucano. Cultivated. Seed.
485697. CH ZM 10 013. Chile. Latitude: 39 deg S; Longitude: 072 deg W. Puyehue. 200m. Race Araucano. Cultivated. Seed.
485698. CH ZM 10 014. Chile. Latitude: 40 deg S; Longitude: 072 deg W. Dollico. 200m. Race Araucano. Cultivated. Seed.
485699. CH ZM 10 015. Chile. Latitude: 40 deg S; Longitude: 072

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- deg W. Antuco. 100m. Race Araucano. Cultivated. Seed.
485700. CH ZM 10 016. Chile. Latitude: 40 deg S; Longitude: 072 deg W. Quinchilea. Race Araucano. Cultivated. Seed.
485701. CH ZM 10 017. Chile. Latitude: 40 deg S; Longitude: 073 deg W. Pucatrihue. 50m. Race Araucano. Cultivated. Seed.
485702. CH ZM 10 020. Chile. Latitude: 41 deg S; Longitude: 073 deg W. Cunquillar. Race Araucano. Cultivated. Seed.
485703. CH ZM 10 021. Chile. Latitude: 41 deg S; Longitude: 073 deg W. La Poza. 120m. Race Araucano. Cultivated. Seed.
485704. CH ZM 10 022. Chile. Latitude: 41 deg S; Longitude: 073 deg W. La Poza. 120m. Race Araucano. Cultivated. Seed.
485705. CH ZM 10 023. Chile. Latitude: 41 deg S; Longitude: 073 deg W. La Poza. 120m. Race Araucano. Cultivated. Seed.
485706. CH ZM 10 024. Chile. Latitude: 41 deg S; Longitude: 073 deg W. La Poza. 100m. Race Araucano. Cultivated. Seed.
485707. CH ZM 10 025. Chile. Latitude: 41 deg S; Longitude: 073 deg W. La Poza. 100m. Race Araucano. Cultivated. Seed.
485708. CH ZM 10 026. Chile. Latitude: 40 deg S; Longitude: 073 deg W. Cunquillar. 120m. Race Araucano. Cultivated. Seed.
485709. CH ZM 10 027. Chile. Latitude: 40 deg S; Longitude: 073 deg W. Cunquillar. 120m. Race Ocho Corridas. Cultivated. Seed.
485710. CH ZM 10 030. Chile. Latitude: 40 deg S; Longitude: 073 deg W. Concura. 120m. Race Araucano. Cultivated. Seed.
485711. CH ZM 10 032. Chile. Latitude: 41 deg S; Longitude: 073 deg W. Puerto Octay. 120m. Race Dulce comercial. Cultivated. Seed.
485712. CH ZM 10 033. Chile. Latitude: 41 deg S; Longitude: 073 deg W. Canil. 150m. Race Araucano. Cultivated. Seed.
485713. CH ZM 10 034. Chile. Latitude: 40 deg S; Longitude: 073 deg W. Casa azul. Race Araucano. Cultivated. Seed.
485714. CH ZM 10 037. Chile. Latitude: 40 deg S; Longitude: 073 deg W. Chaquian. Race Araucano. Cultivated. Seed.
485715. CH ZM 13 018. Chile. Latitude: 33 deg S; Longitude: 071 deg W. Mallarauco. 250m. Race Choclero. Cultivated. Seed.
485716. CH ZM 13 019. Chile. Latitude: 33 deg S; Longitude: 071

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- deg W. Mallarauco. 250m. Race Camelia. Cultivated. Seed.
485717. CH ZM 13 022. Chile. Latitude: 33 deg S; Longitude: 071 deg W. San Jose. 280m. Race Diente de Caballo. Cultivated. Seed.
485718. CH ZM 13 023. Chile. Latitude: 33 deg S; Longitude: 071 deg W. San Jose. 170m. Race Hibrido. Cultivated. Seed.
485719. CH ZM 13 026. Chile. Latitude: 33 deg S; Longitude: 071 deg W. San Ramon. 150m. Race Hibrido. Cultivated. Seed.
485720. CH ZM 13 027. Chile. Latitude: 33 deg S; Longitude: 071 deg W. Santiago. 250m. Race Frutilla. Cultivated. Seed.

485721 TO 486126. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Yemen Arab Republic. Donated by Voigt, R.L.; and El Lakany, M.A.; Univ. of Arizona; USAID Sorghum/Millet Program & Field Crop Div., UN Development Program, FAO; Tucson, Arizona; and Taiz.
Received November 1983.

485721. 349. Yemen Arab Republic. Wadi Dabab. 1400m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown and red. Cultivated. Seed.
485722. 351. Yemen Arab Republic. Wadi Yufrus. 1300m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.
485723. 549. Yemen Arab Republic. Habib. 1900m. Race durra. Head type 5 - semi-compact, ovate. Seeds yellow. Cultivated. Seed.
485724. 728. Yemen Arab Republic. Shaelat Al Sayani. 2000m. Race durra. Head type 5 - semi-compact, ovate. Seeds red and white. Cultivated. Seed.
485725. 785. Yemen Arab Republic. Kubba Arwa. 2100m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485726. 786. Yemen Arab Republic. Kubba Arwa. 2100m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485727. 809. Yemen Arab Republic. Kubba Arwa. 2100m. Race durra kafir. Head type 7 - very compact, ovate, flattened base,

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- with usually a recurved peduncle. Seeds yellow and orange. Cultivated. Seed.
485728. 829. Yemen Arab Republic. Ibb. 2000m. Race caudatum. Head type 6 - semi-compact, elliptical. Seeds yellow and orange. Cultivated. Seed.
485729. 830. Yemen Arab Republic. Ibb. 2000m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485730. 836. Yemen Arab Republic. Ibb. 2000m. Race durra kafir. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.
485731. 866. Yemen Arab Republic. Amran. 2200m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds white. Cultivated. Seed.
485732. 976. Yemen Arab Republic. Dhamar Road. 2620m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.
485733. 1032. Yemen Arab Republic. Rusaba. 2400m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds red. Cultivated. Seed.
485734. 1182. Yemen Arab Republic. Eriyan. 2800m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
485735. 1187. Yemen Arab Republic. Eriyan. 2800m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds tan. Cultivated. Seed.
485736. 1190. Yemen Arab Republic. Eriyan. 2800m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.
485737. 1267. Yemen Arab Republic. Al Shira. 2500m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.
485738. 1273. Yemen Arab Republic. Houra. 2600m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.

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485739. 1365. Yemen Arab Republic. Sadda. 1800m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds red and orange. Cultivated. Seed.
485740. 1367. Yemen Arab Republic. Houra Kitab Sd Road. 2600m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.
485741. 1373. Yemen Arab Republic. Sn-Sd Road. 2450m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds white. Cultivated. Seed.
485742. 1392. Yemen Arab Republic. Yarim. 2600m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.
485743. 1395. Yemen Arab Republic. Asfal Sumara. 2300m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds yellow and brown. Cultivated. Seed.
485744. 1419. Yemen Arab Republic. Al Addahav. 1000m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485745. 1444. Yemen Arab Republic. Hiliyal Sumara. 2700m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485746. 1522. Yemen Arab Republic. Al Ganad. 1600m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
485747. 1649. Yemen Arab Republic. Al Hagaheg. 185m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485748. 1662. Yemen Arab Republic. Al Bardi. 175m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485749. 1663. Yemen Arab Republic. Al Bardi. 175m. Race kafir bicolor. Head type 5 - semi-compact, ovate. Seeds tan and white. Cultivated. Seed.
485750. 1668. Yemen Arab Republic. Al Burti. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

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485751. 1670. Yemen Arab Republic. Dahana. 175m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan and brown. Cultivated. Seed.
485752. 1677. Yemen Arab Republic. Elam Abil. 200m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485753. 1684. Yemen Arab Republic. Al Hutta. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485754. 1687. Yemen Arab Republic. Elam Abil. 200m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.
485755. 1705. Yemen Arab Republic. Al Assaraf. 200m. Race caudatum kafir. Head type 5 - semi-compact, ovate. Seeds red. Cultivated. Seed.
485756. 1735. Yemen Arab Republic. Al Garaba. 215m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485757. 1777. Yemen Arab Republic. Surdut. 210m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485758. 1788. Yemen Arab Republic. Surdut. 210m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485759. 1798. Yemen Arab Republic. Surdut. 210m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485760. 1887. Yemen Arab Republic. Heijal Al Garabah. 200m. Race kafir guinea. Head type 3 - open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485761. 1935. Yemen Arab Republic. Bani Burra. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485762. 1936. Yemen Arab Republic. Bani Burra. 200m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485763. 1940. Yemen Arab Republic. Bani Burra. 200m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

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485764. 1941. Yemen Arab Republic. Bani Burra. 200m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds dark orange. Cultivated. Seed.
485765. 1942. Yemen Arab Republic. Al Jabal. 200m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan and orange. Cultivated. Seed.
485766. 1976. Yemen Arab Republic. Al Galah. 210m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485767. 1982. Yemen Arab Republic. Al Galah. 210m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485768. 1985. Yemen Arab Republic. Al Galah. 210m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485769. 1986. Yemen Arab Republic. Al Galah. 210m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds dark orange. Cultivated. Seed.
485770. 1987. Yemen Arab Republic. Al Galah. 210m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds red and orange. Cultivated. Seed.
485771. 2033. Yemen Arab Republic. Beni Mohmed. 210m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485772. 2038. Yemen Arab Republic. Beni Mohmed. 175m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485773. 2040. Yemen Arab Republic. Beni Mohmed. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485774. 2046. Yemen Arab Republic. Beni Mohmed. 175m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485775. 2053. Yemen Arab Republic. Banilah. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485776. 2059. Yemen Arab Republic. Beni Mohmed. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.

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485777. 2063. Yemen Arab Republic. Beni Mohmed. 175m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485778. 2066. Yemen Arab Republic. Beni Mohmed. 175m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485779. 2067. Yemen Arab Republic. Al Mahawit. 160m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds pink. Cultivated. Seed.
485780. 2081. Yemen Arab Republic. Al Kadan. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.
485781. 2086. Yemen Arab Republic. Al Kadan. 220m. Race caudatum. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485782. 2113. Yemen Arab Republic. Al Kadan. 220m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485783. 2128. Yemen Arab Republic. Al Madman. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485784. 2130. Yemen Arab Republic. Al Madman. 220m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485785. 2140. Yemen Arab Republic. Al Sarrah. 200m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485786. 2143. Yemen Arab Republic. Al Sarrah. 200m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan and yellow. Cultivated. Seed.
485787. 2145. Yemen Arab Republic. Al Sarrah. 200m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light tan. Cultivated. Seed.
485788. 2147. Yemen Arab Republic. Al Sarrah. 200m. Race guinea kafir. Head type 3 - open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485789. 2153. Yemen Arab Republic. Al Sarrah. 200m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

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485790. 2155. Yemen Arab Republic. Al Sarrah. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485791. 2157. Yemen Arab Republic. Al Sarrah. 200m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and tan. Cultivated. Seed.
485792. 2162. Yemen Arab Republic. Kuwerah. 200m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485793. 2164. Yemen Arab Republic. Al Madman. 200m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
485794. 2165. Yemen Arab Republic. Al Madman. 200m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485795. 2166. Yemen Arab Republic. Al Madman. 200m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds dark orange. Cultivated. Seed.
485796. 2168. Yemen Arab Republic. Al Madman. 200m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds light tan. Cultivated. Seed.
485797. 2169. Yemen Arab Republic. Al Madman. 50m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485798. 2170. Yemen Arab Republic. Al Sarrah. 200m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485799. 2177. Yemen Arab Republic. Gehat Al Sarrah. 200m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
485800. 2188. Yemen Arab Republic. Al Sarrah. 185m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485801. 2191. Yemen Arab Republic. Al Sarrah. 185m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light red. Cultivated. Seed.
485802. 2192. Yemen Arab Republic. Al Sarrah. 185m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.

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485803. 2193. Yemen Arab Republic. Al Sarrah. 185m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485804. 2199. Yemen Arab Republic. Al Sarrah. 185m. Race durra. Head type 3 - open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485805. 2201. Yemen Arab Republic. Al Sarrah. 185m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485806. 2203. Yemen Arab Republic. Al Sarrah. 185m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds red and orange. Cultivated. Seed.
485807. 2207. Yemen Arab Republic. Al Sarrah. 185m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485808. 2208. Yemen Arab Republic. Al Sarrah. 185m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485809. 2213. Yemen Arab Republic. Al Sarrah. 185m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
485810. 2223. Yemen Arab Republic. Al Sarrah. 185m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan and white. Cultivated. Seed.
485811. 2233. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds dark orange. Cultivated. Seed.
485812. 2236. Yemen Arab Republic. Al Sarrah. 170m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.
485813. 2237. Yemen Arab Republic. Al Sarrah. 170m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485814. 2238. Yemen Arab Republic. Al Sarrah. 170m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485815. 2252. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds yellow and orange. Cultivated. Seed.

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485816. 2253. Yemen Arab Republic. Al Sarrah. 170m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485817. 2254. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and orange. Cultivated. Seed.
485818. 2261. Yemen Arab Republic. Al Sarrah. 170m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485819. 2262. Yemen Arab Republic. Al Sarrah. 170m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485820. 2264. Yemen Arab Republic. Al Sarrah. 170m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485821. 2272. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485822. 2273. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.
485823. 2275. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485824. 2276. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds red and yellow. Cultivated. Seed.
485825. 2277. Yemen Arab Republic. Al Sarrah. 170m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485826. 2280. Yemen Arab Republic. Al Sarrah. 170m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485827. 2288. Yemen Arab Republic. Kahre. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485828. 2292. Yemen Arab Republic. Kahre. 180m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

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485829. 2293. Yemen Arab Republic. Kahre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485830. 2294. Yemen Arab Republic. Kahre. 180m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485831. 2295. Yemen Arab Republic. Kahre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485832. 2302. Yemen Arab Republic. Mahal Al Dabek. 170m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485833. 2312. Yemen Arab Republic. Mahal Al Dabek. 170m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and red. Cultivated. Seed.
485834. 2315. Yemen Arab Republic. Kahre. 180m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds brown and red. Cultivated. Seed.
485835. 2317. Yemen Arab Republic. Kahre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and red. Cultivated. Seed.
485836. 2319. Yemen Arab Republic. Al Kamrah. 220m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds red and orange. Cultivated. Seed.
485837. 2320. Yemen Arab Republic. Kahre. 180m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown and yellow. Cultivated. Seed.
485838. 2322. Yemen Arab Republic. Kahre. 170m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and brown. Cultivated. Seed.
485839. 2324. Yemen Arab Republic. Kahre. 180m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485840. 2335. Yemen Arab Republic. Al Taher. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485841. 2385. Yemen Arab Republic. Kwober. 220m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.

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485842. 2391. Yemen Arab Republic. Kwober. 220m. Race *caudatum* kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.
485843. 2396. Yemen Arab Republic. Sordud. 235m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485844. 2397. Yemen Arab Republic. Sordud. 210m. Race *caudatum*. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and white. Cultivated. Seed.
485845. 2399. Yemen Arab Republic. Sordud. 210m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485846. 2400. Yemen Arab Republic. Sordud. 235m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485847. 2403. Yemen Arab Republic. Sordud. 235m. Race *durra* *caudatum*. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485848. 2406. Yemen Arab Republic. Al Assaraf. 215m. Race *durra*. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485849. 2407. Yemen Arab Republic. Al Kwirh. 120m. Race *durra* kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485850. 2408. Yemen Arab Republic. Al Kwirh. 120m. Race *durra* kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485851. 2424. Yemen Arab Republic. Al Himeh. 1680m. Race *durra* *caudatum*. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485852. 2431. Yemen Arab Republic. Al Kohre. 180m. Race *durra* *caudatum*. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485853. 2432. Yemen Arab Republic. Kohre. 180m. Race *durra*. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485854. 2440. Yemen Arab Republic. Al Kohre. 180m. Race *durra* *caudatum*. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

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485855. 2442. Yemen Arab Republic. Kohre. 180m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485856. 2444. Yemen Arab Republic. Al Kohre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485857. 2447. Yemen Arab Republic. Kohre. 190m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485858. 2448. Yemen Arab Republic. Kohre. 190m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown and orange. Cultivated. Seed.
485859. 2451. Yemen Arab Republic. Kohre. 190m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485860. 2452. Yemen Arab Republic. Kohre. 190m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485861. 2453. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485862. 2454. Yemen Arab Republic. Kohre. 190m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485863. 2455. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485864. 2457. Yemen Arab Republic. Kohre. 190m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485865. 2462. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485866. 2463. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485867. 2464. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

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485868. 2490. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and tan. Cultivated. Seed.
485869. 2492. Yemen Arab Republic. Mohamad Esmael. 190m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485870. 2494. Yemen Arab Republic. Mohamad Esmael. 180m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.
485871. 2498. Yemen Arab Republic. Mohamad Esmael. 40m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485872. 2507. Yemen Arab Republic. Kohre. 190m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
485873. 2509. Yemen Arab Republic. Kohre. 190m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485874. 2552. Yemen Arab Republic. Al Himeh. 1620m. Race bicolor. Head type 2 - very open, loose, similar to S. sudanense. Seeds light yellow. Cultivated. Seed.
485875. 2558. Yemen Arab Republic. Bene Manssor. 1520m. Race durra bicolor. Head type 6 - semi-compact, elliptical. Seeds light yellow. Cultivated. Seed.
485876. 2560. Yemen Arab Republic. Bene Manssor. 1520m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485877. 2563. Yemen Arab Republic. Bene Manssor. 1520m. Race kafir durra. Head type 6 - semi-compact, elliptical. Seeds orange. Cultivated. Seed.
485878. 2565. Yemen Arab Republic. Bene Manssor. 1520m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds dark orange. Cultivated. Seed.
485879. 2588. Yemen Arab Republic. Al Himeh. 1420m. Race bicolor. Head type 3 - open, elongated, elliptical. Seeds pink and white. Cultivated. Seed.
485880. 2604. Yemen Arab Republic. Al Himeh. 1870m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds pink. Cultivated. Seed.

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485881. 2605. Yemen Arab Republic. Barkat. 1870m. Race guinea kafir. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.
485882. 2610. Yemen Arab Republic. Mwsanh. 1370m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds light tan. Cultivated. Seed.
485883. 2614. Yemen Arab Republic. Mwsanh. 1370m. Race caudatum kafir. Head type 5 - semi-compact, ovate. Seeds yellow and white. Cultivated. Seed.
485884. 2616. Yemen Arab Republic. Mwsanh. 1370m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds white. Cultivated. Seed.
485885. 2627. Yemen Arab Republic. Masar. 1170m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485886. 2628. Yemen Arab Republic. Masar. 1170m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds yellow and white. Cultivated. Seed.
485887. 2629. Yemen Arab Republic. Bakal. 1140m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and white. Cultivated. Seed.
485888. 2635. Yemen Arab Republic. Bab Shanatef. 570m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and red. Cultivated. Seed.
485889. 2637. Yemen Arab Republic. Bab Shanatef. 570m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
485890. 2647. Yemen Arab Republic. Mahal Alotome. 580m. Race durra. Head type 6 - semi-compact, elliptical. Seeds yellow and white. Cultivated. Seed.
485891. 2652. Yemen Arab Republic. Mahal Alotome. 580m. Race durra. Head type 3 - open, elongated, elliptical. Seeds light yellow. Cultivated. Seed.
485892. 2660. Yemen Arab Republic. Mahal Alotome. 580m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown and tan. Cultivated. Seed.
485893. 2666. Yemen Arab Republic. Sar Almahwit. 580m. Race caudatum kafir. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds

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yellow and brown. Cultivated. Seed.

485894. 2670. Yemen Arab Republic. Bait Alhijah. 590m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange and red. Cultivated. Seed.
485895. 2679. Yemen Arab Republic. Al Mahteh. 630m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.
485896. 2684. Yemen Arab Republic. Karit Alkafleh. 650m. Race durra. Head type 3 - open, elongated, elliptical. Seeds dark yellow. Cultivated. Seed.
485897. 2687. Yemen Arab Republic. Al Mahteh. 650m. Race durra. Head type 3 - open, elongated, elliptical. Seeds tan and yellow. Cultivated. Seed.
485898. 2689. Yemen Arab Republic. Al Mahteh. 650m. Race durra. Head type 3 - open, elongated, elliptical. Seeds yellow and orange. Cultivated. Seed.
485899. 2690. Yemen Arab Republic. Al Mahteh. 650m. Race durra. Head type 3 - open, elongated, elliptical. Seeds orange and yellow. Cultivated. Seed.
485900. 2713. Yemen Arab Republic. Al Jomah. 760m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.
485901. 2715. Yemen Arab Republic. Al Nagda. 780m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485902. 2721. Yemen Arab Republic. Al Jomah. 780m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange tan. Cultivated. Seed.
485903. 2722. Yemen Arab Republic. Al Jomah. 780m. Race caudatum. Head type 4 - semi-open, elongated, elliptical and head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds tan and brown. Cultivated. Seed.
485904. 2724. Yemen Arab Republic. Al Jomah. 780m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.
485905. 2725. Yemen Arab Republic. Bait Al Nahme. 780m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds

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- orange. Cultivated. Seed.
485906. 2726. Yemen Arab Republic. Al Nagda. 780m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.
485907. 2727. Yemen Arab Republic. Al Wastah. 800m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange and red. Cultivated. Seed.
485908. 2731. Yemen Arab Republic. Al Nahme. 780m. Race durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485909. 2732. Yemen Arab Republic. Al Nahme. 780m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485910. 2733. Yemen Arab Republic. Al Nahme. 780m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485911. 2734. Yemen Arab Republic. Al Nahme. 780m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown and orange. Cultivated. Seed.
485912. 2741. Yemen Arab Republic. Almahwit Bait Alnahme. 780m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485913. 2745. Yemen Arab Republic. Almahwit Bait Nahme. 780m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.
485914. 2749. Yemen Arab Republic. Almahwit Alganah. 780m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and red. Cultivated. Seed.
485915. 2757. Yemen Arab Republic. Almahwit Al Wostah. 800m. Race caudatum kafir. Head type 3 - open, elongated, elliptical. Seeds yellow and orange. Cultivated. Seed.
485916. 2759. Yemen Arab Republic. Almahwit Al Wostah. 800m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds red and brown. Cultivated. Seed.
485917. 2763. Yemen Arab Republic. Almahwit Al Wostah. 800m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

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485918. 2769. Yemen Arab Republic. Almahwit Bakral Gumah. 820m. Race caudatum durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds red and brown. Cultivated. Seed.
485919. 2772. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485920. 2776. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485921. 2780. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Cultivated. Seed.
485922. 2783. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485923. 2784. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.
485924. 2789. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and brown. Cultivated. Seed.
485925. 2793. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds brown. Cultivated. Seed.
485926. 2799. Yemen Arab Republic. Almahwit Al Mahaiekah. 865m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.
485927. 2800. Yemen Arab Republic. Almahwit Al Mahaiekah. 865m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds red and orange. Cultivated. Seed.
485928. 2804. Yemen Arab Republic. Almahwit Sirah. 860m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.
485929. 2805. Yemen Arab Republic. Almahwit Sirah. 860m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.
485930. 2811. Yemen Arab Republic. Almahwit Sirah. 1010m. Race

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- caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485931. 2813. Yemen Arab Republic. Almahwit Sirah. 1010m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown and orange. Cultivated. Seed.
485932. 2822. Yemen Arab Republic. Almahwit Sirah. 1010m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485933. 2824. Yemen Arab Republic. Almahwit Sirah. 1010m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
485934. 2835. Yemen Arab Republic. Almahwit Sirah. 1010m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light brown and white. Cultivated. Seed.
485935. 2838. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.
485936. 2842. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485937. 2844. Yemen Arab Republic. Almahwit Sirah. 1045m. Race kafir caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485938. 2858. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485939. 2860. Yemen Arab Republic. Almahwit Sirah, 1045m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485940. 2862. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485941. 2865. Yemen Arab Republic. Almahwit Sirah. 1045m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485942. 2866. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485943. 2870. Yemen Arab Republic. Almahwit Sirah. 1045m. Race

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- durra bicolor. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485944. 2872. Yemen Arab Republic. Almahwit Mahady. 990m. Race caudatum durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485945. 2874. Yemen Arab Republic. Almahwit Bait Al Mahady. 990m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485946. 2876. Yemen Arab Republic. Almahwit Bait Al Mahady. 990m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485947. 2882. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485948. 2883. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485949. 2884. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485950. 2887. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Cultivated. Seed.
485951. 2891. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Cultivated. Seed.
485952. 2892. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Race durra. Head type 5 - semi-compact, ovate. Seeds white and orange. Cultivated. Seed.
485953. 2893. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.
485954. 2901. Yemen Arab Republic. Almahwit Al Koulah. 880m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
485955. 2905. Yemen Arab Republic. Almahwit Al Koulah. 880m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485956. 2907. Yemen Arab Republic. Almahwit Al Koulah. 880m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

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485957. 2911. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485958. 2920. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
485959. 2924. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race caudatum durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485960. 2926. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485961. 2927. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485962. 2928. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485963. 2930. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race caudatum bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485964. 2931. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race bicolor kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485965. 2936. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race guinea kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485966. 2939. Yemen Arab Republic. Al Kata'a. 915m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
485967. 2940. Yemen Arab Republic. Al Kata'a. 915m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485968. 2942. Yemen Arab Republic. Al Kata'a. 1345m. Race kafir caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.

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485969. 2949. Yemen Arab Republic. Al Arkoob. 1345m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485970. 2951. Yemen Arab Republic. Al Arkoob. 1345m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
485971. 2952. Yemen Arab Republic. Al Arkoob. 1345m. Race bicolor kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485972. 2955. Yemen Arab Republic. Al Arkoob. 1365m. Race cuadatum bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485973. 2956. Yemen Arab Republic. Al Arkoob. 1345m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
485974. 2961. Yemen Arab Republic. Al Arkoob. 1345m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485975. 2984. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485976. 2992. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race kafir bicolor. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485977. 2995. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
485978. 2998. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485979. 2999. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race caudatum bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485980. 3000. Yemen Arab Republic. Al Karow. 1345m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
485981. 3003. Yemen Arab Republic. Al Karow. 1345m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

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485982. 3004. Yemen Arab Republic. Al Karow. 1345m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
485983. 3006. Yemen Arab Republic. Al Karow. 1345m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
485984. 3012. Yemen Arab Republic. Al Balad. 1345m. Race caudatum bicolor. Head type 3 - open, elongated, elliptical. Seeds white and yellow. Cultivated. Seed.
485985. 3013. Yemen Arab Republic. Al Balad. 1345m. Race caudatum bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485986. 3023. Yemen Arab Republic. Al Arkoob. 1345m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485987. 3032. Yemen Arab Republic. Showter. 1350m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485988. 3034. Yemen Arab Republic. Showter. 1350m. Race caudatum bicolor. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
485989. 3037. Yemen Arab Republic. Reidah. 1350m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
485990. 3043. Yemen Arab Republic. Al Shahedy. 1380m. Race bicolor kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485991. 3054. Yemen Arab Republic. Al Shahedy. 1380m. Race durra. Head type 5 - semi-compact, ovate. Seeds white and brown. Cultivated. Seed.
485992. 3067. Yemen Arab Republic. Al Shahedy. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
485993. 3068. Yemen Arab Republic. Al Shahedy. 1355m. Race durra kafir. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485994. 3069. Yemen Arab Republic. Al Shahedy. 1355m. Race durra

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- caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485995. 3070. Yemen Arab Republic. Al Reidah. 1355m. Race durra. Head type 5 - semi-compact, ovate. Seeds orange. Cultivated. Seed.
485996. 3073. Yemen Arab Republic. Al Reidah. 1355m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
485997. 3075. Yemen Arab Republic. Al Reidah. 1355m. Race durra bicolor. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and white. Cultivated. Seed.
485998. 3086. Yemen Arab Republic. Showter. 1350m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light yellow. Cultivated. Seed.
485999. 3091. Yemen Arab Republic. Reidah. 1355m. Race durra bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486000. 3096. Yemen Arab Republic. Showter. 1350m. Race durra bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486001. 3099. Yemen Arab Republic. Al Shahedy. 1355m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486002. 3100. Yemen Arab Republic. Al Shahedy. 1355m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486003. 3101. Yemen Arab Republic. Al Shahedy. 1355m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486004. 3105. Yemen Arab Republic. Al Karun. 1580m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486005. 3108. Yemen Arab Republic. Al Karun. 1580m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486006. 3109. Yemen Arab Republic. Al Karun. 1580m. Race durra bicolor. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

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486007. 3110. Yemen Arab Republic. Al Karun. 1580m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486008. 3111. Yemen Arab Republic. Al Karun. 1580m. Race durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486009. 3112. Yemen Arab Republic. Al Karun. 1580m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486010. 3113. Yemen Arab Republic. Al Karun. 1580m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486011. 3114. Yemen Arab Republic. Al Karun. 1580m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486012. 3116. Yemen Arab Republic. Al Karun. 1580m. Race durra. Head type 5 - semi-compact, ovate. Seeds orange. Cultivated. Seed.
486013. 3117. Yemen Arab Republic. Al Karun. 1580m. Race durra bicolor. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.
486014. 3119. Yemen Arab Republic. Al Karun. 1580m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486015. 3123. Yemen Arab Republic. Mahl Noman. 1660m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486016. 3125. Yemen Arab Republic. Mahl Noman. 1660m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486017. 3127. Yemen Arab Republic. Mahl Noman. 1660m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and brown. Cultivated. Seed.
486018. 3128. Yemen Arab Republic. Al Naina. 1660m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486019. 3131. Yemen Arab Republic. Al Naina. 1660m. Race durra kafir. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.

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486020. 3134. Yemen Arab Republic. Mahal Noman. 1660m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486021. 3135. Yemen Arab Republic. Mahal Noman. 1660m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486022. 3136. Yemen Arab Republic. Mahal Noman. 1660m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486023. 3140. Yemen Arab Republic. Bait Al Kuhaiti. 1670m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486024. 3142. Yemen Arab Republic. Bait Al Kuhaiti. 1670m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486025. 3144. Yemen Arab Republic. Bait Al Kuhaiti. 1670m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow and orange. Cultivated. Seed.
486026. 3145. Yemen Arab Republic. Bait Al Kuhaiti. 1670m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486027. 3149. Yemen Arab Republic. Akabat. 1670m. Race durra caudatum. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.
486028. 3150. Yemen Arab Republic. Akabat. 1670m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486029. 3151. Yemen Arab Republic. Akabat. 1670m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486030. 3157. Yemen Arab Republic. Akabat. 1670m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486031. 3158. Yemen Arab Republic. Akabat. 1670m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486032. 3159. Yemen Arab Republic. Akabat. 1670m. Race durra. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

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486033. 3162. Yemen Arab Republic. Akabat. 1670m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and brown. Cultivated. Seed.
486034. 3163. Yemen Arab Republic. Akabat. 1670m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.
486035. 3165. Yemen Arab Republic. Bait Akabat. 1670m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486036. 3167. Yemen Arab Republic. Bait Sahidi. 1430m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
486037. 3168. Yemen Arab Republic. Bait Sahidi. 1430m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
486038. 3169. Yemen Arab Republic. Bait Sahidi. 1430m. Race bicolor kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486039. 3170. Yemen Arab Republic. Bait Sahidi. 1430m. Race bicolor kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486040. 3172. Yemen Arab Republic. Bait Sahidi. 1430m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486041. 3173. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486042. 3174. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486043. 3175. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486044. 3180. Yemen Arab Republic. Bait Sahidi. 1430m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486045. 3181. Yemen Arab Republic. Bait Sahidi. 2143m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

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486046. 3182. Yemen Arab Republic. Bait Sahidi. 1430m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486047. 3184. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486048. 3185. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486049. 3187. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486050. 3189. Yemen Arab Republic. Bait Sahidi. 1430m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds light brown. Cultivated. Seed.
486051. 3191. Yemen Arab Republic. Bait Sahidi. 1430m. Race bicolor. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486052. 3202. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486053. 3203. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486054. 3206. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486055. 3207. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486056. 3208. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
486057. 3210a. Yemen Arab Republic. Al Balad. 1355m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds light tan. Cultivated. Seed.
486058. 3211. Yemen Arab Republic. Al Balad. 1355m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.

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486059. 3212. Yemen Arab Republic. Al Balad. 1355m. Race durra bicolor. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486060. 3213. Yemen Arab Republic. Al Balad. 1355m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486061. 3214. Yemen Arab Republic. Al Balad. 1355m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486062. 3218. Yemen Arab Republic. Al Balad. 1355m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds tan. Cultivated. Seed.
486063. 3226. Yemen Arab Republic. Hadaf. 1360m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486064. 3228. Yemen Arab Republic. Wadi Amran. 1360m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486065. 3229. Yemen Arab Republic. Wadi Amran. 1360m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486066. 3230. Yemen Arab Republic. Wadi Amran. 1360m. Race kafir bicolor. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.
486067. 3231. Yemen Arab Republic. Wadi Amran. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486068. 3233. Yemen Arab Republic. Wadi Amran. 1360m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486069. 3234. Yemen Arab Republic. Hadaf. 1360m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
486070. 3237. Yemen Arab Republic. Wadi Amran. 1355m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
486071. 3238. Yemen Arab Republic. Wadi Amran. 1355m. Race durra

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- caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
486072. 3243. Yemen Arab Republic. Al Balad. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486073. 3246a. Yemen Arab Republic. Al Karwo. 1360m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486074. 3246b. Yemen Arab Republic. Al Karwo. 1360m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486075. 3247. Yemen Arab Republic. Al Balad. 1360m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds light brown. Cultivated. Seed.
486076. 3250. Yemen Arab Republic. Al Karwo. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486077. 3252. Yemen Arab Republic. Al Balad. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds light brown. Cultivated. Seed.
486078. 3253. Yemen Arab Republic. Al Balad. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486079. 3254. Yemen Arab Republic. Al Balad. 1360m. Race durra bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486080. 3255. Yemen Arab Republic. Al Karwo. 1360m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486081. 3257. Yemen Arab Republic. Al Balad. 1360m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
486082. 3258. Yemen Arab Republic. Al Karwo. 1360m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486083. 3259. Yemen Arab Republic. Al Balad. 1360m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486084. 3260. Yemen Arab Republic. Al Balad. 1360m. Race durra

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- kafir. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
486085. 3264. Yemen Arab Republic. Al Balad. 1355m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds light brown. Cultivated. Seed.
486086. 3266. Yemen Arab Republic. Al Balad. 1355m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486087. 3268. Yemen Arab Republic. Al Balad. 1360m. Race kafir bicolor. Head type 2 - very open, loose, similar to S. sudanense. Seeds yellow. Cultivated. Seed.
486088. 3269. Yemen Arab Republic. Al Balad. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486089. 3271. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486090. 3272. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486091. 3273. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486092. 3280. Yemen Arab Republic. Mahal Al Redah. 1380m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486093. 3282. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486094. 3283. Yemen Arab Republic. Mahal Al Redah. 1380m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486095. 3284. Yemen Arab Republic. Wadi Amran. 1355m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486096. 3286. Yemen Arab Republic. Wadi Amran. 1355m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486097. 3292. Yemen Arab Republic. Al Kadan. 1340m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds yellow.

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Cultivated. Seed.

486098. 3293. Yemen Arab Republic. Al Balad. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486099. 3308. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486100. 3314. Yemen Arab Republic. Wadi Amran. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486101. 3318. Yemen Arab Republic. Al Kadan. 1345m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486102. 3325. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486103. 3329. Yemen Arab Republic. Al Arkoob. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.
486104. 3332. Yemen Arab Republic. Al Arkoob. 1360m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.
486105. 3333. Yemen Arab Republic. Al Arkoob. 1360m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486106. 3334. Yemen Arab Republic. Al Arkoob. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486107. 3336. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds white. Cultivated. Seed.
486108. 3338. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
486109. 3340. Yemen Arab Republic. Mahal Al Redah. 1380m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.
486110. 3342. Yemen Arab Republic. Mahal Al Redah. 1380m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

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486111. 3343. Yemen Arab Republic. Al Arkoob. 1360m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.
486112. 3344. Yemen Arab Republic. Al Arkoob. 1360m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486113. 3345. Yemen Arab Republic. Al Arkoob. 1360m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486114. 3348. Yemen Arab Republic. Al Arkoob. 1360m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486115. 3349. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.
486116. 3352. Yemen Arab Republic. Al Arkoob. 1360m. Race durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.
486117. 3354. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.
486118. 3356. Yemen Arab Republic. Al Arkoob. 1360m. Race durra. Head type 7 - very compact, ovate, flattened base, with usually a recurved peduncle. Seeds orange. Cultivated. Seed.
486119. 3357. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486120. 3358. Yemen Arab Republic. Al Arkoob. 1360m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486121. 3359. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486122. 3361. Yemen Arab Republic. Al Arkoob. 1390m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.
486123. 3363. Yemen Arab Republic. Al Arkoob. 1390m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.

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486124. 3365. Yemen Arab Republic. Gabal Tarek. 1390m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486125. 3367. Yemen Arab Republic. Al Arkoob. 1390m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.
486126. 3369. Yemen Arab Republic. Al Arkoob. 1390m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

486127 TO 486128. *Lens culinaris* Medik. (Fabaceae) Lentil.

From United States. Donated by Muehlbauer, F.J.; USDA-ARS, Washington State University; Pullman, Washington.
Received March 1984.

486127. United States. Selection from VW 000504. Original material from Van Wilson. Seed coat and cotyledons green. Yield good. Seeds large. Tolerant to pea streak virus. Susceptible to pea enation mosaic virus. Breeding Material. Seed.
486128. Dupuy. France. French cooking type. Seeds dark mottled. Cotyledons green. Cultivar. Seed.

486129. *Brachiaria dictyoneura* (Fig. & De Not.) Stapf (Poaceae).

From Australia. Donated by Plant Introduction & Quarantine Unit, CSIRO; Canberra.
Received February 1984.

CPI 59610. Zambia. Latitude: 10 deg S. Collected February 04, 1972. Isoka road, 60m east of Kasama. 1242m. Collector number RWS 436. Rainfall 1200mm. Wild. Seed.

486130. *Medicago sativa* subsp. *sativa* L. (Fabaceae) Alfalfa.

From Japan. Donated by National Grassland Institute, Ministry of Agriculture, Forestry and Fisheries; Nishinasuno, Tochigi 329-27. Received through United States-Japan National Resources Project on forage crop germplasm.
Received November 1983.

'Kitawakaba'. Japan. Hokkaido National Agricultural Exp. Sta., Sapporo. Plants semi-prostrate with fine stems and dark green leaves. Early spring regrowth and vigor good. Flowers variegated, light purple, yellow and white. Seed

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yield excellent. Forage yield higher than 'Thor' but less lodging resistance. High resistance to common leaf spot (*Pseudopeziza medicaginis*). Moderate resistance to pepper spot (*Leptosphaerulina briosina*). Winter survival excellent in Hokkaido where recommended for hay, not pasture. Cultivar. Seed.

486131 TO 486132. *Pisum sativum* L. (Fabaceae) Garden pea.

From United States. Collected by Norvell, O.W.; Sanford University; Palo Alto, California.
Received March 1984.

486131. E8454-A-F. Ecuador. Tulcan. Seeds mixed with PI 415891, *Phaseolus vulgaris*. Cultivated. Seed.

486132. P8583. Peru. Cuzco. Seeds mixed with PI 415962, *Phaseolus vulgaris*. Cultivated. Seed.

486133 TO 486137. *Avena sativa* L. (Poaceae) Common oat.

From United States. Donated by Reeves, D.L.; Department of Plant Science, South Dakota State University; Brookings, South Dakota.
Received February 1984.

486133. SD 743358-06. 'Kelly'. United States. Dal/Nodaway 70. Maturity early, white hulled, high test weight. Similar to Nodaway 70 except has better straw and crown rust resistance. Resistant to smut. Cultivar. Seed.

486134. SD 743358-12. United States. Dal/Nodaway 70. Maturity late. Plants tall, white hulled, high test weight. Resistant to smut. Breeding Material. Seed.

486135. SD 790369. United States. Moore/Wright. Hulls white. Seeds long. Susceptible to Barley Yellow Dwarf virus. Highly resistant to race 326 crown rust. Genes SR 2 and SR 4 (segregating) present for stem rust resistance. Breeding Material. Seed.

486136. SD 760062. United States. Froker//Clintland 64/Garland. Maturity midseason. Seeds somewhat small, yellow. Breeding Material. Seed.

486137. SD 752499. United States. CI 8421/SD 701598. Seeds small, mostly yellow, a few white. Protein level fairly high. Yield good. Susceptible to crown rust races. Breeding Material. Seed.

486138. *Allium cepa* L. (Amaryllidaceae) Onion.

From Colombia. Donated by Jaramillo V., J.; Programa Hortalizas, Instituto Colombiano Agropecuario; Palmira. Received March 1984.

'Ocanera'. Colombia. Ocanera area of northeast Colombia. Commercially produced from asexual propagules. Ancient type probably from Spanish colonist origin. Blooms in cold highlands but produces no seed because of lack of viable pollen. Stores well. Fair resistance to *Alternaria porri* and *Erwinia*. Susceptible to pink root disease (*Pyrenochaeta*). Cultivar. Seed.

486139 TO 486149. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Northrup King Company; York, Nebraska. Received February 1984.

486139. 'Klasic'. United States. Klein Rendidor/2*Sonora//Inia/3/Ciano/4/Yecora. Hard white type. Plants semidwarf. Spikes awned, lax to middense. Seeds ovate to elliptical. Germs mid-sized. Moderately resistant to TNM, and susceptible to QSHS races of stem rust. Seedling resistance to leaf rust races KGB and CBC. Well adapted to irrigated areas of Arizona and California. Spring Annual. Cultivar. Seed.

486140. 'Solar'. United States. Sonora 64/Tezanos Pintos Precoz. Hard red type. Plants semidwarf. Spikes awned, lax. Seeds ovate to oval. Germs small. Resistant to stem rust and adult plant resistance to leaf rust. Moderately resistant to Hessian Fly. Well adapted to Minnesota and the Dakotas. Spring Annual. Cultivar. Seed.

486141. 'Walera'. United States. Waldron/Era. Hard red type. Plants semidwarf. Spikes awned, lax to middense. Seeds ovate. Resistant to stem rust, and moderately susceptible to leaf rust. Susceptible to Hessian Fly, Great Plains biotype. Adapted to North and South Dakota, Minnesota and Montana. Spring Annual. Cultivar. Seed.

486142. '711'. United States. Minnesota II 62-61 (Insensitive)/Justin//Conley/N.D. 122. Hard red type, maturity early. Plants semidwarf. Spikes awned, middense. Seeds ovate. Resistant to stripe and stem rusts and moderately resistant to leaf rust. Susceptible to Hessian Fly, Great Plains biotype. Adapted to Washington, Idaho, Montana, North and South Dakota and Minnesota. Spring Annual. Cultivar. Seed.

486143. '715'. United States. Era/Justin. Hard red type. Plants semidwarf. Spikes awned, lax to middense. Seeds ovate.

486139 TO 486149-continued

- Germs mid-sized. Moderately susceptible to stem rust race TNMH, and moderately resistant to stem rust race QSHS. Moderately susceptible to Hessian Fly, Great Plains biotype. Adapted to Montana, South and North Dakota and Minnesota. Spring Annual. Cultivar. Seed.
486144. '751'. United States. Tobari 66/Napo//Noroeste 66/Era/3/Bluebird/Gallo or Emu 'Sib'. Hard red type. Plants semidwarf. Spikes awned, middense. Seeds ovate. Germs mid-sized. Resistant to TNMH and moderately susceptible to QSHS races of stem rust. Moderately resistant to leaf rust and powdery mildew. Susceptible to Hessian Fly. Susceptible to foliar disease in Midwest. Adapted to irrigated fields in Washington, Arizona and New Mexico. Spring Annual. Cultivar. Seed.
486145. '771'. United States. Klein Rendidor/2*Sonora//Inia/3/Ciano/4/Bluebird 4 (late). Hard red type. Plants semidwarf. Spikes awned, lax. Seeds ovate. Moderately resistant to stem and leaf rust. Adapted to irrigated areas primarily in Arizona and California. Spring Annual. Cultivar. Seed.
486146. '812'. United States. Oleson's Dwarf/Bison. Hard red type. Plants semidwarf, stiff-strawed, with intermediate growth habit. Spikes awned. Seeds elliptical. Germs mid-sized. Maturity very early. Moderately resistant to leaf rust. Resistant to soil borne mosaic virus. Susceptible to Hessian Fly, Great Plains biotype. Adapted primarily to Texas, except the panhandle. Winterhardiness not adequate for northern Oklahoma and Kansas. Winter Annual. Cultivar. Seed.
486147. '817'. United States. Ottawa/Sturdy//Kaw 61*5/Agent. Hard red type. Plants semidwarf, strong-strawed. Spikes awned, middense. Seeds ovate to elliptical. Maturity medium. Resistant to leaf, stem rust, and Hessian Fly, Great Plains biotype. Moderately susceptible to soil borne mosaic virus. Winter hardy. Adapted to Kansas and Nebraska. Winter Annual. Cultivar. Seed.
486148. '830'. United States. Satanta/Bordenave Puan//Minturki/NB68639. Hard red type. Plants semidwarf. Spikes awned, middense. Seeds ovate. Maturity medium early. Resistance good to stem rust and leaf spot. Intermediate reactions to leaf rust and soil borne mosaic virus. Susceptible to Hessian Fly. Adapted to Kansas and Nebraska. Winter Annual. Cultivar. Seed.
486149. '835'. United States. Lancer/Sturdy. Hard red type. Plants semidwarf. Spikes awned, middense. Seeds ovate to elliptical. Moderately susceptible to leaf and stem rust. Susceptible to soil borne mosaic virus. Moderately resistant to Hessian Fly. Adapted to Texas, Oklahoma and

486139 TO 486149-continued

Kansas. Well suited for irrigation in the High Plains with excellent standability and superior winterhardness. Winter Annual. Cultivar. Seed.

486150. *Triticum durum* Desf. (Poaceae) Durum wheat.

From United States. Donated by Northrup King Company; York, Nebraska.

Received February 1984.

'Aldura'. United States. Albatross/Leeds. Plants semidwarf. Spikes awned, dense. Seeds amber, vitreous, long, elliptical. Germs small. Resistant to leaf and stem rust races in midwest. Semolina color almost equal to North Dakota standard. Well adapted to irrigated areas of Arizona and California. Quality good, yield high. Spring Annual. Cultivar. Seed.

486151. *Avena sativa* L. (Poaceae) Common oat.

From Zimbabwe. Donated by Seed Co-op Company of Zimbabwe, Ltd.; Harare.

Received March 1984.

Florida. Zimbabwe. Cultivated. Seed.

486152 TO 486153. *Hordeum vulgare* L. (Poaceae) Barley.

From Zimbabwe. Donated by Seed Co-op Company of Zimbabwe, Ltd.; Harare.

Received March 1984.

486152. Kyle. Zimbabwe. Cultivar. Seed.

486153. Triumph. Zimbabwe. Cultivar. Seed.

486154 TO 486157. *Triticum aestivum* L. (Poaceae) Common wheat.

From Zimbabwe. Donated by Seed Co-op Company of Zimbabwe, Ltd.; Harare.

Received March 1984.

486154. Angwa. Zimbabwe. Cultivar. Seed.

486155. Chiwore. Zimbabwe. Cultivar. Seed.

486156. Gwebi. Zimbabwe. Cultivar. Seed.

486157. Rusape. Zimbabwe. Cultivar. Seed.

486158. *Cortaderia rudiuscula* Stapf (Poaceae).

From Argentina. Collected by Lopez, Serrano and Legname;
Instituto Miguel Lillo, Universidad Nacional de Tucuman;
Tucuman.

Received March 1984.

Argentina. Collected February 15, 1984. Amaicha Road,
91km S of Los Corpitos school, Tucuman. 3200m. Wild.
Plants.

486159 TO 486163. *Agropyron cristatum* (L.) Gaertn. (Poaceae) Fairway
crested wheatgrass.

From Soviet Union. Donated by VIR; Leningrad. Received through
Asay/Rumbaugh Plant Exploration to USSR, 1982.

Received August 1983.

486159. VIR-29561. Talinskij 1. Soviet Union. USSR. Cultivated.
Seed.

486160. VIR-34519. Aktinbinskij Siroko-kolosyj. Soviet Union.
Kazakh SSR. Cultivated. Seed.

486161. VIR-37493. Soviet Union. Karaganda Region, USSR. Wild.
Seed.

486162. VIR-38044. Ivolginskij 68. Soviet Union. Buryat ASSR.
Cultivated. Seed.

486163. VIR-38873. Doneckij Sirokokolosyj. Soviet Union.
Ukrainian SSR. Cultivated. Seed.

486164 TO 486169. *Agropyron desertorum* (Fisch. ex Link) Schult.
(Poaceae) Standard crested wheatgrass.

From Soviet Union. Donated by VIR; Leningrad. Received through
Asay/Rumbaugh Plant Exploration to USSR, 1982.

Received August 1983.

486164. VIR-27329. Dolinskij 1. Soviet Union. Kazakh SSR.
Cultivated. Seed.

486165. VIR-27790. Dneprovskij Uzkokolosyj. Soviet Union.
Ukrainian SSR. Cultivated. Seed.

486166. VIR-27882. Kamysinskij 1. Soviet Union. Volgograd
Region, USSR. Cultivated. Seed.

486167. VIR-33840. Soviet Union. Uralsk Region, Kazakh SSR. Wild.
Seed.

486164 TO 486169-continued

486168. VIR-35578. Uralskij Uzkokolosyj. Soviet Union. Uralsk Region, Kazakh SSR. Cultivated. Seed.

486169. VIR-40038. Soviet Union. Dzhabul Region, Kazakh SSR. Wild. Seed.

486170 TO 486172. *Agropyron fragile* (Roth) Nevski (Poaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through Asay/Rumbaugh Plant Exploration to USSR, 1982. Received August 1983.

486170. VIR-27634. Aktinbinskij Uzkokolosyj mestnyj. Soviet Union. Kazakh SSR. Cultivated. Seed.

486171. VIR-33838. Soviet Union. Uralsk Region, Kazakh SSR. Wild. Seed.

486172. VIR-35554. Krasnovodopadskij 414. Soviet Union. Kazakh SSR. Cultivated. Seed.

486173 TO 486180. *Bromus inermis* Leyss. (Poaceae) Smooth bromegrass.

From Soviet Union. Donated by VIR; Leningrad. Received through Asay/Rumbaugh Plant Exploration to USSR, 1982. Received August 1983.

486173. VIR-25706. Morsanskij 760. Soviet Union. Tambov Region, USSR. Cultivated. Seed.

486174. VIR-34972. Kazarovicskij. Soviet Union. Transcarpathian Region, USSR. Cultivated. Seed.

486175. VIR-36085. Soviet Union. Urals, USSR. Seed.

486176. VIR-36087. Jubilejnyi. Soviet Union. Leningrad Region, USSR. Cultivated. Seed.

486177. VIR-36203. Tulunskij. Soviet Union. Irkutsk Region, USSR. Cultivated. Seed.

486178. VIR-38035. Kamalinskij 17. Soviet Union. Krasnoyarsk Territory, USSR. Cultivated. Seed.

486179. VIR-38307. Dedinovskij 3. Soviet Union. Moscow Region, USSR. Cultivated. Seed.

486180. VIR-38691. Ostaninskij. Soviet Union. Buryat ASSR. Cultivated. Seed.

486181 TO 486194. *Dactylis glomerata* L. (Poaceae) Orchardgrass.

From Soviet Union. Donated by VIR; Leningrad. Received through Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

- 486181. VIR-27863. Leningradskaja 853. Soviet Union. Leningrad Region, USSR. Cultivated. Seed.
- 486182. VIR-35060. Neva. Soviet Union. Leningrad Region, USSR. Cultivated. Seed.
- 486183. VIR-36682. VIK-61. Soviet Union. Moscow Region, USSR. Cultivated. Seed.
- 486184. VIR-36684. Dvina. Soviet Union. Arkhangelsk Region, USSR. Cultivated. Seed.
- 486185. VIR-38089. Soviet Union. Pskov Region, USSR. Wild. Seed.
- 486186. VIR-38145. Soviet Union. Altai Territory, USSR. Wild. Seed.
- 486187. VIR-38146. Soviet Union. Tomsk Region, USSR. Wild. Seed.
- 486188. VIR-39078. Soviet Union. Novosibirsk Region, USSR. Wild. Seed.
- 486189. VIR-39707. Soviet Union. Karelian ASSR. Wild. Seed.
- 486190. VIR-39740. Soviet Union. Moscow Region, USSR. Wild. Seed.
- 486191. VIR-40277. Soviet Union. Kemerovo Region, USSR. Wild. Seed.
- 486192. VIR-40464. Soviet Union. Komi ASSR. Wild. Seed.
- 486193. VIR-41393. Gruzinoskaja. Soviet Union. Georgian SSR. Cultivated. Seed.
- 486194. VIR-41394. Annenkovskaja 18. Soviet Union. USSR. Cultivated. Seed.

486195 TO 486196. *Elymus fibrosus* (Schrenk) Tzvel. (Poaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

- 486195. VIR-29277. Regnerija Omskaja. Soviet Union. Omsk Region, USSR. Cultivated. Seed.
- 486196. VIR-33889. Sovetskij. Soviet Union. Voronezh Region,

486195 TO 486196-continued
USSR. Cultivated. Seed.

486197 TO 486198. *Elymus hispidus* (Opiz) Meld. (Poaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through
Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

486197. VIR-37191. Soviet Union. Turkmen SSR. Received as
Elytrigia intermedia. Wild. Seed.

486198. VIR-37651. Soviet Union. Moldavian SSR. Received as
Elytrigia intermedia. Wild. Seed.

486199. *Elymus trachycaulus* (Link) Gould ex Shinnars (Poaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through
Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

VIR-31554. Karabalykskij 86. Soviet Union. USSR.
Cultivated. Seed.

486200 TO 486204. *Medicago sativa* subsp. *praefalcata* (Sinsk.) C.R.
Gunn (Fabaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through
Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

486200. VIR-2625. Soviet Union. Georgian SSR. Received as
Medicago glutinosa. Wild. Seed.

486201. VIR-34637. Soviet Union. Stavropol Territory, USSR.
Received as *Medicago glutinosa*. Wild. Seed.

486202. VIR-35022. Soviet Union. Crimean Region, Ukrainian SSR.
Received as *Medicago polychroa*. Wild. Seed.

486203. VIR-35729. Soviet Union. Daghestan ASSR. Received as
Medicago glutinosa. Wild. Seed.

486204. VIR-41987. Soviet Union. Georgian SSR. Received as
Medicago polychroa. Wild. Seed.

486205 TO 486207. *Medicago sativa* subsp. *falcata* (L.) Arc. (Fabaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through
Asay/Rumbaugh Plant Exploration to USSR, 1982.

486205 TO 486207-continued
Received August 1983.

486205. VIR-22506. Kubanskaja Zeltaja. Soviet Union. North Caucasus, USSR. Received as *Medicago quasifalcata*. Cultivated. Seed.
486206. VIR-29208. Soviet Union. Krasnodar Territory, USSR. Received as *Medicago quasifalcata*. Wild. Seed.
486207. VIR-56916. Soviet Union. Stavropol Territory, USSR. Received as *Medicago quasifalcata*. Wild. Seed.

486208 TO 486209. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Soviet Union. Donated by VIR; Leningrad. Received through Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

486208. VIR-19921. Taskentskaja 3192. Soviet Union. Uzbek SSR. Perennial Herb. Cultivated. Seed.
486209. VIR-38358. Taskentskaja 1728. Soviet Union. Uzbek SSR. Perennial Herb. Cultivated. Seed.

486210. *Medicago sativa* subsp. *x varia* (Martyn) Arc. (Fabaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through Asay/Rumbaugh Plant Exploration to USSR, 1982.
Received August 1983.

VIR-31072. Angune II. Soviet Union. USSR. Cultivated.
Seed.

486211 TO 486214. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Johnson, V.A.; USDA-ARS, Department of Agronomy, University of Nebraska; Lincoln, Nebraska.
Received March 1984.

486211. NE 76706. United States. Bezostaia 1/2*Centurk 78. Hard red type. Plants tall, winterhardy, awned, white-chaffed. Maturity late. Gluten strong. Susceptible to leaf rust, moderately resistant to stem rust. Susceptible to soilborne and wheat streak mosaic viruses and to Hessian Fly. Adapted to western Nebraska. Winter Annual. Breeding Material. Seed.
486212. NE 77465. United States. Warrior*5/Agent//Centurk 78. Hard red type. Plants standard height or tall, awned,

486211 TO 486214-continued

white-chaffed, winter hardy. Maturity medium to late. Good milling and baking characteristics. Resistant to leaf rust, moderately resistant to stem rust. Susceptible to Hessian Fly. Adapted to Nebraska and to areas somewhat farther north and west. Winter Annual. Breeding Material. Seed.

486213. NE 78414. United States. Sentinel/Centurk. Hard red type. Plants standard height, awned, white-chaffed, winterhardy. Straw strength fair. Maturity medium late. Strong milling and baking characteristics. Resistant to stem rust (including adult pest resistance from Hope), resistant to Hessian Fly. Susceptible to soilborne and wheat streak mosaic viruses. Adapted to Nebraska. Winter Annual. Breeding Material. Seed.

486214. NE 78702. United States. Agate Sib (NE 69441)/TX65A1503-1. Hard red type. Plants semidwarf, awned, white-chaffed. Gluten mellow. Susceptible to leaf and stem rusts, to soilborne and wheat streak mosaic viruses. Resistant to Hessian Fly. Adapted to western Nebraska. Winter Annual. Breeding Material. Seed.

486215 TO 486216. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Smith, E.L.; Department of Agronomy, Oklahoma State University; Stillwater, Oklahoma. Received March 1984.

486215. OK 79256. United States. Aurora/2*TAM W-101. Hard red type. Plants semidwarf, white-chaffed, shatter resistant. Yield high. Maturity medium. Good bread baking quality. Good resistance to leaf rust, stem rust, stripe rust and powdery mildew. Resistant to soilborne mosaic virus. Adapted to the Southern Plains. Winter Annual. Breeding Material. Seed.

486216. OK 79257. United States. Aurora/2*TAM W-101. Hard red type. Plants semidwarf, white-chaffed. Good resistance to shatter. Yield good. Maturity medium. Bread baking qualities good. Resistance good to leaf and stem rusts, stripe rust and powdery mildew. Resistant to soilborne mosaic virus. Adapted to the Southern Plains. Winter Annual. Breeding Material. Seed.

486217 TO 486218. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Quick, J.S.; Department of Agronomy, Colorado State University; Fort Collins, Colorado. Received March 1984.

486217 TO 486218-continued

486217. CO 796326. United States. CO 723117/CO 725856. Plants medium height, similar to Centurk 78, but yield higher and straw strength greater. Adapted to dryland and irrigated winter wheat areas of eastern Colorado. Winter Annual. Breeding Material. Seed.

486218. CO 796386. United States. CO 723117/CO 725856. Plants medium height, similar to Centurk 78, but yield higher and straw strength greater. Adapted to dryland and irrigated winter wheat areas of eastern Colorado. Winter Annual. Breeding Material. Seed.

486219. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Smith, E.L.; Department of Agronomy, Oklahoma State University; Stillwater, Oklahoma. Received March 1984.

OK 754615E. 'Chisholm'. United States. Sturdy Sib/Nicom. Hard red type. Plants semidwarf, strong, short-strawed, awned, white-chaffed. Yield high. Maturity early. Excellent dough-mixing, good bread baking qualities. No specific resistance to disease or insects, but moderately resistant to several diseases of importance in Oklahoma. Winter Annual. Cultivar. Seed.

486220. *Glycine soja* Sieb. & Zucc. (Fabaceae) Wild soybean.

From Japan. Collected by Oka, H.I.; Department of Applied Genetics, National Institute of Genetics; Mishima, Shizuoka Ken. Received through Yun-Tsu Kiang, Univ. of New Hampshire, Durham. Received March 1984.

Japan. Collected 1977. Campus, National Institute of Genetics, Mishima, Shizuoka Ken. Wild. Seed.

486221 TO 486229. *Zea mays* L. (Poaceae) Field corn.

From Bulgaria. Donated by Institute of Introduction and Genetic Resources; Sadovo, Plowdiv. Received March 1984.

486221. 100. Bulgaria. Plants 100-180cm tall. Days to silking 52. Ears 12 rowed. Seeds starchy, white. Primitive Cultivar. Seed.

486222. 210. Bulgaria. Plants 210-220cm tall. Days to silking 57. Ears 14-16 rowed. Seeds flint, white. Primitive Cultivar.

486221 TO 486229-continued

Seed.

486223. 216. Bulgaria. Plants 220-230cm tall. Days to silking 61. Ears 12-14 rowed. Seeds flint, white. Primitive Cultivar. Seed.
486224. 234. Bulgaria. Plants 200-220cm tall. Days to silking 59. Ears 12-14 rowed. Seeds flint, yellow. Primitive Cultivar. Seed.
486225. 269. Bulgaria. Plants 210-220cm tall. Days to silking 62. Ears 14-16 rowed. Seeds flint, yellow. Primitive Cultivar. Seed.
486226. 818. Bulgaria. Plants 200-220cm tall. Days to silking 60. Ears 10-12 rowed. Seeds flint, yellow. Primitive Cultivar. Seed.
486227. 1095. Bulgaria. Plants 180-200cm tall. Days to silking 55. Ears 18-20 rowed. Seeds dent, yellow. Primitive Cultivar. Seed.
486228. 2233. Bulgaria. Plants 190-210cm tall. Days to silking 57. Ears 10-12 rowed. Seeds flint, yellow. Primitive Cultivar. Seed.
486229. 3176. Bulgaria. Plants 190-220cm tall. Days to silking 60. Ears 12-14 rowed. Seeds dent, yellow. Primitive Cultivar. Seed.

486230. *Zea mays* L. (Poaceae) Popcorn.

From Bulgaria. Donated by Institute of Introduction and Genetic Resources; Sadovo, Plovdiv.
Received March 1984.

2274. Bulgaria. Plants 190-200cm tall. Days to silking 70. Ears 16-18 rowed. Seeds yellow. Primitive Cultivar. Seed.

486231 TO 486233. *Aegilops columnaris* Zhuk. (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

486231. TK12-56. Turkey. Collected August 09, 1979. South, 5km of Darende, Malatya Province. 1030m. Wild. Seed.

486231 TO 486233-continued

486232. TK17-70. Turkey. Collected August 10, 1979. Southwest, 12km of Elazig, Elazig Province. 1100m. Wild. Seed.

486233. TK138-743. Turkey. Collected September 02, 1979. North, 10km of Kusadasi, Aydin Province. 130m. Wild. Seed.

486234. *Aegilops comosa* Sibth. & Sm. (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir. Received September 1982.

TK138-750. Turkey. Collected September 02, 1979. North, 10km of Kusadasi, Aydin Province. 130m. Wild. Seed.

486235 TO 486250. *Aegilops cylindrica* Host (Poaceae) Jointed goatgrass.

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir. Received September 1982.

486235. TK46-282. Turkey. Collected August 13, 1979. Northeast, 3km of Gevas, Van Province. 1700m. Wild. Seed.

486236. TK54-301. Turkey. Collected August 14, 1979. Semdinli-Ovac village, Hakkari Province. 1450m. Wild. Seed.

486237. TK57-325. Turkey. Collected August 14, 1979. South, 6km of Semdinli, Hakkari Province. 1700m. Wild. Seed.

486238. TK61-341. Turkey. Collected August 14, 1979. South-northwest, 18km of Semdinli, Hakkari Province. 1620m. Wild. Seed.

486239. TK64-355. Turkey. Collected August 15, 1979. Northeast, 37km of Yuksekova, Hakkari Province. 1670m. Wild. Seed.

486240. TK69-386. Turkey. Collected August 16, 1979. East, 19km of Van, Van Province. 1830m. Wild. Seed.

486241. TK71-390. Turkey. Collected August 16, 1979. Southwest, 11km of Ozalp, Van Province. 1930m. Wild. Seed.

486242. TK74-395. Turkey. Collected August 17, 1979. North, 43km of Van, Van Province. 1710m. Wild. Seed.

486235 TO 486250-continued

486243. TK75-399. Turkey. Collected August 17, 1979. East-south, 42km of Ercis-Karayollari Bakimevi, Van Province. 1700m. Wild. Seed.
486244. TK85-441. Turkey. Collected August 18, 1979. South slope of Mt. Ararat, 16km NE of Dogubayazit, Agri Province. 1470m. Wild. Seed.
486245. TK86-442. Turkey. Collected August 18, 1979. Northeast, 20km of Dogubayazit, Agri Province. 1500m. Wild. Seed.
486246. TK91-457. Turkey. Collected August 19, 1979. West, 35km of Tuzluca, Kars Province. 1010m. Wild. Seed.
486247. TK92-463. Turkey. Collected August 19, 1979. Southwest, 6km of Kagizman-Igdir-Erzurum Road junction. 1190m. Wild. Seed.
486248. TK95-484. Turkey. Collected August 19, 1979. Southeast, 8km of Karakurt, Kars Province. 1380m. Wild. Seed.
486249. TK96-490. Turkey. Collected August 19, 1979. North, 7km of Karakurt, Kars Province. 1700m. Wild. Seed.
486250. TK119-619. Turkey. Collected August 24, 1979. South, 24km of Erzurum-Hinis Road Junction. 1670m. Wild. Seed.

486251. *Aegilops lorentii* Hochst. (Poaceae) Goatgrass.

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities; USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

TK5-31. Turkey. Collected August 08, 1979. Southeast, 9km of Urgup, Nevsehir Province. 1200m. Wild. Seed.

486252 TO 486261. *Aegilops ovata* L. (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

486252. TK15-67. Turkey. Collected August 10, 1979. Southwest, 35km of Elazig, Elazig Province. 1260m. Wild. Seed.
486253. TK17-71. Turkey. Collected August 10, 1979. Southwest,

486252 TO 486261-continued

- 12km of Elazig, Elazig Province. 1100m. Wild. Seed.
486254. TK19-83. Turkey. Collected August 10, 1979. Northwest, 27km of Maden, Elazig Province. 1310m. Wild. Seed.
486255. TK20-98a. Turkey. Collected August 10, 1979. Northwest, 50km of Diyarbakir, Elazig Province. 890m. Wild. Seed.
486256. TK21-105. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486257. TK21-106. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486258. TK21-122a. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486259. TK135-733. Turkey. Collected August 30, 1979. Kizilcahamam, Ankara Province. Wild. Seed.
486260. TK138-744. Turkey. Collected September 02, 1979. North, 10km of Kusadasi, Aydin Province. 130m. Wild. Seed.
486261. TK139-752. Turkey. Collected September 02, 1979. Dilek Yarimadasi National Park, Aydin Province. 0m. Wild. Seed.

486262 TO 486264. *Aegilops speltoides* Tausch (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir. Received September 1982.

486262. TK16-69. Turkey. Collected August 10, 1979. Southwest, 25km of Elazig, Elazig Province. 1160m. Wild. Seed.
486263. TK21-104. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486264. TK21-112. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.

486265 TO 486277. *Aegilops tauschii* Coss. (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.;

486265 TO 486277-continued

Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

- 486265. TK57-317. Turkey. South, 6km of Semdinli, Hakkari Province. 1700m. Received as *A. squarrosa*. Wild. Seed.
- 486266. TK57-318. Turkey. South, 6km of Semdinli, Hakkari Province. 1700m. Received as *A. squarrosa*. Wild. Seed.
- 486267. TK57-322-1. Turkey. South, 6km of Semdinli, Hakkari Province. 1700m. Received as *A. squarrosa*. Wild. Seed.
- 486268. TK57-324. Turkey. South, 6km of Semdinli, Hakkari Province. 1700m. Received as *A. squarrosa*. Wild. Seed.
- 486269. TK61-342. Turkey. South-northwest, 18km from Semdinli towards Yuksekova, Hakkari Province. 1620m. Received as *A. squarrosa*. Wild. Seed.
- 486270. TK64-354. Turkey. Northeast, 37km of Yuksekova, Hakkari Province. 1670m. Received as *A. squarrosa*. Wild. Seed.
- 486271. TK75-400. Turkey. Southeast, 42km of Ercis-Karayollari Bakimevi, Van Province. 1700m. Received as *A. squarrosa*.
- 486272. TK75-405. Turkey. Southeast, 42km of Ercis-Karayollari Bakimevi, Van Province. 1700m. Received as *A. squarrosa*. Wild. Seed.
- 486273. TK91-454. Turkey. West, 35km of Tuzluca, Kars Province. 1010m. Received as *A. squarrosa*. Wild. Seed.
- 486274. TK91-455-1. Turkey. West, 35km of Tuzluca, Kars Province. 1010m. Received as *A. squarrosa*. Wild. Seed.
- 486275. TK91-455-2. Turkey. West, 35km of Tuzluca, Kars Province. 1010m. Received as *A. squarrosa*. Wild. Seed.
- 486276. TK92-467-1. Turkey. Southwest, 6km of Kagizman-Igdir-Erzurum Road Junction. 1190m. Received as *A. squarrosa*. Wild. Seed.
- 486277. TK93-471. Turkey. Southwest, 24km of Kagizman-Igdir-Erzurum Road Junction. 1300m. Received as *A. squarrosa*. Wild. Seed.

486278 TO 486284. *Aegilops triaristata* Willd. (Poaceae) Goatgrass.

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-

486278 TO 486284-continued

ARS, and Regional Agricultural Research Institute;
Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

- 486278. TK5-38. Turkey. Collected August 08, 1979. Southeast, 9km of Urgup, Nevsehir Province. 1200m. Wild. Seed.
- 486279. TK7-42. Turkey. Collected August 09, 1979. Northeast, 20km of Kayseri, Kayseri Province. 1090m. Wild. Seed.
- 486280. TK47-280. Turkey. Collected August 13, 1979. Southeast, 19km of Van, Van Province. 1940m. Wild. Seed.
- 486281. TK75-406. Turkey. Collected August 17, 1979. East-south, 42km of Ercis-Karayollari Bakimevi, Van Province. 1700m. Wild. Seed.
- 486282. TK92-464. Turkey. Collected September 19, 1979. Southwest, 6km of Kagizman-Igdir-Erzurum Road Junction, Kars Province. 1190m. Wild. Seed.
- 486283. TK135-734. Turkey. Collected August 30, 1979. Kizilcahamam, Ankara Province. Wild. Seed.
- 486284. TK140-761. Turkey. Collected September 03, 1979. Aliaga, Izmir Province. 15m. Wild. Seed.

486285 TO 486301. *Aegilops triuncialis* L. (Poaceae) Barb goatgrass.

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

- 486285. TK7-41. Turkey. Collected August 09, 1979. Northeast, 20km of Kayseri, Kayseri Province. 1090m. Wild. Seed.
- 486286. TK13-63. Turkey. Collected August 09, 1979. Southeast, 32km of Darende, Malatya Province. 1780m. Wild. Seed.
- 486287. TK14-65. Turkey. Collected August 09, 1979. Southeast, 41km of Darende, Malatya Province. 1610m. Wild. Seed.
- 486288. TK15-68. Turkey. Collected August 10, 1979. Southwest, 35km of Elazig, Elazig Province. 1260m. Wild. Seed.
- 486289. TK18-77. Turkey. Collected August 10, 1979. Hazar Lake, 35km SE of Elazig, Elazig Province. 1280m. Wild. Seed.
- 486290. TK20-98b. Turkey. Collected August 10, 1979. Northwest, 50km of Diyarbakir, Elazig Province. 890m. Wild. Seed.

486285 TO 486301-continued

486291. TK21-103. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486292. TK21-109. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486293. TK21-122b. Turkey. Collected August 11, 1979. Reg. Agr. Res. Inst., 10km NE of Diyarbakir Province. 650m. Wild. Seed.
486294. TK43-266. Turkey. Collected August 12, 1979. Northeast, 22km of Ahlat, Bitlis Province. 1700m. Wild.
486295. TK59-334. Turkey. Collected August 14, 1979. South, 1 km of Sardinli, Hakkari Province. 1400m. Wild. Seed.
486296. TK59-336. Turkey. Collected August 14, 1979. South, 1 km of Sardinli, Hakkari Province. 1400m. Wild. Seed.
486297. TK74-393. Turkey. Collected August 17, 1979. North, 43km of Van, Van Province. 1710m. Wild. Seed.
486298. TK85-440. Turkey. Collected August 18, 1979. South slope of Mt. Ararat, 16km NE of Dogubayazit, Agri Province. 1470m. Wild. Seed.
486299. TK94-479. Turkey. Collected August 19, 1979. Southeast, 30km of Karakurt, Kars Province. 1300m. Wild. Seed.
486300. TK135-731. Turkey. Collected August 30, 1979. Kizilcahamam, Ankara Province. Wild. Seed.
486301. TK135-732. Turkey. Collected August 30, 1979. Kizilcahamam, Ankara Province. Wild. Seed.

486302. *Agrostis* sp. (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir. Received September 1982.

TK102-542. Turkey. Collected August 20, 1979. West, 17km of Cildir Kars Province. 1920m. Wild. Seed.

486303 TO 486304. *Amblyopyrum muticum* (Boiss.) Eig (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.;

486303 TO 486304-continued

Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

486303. TK136-737. Turkey. Collected August 31, 1979. West-south, 95km of Ankara, Ankara Province. 860m. Wild. Seed.

486304. TK137-740. Turkey. Collected August 31, 1979. Northeast, 83km of Afyon, Afyon Province. 940m. Wild. Seed.

486305 TO 486315. *Dactylis glomerata* L. (Poaceae) Orchardgrass.

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir.
Received September 1982.

486305. TK52-281. Turkey. Collected August 13, 1979. Southeast, 31km of Guzelsu, Van Province. 2250m. Wild. Seed.

486306. TK54-302. Turkey. Collected August 14, 1979. Sendinli, Ovac Village, Hakkari Province. 1450m. Wild. Seed.

486307. TK55-314. Turkey. Collected August 14, 1979. Sendinli area, Hakkari Province. Wild. Seed.

486308. TK60-338. Turkey. Collected August 14, 1979. Fifteen km from Sendinli, toward Yuksekova, Hakkari Province. 1550m. Wild. Seed.

486309. TK61-340. Turkey. Collected August 14, 1979. Eighteen km from Sendinli, toward Yuksekova, Hakkari Province. 1620m. Wild. Seed.

486310. TK65-361. Turkey. Collected August 15, 1979. Northeast, 11km of Yuksekova, Hakkari Province. 1950m. Wild. Seed.

486311. TK83-432. Turkey. Collected August 18, 1979. North, 35km of Dogubayazit, Agri Province. 1920m. Cultivated. Seed.

486312. TK97-495. Turkey. Collected August 19, 1979. Northeast, 13km of Sarikamis, Kars Province. 1880m. Wild. Seed.

486313. TK102-541. Turkey. Collected August 20, 1979. West, 17km of Cildir, Kars Province. 1920m. Wild. Seed.

486314. TK103-547. Turkey. Collected August 20, 1979. West, 29km of Cildir, Kars Province. 1800m. Wild. Seed.

486315. TK106-558. Turkey. Collected August 21, 1979. North,

486305 TO 486315-continued

10km of Gole, Kars Province. 1930m. Cultivated. Seed.

486316. *Festuca pratensis* Huds. (Poaceae) Meadow fescue.

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir. Received September 1982.

TK99-530. Turkey. Collected August 20, 1979. Northwest, 9km of Arpacay, Kars Province. 1920m. Wild. Seed.

486317. *Koeleria* sp. (Poaceae).

From Turkey. Collected by Metzger, R.; Hoffman, J.; Sencer, H.; Kanbertay, M; Oregon and Utah State Universities, USDA-ARS, and Regional Agricultural Research Institute; Corvallis, Oregon; Logan, Utah; and Izmir. Received September 1982.

TK52-279. Turkey. Collected August 15, 1979. Southeast, 31km of Guzelsu, Van Province. Wild. Seed.

486318. *Ricinus communis* L. (Euphorbiaceae) Castorbean.

From Peru. Donated by Sumar K., L.; Programa de Investigacion Amaranthus, Universidad Nacional San Antonio Abad del Cusco; Cusco. Received October 1983.

CAC-1-100. Peru. Wild. Seed.

486319. *Zea mays* L. (Poaceae) Field corn.

From Peru. Donated by Sumar K., L.; Programa de Investigacion Amaranthus, Universidad Nacional San Antonio Abad del Cusco; Cusco. Received October 1983.

CAC 401-500. Peru. Seeds large, Cusco type. Cultivated. Seed.

486320 TO 486322. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Mali. Donated by Jackson, R.I.; Science and Technology/ Agriculture, Agency for International Development; Washington, D.C.

486320 TO 486322-continued
Received November 1983.

- 486320. No. 2. Mali. Near Gao. Tolerant of standing water from flooding. Cultivated. Seed.
- 486321. No. 3. Mali. Near Gao. Tolerant of standing water from flooding. Cultivated. Seed.
- 486322. No. 4. Mali. Near Gao. Tolerant of standing water from flooding. Cultivated. Seed.

486323 TO 486326. *Avena sativa* L. (Poaceae) Common oat.

From Germany, Federal Rep of. Donated by F. Von Lochow-Petkus GMBH; 3103 Bergen 1.
Received March 1984.

- 486323. Flamingskomet. Spring Annual. Cultivar. Seed.
- 486324. Flamingsregent. Spring Annual. Cultivar. Seed.
- 486325. Flamingsvita. Spring Annual. Cultivar. Seed.
- 486326. Lorenz. Spring Annual. Cultivar. Seed.

486327 TO 486335. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From India. Donated by Rao, M.V.; Indian Council of Agricultural Research, Krishi Bhavan; New Delhi.
Received March 1984.

- 486327. Alankar. India. Pantnagar. G.B. Pant University. D63-6094/D61-4249. Cultivar. Seed.
- 486328. Birsa Soybean-1. India. Kanke, Ranchi. Birsa Agricultural University. Cultivar. Seed.
- 486329. Gaurava(JS72-44). India. Jabalpur. J.N. Khrishi Vishwa Vidyalaya. D60-96/EC 7034. Cultivar. Seed.
- 486330. MACS-75. India. Pune. Dept. of Genetics, M.A.C.S. Research Institute. JS-2/Improved Pelican. Cultivar. Seed.
- 486331. MACS-104. India. Pune. Dept. of Genetics, M.A.C.S. Research Institute. Cultivar. Seed.
- 486332. N-19. India. Kanke, Ranchi. Dept. of Plant Breeding & Genetics, Ranchi Ag. Col. Cultivar. Seed.
- 486333. PK-262. India. Pantnagar. Dept. of Plant Breeding, G.B. Pant University. M97/Hardee. Cultivar. Seed.

486327 TO 486335-continued

486334. PK-327. India. Pantnagar. Dept. of Plant Breeding, G.B. Pant University. M-82/Semmes. Cultivar. Seed.

486335. Shilajeet. India. Cultivar. Seed.

486336. *Cucumis sativus* var. *hardwickii* (Royle) Alef. (Cucurbitaceae).

From India. Donated by Dutt, B; Department of Botany, Patna University; Patna - 800 005, Bihar. Received through J.E. Staub, USDA-ARS, Dept. of Horticulture, Univ. of Wisconsin, Madison.
Received February 1984.

India. Collected 1978. Mount Abu. Seed.

486337. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Bruns, C.; North American Plant Breeders, Inc.; Berthoud, Colorado.
Received March 1984.

HW79-36. 'Meggie'. United States. II21183/C0652643/
/Lancer/3/KS62136/C0695552. Hard red type. Plants
semidwarf, awned, white-chaffed. Heads long, middense,
tapering to strap shaped. Maturity medium. High test
weight patterns. Moderately resistant to leaf and stem
rusts, mildew and Hessian fly. Susceptible to soil borne
mosaic virus. Well adapted to eastern hard red wheat
areas. Yield very good in eastern Kansas, southeastern
Nebraska, Iowa, Illinois, Missouri. Winter Annual.
Cultivar. Seed.

486338. *Nicotiana tabacum* L. (Solanaceae) Tobacco.

From Germany, Federal Rep of. Donated by Steiner, W.;
Landesverband baden-wuerttembergischer Tabakpflanzer e.
V.; 7500 Karlsruhe 1.
Received March 1984.

'Badischer Burley E'. Germany, Federal Rep of. Cultivar.
Seed.

486339. *Ulmus parvifolia* Jacq. (Ulmaceae).

From United States. Donated by Santamour, F.S.; National
Arboretum, USDA-ARS; Washington, D.C.
Received February 1984.

NA 36533. 'Dynasty'. Plants small, upright, vase-shaped, deciduous. Growth rate moderate. Leaves reddish in autumn in colder climates. Flowers in August or September in Washington, D.C. Resistant to Dutch Elm disease and elm leaf beetle. Hardy to USDA Zone 5. Tree. Cultivar. Plants.

486340 TO 486342. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From Netherlands. Donated by Zeven, A.C.; Institute of Plant Breeding, Agricultural University; Wageningen.
Received March 1984.

486340. 1.83. Pronker. Netherlands. Apeldoorn. Seeds white. Primitive Cultivar. Seed.

486341. 3.56-2. Ponker wit-bruin gevlekt. Netherlands. Kapelle. Seeds tan with brown streaks. Primitive Cultivar. Seed.

486342. 3.56-3. Pronker (klein). Netherlands. Kapelle. Seeds purple mottled. Primitive Cultivar. Seed.

486343 TO 486348. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Netherlands. Donated by Zeven, A.C.; Institute of Plant Breeding, Agricultural University; Wageningen.
Received March 1984.

486343. 2.44. Chocolate bruine boon. Netherlands. Cebeco Seed Company. Seeds brown. Primitive Cultivar. Seed.

486344. 2.45. Kleine kogel ronde bruine boon. Netherlands. Wageningen. Seeds yellowish brown. Primitive Cultivar. Seed.

486345. 3.57. Gieterse boon (slaboon). Netherlands. Gieten. Seeds purple mottled. Primitive Cultivar. Seed.

486346. 4.37. Strogele. Netherlands. Bergumermeer. Seeds yellow, lightly mottled. Primitive Cultivar. Seed.

486347. 4.38. Strogele (salvia). Netherlands. Cebeco Seed Company. Seeds yellow, lightly mottled. Primitive Cultivar. Seed.

486348. 5.09. Soldaten boon (bruin). Netherlands. Schouwen. Seeds white with brown eyespot. Primitive Cultivar. Seed.

486349. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Bruns, C.; North American Plant Breeders, Inc.; Berthoud, Colorado.
Received March 1984.

486349-continued

HS79-400. 'Success'. United States. Era/3/Polk/Tobari 66/
/Fletcher. Hard red type. Plants tall semidwarf, green at
boot, late maturing. Straw strength medium. Heads awned,
middense, tapering to strap shaped, white. Test weight
medium. Milling and baking qualities satisfactory.
Moderately resistant to leaf and stem rusts in upper
midwest. Good resistance to septoria, tan spot and common
root rot. Well adapted to upper Midwest. Spring Annual.
Cultivar. Seed.

486350. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Sunderman, D.W.; USDA-ARS,
University of Idaho Research and Extension Center;
Aberdeen, Idaho.
Received April 1984.

ID0172. 'Bliss'. United States. Hyslop/Fielder. Soft
white type. Plants stiff-strawed, white-glumed, awned.
Maturity 3-5 days later than Owens. Moderately resistant
to black point, black chaff and mildew. Resistant to all
races of stripe rust in Pacific Northwest. Susceptible to
leaf rust. Satisfactory milling and pastry qualities.
Best grown in south central and western areas of Idaho.
Cultivar. Seed.

486351. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Australia. Donated by Beal, P.R.; Redlands Horticultural
Research Station; Ormiston, Queensland.
Received July 1983.

'Redlands New Pioneer'. Australia. Cold tolerant,
stringless snap bean. Yields high under cool conditions.
Cultivar developed by P.S. Farlow. Cultivar. Seed.

486352. *Nicotiana tabacum* L. (Solanaceae) Tobacco.

From Brazil. Donated by Lacquini, C.; Boa Vista.
Received April 1984.

TI 1657. Brazil. Boa Vista. Grown by Indians. Cultivated.
Seed.

486353 TO 486354. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Korea, Republic of. Donated by Shim, Sang Yung; Institute of
Forest Genetics; Suweon. Received through Yun-Tzu Kiang,

486353 TO 486354-continued

University of New Hampshire, Durham, New Hampshire.
Received March 1984.

486353. Hwangkeunkong. Cultivated. Seed.

486354. Jangyeobkong. Cultivated. Seed.

486355. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Korea, Republic of. Donated by Crop Experiment Station;
Suweon. Received through S.M. Lim, USDA-ARS, Dept. of
Plant Pathology, Univ. of Illinois, Urbana.
Received April 1984.

SS74185. Korea, Republic of. Resistant to seven strains
of soybean mosaic virus. Cultivated. Seed.

486356 TO 486363. *Beta vulgaris* L. (Chenopodiaceae) Sugarbeet.

From Soviet Union. Donated by VIR; Leningrad.
Received March 1984.

486356. VIR 434. Pervomajskaja 028. Soviet Union. USSR.
Cultivated. Seed.

486357. VIR 1150. Kubanskij P/g 9. Soviet Union. USSR.
Cultivated. Seed.

486358. VIR 2283. O-type 134. Soviet Union. USSR. Cultivated.
Seed.

486359. VIR 2284. MS-line 134. Soviet Union. USSR. Cultivated.
Seed.

486360. VIR 2286. MS-line 57. Soviet Union. USSR. Cultivated.
Seed.

486361. VIR 2287. O-type 57. Soviet Union. USSR. Cultivated.
Seed.

486362. VIR 2290. MS-line 297. Soviet Union. USSR. Cultivated.
Seed.

486363. VIR 2291. O-type 297. Soviet Union. USSR. Cultivated.
Seed.

486364 TO 486366. *Helianthus annuus* L. (Asteraceae) Sunflower.

From Soviet Union. Donated by VIR; Leningrad.
Received March 1984.

486364 TO 486366-continued

486364. VIR 989. Saratovskij rannij. USSR. Yield high.
Cultivated. Seed.

486365. VIR 2094. Vostok. USSR. Yield high. Cultivated. Seed.

486366. VIR 2158. Cakinskij 269. USSR. Cultivated. Seed.

486367 TO 486368. Helianthus hybrid (Asteraceae).

From Soviet Union. Donated by VIR; Leningrad.
Received March 1984.

486367. VIR 3120. Odesskij-91. H. annuus/H. tuberosus. USSR.
Cultivated. Seed.

486368. VIR 3121. Rassvet. H. annuus/H. tuberosus. USSR.
Cultivated. Seed.

486369 TO 486381. Linum usitatissimum L. (Linaceae) Flax.

From Soviet Union. Donated by VIR; Leningrad.
Received March 1984.

486369. VIR 6056. Bahmal'skij 1056. USSR. Cultivated. Seed.

486370. VIR 6187. Severianin. Soviet Union. USSR. Cultivated.
Seed.

486371. VIR 6584. Berezka. Soviet Union. USSR. Cultivated. Seed.

486372. VIR 6601. Belorusskij-1. Soviet Union. USSR. Cultivated.
Seed.

486373. VIR 6658. Svalof 60132. Sweden. Cultivated. Seed.

486374. VIR 6762. Kometa. Soviet Union. USSR. Cultivated. Seed.

486375. VIR 6815. K-6. Soviet Union. USSR. Cultivated. Seed.

486376. VIR 6877. Bisiuza. Soviet Union. USSR. Cultivated. Seed.

486377. VIR 6969. Svetoc 1560. Soviet Union. USSR. Cultivated.
Seed.

486378. VIR 7036. Orsanskij 72. Soviet Union. USSR. Cultivated.
Seed.

486379. VIR 7227. Poleskij 1. Soviet Union. USSR. Cultivated.
Seed.

486369 TO 486381-continued

486380. VIR 7244. Fakel. Soviet Union. USSR. Cultivated. Seed.

486381. VIR 7246. Mogilevskij. Soviet Union. USSR. Cultivated. Seed.

486382 TO 486383. *Gossypium barbadense* L. (Malvaceae) Sea-island cotton.

From Venezuela. Donated by Fryxell, P.A.; Burandt, C.L.; USDA-ARS, and Department of Biology, Texas A & M University; College Station, Texas.
Received March 1984.

486382. 4303. Venezuela. Collected January 16, 1984. San Diego, between Curimagua and Uria, Falcon State. Cultivated. Seed.

486383. 4392. Venezuela. Collected February 05, 1984. Bocono, Trujillo State. Cultivated. Seed.

486384 TO 486427. *Gossypium hirsutum* L. (Malvaceae) Upland cotton.

From Venezuela. Donated by Fryxell, P.A.; Burandt, C.L.; USDA-ARS, and Department of Biology, Texas A & M University; College Station, Texas.
Received March 1984.

486384. 4289. Venezuela. Collected January 15, 1984. East edge of Coro, Falcon State. Wild. Seed.

486385. 4290. Venezuela. Collected January 15, 1984. Parque Nacional Medanos de Coro, Falcon State. Wild. Seed.

486386. 4299. Venezuela. Collected January 15, 1984. Road from Coro to Dos Bocas, Falcon State. Wild. Seed.

486387. 4305. Venezuela. Collected January 18, 1984. Road to Tucacas, 71km W of Mirimire, Falcon State. Wild. Seed.

486388. 4308. Venezuela. Collected January 18, 1984. Mirimire, Falcon State. Wild. Seed.

486389. 4309. Venezuela. Collected January 18, 1984. East, 26km of Mirimire, Falcon State. Wild. Seed.

486390. 4310. Venezuela. Collected January 18, 1984. Northwest, 4km of Tucacas, Falcon State. Wild. Seed.

486391. 4312. Venezuela. Collected January 20, 1984. East edge of Ocumare, Aragua State. Wild. Seed.

486384 TO 486427-continued

486392. 4332. Venezuela. Collected January 23, 1984. At km 228 'EL Pegon', Barquisimeto to Duaca road, Lara State. Wild. Seed.
486393. 4334. Venezuela. Collected January 23, 1984. Road to Duaca, 30km N of Barquisimeto, Lara State. Wild. Seed.
486394. 4335. Venezuela. Collected January 23, 1984. North edge of Barquisimeto, Lara State. Wild. Seed.
486395. 4336. Venezuela. Collected January 24, 1984. West of Barquisimeto, on autopista El Rodeo to Carora, Lara State. Wild. Seed.
486396. 4357. Venezuela. Collected January 27, 1984. Guanare, Portuguesa State. Wild. Seed.
486397. 4360. Venezuela. Collected January 27, 1984. South edge of Ciudad Bolivia, Barinas State. Wild. Seed.
486398. 4361. Venezuela. Collected January 29, 1984. Above El Ejido, road to La Mesa, Merida State. Wild. Seed.
486399. 4366. Venezuela. Collected January 29, 1984. San Juan, between El Ejido and El Vigia, Merida State. Wild. Seed.
486400. 4367. Venezuela. Collected January 29, 1984. Lagunillas, Merida State. Wild. Seed.
486401. 4369. Venezuela. Collected January 30, 1984. At frontier of Trujillo State, 26km S of La Puerta, Merida State. Wild. Seed.
486402. 4371. Venezuela. Collected January 30, 1984. North, 5km of Monay, Trujillo State. Wild. Seed.
486403. 4372. Venezuela. Collected January 30, 1984. San Antonio to Cerro Libre Rd., 6km SW of Lara State, Border, Trujillo St. Wild. Seed.
486404. 4373. Venezuela. Collected January 31, 1984. Barquisimeto, Lara State. Wild. Seed.
486405. 4374. Venezuela. Collected January 31, 1984. Road to Rio Claro, 3km after bridge at Bosque Macuto, Lara State. Wild. Seed.
486406. 4379. Venezuela. Collected January 31, 1984. Road to Banos de Guayamure, 1-2km from Rio Claro, Lara State. Wild. Seed.
486407. 4383. Venezuela. Collected January 31, 1984. Southeast

486384 TO 486427-continued

- edge of Barquisimeto, road to Acarigua, Lara State. Wild. Seed.
486408. 4385. Venezuela. Collected February 01, 1984. At exit to Urachiche, Barquisimeto to Chivacoa road, Yaracuy State. Wild. Seed.
486409. 4386. Venezuela. Collected February 01, 1984. Road to Chivacoa, 5km before Nigua, Yaracuy State. Wild. Seed.
486410. 4387. Venezuela. Collected February 01, 1984. Road to Pto. Cabello, 6km from Moron, Carabobo State. Wild. Seed.
486411. 4388. Venezuela. Collected February 01, 1984. West, 25km of Moron, Carabobo State. Wild. Seed.
486412. 4389. Venezuela. Collected February 01, 1984. East, 12km of San Felipe, Yaracuy State. Wild. Seed.
486413. 4390. Venezuela. Collected February 04, 1984. South side of Tocuyo, Lara State. Wild. Seed.
486414. 4391. Venezuela. Collected February 04, 1984. Road from Tocuyo, 5km before Humacaro Bajo, Lara State. Wild. Seed.
486415. 4394. Venezuela. Collected February 05, 1984. Milton, Trujillo State. Wild. Seed.
486416. 4395. Venezuela. Collected February 05, 1984. Curarigua, Lara State. Wild. Seed.
486417. 4395A. Venezuela. Collected February 10, 1984. Santa Cruz de Mara, Zulia State. Wild. Seed.
486418. 4396. Venezuela. Collected February 10, 1984. Campo Mara, Zulia State. Wild. Seed.
486419. 4399. Venezuela. Collected February 10, 1984. Between Represa Socui and Campo Carichuano, Zulia State. Wild. Seed.
486420. 4401. Venezuela. Collected February 10, 1984. Represo Socui, Zulia State. Wild. Seed.
486421. 4405. Venezuela. Collected February 11, 1984. Palito Blanco, Zulia State. Wild. Seed.
486422. 4408. Venezuela. Collected February 11, 1984. North, 9km of Palito Blanco, Zulia State. Wild. Seed.
486423. 4409. Venezuela. Collected February 11, 1984. Three km from Guanabano, Zulia State. Wild. Seed.

486384 TO 486427-continued

486424. Venezuela. Parque Nacional Medanos de Coro, Falcon State. Wild. Seed.
486425. Venezuela. Mirimire-Tucacas road, 41km E of Mirimire, Falcon State. Wild. Seed.
486426. Venezuela. Dooryard, Las Trincheras, Quebrada Maria Teresa, Carabobo State. Cultivated. Seed.
486427. Venezuela. Collected February 11, 1984. Road to Maracay, 3km from Cumare, Aragua State. Wild. Seed.

486428 TO 486429. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Peterson, C.J.; USDA-ARS, Washington State University; Pullman, Washington. Received April 1984.

486428. WA006581. United States. Omar/1834, sel 3//PI178383/CI13431/3/CI13645/Gaines. Soft white club type. Plants medium tillering, awned. Maturity similar to Tye. Milling and flour quality satisfactory. Resistant to Washington races of stripe rust, common bunt and dwarf bunt. Susceptible to leaf and stem rusts and mildew. Winter Annual. Breeding Material. Seed.
486429. WA006912. 'Dusty'. United States. Brevor/CI15923//Nugaines. Plants semidwarf, soft white type. Plants awned, glumes white. Yield exceeds Daws and Stephens. Maturity medium to late. Resistant to Washington races of stripe rust and common bunt. Some tolerance to flag smut, *Cecosporella* foot rot. *Cephalosporium* stripe and leaf rusts. Winter Annual. Cultivar. Seed.

486430 TO 487191. *Zea mays* L. (Poaceae) Field corn.

From Bolivia. Donated by Centro de Investigaciones Fitotécnicas y Ecogenéticas de Pairumani; Cochabamba. Received through IBPGR, Rome, Italy. Received November 1983.

486430. BOZH 3 0001. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
486431. BOZH 3 0002. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Uchuquilla. Local name Arrocillo. Cultivated. Seed.

486430 TO 487191-continued

486432. BOZM 3 0003. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Checchi. Local name Checchi. Cultivated. Seed.
486433. BOZM 3 0004. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Kellu. Local name Juchuy Kellu. Cultivated. Seed.
486434. BOZM 3 0005. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486435. BOZM 3 0006. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Patillo. Local name Concebiden. Cultivated. Seed.
486436. BOZM 3 0007. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Hualtaco Colorado. Local name Hacay Churu. Cultivated. Seed.
486437. BOZM 3 0008. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Cliza, Cochabamba. 2650m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486438. BCZM 3 0009. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Collpa, Cochabamba. 2650m. Race Chuspillu. Local name Chuspillo. Cultivated. Seed.
486439. BOZM 3 0010. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Collpa, Cochabamba. 2650m. Race Paru. Local name Huacaloro. Cultivated. Seed.
486440. BOZM 3 0011. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 25, 1977. Collpa, Cochabamba. 2650m. Race Huilcaparu. Local name Patillu. Cultivated. Seed.
486441. BOZM 1 0012. Bolivia. Latitude: 13 deg S; Longitude: 064 deg W. Collected August 25, 1977. Taso, Beni. 2600m. Race Kellu. Local name Kellu. Cultivated. Seed.
486442. BOZM 1 0013. Bolivia. Latitude: 13 deg S; Longitude: 064 deg W. Collected August 25, 1977. Taso, Beni. 2600m. Race Karapampa. Local name Patillu. Cultivated. Seed.
486443. BOZM 1 0014. Bolivia. Latitude: 13 deg S; Longitude: 064

486430 TO 487191-continued

- deg W. Collected October 26, 1977. Jaspaguiri, Beni. 400m.
Race Coroico. Local name Bayo Amarillo. Cultivated. Seed.
486444. BOZM 1 0015. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Jaspaguiri, Beni.
400m. Race Coroico Colorado. Local name Bayo Colorado.
Cultivated. Seed.
486445. BOZM 1 0016. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Jaspaguiri, Beni.
400m. Race Kulli. Local name Bayo Cutis Negro. Cultivated.
Seed.
486446. BOZM 1 0019. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Baures, Beni. 420m.
Race Cubano Blanco. Local name Cubano Blanco. Cultivated.
Seed.
486447. BOZM 1 0021. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Baures, Beni. 420m.
Race Coroico. Local name Cubano Amarillo. Cultivated.
Seed.
486448. BOZM 1 0022. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Baures, Beni. 420m.
Race Coroico Colorado. Local name Colorado Gateado.
Cultivated. Seed.
486449. BOZM 1 0023. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Baures, Beni. 420m.
Race Cubano Amarillo. Local name Bayo Amarillo.
Cultivated. Seed.
486450. BOZM 1 0024. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Iroby, Beni. 430m.
Race Beni Duro. Local name Blanco Blando. Cultivated.
Seed.
486451. BOZM 1 0025. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Iroby, Beni. 430m.
Race Beni Duro. Local name Blanco Blando. Cultivated.
Seed.
486452. BOZM 1 0026. Bolivia. Latitude: 13 deg S; Longitude: 064
deg W. Collected September 02, 1977. Iroby, Beni. 430m.
Race Beni Duro. Local name Bayo Blanco. Cultivated. Seed.
486453. BOZM 3 0027. Bolivia. Latitude: 17 deg S; Longitude: 066
deg W. Collected September 03, 1977. Cliza, Cochabamba.
2650m. Race Chuspillu. Local name Chuspillu. Cultivated.
Seed.
486454. BOZM 3 0028. Bolivia. Latitude: 17 deg S; Longitude: 066

486430 TO 487191-continued

- deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
486455. BOZM 3 0029. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Chuncula. Local name Chuncula. Cultivated. Seed.
486456. BOZM 3 0030. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Hualtaco Colorado. Local name Hualtaco Colorado. Cultivated. Seed.
486457. BCZM 3 0032. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486458. BOZM 3 0033. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Checchi. Local name Checchi. Cultivated. Seed.
486459. BOZM 3 0034. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Kellu. Local name Kellu. Cultivated. Seed.
486460. BOZM 3 0036. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Punata, Cochabamba. 2600m. Race Kellu. Local name Kellu. Cultivated. Seed.
486461. BOZM 3 0037. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Quillacollo, Cochabamba. 2500m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486462. BOZM 3 0038. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Morochata, Cochabamba. 3000m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486463. BOZM 3 0039. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 04, 1977. Carasa, Cochabamba. 2600m. Race Chuncula. Local name Chuncula. Cultivated. Seed.
486464. BOZM 3 0040. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Santivanez, Cochabamba. 2700m. Race Chuncula. Local name Janka Sara. Cultivated. Seed.
486465. BOZM 3 0041. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Quillacollo,

486430 TO 487191-continued

Cochabamba. 2500m. Race Uchuquilla. Local name Uchuquilla.
Cultivated. Seed.

486466. BOZM 3 0042. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Quillacollo, Cochabamba. 2500m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486467. BOZM 3 0043. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Viloma, Cochabamba. 2500m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486468. BOZM 3 0044. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Morochata, Cochabamba. 3000m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486469. BOZM 3 0045. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Quillacollo, Cochabamba. 2500m. Race Kellu. Local name Kellu Patillo. Cultivated. Seed.
486470. BOZM 3 0046. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Carasa, Cochabamba. 2500m. Race Kulli. Local name Kulli. Cultivated. Seed.
486471. BOZM 3 0047. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Carasa, Cochabamba. 2500m. Race Kulli. Local name Kulli. Cultivated. Seed.
486472. BOZM 3 0048. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Quillacollo, Cochabamba. 2500m. Race Checchi. Local name Checchi. Cultivated. Seed.
486473. BOZM 3 0049. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Carasa, Cochabamba. 2500m. Race Concebiden. Local name Concebiden. Cultivated. Seed.
486474. BOZM 3 0050. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 04, 1977. Arani, Cochabamba. 2700m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486475. BOZM 3 0051. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 04, 1977. Arani, Cochabamba. 2700m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
486476. BOZM 3 0052. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Punata, Cochabamba.

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- 2600m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
486477. BOZM 3 0053. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Independencia, Cochabamba. 2400m. Race Kellu. Local name Kellu. Cultivated. Seed.
486478. BOZM 3 0054. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 04, 1977. Independencia, Cochabamba. 2400m. Race Huaca Songo. Local name Huaca Songo. Cultivated. Seed.
486479. BOZM 8 0055. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Kulli. Local name Kulli. Cultivated. Seed.
486480. BOZM 8 0056. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Aysuma. Local name Morochño Amarillo. Cultivated. Seed.
486481. BOZM 8 0057. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486482. BOZM 8 0058. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486483. BOZM 8 0059. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486484. BOZM 8 0060. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Chuncula. Local name Blanco Lukano. Cultivated. Seed.
486485. BOZM 8 0062. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Kepi Siqui. Local name Cordillera. Cultivated. Seed.
486486. BOZM 8 0063. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Aysuma. Local name Morocho. Cultivated. Seed.

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486487. BOZM 8 0064. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Torresillas, Santa Cruz. 1800m. Race Aysuma. Local name Maiz Chocolate. Cultivated. Seed.
486488. BOZM 8 0065. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 13, 1977. Comarapa, Santa Cruz. 1800m. Race Aysuma. Local name Morocho Colorado. Cultivated. Seed.
486489. BOZM 8 0066. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Cordillera. Local name Cordillera Amarillo. Cultivated. Seed.
486490. BOZM 8 0067. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Canario Bayo. Local name Camba Amarillo. Cultivated. Seed.
486491. BOZM 8 0068. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486492. BOZM 8 0069. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Uchuquilla. Local name Padilla Pintado. Cultivated. Seed.
486493. BOZM 8 0070. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Cordillera. Local name Cordillera. Cultivated. Seed.
486494. BOZM 8 0071. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Aysuma. Local name Morocho Amarillo. Cultivated. Seed.
486495. BOZM 8 0072. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1800m. Race Cordillera. Local name Argentino. Cultivated. Seed.
486496. BOZM 8 0073. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cubano Amarillo. Local name Morocho Argentino. Cultivated. Seed.
486497. BOZM 8 0074. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz.

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- 1560m. Race Cubano Amarillo. Local name Morocho Altono.
Cultivated. Seed.
486498. BOZM 8 0075. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cordillera. Local name Amarillo Suave. Cultivated. Seed.
486499. BOZM 8 0076. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cordillera. Local name Amarillo. Cultivated. Seed.
486500. BOZM 8 0077. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cubano Colorado. Local name Colorado. Cultivated. Seed.
486501. BOZM 8 0078. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cubano Colorado. Local name Colorado Harinoso. Cultivated. Seed.
486502. BOZM 8 0079. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cubano Colorado. Local name Colorado Vitreo. Cultivated. Seed.
486503. BOZM 8 0080. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cordillera. Local name Amarillo Altono. Cultivated. Seed.
486504. BOZM 8 0081. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cubano Amarillo. Local name Morocho Dulce. Cultivated. Seed.
486505. BOZM 8 0082. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cubano Amarillo. Local name Argentino Arenoso. Cultivated. Seed.
486506. BOZM 8 0083. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Tambo, Santa Cruz. 1560m. Race Cordillera. Local name Amarillo Duro. Cultivated. Seed.
486507. BOZM 8 0084. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Comarapa, Santa Cruz. 1550m. Race Cubano Blanco. Local name Cubano Blanco. Cultivated. Seed.

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486508. BOZM 8 0085. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Isidro, Santa Cruz. 1550m. Race Cubano Blanco. Local name Chuchuquilla. Cultivated. Seed.
486509. BOZM 8 0086. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Isidro, Santa Cruz. 1550m. Race Cubano Blanco. Local name Cubano Amarillo. Cultivated. Seed.
486510. BOZM 8 0087. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Isidro, Santa Cruz. 1550m. Race Kajbia. Local name Blanco Blandito. Cultivated. Seed.
486511. BOZM 8 0088. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Isidro, Santa Cruz. 1550m. Race Aysuma. Local name Morocho. Cultivated. Seed.
486512. BOZM 8 0089. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Isidro, Santa Cruz. 1550m. Race Cordillera. Local name Amarillo Suave. Cultivated. Seed.
486513. BOZM 8 0090. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Rafael, Santa Cruz. 1320m. Race Colcrado Sub Tropical. Local name Kulli. Cultivated. Seed.
486514. BOZM 8 0091. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. San Rafael, Santa Cruz. 1320m. Race Canario Bayo. Local name Maiz Amarillo. Cultivated. Seed.
486515. BOZM 8 0092. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Saipina, Santa Cruz. 1320m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486516. BOZM 8 0093. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Saipina, Santa Cruz. 1320m. Race Cubano Blanco. Local name Cubano Blanco. Cultivated. Seed.
486517. BOZM 3 0094. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Villa Granados, Cochabamba. 2150m. Race Uchuquilla. Local name Chuchuquilla. Cultivated. Seed.
486518. BOZM 3 0095. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Villa Granados,

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- Cochabamba. 2150m. Race Aysuma. Local name Kellu Sara.
Cultivated. Seed.
486519. BOZM 3 0096. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Villa Granados, Cochabamba. 2150m. Race Kulli. Local name Kulli. Cultivated. Seed.
486520. BOZM 3 0097. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Villa Granados, Cochabamba. 2150m. Race Patillo. Local name Huilcaparu. Cultivated. Seed.
486521. BOZM 3 0098. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 14, 1977. Villa Granados, Cochabamba. 2150m. Race Yungueno. Local name Pailero. Cultivated. Seed.
486522. BOZM 3 0099. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Villa Granados, Cochabamba. 2150m. Race Checchi. Local name Checchi. Cultivated. Seed.
486523. BOZM 3 0100. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Palca, Cochabamba. 2060m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486524. BOZM 3 0101. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Tipapampa, Cochabamba. 2040m. Race Morocho. Local name Morocho. Cultivated. Seed.
486525. BOZM 3 0102. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Chinguri, Cochabamba. 1950m. Race Hualtaco. Local name Yurac Sara. Cultivated. Seed.
486526. BOZM 3 0103. Bolivia. Cultivated. Seed.
486527. BOZM 2 0105. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Oropeza, Chuquisaca. 2810m. Race Paru. Local name Mojotoro. Cultivated. Seed.
486528. BOZM 2 0106. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Sucre, Chuquisaca. 2800m. Race Janka Sara. Local name Tuinuru. Cultivated. Seed.
486529. BOZM 2 0107. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Sucre, Chuquisaca. 2800m. Race Checchi. Local name Checchi. Cultivated. Seed.
486530. BOZM 2 0108. Bolivia. Latitude: 18 deg S; Longitude: 065

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- deg W. Collected September 15, 1977. Mojotoro, Chuquisaca.
2810m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486531. BOZM 2 0109. Bolivia. Latitude: 18 deg S; Longitude: 065
deg W. Collected September 15, 1977. Sucre, Chuquisaca.
2800m. Race Aysuma. Local name Maiz Para Pollos.
Cultivated. Seed.
486532. BOZM 2 0110. Bolivia. Latitude: 18 deg S; Longitude: 065
deg W. Collected September 15, 1977. Valle Del Sucre,
Chuquisaca. 2800m. Race Morocho. Local name Maiz Criollo.
Cultivated. Seed.
486533. BOZM 2 0111. Bolivia. Latitude: 18 deg S; Longitude: 065
deg W. Collected September 15, 1977. Sucre, Chuquisaca.
2800m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486534. BOZM 2 0112. Bolivia. Latitude: 18 deg S; Longitude: 065
deg W. Collected September 15, 1977. Sucre, Chuquisaca.
2800m. Race Kajbia. Local name Maiz Jaspeado. Cultivated.
Seed.
486535. BOZM 2 0114. Bolivia. Latitude: 18 deg S; Longitude: 065
deg W. Collected September 15, 1977. El Puente,
Chuquisaca. 2300m. Race Kajbia. Local name Blanco.
Cultivated. Seed.
486536. BOZM 2 0115. Bolivia. Latitude: 19 deg S; Longitude: 065
deg W. Collected September 16, 1977. Santa Elena,
Chuquisaca. 2562m. Race Hualtaco Colorado. Local name
Karjana. Cultivated. Seed.
486537. BOZM 2 0116. Bolivia. Latitude: 19 deg S; Longitude: 065
deg W. Collected September 16, 1977. Santa Elena,
Chuquisaca. 2562m. Race Morocho. Local name Muruchi.
Cultivated. Seed.
486538. BOZM 2 0117. Bolivia. Latitude: 19 deg S; Longitude: 065
deg W. Collected September 16, 1977. Santa Elena,
Chuquisaca. 2562m. Race Kajbia. Local name Kajbia Sara.
Cultivated. Seed.
486539. BOZM 2 0118. Bolivia. Latitude: 19 deg S; Longitude: 065
deg W. Collected September 16, 1977. Coilolo, Chuquisaca.
2400m. Race Kajbia. Local name Kajbia. Cultivated. Seed.
486540. BOZM 2 0119. Bolivia. Latitude: 19 deg S; Longitude: 065
deg W. Collected September 16, 1977. Coilolo, Chuquisaca.
2400m. Race Morocho. Local name Morocho. Cultivated. Seed.
486541. BOZM 2 0120. Bolivia. Latitude: 19 deg S; Longitude: 065
deg W. Collected September 16, 1977. Coilolo, Chuquisaca.
2400m. Race Janka Sara. Local name Janka Sara. Cultivated.

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Seed.

486542. BOZM 2 0121. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kulli. Local name Janka Sara. Cultivated. Seed.
486543. BOZM 2 0122. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Morocho. Local name Morochi. Cultivated. Seed.
486544. BOZM 2 0123. Bolivia. Cultivated. Seed.
486545. BOZM 2 0124. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Morocho. Local name Morocho. Cultivated. Seed.
486546. BOZM 2 0125. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486547. BOZM 2 0126. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected October 10, 1977. Coilolo, Chuquisaca. 2400m. Race Janka Sara. Local name Maiz de Tostar. Cultivated. Seed.
486548. BOZM 2 0127. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Pisankalla. Local name Perico. Cultivated. Seed.
486549. BOZM 2 0128. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kulli. Local name Maiz de Tostar. Cultivated. Seed.
486550. BOZM 2 0129. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kellu. Local name Muruchi. Cultivated. Seed.
486551. BOZM 2 0130. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kulli. Local name Negrito. Cultivated. Seed.
486552. BOZM 2 0132. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Paru. Local name Colorado. Cultivated. Seed.
486553. BOZM 2 0133. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Rosas Mayu, Chuquisaca. 2300m. Race Kajbia. Local name Maiz Pacheco. Cultivated. Seed.

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486554. BOZM 2 0134. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Rosas Mayu, Chuquisaca. 2300m. Race Chuspillu. Local name Cullpi. Cultivated. Seed.
486555. BOZM 2 0135. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kellu. Local name Muruchi. Cultivated. Seed.
486556. BOZM 2 0136. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kajbia. Local name Patillo Kajbia. Cultivated. Seed.
486557. BOZM 2 0137. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Hualtaco Colorado. Local name Patillo Gris. Cultivated. Seed.
486558. BOZM 2 0138. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Colorado. Local name Patillo Colorado. Cultivated. Seed.
486559. BOZM 2 0139. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Coilolo, Chuquisaca. 2400m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486560. BOZM 2 0140. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Sudanez, Chuquisaca. 2562m. Race Concebiden. Local name Morochillo. Cultivated. Seed.
486561. BOZM 2 0141. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Subanez, Chuquisaca. 2562m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486562. BOZM 2 0142. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Sudanez, Chuquisaca. 2562m. Race Checchi. Local name Gris. Cultivated. Seed.
486563. BOZM 2 0143. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Subanez, Chuquisaca. 2562m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486564. BOZM 2 0144. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. La Aceituna, Chuquisaca. 2750m. Race Checchi. Local name Janka Sara. Cultivated. Seed.
486565. BOZM 2 0145. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. La Aceituna,

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- Chuquisaca. 2750m. Race Morocho. Local name Muruchi.
Cultivated. Seed.
486566. BOZM 2 0146. Bolivia. Cultivated. Seed.
486567. BOZM 2 0147. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2610m. Race Morocho. Local name Aysuma Puca. Cultivated. Seed.
486568. BOZM 2 0148. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Chuncula. Local name Kajbia. Cultivated. Seed.
486569. BOZM 2 0149. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Morocho. Local name Turquina. Cultivated. Seed.
486570. BOZM 2 0150. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Hualtaco Colorado. Local name Gris Colorado. Cultivated. Seed.
486571. BOZM 2 0151. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Janka Sara. Local name Toclulo. Cultivated. Seed.
486572. BOZM 2 0152. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Morocho. Local name Puca Ayzuma. Cultivated. Seed.
486573. BOZM 2 0153. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486574. BOZM 2 0154. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Chuncula. Local name Kajbia. Cultivated. Seed.
486575. BOZM 2 0155. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Kepi Siqui. Local name Muruchi. Cultivated. Seed.
486576. BOZM 2 0156. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Chuncula. Local name Kajbia.

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Cultivated. Seed.

486577. BOZM 2 0157. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Pitantorrilla, Chuquisaca. 2550m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486578. BOZM 2 0158. Bolivia. Cultivated. Seed.
486579. BOZM 2 0159. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Huayllas, Chuquisaca. 2620m. Race Chuncula. Local name Kajbia. Cultivated. Seed.
486580. BOZM 2 0160. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Huayllas, Chuquisaca. 2620m. Race Kepi Siqui. Local name Colorado. Cultivated. Seed.
486581. BOZM 2 0161. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Potacoa, Chuquisaca. 2620m. Race Morocho. Local name Amarillo. Cultivated. Seed.
486582. BOZM 2 0162. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Alfarito Canto, Chuquisaca. 2620m. Race Chuncula. Local name Blanco. Cultivated. Seed.
486583. BOZM 2 0163. Bolivia. Cultivated. Seed.
486584. BOZM 2 0165. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Khochis, Chuquisaca. 2720m. Race Checchi. Local name Checchi. Cultivated. Seed.
486585. BOZM 2 0166. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Khochis, Chuquisaca. 2720m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486586. BOZM 2 0168. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Khochis, Chuquisaca. 2720m. Race Pisankalla. Local name Periquito. Cultivated. Seed.
486587. BOZM 2 0169. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Khochis, Chuquisaca. 2720m. Race Chuspillu. Local name Chullpi. Cultivated. Seed.
486588. BOZM 2 0170. Bolivia. Cultivated. Seed.
486589. BOZM 2 0171. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Khochis, Chuquisaca. 2720m. Race Paru. Local name Muruchi Colorado. Cultivated.

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Seed.

486590. BOZM 2 0172. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Khochis, Chuquisaca. 2720m. Race Kajbia. Local name Kajbia. Cultivated. Seed.
486591. BOZM 2 0173. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Tambo Cachilla, Chuquisaca. 2450m. Race Kara Pampa. Local name Murichata. Cultivated. Seed.
486592. BOZM 2 0174. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Tambo Cachilla, Chuquisaca. 2450m. Race Kulli. Local name Chullpi. Cultivated. Seed.
486593. BOZM 2 0175. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Tambo Cachilla, Chuquisaca. 2450m. Race Kajbia. Local name Yurak Kajbia. Cultivated. Seed.
486594. BOZM 2 0176. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Tambo Cachilla, Chuquisaca. 2450m. Race Yana. Local name Kulli. Cultivated. Seed.
486595. BOZM 2 0177. Bolivia. Cultivated. Seed.
486596. BOZM 7 0178. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Vina Pampa, Potosi. 2170m. Race Kulli. Local name Kulli. Cultivated. Seed.
486597. BOZM 7 0179. Bolivia. Cultivated. Seed.
486598. BOZM 7 0180. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 11, 1977. Vina Pampa, Potosi. 2170m. Race Tuihuru. Local name Janka Sara. Cultivated. Seed.
486599. BOZM 7 0181. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 11, 1977. Vina Pampa, Potosi. 2170m. Race Hualtacc. Local name Kajbia. Cultivated. Seed.
486600. BOZM 7 0182. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 11, 1977. Vina Pampa, Potosi. 2170m. Race Chuspillu. Local name Chullpi. Cultivated. Seed.
486601. BOZM 7 0183. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 11, 1977. Vina Pampa, Potosi. 2170m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486602. BOZM 7 0184. Bolivia. Latitude: 19 deg S; Longitude: 065

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- deg W. Collected September 10, 1977. Millares, Potosi.
2220m. Race Morocho. Local name Moruchu. Cultivated. Seed.
486603. BOZM 7 0185. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 11, 1977. Millares, Potosi.
2220m. Race Kajbia. Local name Kajbia. Cultivated. Seed.
486604. BOZM 7 0186. Bolivia. Cultivated. Seed.
486605. BOZM 7 0187. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Millares, Potosi.
2220m. Race Hualtaco Colorado. Local name Kajbia.
Cultivated. Seed.
486606. BOZM 7 0188. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Millares, Potosi.
2220m. Race Janka Sara. Local name Checchi. Cultivated.
Seed.
486607. BOZM 7 0189. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Villa Carmen, Potosi.
3150m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486608. BOZM 7 0190. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Villa Carmen, Potosi.
3150m. Race Janka Sara. Local name Janka Sara. Cultivated.
Seed.
486609. BOZM 7 0191. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 16, 1977. Villa Carmen, Potosi.
3150m. Race Altiplano. Local name Muruchi Colorado.
Cultivated. Seed.
486610. BOZM 7 0192. Bolivia. Cultivated. Seed.
486611. BOZM 7 0193. Bolivia. Latitude: 19 deg S; Longitude: 066 deg W. Collected September 16, 1977. Betanzos, Potosi.
3225m. Race Morocho. Local name Muruchi. Cultivated. Seed.
486612. BOZM 7 0194. Bolivia. Latitude: 19 deg S; Longitude: 066 deg W. Collected September 16, 1977. Poroma, Potosi.
2500m. Race Paru. Local name Maiz de Tostar. Cultivated.
Seed.
486613. BOZM 7 0195. Bolivia. Latitude: 19 deg S; Longitude: 066 deg W. Collected September 16, 1977. Poroma, Potosi.
2500m. Race Paru. Local name Colorado. Cultivated. Seed.
486614. BOZM 7 0196. Bolivia. Latitude: 19 deg S; Longitude: 066 deg W. Collected September 16, 1977. Poroma, Potosi.
2500m. Race Tuimuru. Local name Janka Sara. Cultivated.
Seed.

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486615. BOZM 7 0197. Bolivia. Latitude: 19 deg S; Longitude: 066 deg W. Collected September 16, 1977. Poroma, Potosi. 2500m. Race Kulli. Local name Kulli. Cultivated. Seed.
486616. BOZM 3 0199. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Bandeno Togo, Cochabamba. 1800m. Race Morocho. Local name Morocho. Cultivated. Seed.
486617. BOZM 3 0200. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Bandeno Togo, Cochabamba. 1800m. Race Patillo. Local name Kara Huilcaparu. Cultivated. Seed.
486618. BOZM 3 0201. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Bandeno Togo, Cochabamba. 1800m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486619. BOZM 3 0202. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Bandeno Togo, Cochabamba. 1800m. Race Cubano Blanco. Local name Cubano Blanco. Cultivated. Seed.
486620. BOZM 3 0203. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Hoyadas, Cochabamba. 2800m. Race Morocho. Local name Kellu. Cultivated. Seed.
486621. BOZM 3 0204. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Hoyadas, Cochabamba. 2800m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486622. BOZM 3 0205. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Hoyadas, Cochabamba. 2800m. Race Kulli. Local name Kulli. Cultivated. Seed.
486623. BOZM 3 0206. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Hoyadas, Cochabamba. 2800m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486624. BOZM 3 0207. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected August 15, 1977. San Vicente, Cochabamba. 3000m. Race Paru. Local name Chuta. Cultivated. Seed.
486625. BOZM 3 0208. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected August 15, 1977. San Vicente, Cochabamba. 3000m. Race Paru. Local name Chuta. Cultivated. Seed.
486626. BOZM 3 0209. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected August 15, 1977. San Vicente, Cochabamba.

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- 3000m. Race Aysuma. Local name Amarillo Aiquileno.
Cultivated. Seed.
486627. BOZM 3 0210. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 15, 1977. Tarata, Cochabamba. 2700m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486628. BOZM 9 0211. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 17, 1977. Caipitandi, Tarija. 650m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486629. BOZM 3 0212. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 15, 1977. Tarata, Cochabamba. 2700m. Race Uchuquilla. Local name Hualtaco Precoz. Cultivated. Seed.
486630. BOZM 3 0213. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 15, 1977. Tarata, Cochabamba. 2700m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486631. BOZM 3 0214. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected July 09, 1977. Tarata, Cochabamba. 2700m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486632. BOZM 3 0215. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 15, 1977. Chullpani, Cochabamba. 3100m. Race Kepi Siqui. Local name Kepi Siqui. Cultivated. Seed.
486633. BOZM 3 0216. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 15, 1977. Sucho, Cochabamba. 2900m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486634. BOZM 3 0217. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 15, 1977. Independencia, Cochabamba. 2800m. Race Hualtaco Colorado. Local name Huaca Songo. Cultivated. Seed.
486635. BOZM 3 0218. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 15, 1977. Sanipaya, Cochabamba. 2800m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486636. BOZM 1 0219. Bolivia. Latitude: 13 deg S; Longitude: 064 deg W. Collected September 02, 1977. Baures, Beni. 600m. Race Cubano Colorado. Local name Cubano Rojo. Cultivated. Seed.
486637. BOZM 3 0220. Bolivia. Cultivated. Seed.

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486638. BOZM 3 0221. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 15, 1977. Tarata, Cochabamba. 2700m. Race Hualtaco. Local name Palta Hualtaco. Cultivated. Seed.
486639. BOZM 9 0222. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Narvaez, Tarija. 1620m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486640. BOZM 9 0223. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Barrial, Tarija. 3057m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486641. BOZM 9 0224. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 16, 1977. Serere, Tarija. 920m. Race Morocho. Local name Morochilo. Cultivated. Seed.
486642. BCZM 9 0225. Bolivia. Cultivated. Seed.
486643. BOZM 9 0226. Bolivia. Cultivated. Seed.
486644. BOZM 9 0227. Bolivia. Cultivated. Seed.
486645. BOZM 9 0228. Bolivia. Cultivated. Seed.
486646. BOZM 9 0229. Bolivia. Cultivated. Seed.
486647. BOZM 9 0230. Bolivia. Cultivated. Seed.
486648. BOZM 9 0231. Bolivia. Cultivated. Seed.
486649. BOZM 9 0232. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Narvaez, Tarija. 920m. Race Morocho. Local name Merocho Chico. Cultivated. Seed.
486650. BOZM 9 0233. Bolivia. Cultivated. Seed.
486651. BOZM 9 0234. Bolivia. Cultivated. Seed.
486652. BOZM 9 0235. Bolivia. Cultivated. Seed.
486653. BOZM 9 0236. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Serere Norte, Tarija. 920m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486654. BOZM 9 0238. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Serere, Tarija. 920m. Race Canario Bayo. Local name Amarillo Blando. Cultivated. Seed.

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486655. BOZM 9 0239. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Amarillo, Tarija. 1050m. Race Canario Bayo. Local name Blando Amarillo. Cultivated. Seed.
486656. BOZM 9 0240. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 16, 1977. Junacas, Tarija. 2300m. Race Morochillo. Local name Morocho. Cultivated. Seed.
486657. BOZM 9 0241. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 16, 1977. Rancho Norte, Tarija. 1970m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486658. BOZM 9 0242. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 16, 1977. Junacas, Tarija. 2300m. Race Chuncula. Local name Blanco de Tustar. Cultivated. Seed.
486659. BOZM 9 0243. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 22, 1977. Rancho Norte, Tarija. 1930m. Race Paru. Local name Colorado Morocho. Cultivated. Seed.
486660. BOZM 9 0244. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Campo Grande, Tarija. 640m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486661. BOZM 9 0245. Bolivia. Cultivated. Seed.
486662. BOZM 9 0246. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Pajonal, Tarija. 1600m. Race Coroico. Local name Morochillo. Cultivated. Seed.
486663. BOZM 9 0247. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Marvaez, Tarija. 1615m. Race Aperlado. Local name Maiz Azucareno. Cultivated. Seed.
486664. BOZM 9 0248. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Serere, Tarija. 920m. Race Cubano Amarillo. Local name Morocho Grande. Cultivated. Seed.
486665. BOZM 9 0249. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 19, 1977. Tarija, Tarija. 1900m. Race Chuncula. Local name Blando Blanco. Cultivated. Seed.
486666. BOZM 9 0250. Bolivia. Collected October 19, 1977. Tarija, Tarija. 1900m. Race Chuncula. Local name Blando Blanco. Cultivated. Seed.

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486667. BOZM 9 0251. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Campo Grande, Tarija. 600m. Race Beni Duro. Local name 8 Rayas. Cultivated. Seed.
486668. BOZM 9 0252. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 17, 1977. Mendez, Tarija. 1930m. Race Cordillera. Local name Chapara. Cultivated. Seed.
486669. BOZM 9 0253. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 10, 1977. La Merced, Tarija. 1560m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486670. BOZM 9 0254. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Caipitandi, Tarija. 650m. Race Canario Bayo. Local name Blando Amarillo. Cultivated. Seed.
486671. BOZM 9 0255. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 20, 1977. Arce, Tarija. 1510m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486672. BOZM 9 0256. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 07, 1977. San Lorenzo, Tarija. 1920m. Race Morochillo. Local name Morocho. Cultivated. Seed.
486673. BOZM 9 0257. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 02, 1977. San Telmo, Tarija. 550m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486674. BOZM 9 0258. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 20, 1977. Bernejo, Tarija. 300m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486675. BOZM 9 0259. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 21, 1977. Mendez, Tarija. 1930m. Race Kulli. Local name Kulli. Cultivated. Seed.
486676. BOZM 9 0260. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 21, 1977. San Telmo, Tarija. 550m. Race Pisankalla. Local name Purita. Cultivated. Seed.
486677. BOZM 9 0261. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 20, 1977. Soledad, Tarija. 1330m. Race Aperlado. Local name Tucumano. Cultivated. Seed.
486678. BOZM 9 0263. Bolivia. Latitude: 22 deg S; Longitude: 064

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- deg W. Collected October 20, 1977. San Telmo, Tarija.
550m. Race Canario Bayo. Local name Sauceno. Cultivated.
Seed.
486679. BOZM 9 0264. Bolivia. Latitude: 22 deg S; Longitude: 064
deg W. Collected October 10, 1978. La Merced, Tarija.
430m. Race Morochillo. Local name Morocho. Cultivated.
Seed.
486680. BOZM 9 0265. Bolivia. Latitude: 22 deg S; Longitude: 064
deg W. Collected October 20, 1977. Candado Grande, Tarija.
430m. Race Cubano Amarillo. Local name Cubano. Cultivated.
Seed.
486681. BOZM 9 0266. Bolivia. Latitude: 22 deg S; Longitude: 064
deg W. Collected October 20, 1977. Salado, Tarija. 595m.
Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486682. BOZM 9 0268. Bolivia. Latitude: 22 deg S; Longitude: 064
deg W. Collected October 19, 1977. Chalarmarca, Tarija.
1190m. Race Chuncula. Local name Blando Blanco.
Cultivated. Seed.
486683. BOZM 9 0269. Bolivia. Latitude: 21 deg S; Longitude: 064
deg W. Collected October 16, 1977. Entre Rios, Tarija.
1660m. Race Cubano Amarillo. Local name Cubano.
Cultivated. Seed.
486684. BOZM 3 0270. Bolivia. Latitude: 17 deg S; Longitude: 066
deg W. Collected September 03, 1980. Tarata, Cochabamba.
2700m. Race Uchuquilla. Local name Uchuquilla. Cultivated.
Seed.
486685. BOZM 9 0271. Bolivia. Latitude: 21 deg S; Longitude: 063
deg W. Collected October 17, 1977. Caiza, Tarija. 560m.
Race Cubano Blanco. Local name Cubano Blanco. Cultivated.
Seed.
486686. BOZM 9 0272. Bolivia. Latitude: 21 deg S; Longitude: 063
deg W. Collected October 19, 1977. Chalarmarca, Tarija.
1900m. Race Morochillo. Local name Amarillo Criollo.
Cultivated. Seed.
486687. BOZM 9 0273. Bolivia. Latitude: 22 deg S; Longitude: 064
deg W. Collected October 18, 1977. Cara Pari, Tarija.
820m. Race Cubano Amarillo. Local name Cubano. Cultivated.
Seed.
486688. BOZM 9 0274. Bolivia. Latitude: 22 deg S; Longitude: 064
deg W. Collected October 19, 1977. Padcaya, Tarija. 1910m.
Race Morocho. Local name Cajeno. Cultivated. Seed.
486689. BOZM 9 0276. Bolivia. Latitude: 21 deg S; Longitude: 063

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- deg W. Collected October 17, 1977. Campo Pajoso, Tarija. 600m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486690. BOZM 9 0277. Bolivia. Cultivated. Seed.
486691. BOZM 9 0278. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Yacuiba, Tarija. 620m. Race Pisankalla. Local name Purita. Cultivated. Seed.
486692. BOZM 9 0279. Bolivia. Cultivated. Seed.
486693. BOZM 9 0280. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Pajonal, Tarija. 1600m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486694. BOZM 9 0281. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palmar Chico, Tarija. 580m. Race Uchuquilla. Local name Perla. Cultivated. Seed.
486695. BOZM 9 0282. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palmar Chico, Tarija. 580m. Race Aperlado. Local name Perla. Cultivated. Seed.
486696. BOZM 9 0283. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Campo Grande, Tarija. 580m. Race Aperlado. Local name Chuilpe. Cultivated. Seed.
486697. BOZM 9 0284. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. El Palmar, Tarija. 580m. Race Aperlado. Local name Perla. Cultivated. Seed.
486698. BOZM 9 0285. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. El Palmar, Tarija. 580m. Race Cubano Colorado. Local name Tucumano. Cultivated. Seed.
486699. BOZM 9 0286. Bolivia. Cultivated. Seed.
486700. BOZM 9 0287. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 20, 1977. San Telmo, Tarija. 550m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486701. BOZM 9 0288. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 01, 1977. Sara Pari, Tarija. 820m. Race Aperlado. Local name Tucumano. Cultivated. Seed.
486702. BOZM 9 0289. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 19, 1977. Arconchico, Tarija. 1670m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.

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486703. BCZM 9 0291. Bolivia. Cultivated. Seed.
486704. BOZM 9 0292. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Campo Grande, Tarija. 640m. Race Aperlado. Local name Perla. Cultivated. Seed.
486705. BCZM 9 0293. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Caipitandi, Tarija. 650m. Race Aperlado. Local name Perla. Cultivated. Seed.
486706. BOZM 9 0294. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 21, 1977. Comucarapari, Tarija. 830m. Race Cubano Blanco. Local name Cubano Blanco. Cultivated. Seed.
486707. BOZM 9 0295. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected July 11, 1977. Tomatitos, Tarija. 1890m. Race Aperlado. Local name Pisankalla Azucarado. Cultivated. Seed.
486708. BCZM 9 0296. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Berere Norte, Tarija. 920m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486709. BOZM 9 0297. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palmar Chico, Tarija. 600m. Race Cubano Blanco. Local name Tucumano. Cultivated. Seed.
486710. BCZM 1 0298. Bolivia. Latitude: 15 deg S; Longitude: 065 deg W. Collected February 15, 1977. Puerto Varador, Beni. 400m. Race Cubano Blanco (Trinidad). Local name Cubano. Cultivated. Seed.
486711. BOZM 9 0299. Bolivia. Cultivated. Seed.
486712. BOZM 9 0300. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected October 21, 1977. Pampa La Vila, Tarija. 1980m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
486713. BOZM 9 0301. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palmar Chico, Tarija. 580m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486714. BOZM 9 0302. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected October 21, 1977. Pampa La Vila, Tarija. 1980m. Race Morocho. Local name Morocho. Cultivated. Seed.
486715. BOZM 9 0303. Bolivia. Latitude: 21 deg S; Longitude: 063

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- deg W. Collected October 17, 1977. Campo Pajonal, Tarija. 600m. Race Cubano Amarillo. Local name Amarillo. Cultivated. Seed.
486716. BOZM 9 0304. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 19, 1977. Campo Largo, Tarija. 960m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486717. BOZM 9 0305. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Caiza, Tarija. 560m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486718. BOZM 9 0306. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 18, 1977. Carapi, Tarija. 820m. Race Cordillera. Local name Carrero. Cultivated. Seed.
486719. BOZM 9 0307. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 18, 1977. Oconor, Tarija. 1050m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486720. BOZM 9 0308. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 18, 1977. Oconor, Tarija. 1050m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486721. BOZM 9 0309. Bolivia. Cultivated. Seed.
486722. BOZM 9 0310. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 20, 1977. Soledad, Tarija. 1330m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486723. BOZM 9 0311. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 19, 1977. Entre Rios, Tarija. 1650m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486724. BOZM 9 0312. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 19, 1977. Saladillo, Tarija. 930m. Race Cordillera. Local name Carreno. Cultivated. Seed.
486725. BOZM 9 0313. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1976. Pajonal, Tarija. 1600m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486726. BOZM 9 0314. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 19, 1977. Chalamarca, Tarija. 1900m. Race Morocho. Local name Morocho. Cultivated. Seed.
486727. BOZM 9 0315. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected October 16, 1977. Aviles, Tarija. 1980m.

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- Race Aysuma. Local name Morocho. Cultivated. Seed.
486728. BOZM 9 0316. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 16, 1977. Canaletas, Tarija. 1926m. Race Morocho. Local name Morocho. Cultivated. Seed.
486729. BOZM 9 0317. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected October 21, 1977. Pampa La Villa, Tarija. 1980m. Race Aysuma. Local name Morocho. Cultivated. Seed.
486730. BOZM 9 0318. Bolivia. Cultivated. Seed.
486731. BOZM 9 0319. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 19, 1977. Padcaya, Tarija. 1920m. Race Morochillo. Local name Morocho. Cultivated. Seed.
486732. BOZM 9 0320. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 21, 1977. Rancho Norte, Tarija. 1920m. Race Morochillo. Local name Morochito. Cultivated. Seed.
486733. BOZM 9 0322. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 13, 1977. San Andres, Tarija. 1920m. Race Morocho. Local name Amarillo. Cultivated. Seed.
486734. BOZM 9 0323. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Narvaez, Tarija. 1620m. Race Aysuma. Local name Morocho. Cultivated. Seed.
486735. BOZM 9 0324. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected October 18, 1977. Chocloca, Tarija. 1980m. Race Cordillera. Local name Purita. Cultivated. Seed.
486736. BOZM 9 0325. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 16, 1977. Pajonal, Tarija. 1600m. Race Cordillera. Local name Morochillo. Cultivated. Seed.
486737. BOZM 9 0327. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palmar Chico, Tarija. 600m. Race Cubano Colorado. Local name Cubano Colorado. Cultivated. Seed.
486738. BOZM 9 0329. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Canalitos, Tarija. 1920m. Race Janka Sara. Local name Rosado. Cultivated. Seed.
486739. BOZM 9 0331. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 19, 1977. Padcaya, Tarija. 1920m. Race Janka Sara. Local name Garrapata. Cultivated. Seed.

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486740. BOZM 9 0332. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 19, 1977. Chalarmarca, Tarija. 1920m. Race Morocho. Local name Iguayta. Cultivated. Seed.
486741. BOZM 9 0333. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 19, 1977. Chalarmarca, Tarija. 1920m. Race Janka Sara. Local name Blando. Cultivated. Seed.
486742. BOZM 9 0334. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected October 02, 1977. Pampa La Villa, Tarija. 1980m. Race Kajbia. Local name Blanco de Tostar. Cultivated. Seed.
486743. BOZM 9 0335. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 20, 1977. Canaletas, Tarija. 1920m. Race Checchi. Local name Garrapata. Cultivated. Seed.
486744. BOZM 9 0336. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 13, 1977. San Andres, Tarija. 1980m. Race Tuunuru. Local name Overo. Cultivated. Seed.
486745. BOZM 9 0337. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 19, 1977. Padcaya, Tarija. 1910m. Race Morocho. Local name Jougrito. Cultivated. Seed.
486746. BOZM 9 0338. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected October 20, 1977. La Tuna, Tarija. 1900m. Race Chuncula. Local name Blanco Blando. Cultivated. Seed.
486747. BOZM 9 0339. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected October 20, 1977. Bermejo, Tarija. 1050m. Race Kajbia. Local name Blanco Blando. Cultivated. Seed.
486748. BOZM 9 0340. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 21, 1977. Rancho Norte, Tarija. 1920m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486749. BOZM 9 0341. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palkar Chico, Tarija. 600m. Race Kulli. Local name Morado. Cultivated. Seed.
486750. BOZM 9 0342. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected July 10, 1977. Junaca, Tarija. 2300m. Race Kulli. Local name Maiz Negro. Cultivated. Seed.
486751. BOZM 9 0343. Bolivia. Latitude: 22 deg S; Longitude: 064 deg W. Collected November 05, 1977. Puerto Varador, Tarija. 2600m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.

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486752. BOZM 9 0344. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 18, 1977. Yacuiba, Tarija. 620m. Race Pisankalla. Local name Purita. Cultivated. Seed.
486753. BOZM 9 0345. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Caipitandi, Tarija. 620m. Race Pisankalla. Local name Purita. Cultivated. Seed.
486754. BOZM 9 0346. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 13, 1977. Saladilla, Tarija. 930m. Race Canario Bayo. Local name Blando. Cultivated. Seed.
486755. BOZM 9 0347. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 18, 1977. Cara Pari, Tarija. 820m. Race Cordillera. Local name Mata Durro. Cultivated. Seed.
486756. BOZM 9 0348. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected October 21, 1977. Tomatitos, Tarija. 1890m. Race Patillo. Local name Patillo. Cultivated. Seed.
486757. BOZM 1 0350. Bolivia. Latitude: 12 deg S; Longitude: 066 deg W. Collected October 06, 1977. Riberalta, Beni. 132m. Race Canario Bayo. Local name Amarillo Blando. Cultivated. Seed.
486758. BOZM 9 0351. Bolivia. Latitude: 21 deg S; Longitude: 063 deg W. Collected October 17, 1977. Palmar Chico, Tarija. 132m. Race Canario Bayo. Local name Blando Amarillo. Cultivated. Seed.
486759. BOZM 3 0605. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 07, 1977. Sucho, Cochabamba. 2850m. Race Kellu. Local name Waricunca. Cultivated. Seed.
486760. BOZM 3 0606. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected February 10, 1977. Chunavi, Cochabamba. 3000m. Race Morocho. Local name Kullu Uchuquilla. Cultivated. Seed.
486761. BOZM 3 0607. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected March 04, 1980. Pasorapa, Cochabamba. 2700m. Race Morocho. Local name Morocho. Cultivated. Seed.
486762. BOZM 3 0608. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected March 07, 1979. Pasorapa, Cochabamba. 2520m. Race Morocho. Local name Amarillo. Cultivated. Seed.
486763. BOZM 3 0609. Bolivia. Latitude: 18 deg S; Longitude: 065

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- deg W. Collected March 04, 1979. Aiguile, Cochabamba.
2700m. Race Kajbia. Local name Kajbia. Cultivated. Seed.
486764. BOZM 3 0610. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 03, 1979. Rodeo, Cochabamba. 2500m. Race Morocho 14 Filas. Local name Aysuma. Cultivated. Seed.
486765. BOZM 3 0611. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Ucorena, Cochabamba. 2700m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
486766. BOZM 3 0612. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected March 04, 1977. Pasorapa, Cochabamba. 2700m. Race Morocho. Local name Morocho. Cultivated. Seed.
486767. BOZM 3 0613. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected March 07, 1979. Ayasemana, Cochabamba. 2400m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486768. BOZM 3 0614. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected March 07, 1979. Yayani, Cochabamba. 2600m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486769. BOZM 3 0615. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected March 07, 1979. Yayani, Cochabamba. 2600m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486770. BOZM 3 0616. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 14, 1974. Yayani, Cochabamba. 2600m. Race Morocho 14 Filas. Local name Aysuma. Cultivated. Seed.
486771. BOZM 3 0617. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 15, 1977. Pairumani, Cochabamba. 2584m. Race Hualtaco. Local name Choclero 1. Cultivated. Seed.
486772. BOZM 3 0618. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected October 10, 1976. Pasorapa, Cochabamba. 2520m. Race Chuncula. Local name Yurak Sara. Cultivated. Seed.
486773. BOZM 3 0619. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Churani, Cochabamba. 2600m. Race Kajbia. Local name Yurak Sara. Cultivated. Seed.
486774. BOZM 3 0620. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Santa Rosa, Cochabamba. 2400m. Race Morocho 14 Filas. Local name Aysuma. Cultivated. Seed.

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486775. BOZM 3 0621. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Yayani, Cochabamba. 2600m. Race Morocho 14 Filas. Local name Puca Sara. Cultivated. Seed.
486776. BOZM 3 0622. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected October 10, 1977. Pasorapa, Cochabamba. 2520m. Race Aysuma. Local name Amarillo Morocho. Cultivated. Seed.
486777. BOZM 3 0623. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Santa Rosa, Cochabamba. 2600m. Race Hualtaco. Local name Blanco. Cultivated. Seed.
486778. BOZM 3 0624. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Santa Rosa, Cochabamba. 2600m. Race Hualtaco. Local name Palta Hualtaco. Cultivated. Seed.
486779. BOZM 3 0625. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 07, 1976. Cebaba Pampa, Cochabamba. 3600m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486780. BOZM 3 0626. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected August 07, 1977. Santa Rosa, Cochabamba. 2450m. Race Chuncula. Local name Blanco Precoz. Cultivated. Seed.
486781. BOZM 3 0627. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 14, 1977. Independencia, Cochabamba. 2820m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486782. BOZM 3 0628. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 14, 1977. Santa Rosa, Cochabamba. 2450m. Race Hualtaco. Local name Hualtaco Blanco. Cultivated. Seed.
486783. BOZM 3 0629. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1976. Suchu, Cochabamba. 2020m. Race Hualtaco Colorado. Local name Hualtaco Colorado. Cultivated. Seed.
486784. BOZM 3 0630. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1976. Huertas, Cochabamba. 2400m. Race Morocho 14 Filas. Local name Amarillo. Cultivated. Seed.
486785. BOZM 3 0631. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 07, 1974. Santa Rosa, Cochabamba. 2450m. Race Uchuquilla. Local name Uchuquilla. Cultivated.

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Seed.

486786. BOZM 3 0632. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 07, 1974. Suchu, Cochabamba. 2820m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486787. BOZM 3 0633. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 15, 1974. Independencia, Cochabamba. 2950m. Race Kajbia. Local name Yurac Sara. Cultivated. Seed.
486788. BOZM 3 0634. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 14, 1974. Suchu, Cochabamba. 2890m. Race Kajbia. Local name Blando Mejorado. Cultivated. Seed.
486789. BOZM 3 0635. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 14, 1974. Huertas, Cochabamba. 2400m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486790. BOZM 3 0636. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 14, 1974. Chunari, Cochabamba. 2900m. Race Kajbia. Local name Yurac Sara. Cultivated. Seed.
486791. BOZM 3 0637. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 14, 1974. Chunari, Cochabamba. 2900m. Race Hualtaco Colorado. Local name Tani Tani. Cultivated. Seed.
486792. BOZM 3 0639. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Cliza, Cochabamba. 2700m. Race Hualtaco Colorado. Local name Hualtaco Puca. Cultivated. Seed.
486793. BOZM 3 0640. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 10, 1973. Salviana, Cochabamba. 3100m. Race Huary Kunka. Local name Huary Kunka. Cultivated. Seed.
486794. BOZM 3 0641. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected July 07, 1976. Cliza, Cochabamba. 2600m. Race Checchi. Local name Checchi. Cultivated. Seed.
486795. BOZM 3 0642. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected June 06, 1974. Jatun Chunavi, Cochabamba. 2950m. Race Paru. Local name Kari Sara. Cultivated. Seed.
486796. BOZM 3 0643. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 06, 1977. Potrero, Cochabamba. 3200m. Race Kepi Siqui. Local name Kepi Siqui. Cultivated. Seed.

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486797. BOZM 3 0645. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Potrero, Cochabamba. 3200m. Race Chake Sara. Local name Uchuquilla. Cultivated. Seed.
486798. BOZM 3 0646. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Yayani, Cochabamba. 2600m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486799. BOZM 3 0647. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Sachiraya, Cochabamba. 3000m. Race Hualtaco Colorado. Local name Colorado. Cultivated. Seed.
486800. BOZM 3 0648. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Khochiri, Cochabamba. 2620m. Race Hualtaco Colorado. Local name Huaca Songo. Cultivated. Seed.
486801. BOZM 3 0649. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Santa Rosa, Cochabamba. 2450m. Race Hualtaco Colorado. Local name Huaca Songo. Cultivated. Seed.
486802. BOZM 3 0650. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected July 18, 1977. Cercado, Cochabamba. 2200m. Race Kajbia. Local name Yurac Sara. Cultivated. Seed.
486803. BOZM 3 0651. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 11, 1976. Suchu, Cochabamba. 2820m. Race Hualtaco Colorado. Local name Tari. Cultivated. Seed.
486804. BOZM 3 0652. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 10, 1976. Santa Rosa, Cochabamba. 2450m. Race Morocho 14 Filas. Local name Amarillo Comun. Cultivated. Seed.
486805. BOZM 3 0653. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 10, 1976. Suchu, Cochabamba. 2820m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486806. BOZM 3 0654. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 10, 1976. Santa Rosa, Cochabamba. 2450m. Race Hualtaco Colorado. Local name Tari. Cultivated. Seed.
486807. BOZM 3 0655. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected February 03, 1974. Aiguile, Cochabamba. 2600m. Race Morocho. Local name Morocho. Cultivated. Seed.

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486808. BOZM 3 0656. Bolivia. Cultivated. Seed.
486809. BOZM 3 0657. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected February 03, 1974. Pasorapa, Cochabamba. 2700m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486810. BOZM 3 0658. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected July 16, 1974. Pasorapa, Cochabamba. 2520m. Race Kepi Siqui. Local name Amarillo Uchuquilla. Cultivated. Seed.
486811. BOZM 3 0659. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected March 03, 1974. Pasorapa, Cochabamba. 2700m. Race Janka Sara. Local name Janka Sara. Cultivated. Seed.
486812. BOZM 3 0660. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected March 02, 1974. Pasorapa, Cochabamba. 2700m. Race Huilcapuru. Local name Huilcapuru. Cultivated. Seed.
486813. BOZM 3 0661. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 10, 1974. Ichupampa, Cochabamba. 2620m. Race Checchi. Local name Checchi. Cultivated. Seed.
486814. BOZM 3 0662. Bolivia. Cultivated. Seed.
486815. BOZM 3 0663. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected July 11, 1974. Pasorapa, Cochabamba. 2520m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486816. BOZM 3 0664. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 11, 1974. Jatun Chunavi, Cochabamba. 2950m. Race Paru. Local name Tani Tani. Cultivated. Seed.
486817. BOZM 3 0665. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Santa Rosa, Cochabamba. 2450m. Race Kulli. Local name Kulli. Cultivated. Seed.
486818. BOZM 3 0666. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Salviana, Cochabamba. 3100m. Race Janka Sara. Local name Kari Kunka. Cultivated. Seed.
486819. BOZM 3 0667. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Yayani, Cochabamba. 2600m. Race Checchi. Local name Checchi. Cultivated. Seed.
486820. BOZM 3 0668. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Santa Rosa, Cochabamba.

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- 2600m. Race Checchi. Local name Checchi. Cultivated. Seed.
486821. BOZM 3 0669. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 06, 1977. Cebada Pampa, Cochabamba. 2600m. Race Janka Sara. Local name Checchi. Cultivated. Seed.
486822. BCZM 3 0670. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected October 06, 1977. Pasorapa, Cochabamba. 2520m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486823. BOZM 3 0671. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Chunavi, Cochabamba. 3000m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486824. BOZM 3 0672. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Potrero, Cochabamba. 3200m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486825. BOZM 3 0673. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Potrero, Cochabamba. 3200m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486826. BOZM 3 0674. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Morochata, Cochabamba. 3000m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486827. BOZM 3 0675. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Santa Rosa, Cochabamba. 2200m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486828. BOZM 3 0676. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Uchupampa, Cochabamba. 3500m. Race Paru. Local name Tani Tani. Cultivated. Seed.
486829. BOZM 3 0677. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 08, 1977. Chunavi, Cochabamba. 3000m. Race Paru. Local name Puca Sara. Cultivated. Seed.
486830. BOZM 3 0678. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1976. Chunavi, Cochabamba. 3000m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486831. BOZM 3 0679. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 06, 1976. Potrero, Cochabamba. 3200m. Race Kepi Siqui. Local name Amarillo Kepi Siqui. Cultivated. Seed.
486832. BOZM 3 0680. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 17, 1977. Jatun Chunavi, Cochabamba. 2950m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.

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486833. BOZM 3 0681. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 17, 1977. Chunavi, Cochabamba. 2900m. Race Kepi Siqui. Local name Aysuma. Cultivated. Seed.
486834. BOZM 3 0682. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Pinomayu, Cochabamba. 3500m. Race Confite Puneno. Local name Luribayeno. Cultivated. Seed.
486835. BOZM 3 0683. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Yayani, Cochabamba. 2700m. Race Colorado Sub Tropical. Local name Kulli. Cultivated. Seed.
486836. BOZM 3 0684. Bolivia. Cultivated. Seed.
486837. BOZM 3 0685. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1979. Chunavi, Cochabamba. 2900m. Race Kepi Siqui. Local name Kepi Siqui. Cultivated. Seed.
486838. BOZM 3 0686. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1979. Totorani, Cochabamba. 2900m. Race Kepi Siqui. Local name Kellu. Cultivated. Seed.
486839. BOZM 3 0687. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 17, 1977. Chunavi, Cochabamba. 2990m. Race Huary Cunca. Local name Huary Cunca. Cultivated. Seed.
486840. BOZM 3 0688. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected October 10, 1977. Suchu, Cochabamba. 2820m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486841. BOZM 3 0689. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 09, 1978. Rodeo, Cochabamba. 2900m. Race Tuimuru. Local name Tuimuru. Cultivated. Seed.
486842. BOZM 2 0690. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Valentin Abecia, Chuquisaca. 2200m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486843. BOZM 9 0691. Bolivia. Latitude: 21 deg S; Longitude: 066 deg W. Collected September 09, 1978. Ovando, Tarija. 2600m. Race Aysuma. Local name Cullpi. Cultivated. Seed.
486844. BOZM 2 0692. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Taraya, Chuquisaca.

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- 2500m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486845. BOZM 3 0693. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 16, 1977. Bandeno Togo, Cochabamba. 1800m. Race Canario Bayo. Local name Uchuquilla. Cultivated. Seed.
486846. BOZM 9 0694. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected July 07, 1976. Santa Rosa, Tarija. 2600m. Race Uchuquilla. Local name Uchuquilla. Cultivated. Seed.
486847. BOZM 8 0695. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 29, 1977. San Rafael, Santa Cruz. 250m. Race Aperlado. Local name Blanco Duro. Cultivated. Seed.
486848. BOZM 2 0696. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected October 08, 1977. Cieneguillas, Chuquisaca. 3100m. Race Morocho. Local name Morochito. Cultivated. Seed.
486849. BOZM 2 0697. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected April 08, 1978. Pilaguar, Chuquisaca. 2900m. Race Aysuma. Local name Morocho. Cultivated. Seed.
486850. BOZM 2 0698. Bolivia. Cultivated. Seed.
486851. BOZM 4 0700. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 07, 1978. Lajas, La Paz. 2520m. Race Morocho. Local name Amarillo. Cultivated. Seed.
486852. BOZM 8 0701. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 30, 1977. Menonita, Santa Cruz. 345m. Race Cubano Amarillo. Local name Amarillo Duro. Cultivated. Seed.
486853. BOZM 8 0702. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 30, 1977. Menonita, Santa Cruz. 345m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486854. BOZM 8 0703. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 30, 1977. Nueva Esperanza, Santa Cruz. 350m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
486855. BOZM 8 0704. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 30, 1977. La Fortuna, Santa Cruz. 320m. Race Cubano Amarillo. Local name Colorado. Cultivated. Seed.
486856. BOZM 8 0705. Bolivia. Latitude: 19 deg S; Longitude: 060

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- deg W. Collected December 01, 1977. San Jose, Santa Cruz. 340m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486857. BOZM 8 0706. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 01, 1977. Robore, Santa Cruz. 200m. Race Cubano Amarillo. Local name Cubano Colorado. Cultivated. Seed.
486858. BOZM 8 0707. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 01, 1977. Santiago, Santa Cruz. 200m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486859. BOZM 8 0708. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 09, 1977. San Rafael, Santa Cruz. 300m. Race Cubano Amarillo. Local name Cubano. Cultivated. Seed.
486860. BOZM 8 0709. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 28, 1977. Quimone, Santa Cruz. 340m. Race Cubano Amarillo. Local name Duro Amarillo. Cultivated. Seed.
486861. BOZM 8 0710. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 01, 1977. Sochisrobore, Santa Cruz. 350m. Race Cubano Amarillo. Local name Amarillo. Cultivated. Seed.
486862. BOZM 8 0711. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 30, 1977. San Jose, Santa Cruz. 340m. Race Cubano Amarillo. Local name Cubano Colorado. Cultivated. Seed.
486863. BOZM 8 0712. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 12, 1977. Santiago, Santa Cruz. 350m. Race Cubano Colorado. Local name Colorado. Cultivated. Seed.
486864. BOZM 8 0713. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 29, 1977. San Rafael, Santa Cruz. 300m. Race Canario Bayo. Local name Blandito. Cultivated. Seed.
486865. BOZM 8 0714. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 29, 1977. Nueva Esperanza, Santa Cruz. 350m. Race Canario Bayo. Local name Blando. Cultivated. Seed.
486866. BOZM 8 0715. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected July 12, 1978. Sochirobore, Santa Cruz. 350m. Race Canario Bayo. Local name Blando. Cultivated. Seed.

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486867. BOZM 8 0716. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 12, 1977. Pogo, Santa Cruz. 2550m. Race Canario Bayo. Local name Bayo. Cultivated. Seed.
486868. BOZM 8 0717. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 11, 1977. Robore, Santa Cruz. 250m. Race Canario Bayo. Local name Blando. Cultivated. Seed.
486869. BOZM 8 0718. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 30, 1977. San Jose, Santa Cruz. 430m. Race Canario Bayo. Local name Blando Amarillo. Cultivated. Seed.
486870. BOZM 8 0719. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 11, 1977. La Fortuna, Santa Cruz. 320m. Race Canario Bayo. Local name Blandito. Cultivated. Seed.
486871. BOZM 8 0720. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 28, 1977. Quimone, Santa Cruz. 340m. Race Canario Bayo. Local name Amarillo Blandito. Cultivated. Seed.
486872. BOZM 8 0721. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 30, 1977. EL 45, Santa Cruz. 340m. Race Canario Bayo. Local name Blandito. Cultivated. Seed.
486873. BOZM 1 0723. Bolivia. Latitude: 15 deg S; Longitude: 067 deg W. Collected August 12, 1978. Rurenabaque, Beni. 230m. Race Beni Duro. Local name Blanco Beniano. Cultivated. Seed.
486874. BOZM 1 0724. Bolivia. Latitude: 13 deg S; Longitude: 064 deg W. Collected August 26, 1978. Bella Vista, Beni. 200m. Race Beni Duro. Local name Blanco Beniano. Cultivated. Seed.
486875. BOZM 3 0725. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 19, 1978. Rancho Pampa, Cochabamba. 2000m. Race Aysuma. Local name Rumi Pampeno. Cultivated. Seed.
486876. BOZM 8 0726. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected September 29, 1977. San Jose, Santa Cruz. 350m. Race Morocho 14 Filas. Local name Cubano Amarillo. Cultivated. Seed.
486877. BOZM 3 0727. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 17, 1977. Iho, Cochabamba.

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- 2520m. Race Morocho. Local name Kellu Patillo. Cultivated. Seed.
486878. BOZM 3 0728. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 22, 1978. Villa Vila, Cochabamba. 2550m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486879. BOZM 4 0729. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected October 25, 1977. Achumani, La Paz. 3148m. Race Kipi Siqui. Local name Amarillo. Cultivated. Seed.
486880. BOZM 3 0730. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 17, 1977. Tarcopampa, Cochabamba. 2600m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486881. BOZM 3 0731. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pasorapa, Cochabamba. 2520m. Race Concebiden. Local name Morocho. Cultivated. Seed.
486882. BOZM 3 0732. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 20, 1978. Punilla, Cochabamba. 2880m. Race Aysuma. Local name Kellu Patillo. Cultivated. Seed.
486883. BOZM 3 0733. Bolivia. Latitude: 12 deg S; Longitude: 068 deg W. Collected December 15, 1977. Totora, Cochabamba. 2800m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486884. BOZM 3 0734. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 17, 1977. Iho, Cochabamba. 2200m. Race Aysuma. Local name Kellu Patillo. Cultivated. Seed.
486885. BOZM 3 0735. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 18, 1978. Tipa Kaja, Cochabamba. 2600m. Race Aysuma. Local name Patillo Amarillo. Cultivated. Seed.
486886. BOZM 3 0736. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 18, 1977. Pampas, Cochabamba. 2520m. Race Aysuma. Local Kellu Patillo. Cultivated. Seed.
486887. BOZM 3 0737. Bolivia. Cultivated. Seed.
486888. BOZM 3 0738. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 19, 1977. Pogo, Cochabamba. 2550m. Race Aysuma. Local name Maiz Amarillo. Cultivated. Seed.

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486889. BOZM 4 0739. Bolivia. Latitude: 15 deg S; Longitude: 069 deg W. Collected December 23, 1977. Puerto Acosta, La Paz. 3800m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486890. BOZM 4 740. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 20, 1977. Lajas, La Paz. 2520m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486891. BOZM 3 0741. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Aysuma. Local name Morochillo. Cultivated. Seed.
486892. BOZM 3 0742. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected September 23, 1978. Pocona, Cochabamba. 2800m. Race Aysuma. Local name Aysuma Amarillo. Cultivated. Seed.
486893. BOZM 3 0743. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected September 23, 1978. Tim Tim, Cochabamba. 2100m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
486894. BOZM 3 0744. Bolivia. Cultivated. Seed.
486895. BOZM 3 0745. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected September 22, 1978. Cabracancha, Cochabamba. 2100m. Race Aysuma. Local name Mizqueno. Cultivated. Seed.
486896. BCZM 3 0746. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected September 22, 1978. Vila Vila, Cochabamba. 2490m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486897. BOZM 3 0747. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected December 19, 1977. Condadillo, Cochabamba. 2100m. Race Aysuma. Local name Rumi Panpeno. Cultivated. Seed.
486898. BCZM 3 0748. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Aysuma. Local name Rumi Pampa. Cultivated. Seed.
486899. BOZM 3 0749. Bolivia. Latitude: 18 deg S; Longitude: 076 deg W. Collected December 19, 1977. Condadillo, Cochabamba. 2200m. Race Aysuma. Local name Rumi Panpeno. Cultivated. Seed.
486900. BOZM 3 0750. Bolivia. Latitude: 15 deg S; Longitude: 068 deg W. Collected April 03, 1978. Sorata, Cochabamba. 2647m. Race Aysuma. Local name Amarillo Precoz.

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Cultivated. Seed.

486901. BOZM 3 0751. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pasorapa, Cochabamba. 2520m. Race Aysuma. Local name Aysuma. Cultivated. Seed.
486902. BOZM 3 0752. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1977. Cercado, Cochabamba. 2200m. Race Aysuma. Local name Kellu Patillo. Cultivated. Seed.
486903. BOZM 3 0753. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 16, 1977. Pucapila, Cochabamba. 2520m. Race Aysuma. Local name Patillo. Cultivated. Seed.
486904. BOZM 3 0754. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 13, 1977. Marquilla, Cochabamba. 2520m. Race Aysuma. Local name Campero. Cultivated. Seed.
486905. BOZM 4 0755. Bolivia. Latitude: 15 deg S; Longitude: 059 deg W. Collected August 31, 1978. Moco Moco, La Paz. 3200m. Race Aysuma. Local name Kellu Tongo. Cultivated. Seed.
486906. BCZM 3 0756. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected January 21, 1977. Aguabas, Cochabamba. 2100m. Race Aysuma. Local name Kellu. Cultivated. Seed.
486907. BOZM 4 0757. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected August 30, 1979. Luquisani, La Paz. 3000m. Race Chungula. Local name Yurac Tongo. Cultivated. Seed.
486908. BOZM 3 0758. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 03, 1978. Totora, Cochabamba. 2800m. Race Chuncula. Local name Blanco. Cultivated. Seed.
486909. BOZM 4 0759. Bolivia. Latitude: 18 deg S; Longitude: 068 deg W. Collected September 03, 1978. Cone, La Paz. 3400m. Race Chuncula. Local name Blanco. Cultivated. Seed.
486910. BOZM 3 0760. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 18, 1977. Rumicanha, Cochabamba. 2520m. Race Chuncula. Local name Chuchugo. Cultivated. Seed.
486911. BOZM 4 0761. Bolivia. Latitude: 15 deg S; Longitude: 069 deg W. Collected August 31, 1978. Ayata, La Paz. 3660m. Race Chuncula. Local name Maiz Blanco. Cultivated. Seed.
486912. BOZM 3 0763. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Kajbia. Local name Yurak Sara. Cultivated.

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Seed.

486913. BOZM 3 0764. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected December 12, 1977. Oyañas-Totora, Cochabamba. 2800m. Race Kajbia. Local name Yurak Sara. Cultivated. Seed.
486914. BOZM 3 0765. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Kajbia. Local name Yurak Sara. Cultivated. Seed.
486915. BOZM 4 0766. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected September 03, 1978. La Paz, La Paz. 3701m. Race Kajbia. Local name Maiz Blanco. Cultivated. Seed.
486916. BOZM 4 0767. Bolivia. Cultivated. Seed.
486917. BOZM 4 0768. Bolivia. Cultivated. Seed.
486918. BOZM 3 0769. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 04, 1978. Punilla, Cochabamba. 2880m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486919. BOZM 3 0770. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 23, 1978. Rancho Pampa, Cochabamba. 2000m. Race Kajbia. Local name Tuimuru. Cultivated. Seed.
486920. BOZM 4 0771. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected September 03, 1978. La Paz, La Paz. 3701m. Race Kajbia. Local name Blanco. Cultivated. Seed.
486921. BOZM 3 0772. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 19, 1977. Puca Pila, Cochabamba. 2880m. Race Kajbia. Local name Yurak Sara. Cultivated. Seed.
486922. BOZM 3 0773. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 21, 1978. Rumicancha, Cochabamba. 2520m. Race Uchuquilla. Local Chuchuquilla. Cultivated. Seed.
486923. BOZM 3 0774. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Uchuquilla. Local name Pajano. Cultivated. Seed.
486924. BOZM 3 0775. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 21, 1978. San Vicente, Cochabamba. 2400m. Race Uchuquilla. Local name Chuchuquilla. Cultivated. Seed.

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486925. BOZM 3 0777. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1976. Cercado, Cochabamba. 2200m. Race Beni Duro. Local name Uchuquilla. Cultivated. Seed.
486926. BOZM 3 0778. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected December 12, 1977. Totora, Cochabamba. 2880m. Race Canario Bayo. Local name Uchuquilla. Cultivated. Seed.
486927. BOZM 3 0779. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pasorapa, Cochabamba. 2600m. Race Uchuquilla. Local name Chuchuguella. Cultivated. Seed.
486928. BOZM 3 0780. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected October 10, 1978. Pocona, Cochabamba. 2800m. Race Checchi. Local name Gris. Cultivated. Seed.
486929. BOZM 3 0781. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1977. Marquilla Pampa, Cochabamba. 2520m. Race Checchi. Local name Janka Sara. Cultivated. Seed.
486930. BOZM 3 0782. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected February 11, 1977. Pampas, Cochabamba. 2520m. Race Checchi. Local name Janka Sara. Cultivated. Seed.
486931. BOZM 3 0783. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected October 10, 1978. Pocona, Cochabamba. 2800m. Race Checchi. Local name Checchi. Cultivated. Seed.
486932. BOZM 4 0785. Bolivia. Latitude: 15 deg S; Longitude: 059 deg W. Collected September 29, 1978. Moco Moco, La Paz. 3200m. Race Checchi. Local name Gris. Cultivated. Seed.
486933. BOZM 4 0786. Bolivia. Cultivated. Seed.
486934. BOZM 4 0788. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Belen, La Paz. 3820m. Race Kajbia. Local name Sanko. Cultivated. Seed.
486935. BOZM 3 0789. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1977. Cercado, Cochabamba. 2200m. Race Janka Sara. Local name Janka Sara. Cultivated. Seed.
486936. BOZM 4 0790. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected August 03, 1978. Luquijani, La Paz. 3000m. Race Janka Sara. Local name Janka Tongo. Cultivated. Seed.

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486937. BOZM 4 0791. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected August 30, 1978. Luquijani, La Paz. 3000m. Race Janka Sara. Local name Gris. Cultivated. Seed.
486938. BOZM 3 0792. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 18, 1978. San Vicente, Cochabamba. 2600m. Race Patillo. Local name Patillo Precoz. Cultivated. Seed.
486939. BOZM 3 0793. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 19, 1977. Pogo, Cochabamba. 2200m. Race Patillo. Local name Huilcaparu. Cultivated. Seed.
486940. BOZM 3 0795. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected December 22, 1977. Oyadas, Cochabamba. 2800m. Race Patillo. Local name Huilcaparu. Cultivated. Seed.
486941. BOZM 3 0796. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1977. Marquilla, Cochabamba. 2520m. Race Patillo. Local name Huilcaparu. Cultivated. Seed.
486942. BOZM 3 0797. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 07, 1978. Huertas, Cochabamba. 2400m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486943. BOZM 3 0798. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 18, 1978. San Vicente, Cochabamba. 2610m. Race Patillo. Local name Cocebidillo. Cultivated. Seed.
486944. BOZM 3 0799. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486945. BOZM 3 0800. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 19, 1978. Huertas, Cochabamba. 2400m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486946. BOZM 3 0801. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 19, 1978. Punilla, Cochabamba. 2800m. Race Checchi. Local name Francisquillu. Cultivated. Seed.
486947. BOZM 3 0803. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected July 12, 1977. Totorá, Cochabamba. 2800m. Race Tuimuro. Local name Janka Sara. Cultivated. Seed.

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486948. BOZM 3 0804. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 18, 1978. San Vicente, Cochabamba. 2610m. Race Tuimuro. Local name Janka Sara. Cultivated. Seed.
486949. BOZM 4 0805. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 20, 1978. Siripaca, La Paz. 3820m. Race Altiplano. Local name Colorado. Cultivated. Seed.
486950. BOZM 4 0806. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 01, 1978. Belen, La Paz. 3810m. Race Paru. Local name Morado. Cultivated. Seed.
486951. BOZM 3 0807. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 19, 1978. Pumilla, Cochabamba. 2850m. Race Paru. Local name Janka Sara. Cultivated. Seed.
486952. BOZM 4 0808. Bolivia. Latitude: 15 deg S; Longitude: 019 deg W. Collected October 30, 1978. Ayata, La Paz. 3000m. Race Paru. Local name Gris. Cultivated. Seed.
486953. BOZM 4 0810. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected September 03, 1978. Achunani, La Paz. 3348m. Race Paru. Local name Gris. Cultivated. Seed.
486954. BOZM 4 0811. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected September 29, 1978. Feria, La Paz. 3300m. Race Paru. Local name Gris. Cultivated. Seed.
486955. BOZM 4 0812. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected September 20, 1978. Rio Abajo, La Paz. 3340m. Race Paru. Local name Gris. Cultivated. Seed.
486956. BOZM 4 0814. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 20, 1978. Chani, La Paz. 3000m. Race Huaca Songo. Local name Colorado. Cultivated. Seed.
486957. BOZM 4 0815. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected August 29, 1979. Etilagua, La Paz. 3400m. Race Huaca Songo. Local name Gris. Cultivated. Seed.
486958. BOZM 4 0816. Bolivia. Cultivated. Seed.
486959. BOZM 4 0817. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Belen, La Paz. 3820m. Race Kulli. Local name Kulli. Cultivated. Seed.
486960. BOZM 3 0818. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected October 11, 1977. Pocoma, Cochabamba. 2570m. Race Kulli. Local name Kulli. Cultivated. Seed.

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486961. BOZM 3 0819. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 19, 1977. Puca Pila, Cochabamba. 2300m. Race Kulli. Local name Kulli. Cultivated. Seed.
486962. BOZM 3 0821. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 20, 1978. Punilla, Cochabamba. 2800m. Race Kulli. Local name Janka Sara. Cultivated. Seed.
486963. BOZM 1 0822. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 17, 1977. Novillero, Beni. 2520m. Race Kulli. Local name Kulli. Cultivated. Seed.
486964. BOZM 3 0823. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 19, 1977. Pogo, Cochabamba. 2200m. Race Kulli. Local name Kulli. Cultivated. Seed.
486965. BOZM 3 0824. Bolivia. Latitude: 18 deg S; Longitude: 068 deg W. Collected September 18, 1978. San Vicente, Cochabamba. 2800m. Race Kulli. Local name Chuta. Cultivated. Seed.
486966. BOZM 3 0825. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 20, 1978. Conbabillo, Cochabamba. 2520m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486967. BOZM 3 0826. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 18, 1978. San Vicente, Cochabamba. 2600m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486968. BOZM 3 0827. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1977. Cercado, Cochabamba. 2200m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486969. BOZM 3 0828. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected October 10, 1978. Pocona, Cochabamba. 2765m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486970. BOZM 3 0829. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected October 10, 1977. Pocona, Cochabamba. 2765m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486971. BOZM 3 0830. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 19, 1977. Condadillo, Cochabamba. 2800m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.

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486972. BOZM 3 0831. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 20, 1978. Punilla, Cochabamba. 2880m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486973. BOZM 3 0832. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected November 01, 1977. Ortega, Cochabamba. 2570m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486974. BOZM 3 0833. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1978. Tim Tim, Cochabamba. 1920m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486975. BOZM 3 0834. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 20, 1978. Tim Tim, Cochabamba. 2100m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486976. BOZM 3 0835. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 18, 1977. Puca Pila, Cochabamba. 2100m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486977. BOZM 3 0836. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 22, 1975. Pasorapa, Cochabamba. 2800m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
486978. BOZM 3 0837. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 15, 1978. Tim Tim, Cochabamba. 1920m. Race Pisankalla. Local name Periquito. Cultivated. Seed.
486979. BOZM 3 0838. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected October 10, 1978. Pocona, Cochabamba. 2765m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486980. BOZM 3 0839. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 19, 1978. Mizque, Cochabamba. 2200m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486981. BOZM 3 0840. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected October 10, 1978. Pocona, Cochabamba. 2765m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
486982. BOZM 3 0841. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 10, 1978. San Vicente,

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- Cochabamba. 2610m. Race Pisankalla. Local name Pisankalla.
Cultivated. Seed.
486983. BOZM 4 0843. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Tiquina, La Paz. 3010m. Race Huaca Songo Blanco. Local name Yurac Tongo. Cultivated. Seed.
486984. BOZM 4 0845. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Kellay Belen, La Paz. 3820m. Race Huaca Songo Blanco. Local name Blanco. Cultivated. Seed.
486985. BOZM 4 0847. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Kellay Belen, La Paz. 3820m. Race Huaca Songo Blanco. Local name Blanco. Cultivated. Seed.
486986. BOZM 3 0848. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pampas, Cochabamba. 2520m. Race Huaca Songo Blanco. Local name Aiguile. Cultivated. Seed.
486987. BOZM 4 0849. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Chani, La Paz. 3800m. Race Huaca Songo Blanco. Local name Blanco. Cultivated. Seed.
486988. BOZM 4 0850. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Chirca, La Paz. 3800m. Race Huaca Songo Blanco. Local name Blanco. Cultivated. Seed.
486989. BOZM 4 0851. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Siripaca, La Paz. 3800m. Race Confite Puneno. Local name Pisankalla. Cultivated. Seed.
486990. BOZM 4 0852. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Chani, La Paz. 3800m. Race Confite Puneno. Local name Kellu. Cultivated. Seed.
486991. BOZM 4 0853. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Siripaca, La Paz. 3800m. Race Confite Puneno. Local name Amarillo. Cultivated. Seed.
486992. BOZM 4 0854. Bolivia. Latitude: 16 deg S; Longitude: 069 deg W. Collected September 02, 1978. Kellay Belen, La Paz. 3800m. Race Confite Puneno. Local name Kellu Tongo. Cultivated. Seed.
486993. BOZM 4 0855. Bolivia. Latitude: 16 deg S; Longitude: 069

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- deg W. Collected September 02, 1978. Copacabana, La Paz. 3800m. Race Confite Puneno. Local name Amarillo-Pisankalla. Cultivated. Seed.
486994. BOZM 3 0856. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected December 18, 1977. Puca Pila, Cochabamba. 2200m. Race Confite Puneno. Local name Kellu Patillo. Cultivated. Seed.
486995. BOZM 8 0857. Bolivia. Latitude: 16 deg S; Longitude: 090 deg W. Collected November 01, 1977. San Jose, Santa Cruz. 350m. Race Canario Bayo. Local name Maiz Blando. Cultivated. Seed.
486996. BOZM 8 0858. Bolivia. Cultivated. Seed.
486997. BOZM 3 0859. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected August 08, 1980. Aramasi, Cochabamba. 2730m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
486998. BOZM 3 0860. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 03, 1977. Cliza, Cochabamba. 2650m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
486999. BOZM 9 0861. Bolivia. Latitude: 21 deg S; Longitude: 064 deg W. Collected August 03, 1978. Camaletas, Tarija. 1920m. Race Pisankalla. Local name Pisankalla. Cultivated. Seed.
487000. BOZM 3 0862. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 16, 1980. Kuscumolle, Cochabamba. 2730m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
487001. BOZM 3 0863. Bolivia. Cultivated. Seed.
487002. BOZM 3 0864. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 17, 1980. Collpasiaco, Cochabamba. 2730m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
487003. BOZM 1 0865. Bolivia. Latitude: 15 deg S; Longitude: 067 deg W. Collected August 12, 1978. Rurenabaque, Beni. 230m. Race Coroico. Local name Blando Beniano. Cultivated. Seed.
487004. BOZM 3 0867. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 17, 1980. Santa Rosa, Cochabamba. 2450m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487005. BOZM 3 0869. Bolivia. Latitude: 17 deg S; Longitude: 065

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- deg W. Collected September 19, 1980. Aramasi, Cochabamba. 2730m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
487006. BOZM 3 0870. Bolivia. Cultivated. Seed.
487007. BOZM 3 0871. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Tarachi Villa Rivero, Cochabamba. 2730m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
487008. BOZM 3 0872. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Tarachi Villa Rivero, Cochabamba. 2730m. Race Hualtaco. Local name Hualtaco. Cultivated. Seed.
487009. BOZM 3 0874. Bolivia. Cultivated. Seed.
487010. BOZM 3 0875. Bolivia. Cultivated. Seed.
487011. BOZM 3 0876. Bolivia. Cultivated. Seed.
487012. BOZM 3 0877. Bolivia. Cultivated. Seed.
487013. BOZM 3 0878. Bolivia. Cultivated. Seed.
487014. BOZM 3 0879. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Aramasi, Cochabamba. 2730m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
487015. BOZM 1 0880. Bolivia. Latitude: 13 deg S; Longitude: 064 deg W. Collected September 02, 1977. Bauras, Beni. 600m. Race Cubano Blanco. Local name Cubano Blanco. Cultivated. Seed.
487016. BOZM 1 0881. Bolivia. Cultivated. Seed.
487017. BOZM 1 0882. Bolivia. Cultivated. Seed.
487018. BOZM 3 0883. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Aramasi, Cochabamba. 2730m. Race Tuimuro. Local name Patillo. Cultivated. Seed.
487019. BOZM 3 0884. Bolivia. Cultivated. Seed.
487020. BOZM 3 0885. Bolivia. Cultivated. Seed.
487021. BOZM 3 0886. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1980. Ucurena, Cochabamba. 2700m. Race Hualtaco Colorado. Local name Hualtaco Colorado. Cultivated. Seed.

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487022. BOZM 2 0887. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 17, 1980. San Pedro, Chuquisaca. 2690m. Race Morocho. Local name Mogko. Cultivated. Seed.
487023. BOZM 1 0888. Bolivia. Latitude: 15 deg S; Longitude: 067 deg W. Collected August 12, 1978. Rurenabaque, Beni. 270m. Race Coroico. Local name Cubano Blanco. Cultivated. Seed.
487024. BOZM 2 0889. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected August 12, 1977. San Pedro, Chuquisaca. 2300m. Race Morocho. Local name Morocho. Cultivated. Seed.
487025. BOZM 2 0890. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected August 19, 1980. Sacana, Chuquisaca. 2300m. Race Tuimuro. Local name Oke. Cultivated. Seed.
487026. BOZM 3 0891. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected September 15, 1977. Chinguri, Cochabamba. 2500m. Race Janka Sara. Local name Janka Sara. Cultivated. Seed.
487027. BOZM 2 0892. Bolivia. Cultivated. Seed.
487028. BOZM 3 0894. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 18, 1978. San Vicente, Cochabamba. 2600m. Race Patillo. Local name Yana Patillo. Cultivated. Seed.
487029. BOZM 3 0895. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 19, 1980. Collpa, Cochabamba. 2730m. Race Hualtaco Colorado. Local name Hualtaco Colorado. Cultivated. Seed.
487030. BOZM 3 0896. Bolivia. Cultivated. Seed.
487031. BOZM 3 0897. Bolivia. Cultivated. Seed.
487032. BOZM 3 0898. Bolivia. Cultivated. Seed.
487033. BOZM 3 0899. Bolivia. Cultivated. Seed.
487034. BOZM 3 0900. Bolivia. Cultivated. Seed.
487035. BOZM 3 0901. Bolivia. Cultivated. Seed.
487036. BOZM 2 0902. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected October 10, 1977. Valentin Abecia, Chuquisaca. 2200m. Race Morocho. Local name Amarillo Dulce. Cultivated. Seed.
487037. BOZM 2 0903. Bolivia. Cultivated. Seed.

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487038. BOZM 2 0904. Bolivia. Cultivated. Seed.
487039. BOZM 2 0905. Bolivia. Cultivated. Seed.
487040. BOZM 2 0906. Bolivia. Cultivated. Seed.
487041. BOZM 3 0907. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected August 19, 1978. Pocona, Cochabamba. 2800m. Race Checchi. Local name Gris. Cultivated. Seed.
487042. BOZM 8 0908. Bolivia. Latitude: 16 deg S; Longitude: 090 deg W. Collected November 01, 1977. La Fortuna, Santa Cruz. 350m. Race Aperlado. Local name Blanco Perla. Cultivated. Seed.
487043. BOZM 8 0909. Bolivia. Cultivated. Seed.
487044. BOZM 8 0910. Bolivia. Cultivated. Seed.
487045. BOZM 8 0911. Bolivia. Cultivated. Seed.
487046. BOZM 8 0912. Bolivia. Cultivated. Seed.
487047. BOZM 8 0913. Bolivia. Cultivated. Seed.
487048. BOZM 8 0914. Bolivia. Cultivated. Seed.
487049. BOZM 9 0916. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 08, 1978. Santa Ana, Tarija. 2150m. Race Kellu. Local name Churco Tafia. Cultivated. Seed.
487050. BOZM 9 0917. Bolivia. Cultivated. Seed.
487051. BOZM 9 0918. Bolivia. Cultivated. Seed.
487052. BOZM 9 0919. Bolivia. 19. Cultivated. Seed.
487053. BOZM 9 0921. Bolivia. Cultivated. Seed.
487054. BOZM 9 0922. Bolivia. Cultivated. Seed.
487055. BOZM 9 0923. Bolivia. Cultivated. Seed.
487056. BOZM 9 0924. Bolivia. Cultivated. Seed.
487057. BOZM 9 0925. Bolivia. Cultivated. Seed.
487058. BOZM 9 0926. Bolivia. Cultivated. Seed.
487059. BOZM 9 0928. Bolivia. Cultivated. Seed.

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487060. BOZM 9 0929. Bolivia. Cultivated. Seed.
487061. BOZM 9 0930. Bolivia. Cultivated. Seed.
487062. BOZM 9 0931. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 08, 1978. Ovando, Tarija. 2700m. Race Morocho. Local name Morocho. Cultivated. Seed.
487063. BOZM 9 0932. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected April 08, 1978. Sejtapa Grande, Tarija. 2100m. Race Aysuma. Local name Amarillo. Cultivated. Seed.
487064. BOZM 2 0934. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected April 08, 1978. Lajas, Chuquisaca. 2900m. Race Morocho. Local name Morocho. Cultivated. Seed.
487065. BOZM 9 0935. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 02, 1977. Sella, Tarija. 2000m. Race Morocho. Local name Morocho. Cultivated. Seed.
487066. BOZM 9 0936. Bolivia. Cultivated. Seed.
487067. BOZM 9 0937. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 02, 1977. Ovando, Tarija. 2800m. Race Aysuma. Local name Morocho. Cultivated. Seed.
487068. BOZM 9 0940. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 02, 1978. Tomayapu, Tarija. 2800m. Race Morocho. Local name Amarillo. Cultivated. Seed.
487069. BOZM 9 0941. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 02, 1978. Ovando, Tarija. 2800m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487070. BOZM 9 0942. Bolivia. Latitude: 22 deg S; Longitude: 067 deg W. Collected September 08, 1978. Santa Ana, Tarija. 2900m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487071. BOZM 2 0943. Bolivia. Latitude: 22 deg S; Longitude: 067 deg W. Collected September 07, 1978. Impona, Chuquisaca. 2900m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487072. BOZM 9 0944. Bolivia. Latitude: 22 deg S; Longitude: 067 deg W. Collected September 08, 1978. Chayasa, Tarija. 2900m. Race Uchuquilla. Local name Pisankalla Chica. Cultivated. Seed.
487073. BOZM 9 0945. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 08, 1978. Taraya, Tarija. 2700m. Race Kajbia. Local name Sud Cinti. Cultivated. Seed.

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487074. BOZM 2 0946. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 08, 1978. Pillaguar, Chuquisaca. 2900m. Race Uchuquilla. Local name Pisankalla Grande. Cultivated. Seed.
487075. BOZM 9 0947. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 07, 1978. Tarijacancha, Tarija. 2900m. Race Uchuquilla. Local name Pisankalla Grande. Cultivated. Seed.
487076. BOZM 9 0948. Bolivia. Latitude: 22 deg S; Longitude: 067 deg W. Collected September 08, 1978. Chayasa, Tarija. 2900m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487077. BOZM 2 0949. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Impona, Chuquisaca. 2900m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487078. BOZM 2 0950. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Cieneguillas, Chuquisaca. 3100m. Race Uchuquilla. Local name Cuarenton. Cultivated. Seed.
487079. BOZM 2 0951. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Lajab, Chuquisaca. 2900m. Race Uchuquilla. Local name Pisankalla. Cultivated. Seed.
487080. BOZM 9 0953. Bolivia. Latitude: 22 deg S; Longitude: 067 deg W. Collected September 08, 1978. Chayasa, Tarija. 2900m. Race Aysuma. Local name Chihuanhuay. Cultivated. Seed.
487081. BOZM 9 0954. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 09, 1978. Taraya, Tarija. 2900m. Race Morocho. Local name Amarillo 8 Rayas. Cultivated. Seed.
487082. BOZM 9 0955. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected July 08, 1978. Pampa Villa, Tarija. 1980m. Race Aysuma. Local name Morocho. Cultivated. Seed.
487083. BOZM 9 0956. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected September 08, 1978. Pillaguar, Tarija. 2900m. Race Kajbia. Local name Blanco. Cultivated. Seed.
487084. BOZM 9 0957. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected September 08, 1978. Cieneguilla, Tarija. 3100m. Race Uchuquilla. Local name Blanquito Pisanka. Cultivated. Seed.
487085. BOZM 9 0958. Bolivia. Latitude: 21 deg S; Longitude: 065

486430 TO 487191-continued

- deg W. Collected September 09, 1978. El Puente, Tarija.
2000m. Race Kajbia. Local name Sejtapa Grande. Cultivated.
Seed.
487086. BOZM 9 0959. Bolivia. Latitude: 21 deg S; Longitude: 065
deg W. Collected September 07, 1978. Sella, Tarija. 2600m.
Race Uchuquilla. Local name Pisankalla. Cultivated. Seed.
487087. BOZM 2 0960. Bolivia. Latitude: 20 deg S; Longitude: 065
deg W. Collected September 09, 1978. Impona, Chuquisaca.
2600m. Race Morocho. Local name Amarillo. Cultivated.
Seed.
487088. BOZM 9 0961. Bolivia. Latitude: 20 deg S; Longitude: 065
deg W. Collected September 08, 1978. Pillaguar, Tarija.
2900m. Race Morocho. Local name Pisankalla. Cultivated.
Seed.
487089. BOZM 2 0962. Bolivia. Latitude: 20 deg S; Longitude: 065
deg W. Collected September 09, 1978. Cieneguillas,
Chuquisaca. 3100m. Race Uchuquilla. Local name Pisankalla.
Cultivated. Seed.
487090. BOZM 2 0963. Bolivia. Latitude: 20 deg S; Longitude: 065
deg W. Collected September 07, 1978. Lajas, Chuquisaca.
2900m. Race Aysuma. Local name Criollo Amarillo.
Cultivated. Seed.
487091. BOZM 9 0964. Bolivia. Latitude: 21 deg S; Longitude: 065
deg W. Collected September 08, 1978. Ovando, Tarija.
2500m. Race Uchuquilla. Local name Pisankalla. Cultivated.
Seed.
487092. BOZM 9 0965. Bolivia. Latitude: 21 deg S; Longitude: 065
deg W. Collected September 07, 1978. San Lorenzo, Tarija.
2500m. Race Chuncula. Local name Blanco. Cultivated. Seed.
487093. BOZM 9 0966. Bolivia. Cultivated. Seed.
487094. BOZM 2 0967. Bolivia. Latitude: 20 deg S; Longitude: 065
deg W. Collected September 09, 1978. Carreras, Chuquisaca.
2100m. Race Chuncula. Local name Blanco. Cultivated. Seed.
487095. BOZM 9 0968. Bolivia. Latitude: 21 deg S; Longitude: 065
deg W. Collected September 08, 1978. Ovando, Tarija.
2500m. Race Checchi. Local name Overo. Cultivated. Seed.
487096. BOZM 9 0969. Bolivia. Latitude: 21 deg S; Longitude: 065
deg W. Collected September 07, 1978. Sella, Tarija. 2600m.
Race Chuncula. Local name Blanco. Cultivated. Seed.
487097. BOZM 9 0970. Bolivia. Latitude: 22 deg S; Longitude: 065
deg W. Collected September 07, 1978. Pampalavilla, Tarija.

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- 2500m. Race Aperlado. Local name Pisankalla. Cultivated. Seed.
487098. BOZM 9 0972. Bolivia. Cultivated. Seed.
487099. BOZM 9 0973. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 08, 1978. Pillaguar, Tarija. 2100m. Race Morocho. Local name Purito. Cultivated. Seed.
487100. BOZM 9 0975. Bolivia. Cultivated. Seed.
487101. BOZM 2 0976. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Carreras, Chuquisaca. 2500m. Race Morocho. Local name Amarillo. Cultivated. Seed.
487102. BOZM 9 0977. Bolivia. Cultivated. Seed.
487103. BOZM 9 0978. Bolivia. Latitude: 22 deg S; Longitude: 067 deg W. Collected September 08, 1978. Chayasa, Tarija. 2900m. Race Pary. Local name Rosado. Cultivated. Seed.
487104. BOZM 2 0979. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 07, 1978. Carreras, Chuquisaca. 2500m. Race Colorado. Local name Kulli. Cultivated. Seed.
487105. BOZM 9 0981. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 07, 1978. Sella, Tarija. 2500m. Race Checchi. Local name Oke Garrapata. Cultivated. Seed.
487106. BOZM 2 0983. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Carreras, Chuquisaca. 2100m. Race Colorado. Local name Kulli. Cultivated. Seed.
487107. BOZM 2 0984. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Tarata, Chuquisaca. 2700m. Race Paru. Local name Kulli. Cultivated. Seed.
487108. BOZM 9 0985. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected August 08, 1978. Lajas, Tarija. 2900m. Race Colorado. Local name Morocho. Cultivated. Seed.
487109. BOZM 2 0986. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1981. Lajas, Chuquisaca. 2700m. Race Paru. Local name Chulpi. Cultivated. Seed.
487110. BOZM 9 0987. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 07, 1978. San Lorenzo, Tarija. 2200m. Race Pisankalla. Local name Reventon. Cultivated. Seed.
487111. BOZM 2 0988. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 09, 1978. Impona, Chuquisaca. 2900m. Race Hualtaco Colorado. Local name Chejura.

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Cultivated. Seed.

487112. BOZM 9 0989. Bolivia. Latitude: 22 deg S; Longitude: 065 deg W. Collected September 07, 1978. Yuntas, Tarija. 1980m. Race Pisankalla. Local name Purita Amarillo. Cultivated. Seed.
487113. BOZM 9 0990. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 09, 1981. Ovando, Tarija. 2500m. Race Paru. Local name Chema. Cultivated. Seed.
487114. BOZM 9 0991. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 07, 1977. San Lorenzo, Tarija. 2050m. Race Colorado. Local name Morocho. Cultivated. Seed.
487115. BOZM 9 0992. Bolivia. Latitude: 20 deg S; Longitude: 065 deg W. Collected September 08, 1978. Taraya, Tarija. 2700m. Race Checchi. Local name Overo. Cultivated. Seed.
487116. BOZM 9 0993. Bolivia. Latitude: 21 deg S; Longitude: 065 deg W. Collected September 08, 1978. Ovando, Tarija. 2500m. Race Pisankalla. Local name Pisankalla Punta. Cultivated. Seed.
487117. BOZM 9 0994. Bolivia. Cultivated. Seed.
487118. BOZM 9 0995. Bolivia. Cultivated. Seed.
487119. BOZM 2 0996. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected September 30, 1977. Santa Rosa, Chuquisaca. 350m. Race Aperlado. Local name Blanco Duro. Cultivated. Seed.
487120. BOZM 4 0997. Bolivia. Latitude: 16 deg S; Longitude: 068 deg W. Collected September 03, 1977. Coche, La Paz. 2800m. Race Paru. Local name Colorado. Cultivated. Seed.
487121. BOZM 8 0998. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected September 28, 1977. Quijarro, Santa Cruz. 150m. Race Beni Blando. Local name Blanco Blandito. Cultivated. Seed.
487122. BOZM 8 0999. Bolivia. Cultivated. Seed.
487123. BOZM 8 1000. Bolivia. Cultivated. Seed.
487124. BOZM 8 1001. Bolivia. Latitude: 16 deg S; Longitude: 061 deg W. Collected November 30, 1977. San Rafael, Santa Cruz. 300m. Race Beni Blando. Local name Blanco Blandito. Cultivated. Seed.
487125. BOZM 3 1002. Bolivia. Latitude: 18 deg S; Longitude: 066

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- deg W. Collected December 19, 1977. Callejas, Cochabamba. 2800m. Race Janka Sara. Local name Yurak Sara. Cultivated. Seed.
487126. BOZM 3 1003. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected December 19, 1977. Independencia, Cochabamba. 3000m. Race Kepi Siqui. Local name Yurak Uchuquilla. Cultivated. Seed.
487127. BOZM 8 1004. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 01, 1977. El Cocal, Santa Cruz. 350m. Race Aperlado. Local name Perla Blanco. Cultivated. Seed.
487128. BOZM 3 1005. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Lajas, Cochabamba. 2520m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
487129. BOZM 3 1006. Bolivia. Cultivated. Seed.
487130. BOZM 8 1007. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected November 29, 1977. Limoncito, Santa Cruz. 300m. Race Aperlado. Local name Blanco Perla. Cultivated. Seed.
487131. BOZM 3 1008. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 16, 1978. Cercado, Cochabamba. 2520m. Race Huilcaparu. Local name Huilcaparu. Cultivated. Seed.
487132. BOZM 8 1009. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 01, 1977. Pobore, Santa Cruz. 300m. Race Canario Bayo. Local name Blando. Cultivated. Seed.
487133. BOZM 8 1010. Bolivia. Latitude: 19 deg S; Longitude: 060 deg W. Collected December 02, 1977. Quijarro, Santa Cruz. 150m. Race Beni Blando. Local name Blanco Blandito. Cultivated. Seed.
487134. BOZM 4 1011. Bolivia. Latitude: 17 deg S; Longitude: 068 deg W. Collected August 30, 1978. Ayata, La Paz. 3000m. Race Paru. Local name Api Tongo. Cultivated. Seed.
487135. BOZM 3 1012. Bolivia. Latitude: 18 deg S; Longitude: 066 deg W. Collected September 19, 1978. Punilla, Cochabamba. 2900m. Race Patillo. Local name Yurak Sara. Cultivated. Seed.
487136. BOZM 3 1013. Bolivia. Cultivated. Seed.
487137. BOZM 3 1014. Bolivia. Cultivated. Seed.

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487138. BOZM 3 1015. Bolivia. Cultivated. Seed.
487139. BOZM 3 1016. Bolivia. Latitude: 17 deg S; Longitude: 067 deg W. Collected September 19, 1978. Santa Rosa, Cochabamba. 2400m. Race Kepi Siqui. Local name Aysuma. Cultivated. Seed.
487140. BOZM 3 1017. Bolivia. Latitude: 17 deg S; Longitude: 065 deg W. Collected September 19, 1978. Totora, Cochabamba. 2800m. Race Chuspillu. Local name Chuspillu. Cultivated. Seed.
487141. BOZM 3 1018. Bolivia. Latitude: 17 deg S; Longitude: 066 deg W. Collected September 19, 1978. Chunavi, Cochabamba. 2800m. Race Checchi. Local name Checchi. Cultivated. Seed.
487142. BOZM 3 1019. Bolivia. Latitude: 18 deg S; Longitude: 065 deg W. Collected December 20, 1977. Pasorapa, Cochabamba. 2880m. Race Huilicaparu. Local name Huilicaparu. Cultivated. Seed.
487143. BOZM 3 1020. Bolivia. Cultivated. Seed.
487144. BOZM 3 1021. Bolivia. Cultivated. Seed.
487145. BOZM 3 1022. Bolivia. Cultivated. Seed.
487146. BOZM 8 1023. Bolivia. Latitude: 17 deg S; Longitude: 063 deg W. Collected December 20, 1977. Saavedra, Santa Cruz. 312m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
487147. BOZM 8 1024. Bolivia. Latitude: 17 deg S; Longitude: 063 deg W. Collected December 20, 1977. Saavedra, Santa Cruz. 312m. Race Cubano Amarillo. Local name Cubano Amarillo. Cultivated. Seed.
487148. BOZM 8 1025. Bolivia. Cultivated. Seed.
487149. BOZM 8 1028. Bolivia. Cultivated. Seed.
487150. BOZM 8 1029. Bolivia. Cultivated. Seed.
487151. BOZM 8 1030. Bolivia. Cultivated. Seed.
487152. BOZM 8 1031. Bolivia. Cultivated. Seed.
487153. BOZM 8 1032. Bolivia. Cultivated. Seed.
487154. BOZM 8 1033. Bolivia. Cultivated. Seed.
487155. BOZM 8 1034. Bolivia. Cultivated. Seed.

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487156. BOZM 8 1035. Bolivia. Cultivated. Seed.
487157. BOZM 8 1036. Bolivia. Cultivated. Seed.
487158. BOZM 8 1037. Bolivia. Cultivated. Seed.
487159. BOZM 8 1038. Bolivia. Cultivated. Seed.
487160. BOZM 8 1039. Bolivia. Cultivated. Seed.
487161. BOZM 8 1040. Bolivia. Cultivated. Seed.
487162. BOZM 8 1041. Bolivia. Cultivated. Seed.
487163. BOZM 8 1042. Bolivia. Cultivated. Seed.
487164. BOZM 8 1043. Bolivia. Cultivated. Seed.
487165. BOZM 8 1044. Bolivia. Cultivated. Seed.
487166. BOZM 8 1045. Bolivia. Cultivated. Seed.
487167. BOZM 8 1046. Bolivia. Cultivated. Seed.
487168. BOZM 8 1047. Bolivia. Cultivated. Seed.
487169. BOZM 8 1048. Bolivia. Cultivated. Seed.
487170. BOZM 8 1049. Bolivia. Cultivated. Seed.
487171. BOZM 8 1050. Bolivia. Cultivated. Seed.
487172. BOZM 8 1051. Bolivia. Cultivated. Seed.
487173. BOZM 8 1052. Bolivia. Cultivated. Seed.
487174. BOZM 8 1053. Bolivia. Cultivated. Seed.
487175. BOZM 8 1054. Bolivia. Cultivated. Seed.
487176. BOZM 8 1055. Bolivia. Cultivated. Seed.
487177. BOZM 8 1056. Bolivia. Cultivated. Seed.
487178. BOZM 8 1057. Bolivia. Cultivated. Seed.
487179. BOZM 8 1058. Bolivia. Cultivated. Seed.
487180. BOZM 8 1059. Bolivia. Cultivated. Seed.
487181. BOZM 8 1060. Bolivia. Cultivated. Seed.

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- 487182. BOZM 8 1061. Bolivia. Cultivated. Seed.
- 487183. BOZM 8 1062. Bolivia. Cultivated. Seed.
- 487184. BOZM 8 1063. Bolivia. Cultivated. Seed.
- 487185. BOZM 8 1064. Bolivia. Cultivated. Seed.
- 487186. BOZM 8 1065. Bolivia. Cultivated. Seed.
- 487187. BOZM 8 1066. Bolivia. Cultivated. Seed.
- 487188. BOZM 8 1068. Bolivia. Cultivated. Seed.
- 487189. BOZM 8 1069. Bolivia. Cultivated. Seed.
- 487190. BOZM 8 1070. Bolivia. Cultivated. Seed.
- 487191. BOZM 8 1071. Bolivia. Cultivated. Seed.

487192 TO 487193. *Zea mays* L. (Poaceae) Popcorn.

From Bolivia. Donated by Centro de Investigaciones Fitotécnicas y Ecogenéticas de Pairumani; Cochabamba. Received through IBPGR, Rome, Italy.
Received November 1983.

- 487192. BOZM 2 0164. Bolivia. Latitude: 19 deg S; Longitude: 065 deg W. Collected September 17, 1977. Alfarito Canto, Chuquisaca. 2620m. Local name Perico. Cultivated. Seed.
- 487193. BOZM 1 0842. Brazil. Collected September 03, 1978. Brasil. Face Paru. Cultivated. Seed.

487194. *Helianthus annuus* L. (Asteraceae) Sunflower.

From Italy. Donated by Facolta di Agraria, Università di Bari; Bari. Received through W.W. Roath, Lusaka, Zambia.
Received October 1983.

'Egnazia'. Italy. Early maturing, high oil type.
Cultivar. Seed.

487195. *Oryza sativa* L. (Poaceae) Rice.

From United States. Donated by Kuenzel, K.A.; Rice Research and Extension Center, University of Arkansas; Stuttgart, Arkansas.
Received April 1984.

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RU7801011. 'Tebonnet'. United States. Bonnet 73/CI9841. Very short season, high yield, long grain type. Plants erect, slightly taller than Labelle and Lebonnet, but greater straw strength. Slightly more tolerant to sheath blight than Bond, Labelle or Lebonnet. Susceptible to straighthead, requiring special water management. Reacts similarly to common rice blast races as Bond, Labelle and Lebonnet. Cultivar. Seed.

487196 TO 487198. *Aegilops columnaris* Zhuk. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487196. SY 20155. Syria. ICARDA, Aleppo. 400046. Latitude: 36 deg 10 m N; Longitude: 036 deg 50 m E. Collected June 1980. Aleppo Province. 450m. Wild. Seed.

487197. SY 20162. Syria. ICARDA, Aleppo. 400053. Latitude: 36 deg 15 m N; Longitude: 036 deg 33 m E. Collected June 1980. Idlib Province. 540m. Wild. Seed.

487198. SY 20179. Syria. ICARDA, Aleppo. 400070. Latitude: 36 deg 12 m N; Longitude: 036 deg 48 m E. Collected June 1980. Aleppo, Province. 460m. Wild. Seed.

487199. *Aegilops hybrid* (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

SY 20193. Syria. ICARDA, Aleppo. 400083. Latitude: 37 deg N; Longitude: 036 deg 41 m E. Hybrid-A. *triaristata*/A. *ovata*. Collected July 1980. Aleppo, Province. 600m. Wild. Seed.

487200 TO 487204. *Aegilops kotschy* Boiss. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

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487200. SY 20193. Syria. ICARDA, Aleppo. 400030. Latitude: 36 deg 07 m N; Longitude: 037 deg 27 m E. Collected June 1980. Aleppo, Province. 350m. Wild. Seed.
487201. SY 20144. Syria. ICARDA, Aleppo. 400035. Latitude: 35 deg 50 m N; Longitude: 037 deg 34 m E. Collected May 1980. Aleppo, Province. 350m. Wild. Seed.
487202. SY 20160. Syria. ICARDA, Aleppo. 400051. Latitude: 36 deg 14 m N; Longitude: 036 deg 36 m E. Collected June 1980. Aleppo, Province. 550m. Wild. Seed.
487203. SY 20174. Syria. ICARDA, Aleppo. 400065. Latitude: 35 deg 57 m N; Longitude: 036 deg 34 m E. Collected June 1980. Idlib Province. 370m. Wild. Seed.
487204. SY 20175. Syria. ICARDA, Aleppo. 400066. Latitude: 36 deg 07 m N; Longitude: 036 deg 30 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.

487205 TO 487218. *Aegilops lorentii* Hochst. (Poaceae) Goatgrass.

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487205. SY 20118. Syria. ICARDA, Aleppo. 400020. Latitude: 33 deg 46 m N; Longitude: 036 deg 07 m E. Collected June 1980. Damascus Province. 1630m. Wild. Seed.
487206. SY 20134. Syria. ICARDA, Aleppo. 400026. Latitude: 33 deg 40 m N; Longitude: 036 deg 02 m E. Collected June 1980. Damascus Province. 1180m. Wild. Seed.
487207. SY 20136. Syria. ICARDA, Aleppo. 400027. Latitude: 33 deg 50 m N; Longitude: 036 deg 12 m E. Collected June 1980. Damascus Province. 1400m. Wild. Seed.
487208. SY 20137. Syria. ICARDA, Aleppo. 400028. Latitude: 36 deg 13 m N; Longitude: 037 deg 05 m E. Collected May 1980. Aleppo Province. 300m. Wild. Seed.
487209. SY 20142. Syria. ICARDA, Aleppo. 400033. Latitude: 35 deg 50 m N; Longitude: 037 deg 34 m E. Collected June 1980. Aleppo Province. 350m. Wild. Seed.
487210. SY 20148. Syria. ICARDA, Aleppo. 400039. Latitude: 36 deg 45 m N; Longitude: 038 deg E. Collected June 1980. Aleppo Province. 300m. Wild. Seed.

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487211. SY 20152. Syria. ICARDA, Aleppo. 400043. Latitude: 36 deg 30 m ; Longitude: 037 deg E. Collected June 1980. Aleppo Province. 400m. Wild. Seed.
487212. SY 20156. Syria. ICARDA, Aleppo. 400047. Latitude: 36 deg 10 m N; Longitude: 036 deg 50 m E. Collected June 1980. Aleppo Province. 450m. Wild. Seed.
487213. SY 20159. Syria. ICARDA, Aleppo. 400050. Latitude: 36 deg 14 m N; Longitude: 036 deg 37 m E. Collected June 1980. Aleppo Province. 550m. Wild. Seed.
487214. SY 20168. Syria. ICARDA, Aleppo. 400059. Latitude: 36 deg 14 m N; Longitude: 036 deg 33 m E. Collected June 1980. Idlib Province. 500m. Wild. Seed.
487215. SY 20169. Syria. ICARDA, Aleppo. 400060. Latitude: 36 deg 06 m N; Longitude: 036 deg 53 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.
487216. SY 20176. Syria. ICARDA, Aleppo. 400067. Latitude: 36 deg 07 m N; Longitude: 036 deg 30 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.
487217. SY 20180. Syria. ICARDA, Aleppo. 400071. Latitude: 36 deg 12 m N; Longitude: 036 deg 48 m E. Collected June 1980. Aleppo Province. 460m. Wild. Seed.
487218. SY 20192. Syria. ICARDA, Aleppo. 400082. Latitude: 37 deg N; Longitude: 036 deg 41 m E. Collected July 1980. Aleppo Province. 600m. Wild. Seed.

487219. *Aegilops neglecta* Req. ex Bertol. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

SY 20140. Syria. ICARDA, Aleppo. 400031. Latitude: 36 deg 15 m N; Longitude: 036 deg 49 m E. Collected May 1980. Aleppo Province. 300m. Received as *A. triaristata*. Wild. Seed.

487220 TO 487229. *Aegilops ovata* L. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA,

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Aleppo, Syria.

Received September 1983.

487220. SY 20150. Syria. ICARDA, Aleppo. 400041. Latitude: 36 deg 45 m N; Longitude: 038 deg E. Collected June 1980. Aleppo Province. 300m. Wild. Seed.
487221. SY 20153. Syria. ICARDA, Aleppo. 400044. Latitude: 36 deg 30 m N; Longitude: 037 deg E. Collected June 1980. Aleppo Province. 400m. Wild. Seed.
487222. SY 20154. Syria. ICARDA, Aleppo. 400045. Latitude: 36 deg 10 m N; Longitude: 036 deg 50 m E. Collected June 1980. Aleppo Province. 450m. Wild. Seed.
487223. SY 20170. Syria. ICARDA, Aleppo. 400061. Latitude: 36 deg 06 m N; Longitude: 036 deg 53 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.
487224. SY 20171. Syria. ICARDA, Aleppo. 400062. Latitude: 36 deg N; Longitude: 036 deg 47 m E. Collected June 1980. Idlib Province. 350m. Wild. Seed.
487225. SY 20173. Syria. ICARDA, Aleppo. 400064. Latitude: 35 deg 57 m N; Longitude: 036 deg 34 m E. Collected June 1980. Idlib Province. 370m. Wild. Seed.
487226. SY 20177. Syria. ICARDA, Aleppo. 400068. Latitude: 36 deg 07 m N; Longitude: 036 deg 30 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.
487227. SY 20181. Syria. ICARDA, Aleppo. 400072. Latitude: 36 deg 12 m N; Longitude: 036 deg 48 m E. Collected June 1980. Aleppo Province. 460m. Wild. Seed.
487228. SY 20191. Syria. ICARDA, Aleppo. 400081. Latitude: 36 deg 13 m N; Longitude: 037 deg 07 m E. Collected June 1980. Aleppo Province. 320m. Wild. Seed.
487229. SY 20204. Syria. ICARDA, Aleppo. 400094. Latitude: 35 deg 07 m N; Longitude: 036 deg 07 m E. Collected July 1980. Tartus Province. 600m. Wild. Seed.

487230. *Aegilops* sp. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

SY 20178. Syria. ICARDA, Aleppo. 400078. Latitude: 36

487230-continued

deg 13 m N; Longitude: 037 deg 07 m E. Collected June 1980. Aleppo Province. 320m. Mixture of *A. lorentil* and *A. sp.* Annual. Wild. Seed.

487231 TO 487238. *Aegilops speltoides* Tausch (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

- 487231. SY 20157. Syria. ICARDA, Aleppo. 400048. Latitude: 36 deg 10 m N; Longitude: 036 deg 50 m E. Collected June 1980. Aleppo Province. 450m. Wild. Seed.
- 487232. SY 20167. Syria. ICARDA, Aleppo. 400058. Latitude: 36 deg 14 m N; Longitude: 036 deg 33 m E. Collected June 1980. Idlib Province. 500m. Wild. Seed.
- 487233. SY 20195. Syria. ICARDA, Aleppo. 400085. Latitude: 37 deg N; Longitude: 036 deg 41 m E. Collected July 1980. Aleppo Province. 600m. Wild. Seed.
- 487234. SY 20196. Syria. ICARDA, Aleppo. 400086. Latitude: 36 deg 19 m N; Longitude: 037 deg 05 m E. Collected July 1980. Aleppo Province. 300m. Wild. Seed.
- 487235. SY 20200. Syria. ICARDA, Aleppo. 400090. Latitude: 35 deg 40 m N; Longitude: 035 deg 52 m E. Collected July 1980. Latakia Province. 200m. Wild. Seed.
- 487236. SY 20201. Syria. ICARDA, Aleppo. 400091. Latitude: 35 deg 52 m N; Longitude: 035 deg 52 m E. Collected July 1980. Latakia Province. 100m. Wild. Seed.
- 487237. SY 20202. Syria. ICARDA, Aleppo. 400092. Latitude: 35 deg 53 m N; Longitude: 035 deg 48 m E. Collected July 1980. Latakia Province. 80m. Wild. Seed.
- 487238. SY 20203. Syria. ICARDA, Aleppo. 400093. Latitude: 35 deg 07 m N; Longitude: 036 deg 07 m E. Collected July 1980. Tartus Province. 600m. Wild. Seed.

487239 TO 487246. *Aegilops triuncialis* L. (Poaceae) Barb goatgrass.

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487239 TO 487246-continued

487239. SY 20149. Syria. ICARDA, Aleppo. 400040. Latitude: 36 deg 45 m N; Longitude: 038 deg E. Collected June 1980. Aleppo Province. 300m. Wild. Seed.
487240. SY 20151. Syria. ICARDA, Aleppo. 400042. Latitude: 36 deg 30 m N; Longitude: 037 deg E. Collected June 1980. Aleppo Province. 400m. Wild. Seed.
487241. SY 20161. Syria. ICARDA, Aleppo. 400052. Latitude: 36 deg 14 m N; Longitude: 036 deg 36 m E. Collected June 1980. Aleppo Province. 550m. Wild. Seed.
487242. SY 20165. Syria. ICARDA, Aleppo. 400056. Latitude: 36 deg 16 m N; Longitude: 036 deg 32 m E. Collected June 1980. Idlib Province. 540m. Wild. Seed.
487243. SY 20166. Syria. ICARDA, Aleppo. 400057. Latitude: 36 deg 14 m N; Longitude: 036 deg 33 m E. Collected June 1980. Idlib Province. 500m. Wild. Seed.
487244. SY 20178. Syria. ICARDA, Aleppo. 400069. Latitude: 36 deg 07 m N; Longitude: 036 deg 30 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.
487245. SY 20194. Syria. ICARDA, Aleppo. 400084. Latitude: 37 deg N; Longitude: 036 deg 41 m E. Collected July 1980. Aleppo Province. 600m. Wild. Seed.
487246. SY 20199. Syria. ICARDA, Aleppo. 400089. Latitude: 36 deg 33 m N; Longitude: 036 deg 52 m E. Collected July 1980. Aleppo Province. 350m. Wild. Seed.

487247. *Aegilops umbellulata* Zhuk. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

SY 20183. Syria. ICARDA, Aleppo. 400074. Latitude: 36 deg 12 m N; Longitude: 036 deg 48 m E. Collected June 1980. Aleppo Province. 460m. Wild. Seed.

487248. *Hordeum bulbosum* L. (Poaceae) Bulbous barley.

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.

487248-continued

Received September 1983.

Syria. ICARDA, Aleppo. Wild. Seed.

487249 TO 487250. *Triticum boeoticum* Boiss. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.

Received September 1983.

487249. SY 20034. Syria. ICARDA, Aleppo. 400007. Latitude: 37 deg 14 n N; Longitude: 042 deg 08 n E. Collected June 1980. Haseke Province. 500m. Wild. Seed.

487250. SY 20050. Syria. ICARDA, Aleppo. 400010. Latitude: 37 deg 05 n N; Longitude: 040 deg 45 n E. Collected June 1980. Haseke Province. 540m. Wild. Seed.

487251 TO 487264. *Triticum dicoccoides* (Koern. ex Asch. & Graebn.) Aaronsohn (Poaceae) Wild emmer.

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.

Received September 1983.

487251. SY 20013. Syria. ICARDA, Aleppo. 400002. Latitude: 32 deg 32 n N; Longitude: 036 deg 42 n E. Collected June 1980. Es Suweida (Soud). 920m. Seed.

487252. SY 20017. Syria. ICARDA, Aleppo. 400004. Latitude: 32 deg 28 n N; Longitude: 036 deg 47 n E. Collected June 1980. Es Suweida (Soud). 1180m. Wild. Seed.

487253. SY 20021. Syria. ICARDA, Aleppo. 400005. Latitude: 32 deg 48 n N; Longitude: 036 deg 07 n E. Collected June 1980. Der'a Province. 490m. Wild. Seed.

487254. SY 20085. Syria. ICARDA, Aleppo. 400014. Latitude: 32 deg 50 n N; Longitude: 036 deg 02 n E. Collected June 1980. Der'a Province. Wild. Seed.

487255. SY 20089. Syria. ICARDA, Aleppo. 400015. Latitude: 33 deg 45 n N; Longitude: 036 deg 05 n E. Collected June 1980. Damascus Province. 1240m. Wild. Seed.

487256. SY 20090. Syria. ICARDA, Aleppo. 400016. Latitude: 33 deg 44 n N; Longitude: 036 deg 04 n E. Collected June

487251 TO 487264-continued

1980. Damascus Province. 1160m. Wild. Seed.
487257. SY 20096. Syria. ICARDA, Aleppo. 400017. Latitude: 33 deg 40 m N; Longitude: 036 deg 02 m E. Collected June 1980. Damascus Province. 1180m. Wild. Seed.
487258. SY 20101. Syria. ICARDA, Aleppo. 400018. Latitude: 32 deg 46 m N; Longitude: 036 deg 06 m E. Collected June 1980. Damascus Province. 1390m. Wild. Seed.
487259. SY 20110. Syria. ICARDA, Aleppo. 400019. Latitude: 33 deg 37 m N; Longitude: 036 deg 02 m E. Collected June 1980. Damascus Province. 1200m. Wild. Seed.
487260. SY 20121. Syria. ICARDA, Aleppo. 400021. Latitude: 32 deg 42 m N; Longitude: 036 deg 47 m E. Collected June 1980. Es Suweida (Soud). 1530m. Wild. Seed.
487261. SY 20122. Syria. ICARDA, Aleppo. 400022. Latitude: 32 deg 38 m N; Longitude: 036 deg 46 m E. Collected June 1980. Es Suweida (Soud). 1450m. Wild. Seed.
487262. SY 20124. Syria. ICARDA, Aleppo. 400024. Latitude: 33 deg 40 m N; Longitude: 036 deg 02 m E. Collected June 1980. Damascus Province. 1300m. Wild. Seed.
487263. SY 20184. Syria. ICARDA, Aleppo. 400075. Latitude: 36 deg 12 m N; Longitude: 036 deg 48 m E. Collected June 1980. Aleppo Province. 460m. Wild. Seed.
487264. SY 20198. Syria. ICARDA, Aleppo. 400088. Latitude: 36 deg 30 m N; Longitude: 037 deg E. Collected July 1980. Aleppo Province. 350m. Wild. Seed.

487265 TO 487272. *Triticum urartu* Thumb. ex Gandil. (Poaceae).

From Syria. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; and Plant Genetic Resources Unit; Rome, Italy; and Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487265. SY 20033. Syria. ICARDA, Aleppo. 400006. Latitude: 37 deg 02 m N; Longitude: 041 deg 58 m E. Collected June 1980. Haseke Province. 470m. Wild. Seed.
487266. SY 20047. Syria. ICARDA, Aleppo. 400008. Latitude: 37 deg 04 m N; Longitude: 040 deg 40 m E. Collected June 1980. Haseke Province. 520m. Wild. Seed.
487267. SY 20049. Syria. ICARDA, Aleppo. 400009. Latitude: 37 deg 05 m N; Longitude: 040 deg 45 m E. Collected June

487265 TO 487272-continued

1980. Haseke Province. 540m. Wild. Seed.
487268. SY 20054. Syria. ICARDA, Aleppo. 400011. Latitude: 37 deg 06 m N; Longitude: 042 deg 07 m E. Collected June 1980. Haseke Province. 520m. Wild. Seed.
487269. SY 20123. Syria. ICARDA, Aleppo. 400023. Latitude: 32 deg 38 m N; Longitude: 036 deg 46 m E. Collected June 1980. Es Suweide (Soud). 1450m. Wild. Seed.
487270. SY 20125. Syria. ICARDA, Aleppo. 400025. Latitude: 33 deg 40 m N; Longitude: 036 deg 02 m E. Collected June 1980. Damacus Province. 1300m. Wild. Seed.
487271. SY 20177. Syria. ICARDA, Aleppo. 400068. Latitude: 36 deg 07 m N; Longitude: 036 deg 30 m E. Collected June 1980. Idlib Province. 400m. Wild. Seed.
487272. SY 20197. Syria. ICARDA, Aleppo. 400087. Latitude: 36 deg 30 m N; Longitude: 037 deg E. Collected July 1980. Aleppo Province. 350m. Wild. Seed.

487273 TO 487281. *Aegilops kotschy* Boiss. (Poaceae).

From Jordan. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487273. SY 20215. Jordan. ICARDA, Aleppo, Syria. 400105. Latitude: 32 deg 41 m N; Longitude: 035 deg 45 m E. Collected May 1981. Irbid Province. 500m. Wild. Seed.
487274. SY 20216. Jordan. ICARDA, Aleppo, Syria. 400106. Latitude: 32 deg 38 m N; Longitude: 035 deg 42 m E. Collected May 1981. Irbid Province. 400m. Wild. Seed.
487275. SY 20221. Jordan. ICARDA, Aleppo, Syria. 400111. Latitude: 32 deg 27 m N; Longitude: 035 deg 48 m E. Collected May 1981. Irbid Province. 900m. Wild. Seed.
487276. SY 20224. Jordan. ICARDA, Aleppo, Syria. 400114. Latitude: 32 deg 20 m N; Longitude: 035 deg 46 m E. Collected May 1981. Irbid Province. 1000m. Wild. Seed.
487277. SY 20229. Jordan. ICARDA, Aleppo, Syria. 400119. Latitude: 32 deg 03 m N; Longitude: 035 deg 47 m E. Collected May 1981. Balqa Province. 1000m. Wild. Seed.
487278. SY 20240. Jordan. ICARDA, Aleppo, Syria. 400130. Latitude: 31 deg 22 m N; Longitude: 035 deg 42 m E.

487273 TO 487281-continued

- Collected May 1981. Kerak Province. 1000m. Wild. Seed.
487279. SY 20245. Jordan. ICARDA, Aleppo, Syria. 400135.
Latitude: 31 deg 42 m N; Longitude: 035 deg 58 m E.
Collected May 1981. Amman Province. 1000m. Wild. Seed.
487280. SY 20260. Jordan. ICARDA, Aleppo, Syria. 400150.
Latitude: 30 deg 10 m N; Longitude: 035 deg 34 m E.
Collected May 1981. Ma'an Province. 1300m. Wild. Seed.
487281. SY 20261. Jordan. ICARDA, Aleppo, Syria. 400151.
Latitude: 30 deg 10 m N; Longitude: 035 deg 30 m E.
Collected May 1981. Ma'an Province. 1600m. Wild. Seed.

487282 TO 487283. *Aegilops ovata* L. (Poaceae).

From Jordan. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487282. SY 20222. Jordan. ICARDA, Aleppo, Syria. 400112.
Latitude: 32 deg 27 m N; Longitude: 035 deg 48 m E.
Collected May 1981. Irbid Province. 900m. Wild. Seed.
487283. SY 20234. Jordan. ICARDA, Aleppo, Syria. 400124.
Latitude: 32 deg 06 m N; Longitude: 035 deg 42 m E.
Collected May 1981. Balqa Province. 800m. Wild. Seed.

487284. *Aegilops searsii* M. Fieldman & M. Kislev (Poaceae).

From Jordan. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

- SY 20238. Jordan. ICARDA, Aleppo, Syria. 400128.
Latitude: 32 deg 22 m N; Longitude: 035 deg 42 m E.
Collected May 1981. Kerak Province. 1000m. Wild. Seed.

487285 TO 487286. *Aegilops vavilovii* (Zhuk.) Chennav. (Poaceae).

From Jordan. Collected by Whitcombe, J.E.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through ICARDA, Aleppo, Syria.
Received September 1983.

487285 TO 487286-continued

487285. SY 20225. Jordan. ICARDA, Aleppo, Syria. 400115.
Latitude: 32 deg 06 m N; Longitude: 036 deg 10 m E.
Collected May 1981. Amman Province. 600m. Wild. Seed.

487286. SY 20253. Jordan. ICARDA, Aleppo, Syria. 400143.
Latitude: 30 deg 42 m N; Longitude: 035 deg 54 m E.
Collected May 1981. Kerak Province. 850m. Wild. Seed.

487287 TO 487289. *Triticum aestivum* L. (Poaceae) Common wheat.

From Jordan. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through International Board for Plant Genetic Resources (IBPGR), Rome, Italy. Received September 1983.

487287. SY 266. Jordan. Latitude: 32 deg 32 m N; Longitude: 035 deg 36 m E. Collected May 1981. North 16km from junction of Dier Alla and Dier Abu Said, Irbid Province. 200m. Annual. Cultivated. Seed.

487288. SY 267. Jordan. Latitude: 32 deg 25 m N; Longitude: 035 deg 45 m E. Collected May 1981. Kufur Awan, 16km S of Dier Abu Said, Irbid Province. 400m. Annual. Cultivated. Seed.

487289. SY 271. Jordan. Latitude: 29 deg 43 m N; Longitude: 035 deg 25 m E. Collected June 1981. Wadi Ram railway station, Ma'an Province. 800m. Annual. Cultivated. Seed.

487290 TO 487292. *Triticum durum* Desf. (Poaceae) Durum wheat.

From Jordan. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through International Board for Plant Genetic Resources (IBPGR), Rome, Italy. Received September 1983.

487290. SY 265. Jordan. Latitude: 32 deg 42 m N; Longitude: 035 deg 52 m E. Collected May 1981. North 14km from junction to Irbid/Adasiya, on road to Yarmouk, Irbid Prov. 450m. Annual. Cultivated. Seed.

487291. SY 268. Jordan. Latitude: 32 deg 25 m N; Longitude: 035 deg 45 m E. Collected May 1981. Kufur Awan, 16km S of Dier Abu Said, Irbid Province. 400m. Annual. Cultivated. Seed.

487292. SY 270. Jordan. Latitude: 31 deg N; Longitude: 035 deg 45 m E. Collected May 1981. South 24km from Kerak after Mazar, Kerak Province. 1250m. Annual. Cultivated. Seed.

487293. *Triticum* sp. (Poaceae).

From Jordan. Collected by Whitcombe, J.R.; Bourgois, J.-J; and Rifaie, R.; IBPGR; Plant Genetic Resources Unit; Rome, Italy; Douma, Syria. Received through International Board for Plant Genetic Resources (IBPGR), Rome, Italy. Received September 1983.

SY 272. Jordan. Latitude: 29 deg 55 m N; Longitude: 035 deg 29 m E. Collected June 1981. Northeast 85km of Aoaba, Ma'an Province. 1000m. Annual. Cultivated. Seed.

487294. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Bruns, C.; North American Plant Breeders, Inc.; Berthoud, Colorado. Received May 1984.

SW74-08A-39-3. SR-49. United States. Olesen/Lewis//W504. Soft red type. Plants medium tall, good straw strength, early maturity. Head strap-shaped to tapering, middense, awned, white. Seeds ovate. Milling and baking qualities good. Moderately resistant to Rhizoctonia, wheat spindle streak mosaic virus and Septoria. Resistant to field races of leaf rust. Moderately susceptible to powdery mildew. Well-adapted to the northern soft red winter wheat region. Winter Annual. Cultivar. Seed.

487295 TO 487312. *Avena sativa* L. (Poaceae) Common oat.

From United States. Donated by Sechler, D.; Department of Agronomy, University of Missouri; Columbia, Missouri. Received April 1984.

487295. 6179. United States. Clinton//H. Culb/Pioneer/2/Ky 64-10643. Winter Annual. Breeding Material. Seed.

487296. 6311. United States. Wintock//Clinton/H. Culb/2/Compact. Winter Annual. Breeding Material. Seed.

487297. 6312. United States. Wintock//Clinton/H. Culb/2/Compact. Winter Annual. Breeding Material. Seed.

487298. 6727. United States. Dubois/H. Culb//Ky 64-10643. Winter Annual. Breeding Material. Seed.

487299. 6728. United States. Dubois/H. Culb//Ky 64-10643. Winter Annual. Breeding Material. Seed.

487300. 6865. United States. Wintock//Clinton/H. Culb/2/Compact. Winter Annual. Breeding Material. Seed.

487295 TO 487312-continued

487301. 6881. United States. Fla 62-671//Dubois/New York Sel. Winter Annual. Breeding Material. Seed.
487302. 6990. United States. Pettis//Fla 62-671. Winter Annual. Breeding Material. Seed.
487303. 6993. United States. Pettis/2/8249/0-Curt/Ketra Ndy. Winter Annual. Breeding Material. Seed.
487304. 6995. United States. Ndy/7359//Pettis/Fla 500. Winter Annual. Breeding Material. Seed.
487305. 7012. United States. C17489/Ky 64-10643. Winter Annual. Breeding Material. Seed.
487306. 7015. United States. C18310/Fla 500. Winter Annual. Breeding Material. Seed.
487307. 7023. United States. Fla 62-671/2/Clinton/H. Culb/
/Pioneer. Winter Annual. Breeding Material. Seed.
487308. 7192. United States. Fla 62-671/2/Clinton/H. Culb/
/Pioneer. Winter Annual. Breeding Material. Seed.
487309. 7194. United States. CI8310/Minn Agron 27. Winter Annual. Breeding Material. Seed.
487310. 7198. United States. 4*LeConte/Dubois/3/Clinton/H. Culb/
2/Pioneer/4/Ky 64-10643. Winter Annual. Breeding Material. Seed.
487311. 7200. United States. 4*LeConte/Dubois//Elan. Winter Annual. Breeding Material. Seed.
487312. 7201. United States. Pedigree is Cim//Haj/Joanette/2/
Clinton/3/Santa Fe/4/Compact/6/Pettis/5/Orbit. Winter Annual. Breeding Material. Seed.

487313 TO 487360. *Medicago disciformis* DC. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.F. Baughan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, Univ. of Alberta. Received September 1983.

487313. 69. Portugal. Botanical garden, Coimbra. Chromosome number $2n=16$. Annual. Wild. Seed.

487313 TO 487360-continued

487314. 70. Portugal. Botanical garden, Coimbra. Chromosome number $2n=16$. Annual. Wild. Seed.
487315. 72. France. Botanic garden, Montpellier. Chromosome number $2n=16$. Annual. Wild. Seed.
487316. 73. Bulgaria. Village of Pripecine, southern Bulgaria. Chromosome number $2n=16$. Annual. Wild. Seed.
487317. 74. Bulgaria. Near Black Sea, eastern Bulgaria. Chromosome number $2n=16$. Annual. Wild. Seed.
487318. 925. Greece. Mt. Lycabettus, Athens. Annual. Wild. Seed.
487319. 926. Greece. Mt. Lycabettus, Athens. Annual. Wild. Seed.
487320. 932. Greece. Acropol, Athens. Annual. Wild. Seed.
487321. 947. Greece. Korinthos. Annual. Wild. Seed.
487322. 974. Italy. Naples. Chromosome number $2n=16$. Annual. Wild. Seed.
487323. 1106. Greece. On way to Nikolaos, 9km from Iraklion (Candia), Crete. Annual. Wild. Seed.
487324. 1116. Greece. Twenty-four km from Iraklion, Crete. Annual. Wild. Seed.
487325. 1117. Greece. Twenty-four km from Iraklion, Crete. Annual. Wild. Seed.
487326. 1119. Greece. West, 29km of Nikolaos, Crete. Annual. Wild. Seed.
487327. 1155. Greece. Around Nikolaos, Crete. Annual. Wild. Seed.
487328. 1203. Greece. K. Goulimis property near Kifissia, Athens. Annual. Wild. Seed.
487329. 1239. Greece. Pine woods, 44km from Rhodes, Rhodes Island. Annual. Wild. Seed.
487330. 1244. Greece. On way to Archangelos, 1 km from Kolimbia. Annual. Wild. Seed.
487331. 1252. Annual. Wild. Seed.
487332. 1255. Cyprus. Before Kythrea from Nicosia. Annual. Wild. Seed.
487333. 1259. Cyprus. Near Kythrea. Annual. Wild. Seed.

487313 TO 487360-continued

487334. 1269. Cyprus. Kythrea. Annual. Wild. Seed.
487335. 1272. Cyprus. Cape Andreas before Andreas Monastery. Annual. Wild. Seed.
487336. 1275. Cyprus. Cape Andreas before Andreas Monastery. Annual. Wild. Seed.
487337. 1282. Cyprus. Between Nicosia and Peristerone. Annual. Wild. Seed.
487338. 1287. Cyprus. Between Nicosia and Peristerone. Annual. Wild. Seed.
487339. 1301. Cyprus. Between Leskonikō and Boghaz. Annual. Wild. Seed.
487340. 1450. Greece. West 30km of Drama Alstrachii. Annual. Wild. Seed.
487341. 1454. Greece. Krindes-Filipon. Annual. Wild. Seed.
487342. 1467. Greece. East 6km of Kavala. Annual. Wild. Seed.
487343. 1488. Greece. On the sea shore. Annual. Wild. Seed.
487344. 1493. Greece. Ghalipsos. Annual. Wild. Seed.
487345. 1697. Italy. Sulmona. Annual. Wild. Seed.
487346. 1706. Italy. At flood gate of water fall near Sulmona. Annual. Wild. Seed.
487347. 1849. Greece. Crete. Annual. Wild. Seed.
487348. 1891. Annual. Wild. Seed.
487349. 1956. Czechoslovakia. Annual. Wild. Seed.
487350. 2172. Italy. Potenza-Atena Lucaria-Lagonegro. Annual. Wild. Seed.
487351. 2337. Greece. Sea beach at Karpathos, Karpathos Island. Annual. Wild. Seed.
487352. 2340. Greece. Slope of mountain, Karpathos Island. Annual. Wild. Seed.
487353. 2352. Greece. At Arkassa and Finiki on way to Piles. Annual. Wild. Seed.
487354. 2358. Greece. Hillside at Messohari. Annual. Wild. Seed.

487313 TO 487360-continued

- 487355. 2361. Greece. St. George. Annual. Wild. Seed.
- 487356. 2365. Greece. Marathon at Aghios Petros. Annual. Wild. Seed.
- 487357. 2375. Greece. On way up to Mt. Colla, Karpathos Island. Annual. Wild. Seed.
- 487358. 2376. Greece. Roadside, Voladha Lastos, Karpathos Island. Annual. Wild. Seed.
- 487359. 2381. Greece. Near turn to Mt. Colla, Karpathos Island. Annual. Wild. Seed.
- 487360. 2397. Greece. Mt. Colla, Karpathos Island. Annual. Wild. Seed.

487361 TO 487387. *Medicago rugosa* Desr. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Baughan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, Univ. of Alberta.
Received September 1983.

- 487361. 371. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487362. 501. Portugal. Botanical Garden. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487363. 502. Portugal. Botanical Garden. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487364. 795. Italy. Piana degli Albaresi. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487365. 936. Greece. Acropolis, Athens. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487366. 1081. Italy. Between Pulnam and Teulada. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487367. 1082. Italy. Between Pulnam and Teulada. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487368. 1092. Italy. Before Quartu S. Elena, Sardinia. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487369. 1095. Italy. Flumini-Quartu S. Elena. Chromosome number

487361 TO 487387-continued

- 2n=30. Annual. Wild. Seed.
487370. 1211. Greece. Halfway to Petatoides, Rhodes. Chromosome number 2n=30. Annual. Wild. Seed.
487371. 1221. Greece. On way to Kamiros, 21-22km from Rhodes. Chromosome number 2n=30. Annual. Wild. Seed.
487372. 1231. Greece. Old city in Kamiros. Chromosome number 2n=30. Annual. Wild. Seed.
487373. 1243. Greece. Kolimbia, Rhodes. Chromosome number 2n=30. Annual. Wild. Seed.
487374. 1362. Lebanon. Beirut. Chromosome number 2n=30. Annual. Wild. Seed.
487375. 1390. Lebanon. Khalidi. Chromosome number 2n=30. Annual. Wild. Seed.
487376. 1416. Lebanon. Ghazir. Chromosome number 2n=30. Annual. Wild. Seed.
487377. 1601. Spain. Botanical Garden, Madrid. Chromosome number 2n=30. Annual. Wild. Seed.
487378. 1861. Chromosome number 2n=30. Annual. Wild. Seed.
487379. 2049. Italy. Palermo, Sicily. Chromosome number 2n=30. Annual. Wild. Seed.
487380. 2059. Malta. Argotti Botanic Garden. Chromosome number 2n=30. Annual. Wild. Seed.
487381. 2079. Malta. Kalafrana. Chromosome number 2n=30. Annual. Wild. Seed.
487382. 2117. Italy. Perschici, 5km to Rodi, Gargano. Chromosome number 2n=30. Annual. Wild. Seed.
487383. 2144. Italy. Pantelleria. Chromosome number 2n=30. Annual. Wild. Seed.
487384. 2165. Malta. Dingli. Chromosome number 2n=30. Annual. Wild. Seed.
487385. 2380. Greece. Roadside between Voladha and Lastos, Karpathos. Chromosome number 2n=30. Annual. Wild. Seed.
487386. 2441. Tunisia. Ruins of Basilique Saint Cyprien sea shore. Chromosome number 2n=30. Annual. Wild. Seed.
487387. 2463. Tunisia. Ruins, Maktar. Chromosome number 2n=30.

487361 TO 487387-continued
Annual. Wild. Seed.

487388 TO 487412. *Medicago scutellata* (L.) Mill. (Fabaceae) Snail
medic.

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic
Gardens, University of Alberta; Edmonton, Alberta.
Received through G.P. Baughan, Field Crops Laboratory,
USDA-ARS, Beltsville, MD. Code numbers refer to
designations by K.A. Lesins, Dept. of Plant Science, Univ.
of Alberta.

Received September 1983.

- 487388. 540. Portugal. Botanical garden, Coimbra. Chromosome
number $2n=30$. Annual. Wild. Seed.
- 487389. 541. Czechoslovakia. Botanical garden, Zahroda Kosice.
Chromosome number $2n=30$. Annual. Wild. Seed.
- 487390. 542. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487391. 543. Portugal. Botanical garden, Coimbra. Chromosome
number $2n=30$. Annual. Wild. Seed.
- 487392. 544. Sweden. Botanical garden, Uppsala. Chromosome
number $2n=30$. Annual. Wild. Seed.
- 487393. 545. Cyprus. Limassol. Chromosome number $2n=30$. Annual.
Wild. Seed.
- 487394. 546. Germany, Federal Rep of. Botanical garden, Berlin-
Dahlem. Chromosome number $2n=30$. Annual. Wild. Seed.
- 487395. 547. Germany, Federal Rep of. Botanical garden, Bremen.
Chromosome number $2n=30$. Annual. Wild. Seed.
- 487396. 548. Hungary. Tapioszele. Chromosome number $2n=30$.
Annual. Wild. Seed.
- 487397. 550. Cyprus. Trikomo. Chromosome number $2n=30$. Annual.
Wild. Seed.
- 487398. 551. Cyprus. Myrton. Chromosome number $2n=30$. Annual.
Wild. Seed.
- 487399. 552. Cyprus. Nicosia. Chromosome number $2n=30$. Annual.
Wild. Seed.
- 487400. 682. Turkey. Kurttepe Adana. Chromosome number $2n=30$.
Annual. Wild. Seed.
- 487401. 772. Italy. Collesano, Sicily. Chromosome number $2n=30$.

487388 TO 487412-continued

Annual. Wild. Seed.

487402. 798. Italy. Piana degli Albanesi, Sicily. Chromosome number $2n=30$. Annual. Wild. Seed.
487403. 861. Turkey. Mersin. Chromosome number $2n=30$. Annual. Wild. Seed.
487404. 945. Greece. Temple of Zeus, Athens. Chromosome number $2n=30$. Annual. Wild. Seed.
487405. 978. Italy. Capri. Chromosome number $2n=30$. Annual. Wild. Seed.
487406. 1020. Italy. Lazzi near Florence. Chromosome number $2n=30$. Annual. Wild. Seed.
487407. 1079. Italy. Between Pulname and Teulada, Sardinia. Chromosome number $2n=30$. Annual. Wild. Seed.
487408. 1171. Greece. Between Ag Dheka and Mitropoli at Apollo Temple, Crete. Chromosome number $2n=30$. Annual. Wild. Seed.
487409. 1417. Lebanon. Ghazir. Chromosome number $2n=30$. Annual. Wild. Seed.
487410. 2113. Italy. Varano, Gargano. Chromosome number $2n=30$. Annual. Wild. Seed.
487411. 2151. Italy. Road to Canosa di Puglia, 17km E of Potenza River. Chromosome number $2n=30$. Annual. Wild. Seed.
487412. 2845. Chromosome number $2n=30$. Annual. Wild. Seed.

487413. *Zea mays* L. (Poaceae) Field corn.

From United States. Donated by Williams, T.C.; Hendersonville, North Carolina.

Received May 1984.

Hamilton. United States. Open pollinated multicolor flint type developed about 1910 by L.C. Hamilton. Parents local Indian types. Plants 3-4.5m tall. Ears two per stalk, 17-23cm long, 6-6.5cm wide, with 16 rows of 40 seeds per row. Seeds 1 cm wide x 1.3cm long x 0.4cm thick. Maturity 6-7 months. Apparently resistant to Texas strain of corn blight. Grain and fodder excellent for feed. Grain excellent for corn meal and grits. Cultivar. Seed.

487414. *Bromus rubens* L. (Poaceae) Foxtail bromegrass.

From United States. Donated by Lockeford Plant Materials Center, USDA-SCS; Lockeford, California. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.
Received March 1983.

T 6336. United States. Collected 1971. Panoche Hills, Fresno, California. Deep red or rust color when mature, 15-30cm tall, dense root system, limited leaves, seed heads large and nodding. Good for reseeding where droughty soil conditions exist. Winter Annual. Wild. Seed.

487415. *Eriogonum fasciculatum* Benth. (Polygonaceae).

From United States. Donated by Lockeford Plant Materials Center, USDA-SCS; Lockeford, California. Received through National Plant Materials Center, USDA-SCS, Beltsville, Maryland.
Received April 1984.

T 19947. United States. Collected 1964. Native evergreen shrub to one meter high. Seed production high. Drought tolerant. Perennial Woody. Wild. Seed.

487416 TO 487417. *Brassica oleracea* var. *botrytis* L. (Brassicaceae)
Cauliflower.

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing Vegetable Research Centre; Beijing.
Received May 1984.

487416. China, Peoples Repub of. Spring type. Cultivated. Seed.

487417. China, Peoples Repub of. Autumn type. Cultivated. Seed.

487418 TO 487419. *Brassica oleracea* var. *capitata* L. (Brassicaceae)
Cabbage.

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing Vegetable Research Centre; Beijing.
Received May 1984.

487418. Bao Chun. China, Peoples Repub of. Cultivated. Seed.

487419. Dong Qing. China, Peoples Repub of. Cultivated. Seed.

487420 TO 487422. *Brassica pekinensis* (Lour.) Rupr. (Brassicaceae)

487420 TO 487422-continued
Chinese cabbage.

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing
Vegetable Research Centre; Beijing.
Received May 1984.

487420. Bei jin 100 hao. China, Peoples Repub of. Cultivated.
Seed.

487421. Bei jin 106 hao. China, Peoples Repub of. Cultivated.
Seed.

487422. Xiao za 55 hao. China, Peoples Repub of. Cultivated.
Seed.

487423. *Capsicum annuum* L. (Solanaceae).

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing
Vegetable Research Centre; Beijing.
Received May 1984.

Tian za 1 hao. China, Peoples Repub of. Cultivated. Seed.

487424. *Cucumis sativus* L. (Cucurbitaceae) Cucumber.

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing
Vegetable Research Centre; Beijing.
Received May 1984.

Jing Xu 1 hao. China, Peoples Repub of. Cultivated. Seed.

487425 TO 487426. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing
Vegetable Research Centre; Beijing.
Received May 1984.

487425. Jia fen. China, Peoples Repub of. Cultivated. Seed.

487426. Jia hong. China, Peoples Repub of. Cultivated. Seed.

487427. *Raphanus sativus* L. (Brassicaceae) Radish.

From China, Peoples Repub of. Donated by Chen, Shu Yen; Beijing
Vegetable Research Centre; Beijing.
Received May 1984.

Xin li mei. China, Peoples Repub of. Cultivated. Seed.

487428 TO 487431. Glycine soja Sieb. & Zucc. (Fabaceae) Wild soybean.

From Japan. Donated by Kaizuma, N.; Faculty of Agriculture, Iwate University; Ueda, Morioka, Iwate Ken. Received through Yun-Tzu Kiang, Dept. of Plant Science, University of New Hampshire, Durham.
Received May 1984.

487428. E4. Japan. Latitude: 39 deg 07 m N; Longitude: 141 deg 02 m E. Morioka, Iwate Ken. Wild. Seed.

487429. K101. Japan. Latitude: 35 deg 05 m N; Longitude: 139 deg 05 m E. Noborito, Kanagawa Ken. Wild, Seed.

487430. K109. Japan. Latitude: 42 deg 06 m N; Longitude: 142 deg 01 m E. Hiratori, Hokkaido Ken. Wild. Seed.

487431. K113. Japan. Latitude: 31 deg 02 m N; Longitude: 130 deg 06 m E. Ibusuki, Kagoshima Ken. Wild. Seed.

487432. Lupinus albus L. (Fabaceae) White lupine.

From Jordan. Collected by Haddad, N.; Department of Plant Protection, University of Jordan; Amman.
Received January 1983.

Jordan. Bitter type. Local name Baladi. Cultivated. Seed.

487433 TO 487438. Lupinus albus L. (Fabaceae) White lupine.

From Australia. Donated by Oram, R.N.; CSIRO, Black Mountain; Canberra. Received through W. Goldstein, Dept. of Agronomy and Soils, Washington State Univ., Pullman.
Received January 1983.

487433. 'Blanca'. Germany, Federal Rep of. Compact sweet type. Plants 75cm tall. Yield potential good. Alkaloid content lowest of all German bred cultivars. Spring Annual. Cultivar. Seed.

487434. Kiev Early. Soviet Union. Ukraine, USSR. Early maturing, low alkaloid type. Yield good. Spring Annual. Cultivar. Seed.

487435. Kiev N409. Soviet Union. Ukraine, USSR. Maturity later than Kiev mutant, Kiev Early, and Ultra. Spring Annual. Cultivar. Seed.

487436. Multolupa. Chile. South of Santiago. Sweet, low alkaloid type. Semi-requirement for vernalization. Foliage production vigorous. Seeds large. Used for baby food, lunch programs, and poultry feed. Winter Annual. Cultivar.

487433 TO 487438-continued
Seed.

487437. Bulgaria. CSIRO. CPI 31620. Plants about 1 m tall, later maturing than other early spring types. Early growth vigorous. Moderate yield. Mixture of sweet and sour seed. Spring Annual. Cultivated. Seed.

487438. W 1043. Australia. Selection from Ultra. Commercially grown. Sweet, low alkaloid type. Seedlings less vigorous and plants less productive than Ultra. Spring Annual. Cultivar. Seed.

487439 TO 487445. *Ananas comosus* (L.) Merr. (Bromeliaceae) Pineapple.

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

487439. 2765. Venezuela. Collected April 02, 1981. L. da Silva plot, NNE of town center, San Carlos de Rio Negro, T.F.A. Plant about 1.3m tall. Leaves spiny margined, anthocyanin present, stripped for very strong fiber. Fruit sweet, small. Local name Curagua. Cultivated. Plants.

487440. 2767. Venezuela. Collected April 02, 1981. L. da Silva plot, NNE of town center, San Carlos de Rio Negro, T.F.A. Leaves spineless. Fruits sweet, long, narrow (20 x 10cm). Local name Pina. Cultivated. Plants.

487441. 2804. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Leaves smooth. Local name Pina de Brazil. Cultivated. Plants.

487442. 2899. Venezuela. Collected April 18, 1981. G. Gomez plot, NE of San Carlos de Rio Negro, T.F. Amazonas. Co-collector K.E. Clark. Leaves green with purple marginal spines. Fruits very large, blocky, barrel-shaped. Local name Pina do Brazil. Cultivated. Plants.

487443. 2900. Venezuela. Collected April 18, 1981. G. Gomez plot, 4.9km NE of San Carlos de Rio Negro, T.F. Amazonas. Co-collector K.E. Clark. Leaves spineless. Fruit reportedly large and sweet, blocky, broad shaped. Local name Pina Cabeza de Tigre. Cultivated. Plants.

487444. 2901. Venezuela. Collected April 18, 1981. G. Gomez plot, 4.7km NE of San Carlos de Rio Negro. T.F. Amazonas. Co-collector K.E. Clark. Leaves with stout purple spines on margins. Fruit reportedly sweet and good. Local name Pina Danto. Cultivated. Plants.

487439 TO 487445-continued

487445. 2903. Venezuela. Collected April 18, 1981. G. Gomez plot, 4.9km NE of San Carlos de Rio Negro, T.F. Amazonas. Co-collector K.E. Clark. Leaves spineless. Fruit reportedly sweet. Local name Pina. Cultivated. Plants.

487446 TO 487457. *Capsicum* sp. (Solanaceae).

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland. Received May 1981.

487446. 2779. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plant about 0.8m tall. Leaves lanceolate and rugose. Fruits lanceoloid-fusiform and angled, 3.5cm long, turning maroon-purple, very hot. Local name Aji. Cultivated. Seed.

487447. 2780. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd., San Carlos de Negro, T.F.A. Plant about 0.7m tall. Leaves lanceolate, acuminate. Fruit irregularly twisted, cylindrical and tapered to a point, curved, turning bright scarlet, moderately hot. Cultivated. Seed.

487448. 2781. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Very hot type. Cultivated. Seed.

487449. 2782. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plants about 0.7m tall. Fruit pointed at base, green turning purple, very hot. Local name Aji. Cultivated. Seed.

487450. 2783. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plants 0.6-0.8m. Fruit ovoid not distinctly pointed, turning black-purple. Local name Aji. Cultivated. Seed.

487451. 2784. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Co-collector K.E. Clark. Fruit ovoid with acute tip, blackish on distal end, ripening to orange then scarlet, very hot. Local name Aji. Cultivated. Seed.

487452. 2785. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Co-collector K.E. Clark. Fruit pale yellow-green, ovoid with pointed tip, hot. Local name Aji. Cultivated.

487446 TO 487457-continued
Seed.

487453. 2786. Venezuela. Collected April 03, 1981. R.Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plants 1.3m tall. Stem and young leaves with black pigment over green. Fruit ovoid, bell pepper shape, wall almost sweet, placenta and seed hot. Local name Aji. Cultivated. Seed.
487454. 2795. Venezuela. Collected April 03, 1981. R.Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plant 1 m tall. Fruit top-shaped, hot. Local name Aji. Cultivated. Seed.
487455. 2906. Venezuela. Collected April 18, 1981. IVIC research building on Calle 24 de Juilo, San Carlos de Rio Negro. Shrubby with woody trunk about 2m tall, spreading. Fruit red-orange, top-shaped, hot. Local name Aji. Cultivated. Seed.
487456. 2910. Venezuela. Collected April 19, 1981. Pedro Maquirino home, Carlos de Rio Negro, T.F.Amazonas. Plant erect, about one meter tall. Fruit bright red, lanceoloid, very small, very hot. Local name Aji. Cultivated. Seed.
487457. 2923. Venezuela. Collected April 19, 1981. S. Ribeiro home, San Carlos de Rio Negro, T.F.Amazonas. Fruits red, top-shaped. Local name Aji. Cultivated. Seed.

487458 TO 487459. *Citrullus lanatus* (Thunb.) Matsum. & Nakai
(Cucurbitaceae) Watermelon.

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

487458. 2772. Venezuela. Collected April 02, 1981. D.M. Garrido home, Muelle District, San Carlos de Rio Negro, T.F.A. Plants not observed. Local name Patilla. Cultivated. Seed.
487459. 2909. Venezuela. Collected April 18, 1981. P. Maquirino home, San Carlos de Rio Negro, T.F.Amazonas. Fruit medium sized. Cultivated. Seed.

487460 TO 487461. *Cucurbita moschata* (Duch.) Duch. ex Poir.
(Cucurbitaceae) Squash.

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

487460 TO 487461-continued

487460. 2889. Venezuela. Collected April 18, 1981. G. Gomez plot, 3.9km E of town plaza off San Carlos-Salano road, T.F.A. Co-collector K.E. Clark. Sprawling vine, leaves broadly reniform. Flowers yellow, 5cm across. Fruit subglobose, about 3kg, light green netting over cream. Flesh yellow-orange with pumpkin flavor and texture. Local name Auyama.

487461. 2907. Venezuela. Collected April 18, 1981. R. Melgueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Sprawling vine, leaves broadly reniform. Flowers about 5cm across. Fruit subglobose, about 1 kg or more, light green netting over cream. Flesh yellow-orange, flavor much like pumpkin. Local name Auyama.

487462. *Mucuna deeringiana* (Bort) Merr. (Fabaceae) Velvetbean.

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

2821. Venezuela. Collected April 06, 1981. Plot of Juan Gomez, 3.5km NE of San Carlos de Rio Negro. Twining vine with long tubular, black-purple flowers. Pods striated with raised ridges. Mature seed roasted and ground for use as a coffee substitute. Cultivated. Seed.

487463. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

2794. Venezuela. Collected April 03, 1981. R. Melgueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Pole type with large leaves. Pods green mottled with blackish purple. Seeds large, thin, black. Cultivated. Seed.

487464. *Solanum* cf. *stramonifolium* Jacq. (Solanaceae).

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

2800. Venezuela. Collected April 03, 1981. R. Melgueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plant about 1 m tall. Flowers whitish. Fruit bright red, about 10mm in diameter, flavor sweet tomato-

487464-continued

like but less acid. Local name Tupirito sin espinas (without spines).

487465 TO 487470. *Solanum sessiliflorum* Dunal (Solanaceae).

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection Office, USDA-AMS; Beltsville, Maryland.

Received May 1981.

487465. 2773. Venezuela. Collected April 02, 1981. D.M. Garrido home, Muelle Principio, San Carlos de Rio Negro, T.F. Amazonas. Plant about 1 m tall, very pubescent. Leaves large, dentate. Flowers pale yellow. Fruit large, broadly ovoid, dark orange, size and shape of a large persimmon, eaten raw or made into a drink with water. Local name Tupiro. Received as *S. topiro*. Cultivated. Seed.
487466. 2774. Venezuela. Collected April 02, 1981. D.M. Garrido home, Muelle Principio, San Carlos de Rio Negro, T.F. Amazonas. Co-collector K.E. Clark. Plant about 1 m tall, very pubescent but not spiny. Leaves large, ovate with large teeth. Flowers pale yellow. Fruit 5cm long, ovoid golden yellow, eaten raw or made into a drink with water. Local name Tupiro or Cuiou. Received as *S. topiro*. Cultivated. Seed.
487467. 2774a. Venezuela. Collected April 02, 1981. D.M. Garrido home, Muelle Principio, San Carlos de Rio Negro, T.F. Amazonas. Co-collector K.E. Clark. Plant about 1 m tall, densely pubescent, not spiny. Leaves large. Flowers white. Fruit about 5cm long, elongate-ovate, golden yellow. Local name Tupiro or Cuiou. Received as *S. topiro*. Cultivated. Seed.
487468. 2787. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plant 0.6m tall. Fruit ovoid to turbinate, 6-loculed, olive-brown epidermis, pale yellow flesh, eaten raw or as a drink. Flavor pleasant somewhat like tart green tomato. Local name Tupiro morado. Received as *S. topiro*. Cultivated. Seed.
487469. 2792. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro, T.F.A. Plant about 0.6m tall. Leaves pubescent. Fruit large, globose, sometimes pyriform or ovoid, golden brown. Local name Tupiro. Received as *S. topiro*. Cultivated. Seed.
487470. 2792a. Venezuela. Collected April 03, 1981. R. Melqueiro plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro,

487465 TO 487470-continued

T.F.A. Fruit golden yellow to brown, elongate-ovoid.
Received as *S. Topiro*. Cultivated. Seed.

487471. *Solanum* sp. (Solanaceae).

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection
Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

2890. Venezuela. Collected April 18, 1981. G. Gomez
plot, San Carlos de Rio Negro, T.F. Amazonas. Co-collector
K.E. Clark. Herb about 0.6 tall, no spines. Flowers white.
Fruit red up to 1 cm diameter, eaten raw, flavor like a
very sweet, low acid tomato. Local name Tupirito.
Cultivated. Seed.

487472 TO 487474. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Venezuela. Donated by Broome, C.R.; Plant Variety Protection
Office, USDA-AMS; Beltsville, Maryland.
Received May 1981.

487472. 2771. Venezuela. Collected April 02, 1981. D.M. Garrido
home. San Carlos de Rio Negro, T.F. Amazonas. Cultivated.
Seed.

487473. 2778. Venezuela. Collected April 03, 1981. P. Melqueiro
plot, SE of San Carlos-Solano Rd, S. Carlos de Rio Negro,
T.F.A. Vine with large trifoliolate leaves. Mature pods
slender, cylindrical, about 12cm long. Cultivated. Seed.

487474. 2908. Venezuela. Collected April 18, 1981. Pedro
Maquiniro home, main road end of airport, San Carlos de
Rio Negro. Twining vine with large trifoliolate leaves.
Pods hairy, to 15cm, purplish, cylindrical. Seeds dark
brown. Cultivated. Seed.

487475. *Canavalia ensiformis* (L.) DC. (Fabaceae) Jackbean.

From Israel. Donated by Vardi, N.; 50 297 Mishmar Hashivah,
Received May 1984.

Israel. Central area of Israel. Seeds large, red.
Landrace. Seed.

487476. *Citrullus lanatus* (Thunb.) Matsum. & Nakai (Cucurbitaceae)
Watermelon.

From Israel. Donated by Vardi, N.; 50 297 Mishmar Hashivah.

487476-continued

Received May 1984.

Malali. Israel. Received as *Citrullus vulgaris*. Cultivar.
Seed.

487477. *Corchorus olitorius* L. (Tiliaceae) Tussa jute.

From Israel. Donated by Vardi, N.; 50 297 Mishmar Hashivah.
Received May 1984.

Meloucaki. Israel. Gaza Strip area. Cultivar. Seed.

487478 TO 487484. *Lagenaria siceraria* (Mol.) Standl. (Cucurbitaceae)
Bottle gourd.

From Israel. Donated by Vardi, N.; 50 297 Mishmar Hashivah.
Received May 1984.

487478. Israel. Gaza Strip area. Cultivated. Seed.

487479. Israel. Gaza Strip area. Cultivated. Seed.

487480. Israel. Gaza Strip area. Cultivated. Seed.

487481. Israel. Gaza Strip area. Cultivated. Seed.

487482. Israel. Gaza Strip area. Cultivated. Seed.

487483. Israel. Gaza Strip area. Cultivated. Seed.

487484. Israel. Gaza Strip area. Cultivated. Seed.

487485. *Capsicum* sp. (Solanaceae).

From Honduras. Donated by Bloomer, P.; La Esperanza, Intibuca.
Received May 1984.

1 Cap. Honduras. Juticalpa, Olancho. Local name Paya.
Primitive Cultivar. Seed.

487486 TO 487553. *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc.
(Fabaceae) Yard-long bean.

From China, Republic of. Donated by Fengshan Tropical
Horticultural Experiment Station, Taiwan Agricultural
Research Institute; Fengshan, Kaohsiung, Taiwan. Received
through AURDC, Tainan, Taiwan.
Received May 1984.

487486 TO 487553-continued

487486. CP 1. Dagupan Pangasinan Collection No. 1.3. Philippines. Bush type. Cultivated. Seed.
487487. CP 2. Indonesia. Bush type. Cultivated. Seed.
487488. CP 6. Bulacan Long Green (Pole sitao). Philippines. Bush type. Cultivated. Seed.
487489. CP 8. ECO CAR POLE #1. Philippines. Bush type. Cultivated. Seed.
487490. CP 9. 20-1. Philippines. Bush type. Cultivated. Seed.
487491. CP 10. 20-2. Philippines. Bush type. Cultivated. Seed.
487492. CP 11. 20-3. Philippines. Bush type. Cultivated. Seed.
487493. CP 12. China, Republic of. Bush type. Cultivated. Seed.
487494. CP 13. China, Republic of. Bush type. Pods black. Cultivated. Seed.
487495. CP 14. China, Republic of. Bush type. Cultivated. Seed.
487496. CP 15. China, Republic of. Bush type. Pods green. Cultivated. Seed.
487497. CP 16. China, Republic of. Bush type. Pods white. Cultivated. Seed.
487498. CP 17. China, Republic of. Bush type. Pods black. Cultivated. Seed.
487499. CP 18. United States. Guam. Agaha. Bush type. Pods extra long, red. Cultivated. Seed.
487500. CP 19. China Town. Thailand. Bush type. Cultivated. Seed.
487501. CP 20. China Town. Thailand. Bush type. Cultivated. Seed.
487502. CP 21. ECO CAR POLE Sitao #2. Philippines. Bush type. Cultivated. Seed.
487503. CP 22. Dagupan Pangasinan Collection No. 1.1. Philippines. Bush type. Cultivated. Seed.
487504. CP 23. Dagupan Pangasinan Collection No. 1.2. Philippines. Bush type. Cultivated. Seed.
487505. CP 24. Dagupan Pangasinan Collection No. 2.1. Philippines. Bush type. Cultivated. Seed.

487486 TO 487553-continued

487506. CP 25. Dagupan Pangasinan Collection No. 2.2. Philippines. Bush type. Cultivated. Seed.
487507. CP 27. Dagupan Pangasinan Collection No. 3.1. Philippines. Bush type. Cultivated. Seed.
487508. CP 29. Dagupan Pangasinan Collection No. 3.3. Philippines. Bush type. Cultivated. Seed.
487509. CP 30. Dagupan Pangasinan Collection No. 4.1. Philippines. Bush type. Cultivated. Seed.
487510. CP 31. Dagupan Pangasinan Collection No. 4.2. Philippines. Bush type. Cultivated. Seed.
487511. CP 32. Dagupan Pangasinan Collection No. 4.3. Philippines. Bush type. Cultivated. Seed.
487512. CP 33. E.G. Bush Sitao #1. Philippines. IRRI, Manila. Bush type. Cultivated. Seed.
487513. CP 35. BPI Pole Sitao #2. Philippines. IRRI, Manila. Bush type. Cultivated. Seed.
487514. CP 36. E.G. Bush Sitao #1. Philippines. IRRI, Manila. Bush type. Cultivated. Seed.
487515. CP 37. Los Banos Bush Sitao #1. Philippines. IRRI, Manila. Bush type. Cultivated. Seed.
487516. CP 38. Bush Sitao. Philippines. IRRI, Manila. Bush type. Cultivated. Seed.
487517. CP 39. Singapore Pole Beans. Philippines. IRRI, Manila. Bush type. Cultivated. Seed.
487518. CP 40. Bogor 1. Indonesia. Bush type. Cultivated. Seed.
487519. CP 42. Tainong's 1. China, Republic of. Bush type. Cultivated. Seed.
487520. CP 43. Tianong's 2. China, Republic of. Bush type. Cultivated. Seed.
487521. CP 44. Tianong's 3. China, Republic of. Bush type. Cultivated. Seed.
487522. CP 45. Tianong's 4. China, Republic of. Bush type. Cultivated. Seed.
487523. CP 46. Tianong's 5. China, Republic of. Bush type. Cultivated. Seed.

487486 TO 487553-continued

487524. CP 47. K-10. United States. Puerto Rico. Bush type. Cultivated. Seed.
487525. CP 48. K-29. United States. Puerto Rico. Bush type. Cultivated. Seed.
487526. CP 49. K-29. United States. Puerto Rico. Bush type. Cultivated. Seed.
487527. CP 50. K-30. United States. Puerto Rico. Bush type. Cultivated. Seed.
487528. CP 51. L-1. United States. Puerto Rico. Bush type. Cultivated. Seed.
487529. CP 52. L-2. United States. Puerto Rico. Bush type. Cultivated. Seed.
487530. CP 53. L-3. United States. Puerto Rico. Bush type. Cultivated. Seed.
487531. CP 54. L-4. United States. Puerto Rico. Bush type. Cultivated. Seed.
487532. CP 55. Indonesia. Bush type. Cultivated. Seed.
487533. CP 56. Indonesia. Bush type. Cultivated. Seed.
487534. CP 57. China, Republic of. Shinbi, Taiwan. Bush type. Pods white. Cultivated. Seed.
487535. CP 58. China, Republic of. Putzu, Taiwan. Bush type. Pods red. Cultivated. Seed.
487536. CP 60. China, Republic of. Shinbi, Taiwan. Bush type. Pods green. Cultivated. Seed.
487537. CP 61. China, Republic of. Silo, Taiwan. Bush type. Pods white. Cultivated. Seed.
487538. CP 62. Philippines. Bush type. Cultivated. Seed.
487539. CP 63. Philippines. Bush type. Cultivated. Seed.
487540. CP 64. China, Republic of. Pingtung, Taiwan. Bush type. Pods green. Cultivated. Seed.
487541. CP 65. China, Republic of. Kaohsiung, Taiwan. Bush type. Pods green. Cultivated. Seed.
487542. CP 66. China, Republic of. Silo, Taiwan. Bush type. Pods green. Cultivated. Seed.

487486 TO 487553-continued

487543. CP 67. Philippines. Bush type. Cultivated. Seed.
487544. CP 68. China, Republic of. Putzu, Taiwan. Bush type. Pods green. Cultivated. Seed.
487545. CP 69. China, Republic of. Putzu, Taiwan. Bush type. Pods white. Cultivated. Seed.
487546. CP 70. Penhu. China, Republic of. Penhu, Taiwan. Bush type. Cultivated. Seed.
487547. CP 71. China, Republic of. Likang, Taiwan. Bush type. Pods white. Cultivated. Seed.
487548. CP 72. China, Republic of. Likang, Taiwan. Bush type. Pods green. Cultivated. Seed.
487549. CP 73. Indonesia. Bush type. Cultivated. Seed.
487550. CP 74. China, Republic of. Shanhua, Taiwan. Bush type. Pods green. Cultivated. Seed.
487551. CP 75. China, Republic of. Yuanlin, Taiwan. Bush type. Pods green. Cultivated. Seed.
487552. CP 76. China, Republic of. Pingtung, Taiwan. Bush type. Pods white. Cultivated. Seed.
487553. CP 77. China, Peoples Repub of. Man-li-kang. Bush type. Cultivated. Seed.

487554. *Vigna unguiculata* (L.) Walp. subsp. *unguiculata* (Fabaceae)
Southern pea.

From Nigeria. Donated by IITA; Ibadan.
Received May 1984.

TVu 13075. Brazil. Brasilia. Nat. Res. Centre for Rice and Beans and EMBRAPA. IITA breeding line 4R-02-67-01F. Plants early maturing, high yielding. Resistant to cercospora and leaf smut. Cultivar. Seed.

487555 TO 487560. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan.
Received May 1984.

487555 TO 487560-continued

487555. MBKB-008. Sudan. Collected October 1983. Labalwa, Torit District. 640m. Local name Akarakak. Cultivated. Seed.
487556. MBKB-014. Sudan. Collected October 1983. Losow, Torit District. 530m. Pods large. Local name Ngolokwae. Cultivated. Seed.
487557. MBKB-015. Sudan. Collected October 1983. Losow, Torit District. 530m. Local name Anywa. Cultivated. Seed.
487558. MBKB-019. Sudan. Collected October 1983. Logurung, Torit District. 550m. Local name Lokwaya. Cultivated. Seed.
487559. MBKB-020. Sudan. Collected October 1983. Logurung, Torit District. 550m. Pods round. Local name Ogom. Cultivated. Seed.
487560. MBKB-032. Sudan. Collected October 1983. Iribok, Torit District. 590m. Local names Lamaido (long pod) and Guruguru (short pod). Cultivated. Seed.

487561 TO 487562. *Cajanus cajan* (L.) Huth (Fabaceae) Pigeon pea.

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan. Received May 1984.

487561. MBKB-040. Sudan. Collected October 1983. Okola, Torit District. 830m. Plants tall. Local name Lapena. Perennial Herb. Cultivated. Seed.
487562. MBKB-041. Sudan. Collected October 1983. Magwi, Torit District. 850m. Seeds red. Local name Kabir. Cultivated. Seed.

487563 TO 487564. *Indigofera* sp. (Fabaceae).

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan. Received May 1984.

487563. MBKB-010. Sudan. Collected October 1983. N. Loudo, Torit District. 490m. Wild. Seed.
487564. MBKB-031. Sudan. Collected October 1983. Hilieu, Torit District. 600m. Wild. Seed.

487565 TO 487568. *Pennisetum americanum* (L.) Leeke (Poaceae) Pearl millet.

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan. Received May 1984.

487565. MBKB-007. Sudan. Collected October 1983. Labalwa, Torit District. 640m. Head compact. Local name Ometi. Cultivated. Seed.

487566. MBKB-018. Sudan. Collected October 1983. Logurung, Torit District. 550m. Seeds white. Local name Ometi. Cultivated. Seed.

487567. MBKB-026. Sudan. Collected October 1983. Mura-Ukuk, Torit District. 860m. Heads short. Local name Imajang. Cultivated. Seed.

487568. MBKB-027. Sudan. Collected October 1983. Mura-Ukuk, Torit District. 860m. Heads smuty. Local name Osihe. Cultivated. Seed.

487569 TO 487571. *Pennisetum* sp. (Poaceae).

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan. Received May 1984.

487569. MBKB-003. Imeila, Torit District. 750m. Leaf midribs white. Local name Olobole. Wild. Seed.

487570. MBKB-004. Imeila, Torit District. 750m. Local name Olobole. Wild. Seed.

487571. MBKB-004a. Imeila, Torit District. 750m. Local name Olobole. Wild. Seed.

487572 TO 487596. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan. Received May 1984.

487572. MBKB-001. Sudan. Collected October 1983. Hilieu, Torit District. 650m. Local name Odaka. Cultivated. Seed.

487572 TO 487596-continued

487573. MBKB-005. Sudan. Collected October 1983. Imeila, Torit District. 775m. Local name Atati. Cultivated. Seed.
487574. MBKB-006. Sudan. Collected October 1983. Labalwa, Torit District. 640m. Stem borer present. Local name Osingo. Cultivated. Seed.
487575. MBKB-006a. Sudan. Collected October 1983. Labalwa, Torit District. 640m. Local name Barangore. Cultivated. Seed.
487576. MBKB-011. Sudan. Collected October 1983. Loronyo, Torit District. 490m. Local name Ngedeng. Cultivated. Seed.
487577. MBKB-012. Sudan. Collected October 1983. Loronyo, Torit District. 490m. Early maturity. Local name Bironge. Cultivated. Seed.
487578. MBKB-013. Sudan. Collected October 1983. Loronyo, Torit District. 490m. Early maturity. Local name Aduholio. Cultivated. Seed.
487579. MBKB-016. Sudan. Collected October 1983. Lafon, Torit District. 470m. Sweet stalk type. Local name Nyethin. Cultivated. Seed.
487580. MBKB-017. Sudan. Collected October 1983. Lafon, Torit District. 470m. Exertion poor. Seeds red. Local name Lwalo. Cultivated. Seed.
487581. MBKB-021. Sudan. Collected October 1983. Mura-Ikotos, Torit District. 850m. Seeds red. Local name Newala. Cultivated. Seed.
487582. MBKB-022. Sudan. Collected October 1983. Mura-Ikotos, Torit District. 850m. Local name Nolosungoti. Cultivated. Seed.
487583. MBKB-023. Sudan. Collected October 1983. Mura-Ikotos, Torit District. 850m. Referred to as bird's eye. Local name Nahongek-okilir. Cultivated. Seed.
487584. MBKB-024. Sudan. Collected October 1983. Mura-Ikotos, Torit District. 850m. Local name Nolodaka. Cultivated. Seed.
487585. MBKB-025. Sudan. Collected October 1983. Mura-Ikotos, Torit District. 850m. Sweet stalk type. Local name Nakede. Cultivated. Seed.
487586. MBKB-028. Sudan. Collected October 1983. Ohui (Otele), Torit District. 870m. Local name Atari. Cultivated. Seed.

487572 TO 487596-continued

487587. MBKB-029. Sudan. Collected October 1983. Gahaguha, Torit District. 930m. Local name Machiha. Cultivated. Seed.
487588. MBKB-030. Sudan. Collected October 1983. Katire, Torit District. 1000m. Bold seeded. Cultivated. Seed.
487589. MBKB-033. Sudan. Collected October 1983. Iribok, Torit District. 590m. Local name Ekudo. Cultivated. Seed.
487590. MBKB-034. Sudan. Collected October 1983. Iribok, Torit District. 590m. Maturity medium. Local name Aberong. Cultivated. Seed.
487591. MBKB-035. Sudan. Collected October 1983. Iribok, Torit District. 590m. Local name Anguleru. Cultivated. Seed.
487592. MBKB-036. Sudan. Collected October 1983. Iribok, Torit District. 590m. Local name Natawlek. Cultivated. Seed.
487593. MBKB-037. Sudan. Collected October 1983. Iribok, Torit District. 590m. Local name Aguyale. Cultivated. Seed.
487594. MBKB-038. Sudan. Collected October 1983. Okola, Torit District. 820m. Local name Lodiong. Cultivated. Seed.
487595. MBKB-039. Sudan. Collected October 1983. Okola, Torit District. 830m. Plants infected with anthracnose. Local name Labalwa. Cultivated. Seed.
487596. MBKB-042. Sudan. Collected October 1983. Boma Hills, Torit District. Berg's seeds. Local name Boma red and Pochalla white. Cultivated. Seed.

487597 TO 487598. Sorghum sp. (Poaceae).

From Sudan. Collected by Mengesha, M.H.; Gebrekidan, B.; and Kwaje, S.; ICRISAT; SAFGRAD, Organization of African Unity; and Plant Protection, Ministry of Agriculture; Patancheru, India; Nairobi, Kenya; Khartoum, Sudan. Received May 1984.

487597. MBKB-002. Sudan. Collected October 1983. Hilieu, Torit District. 620m. Wild. Seed.
487598. MBKB-009. Sudan. Collected October 1983. Loudo, Torit District. 520m. Leaves broad. Local name Abale. Wild. Seed.

487599 TO 487606. Camellia hybrid (Theaceae).

From United States. Donated by Ackerman, W.L.; National

487599 TO 487606-continued

Arboretum, USDA-ARS; Washington, D.C.

Received April 1984.

- 487599.** 9-255. 'Two Marthas'. United States. *C. sasanqua* (PI 319285)/*C. kissi* (PI 252064). Plant upright with medium growth rate. Leaves 7cm long, 2.5cm wide, dark glossy green. Blooming in fall, October to early November. Flowers are semidouble, 7.6cm wide, bright rose pink. Petals drop separately at senescence. Tolerant to high heat and light. Cultivar. Seed.
- 487600.** 64-6. 'Fragrant Joy'. United States. *C. rusticana* (PI 228190)/*C. lutchuensis* (PI 226756). Plant upright with medium growth rate. Leaves 7.6cm long, 2.9cm wide, medium green. Spring blooming, midseason. Flowers abundant, long lasting, rose form, double to formal double, 18 petals, 16 petaloids, 5.1cm across and 2.5cm deep, dark lavender pink with yellow anthers and creamy white filaments, outstanding sweet fragrance. Cultivar. Plants.
- 487601.** NA 49767. 'Ack-scent White'. United States. *C. japonica* (PI 352669)/*C. hybrid* (PI 315906). Plant upright with dense, dark green foliage. Blooming early to mid-season. Flowers chalk white, 10.1cm across, peony to anemone form, 20 petals, 24 petaloids, golden yellow anthers and creamy yellow filaments; hold up well under adverse conditions, mild sweet fragrance. Cultivar. Plants.
- 487602.** NA 49768. 'Ack-scent Red'. United States. *C. japonica* (B61126)/*C. hybrid* (PI 315906). Plants spreading with medium green foliage. Blooming mid to late spring. Flowers bright red, 7.6cm across, semi-double to peony form, deep spicy fragrance. Petals ruffled, notched at margins with some rabbit ears. Stamens numerous, golden yellow with yellow-orange anthers. Cultivar. Plants.
- 487603.** NA 49769. 'Ack-scent Pink'. United States. *C. japonica* (B58297)/*C. hybrid* (PI 315906). Plants spreading, compact with dark green foliage. Blooming spring, mid-season. Flowers bright pink, 8.9cm across, double rose form, strong sweet fragrance. Petals long, narrow, thick, twisted, notched, tipped, edged or streaked with white, veined in darker pink, hold well. Cultivar. Plants.
- 487604.** NA 49770. 'Ack-scent Star'. United States. *C. japonica* (B58297)/*C. hybrid* (PI 315906). Plants vigorous, upright, with medium green foliage. Blooming mid to late spring. Flowers chalk white, 8.2cm across, anemone to rose double form, strong sweet fragrance. Petals ruffled at margins, creamy-white at center. Anthers golden yellow with creamy yellow filaments. Cultivar. Plants.
- 487605.** NA 49771. 'Ack-scent Spice'. United States. *C. japonica*

487599 TO 487606-continued

(B58297)/C. hybrid (PI 315906). Plants spreading with medium green foliage. Blooming mid to late spring. Flowers bright red, 7.5cm across, anemone form, strong lemony to spicy fragrance. Petals ruffled at margins, petaloids cupped and creased. Stamens intermixed among petaloids with anthers golden yellow with creamy yellow filaments. Cultivar. Plants.

487606. NA 49772. 'Ack-scent Sno'. United States. C. japonica (PI 352669)/C. hybrid (PI 315906). Plants upright, with very dark green foliage. Blooming mid-season. Flowers chalk-white, 11.4cm across, semi-double to anemone form, with 12 petals and 28 petaloids, sweet fragrance. Stamens form star-like pattern, anthers bright sulfur yellow with creamy yellow filaments. Cultivar. Plants.

487607 TO 487618. *Iris kaempferi* Sieb. ex Lem. (Iridaceae).

From United States. Donated by Ackerman, W.L.; National Arboretum, USDA-ARS; Washington, D.C.
Received April 1984.

487607. NA 50249. 'Wine Ruffles'. United States. PD-345/PD-126. Plants 94cm tall. Each spathe averages two branches, three blooms. Blooming midseason. Flowers 15-18cm across, six petals, fluted with ruffled margins, falls royal purple, RHS Purple 77A blending to Purple 79A, rich heavy substance, style arms RHS Purple 77C, margins RHS Purple 77A, some anthers petaloid, signals RHS Yellow 13A. Cultivar. Rhizomes.

487608. NA 50250. 'Enduring Pink Frost'. United States. D-5(7-150) selfed. Plants 54cm tall. Each spathe averages two branches, three blooms. Blooming mid-season. Flowers last 5 days instead of typical 3, 10 to 12cm across, three petals, bicolor, falls white, standards lavender-pink RHS Purple 76A to 76C at margins, style arms RHS Purple 76A, standards and style arms form cup-like structure, excellent substance, signals RHS Yellow 12A. Cultivar. Rhizomes.

487609. NA 50251. 'Sky and Mist'. United States. F-8/P-7. Plants 60cm tall. Each spathe averages two branches, three blooms. Blooming late. Flowers 12 to 15cm across, seven to nine petals, loose peony form, falls white with RHS Violet-Blue 89B veins and slight mosaic, petaloids RHS Violet 87B edged in white, excellent substance, signals RHS Yellow 13B. Cultivar. Rhizomes.

487610. NA 50252. 'Pink Bunny'. United States. D-5(7-135) selfed. Plants 93cm tall. Each spathe averages three branches, four blooms. Blooming late. Flowers 17 to 19cm across,

487607 TO 487618-continued

- eight petals plus petaloids, falls lavender-pink RHS Purple 76D with contrasting RHS Purple 75A veins, petaloids fluted, upright forming crest of rabbit-like ears, signals RHS Yellow 13A. Cultivar. Rhizomes.
487611. NA 50253. 'Violet Vase'. United States. F22 selfed. Plants 66cm tall. Each spathe averages two branches, three blooms. Blooming mid-season. Flowers 15 to 17cm across, five petals, falls RHS Violet 88A with heavy RHS Violet 86B veins and mosaic blending to RHS Violet-Blue 89A around signal, five standards RHS Violet 86A with white margins, five style arms RHS Violet 86A with white margins, standards and style arms form vase-like cluster, signals RHS Yellow 12A. Cultivar. Rhizomes.
487612. NA 50254. 'White Profusion'. United States. D-5(2-92) selfed. Plants 64cm tall. Each spathe averages two branches, three blooms. Blooming mid-season. Flowers 15 to 17cm across, ten petals plus petaloids, falls white with some RHS Yellow-Green 154D veining around signal, five RHS Yellow 11D and white style arms, signals RHS Yellow-Green 154A, male sterile. Cultivar. Rhizomes.
487613. NA 50255. 'Lasting Pleasure'. United States. D-5(3-59)/D-5(5-153). Plants 84cm tall. Each spathe averages three branches, six blooms. Blooming mid-season. Flowers persist 4 to 5 days, 17 to 19cm across, six petals, falls RHS Purple-Violet 81A with lighter interveinal areas and near-white margins, style arms RHS Purple-Violet 81A with lighter crests, anthers are petaloid, good substance, signals RHS Yellow 13A. Cultivar. Rhizomes.
487614. NA 50256. 'Lavender Krinkle'. United States. D-5(5-140)/D-5(7-140). Plants 76cm tall. Each spathe averages two branches, four blooms. Blooming early. Flowers 19 to 23cm across, six petals, falls broad, ruffled, RHS Violet 88C with white around signal and some white veining, very good substance, signals RHS Yellow 12A. Cultivar. Rhizomes.
487615. NA 50257. 'Royal Fireworks'. United States. D-5(10-62)/D-5(10-58) Both parents irradiated. Plants 102cm tall. Each spathe averages two branches, four blooms. Blooming very early. Flowers 13 to 15cm across, six petals plus petaloids, falls RHS Violet 86A velvet textured, margins curled and ruffled, good substance, signals RHS Yellow 13A. Cultivar. Rhizomes.
487616. NA 50258. 'Blue Zebra'. United States. F6/P4. Plants 89cm tall. Each spathe averages two branches, four blooms. Blooming mid-season. Flowers 17 to 19cm across, six petals, falls white with heavy RHS Violet -Blue 90A veins blending to RHS Violet-Blue 89A around signal - giving

487607 TO 487618-continued

striped effect - furled along mid-line, style arms RHS 90A reflexed horizontally, good substance, signals RHS Yellow 12A. Cultivar. Rhizomes.

487617. NA 50259. 'Grape Fizz'. United States. F7/P5. Plants 84cm tall. Each spathe averages two branches, four blooms. Blooming mid-season. Flowers 16 to 18cm across, six petals, plus three to four petaloids, falls very ruffled, RHS Purple-Violet 81A to 82A with sharp white mosaic and flecking, good substance, signals RHS Yellow 12A. Cultivar. Rhizomes.

487618. NA 50260. 'Capitol Dandy'. United States. D-5 (7-150) selfed. Plants 84cm tall. Each spathe averages two branches, four blooms. Blooming early. Flowers 15 to 18cm across, three broad petals, falls RHS Violet 85D with bright RHS Violet 87A veins and mosaic around signal, ruffled margins, standards RHS Violet 84A, style arms arched RHS Violet 84A, excellent substance, signals RHS Yellow 12A. Cultivar. Rhizomes.

487619 TO 487622. *Capsicum annuum* L. (Solanaceae).

From Costa Rica. Donated by Genetic Resources Unit, Centro Agronomico Tropical de Investigacion y Ensenanza; Turrialba.

Received May 1984.

487619. 5346. Costa Rica. Collected November 02, 1976. Collected by M. Holle, No. 210. Seed.

487620. 5348. Costa Rica. Collected November 02, 1976. Collected by M. Holle, No. 221. Seed.

487621. 9924. Costa Rica. Collected October 18, 1979. Santo Domingo de Meredia. Collected by R. Ocampo, No. 37-79. Seed.

487622. 11073. Honduras. Collected March 24, 1980. Barrio Lempira, Esperanza Rio Mangua. Collected by L. Gmo. Gonzalez, No. 181. Seed.

487623. *Capsicum frutescens* L. (Solanaceae) Redpepper.

From Costa Rica. Collected by Duke, J.A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, Maryland, USA.

Received June 1984.

Costa Rica. Collected May 13, 1984. Gandoca. Plant apparently disease free in rainfall area of over 200cm annually. Cultivated. Seed.

487624. *Lycopersicon* hybrid (Solanaceae).

From Costa Rica. Collected by Duke, J.A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, Maryland, USA.
Received June 1984.

Costa Rica. Collected May 23, 1984. Los Diamantes. Area with more than 400cm rainfall annually. Appears to be a natural cross between *L. pimpinellifolium* and *L. esculentum*. Cultivated. Seed.

487625. *Lycopersicon pimpinellifolium* (L.) Mill. (Solanaceae) Currant tomato.

From Costa Rica. Collected by Duke, J.A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, Maryland, USA.
Received June 1984.

Costa Rica. Collected May 23, 1984. Los Diamantes. Area with more than 400cm rainfall annually. Cultivated. Seed.

487626 TO 487627. *Salix* hybrid (Salicaceae).

From United Kingdom. Donated by Stott, K.G.; Long Ashton Research Station, University of Bristol; Long Ashton, Bristol.
Received May 1984.

487626. Mawdesley Seedling E. United Kingdom. *S. purpurea*/*S. viminalis*. Basket weaving type. Cultivated. Cuttings.

487627. Mawdesley Seedling G. United Kingdom. *S. purpurea*/*S. viminalis*. Basket weaving type. Cultivated. Cuttings.

487628 TO 487629. *Salix purpurea* L. (Salicaceae) Purple osier.

From United Kingdom. Donated by Stott, K.G.; Long Ashton Research Station, University of Bristol; Long Ashton, Bristol.
Received May 1984.

487628. Irette. United Kingdom. Basket weaving type. Cultivated. Cuttings.

487629. Leicestershire Dicks. United Kingdom. Basket weaving type. Cultivated. Cuttings.

487630 TO 487632. *Salix triandra* L. (Salicaceae).

From United Kingdom. Donated by Stott, K.G.; Long Ashton Research Station, University of Bristol; Long Ashton, Bristol.
Received May 1984.

487630 TO 487632-continued

487630. Black Maul. United Kingdom. Basket weaving type.
Cultivated. Cuttings.
487631. Brilliant. United Kingdom. Basket weaving type.
Cultivated. Cuttings.
487632. Zwarte Drieblast. United Kingdom. Basket weaving type.
Received as *S. amygdalina*. Cultivated. Cuttings.

487633 TO 487635. *Salix viminalis* L. (Salicaceae) Basket willow.

From United Kingdom. Donated by Stott, K.G.; Long Ashton Research Station, University of Bristol; Long Ashton, Bristol.
Received May 1984.

487633. Hard Osier. United Kingdom. Basket weaving type.
Cultivated. Cuttings.
487634. Mealy Top. United Kingdom. Basket weaving type.
Cultivated. Cuttings.
487635. Mullatin. United Kingdom. Basket weaving type.
Cultivated. Cuttings.

487636 TO 489684. *Zea mays* L. (Poaceae) Field corn.

From Mexico. Donated by CIMMYT; Mexico, D.F. Received through NSSL, Ft. Collins, Colorado.
Received November 1983.

487636. Uruguay 599. Uruguay. Cultivated. Seed.
487637. Uruguay 601. Uruguay. Cultivated. Seed.
487638. Uruguay 620. Uruguay. Cultivated. Seed.
487639. Uruguay 624. Uruguay. Cultivated. Seed.
487640. Uruguay 626. Uruguay. Cultivated. Seed.
487641. Uruguay 632. Uruguay. Cultivated. Seed.
487642. Uruguay 635. Uruguay. Cultivated. Seed.
487643. Uruguay 638. Uruguay. Cultivated. Seed.
487644. Uruguay 645. Uruguay. Cultivated. Seed.
487645. Uruguay 649. Uruguay. Cultivated. Seed.

487636 TO 489684-continued

487646. Uruguay 663. Uruguay. Cultivated. Seed.
487647. Uruguay 665. Uruguay. Cultivated. Seed.
487648. Uruguay 674. Uruguay. Cultivated. Seed.
487649. Uruguay 677. Uruguay. Cultivated. Seed.
487650. Uruguay 679. Uruguay. Cultivated. Seed.
487651. Uruguay 707. Uruguay. Cultivated. Seed.
487652. Uruguay 708. Uruguay. Cultivated. Seed.
487653. Uruguay 720. Uruguay. Cultivated. Seed.
487654. Uruguay 723. Uruguay. Cultivated. Seed.
487655. Uruguay 727. Uruguay. Cultivated. Seed.
487656. Uruguay 733. Uruguay. Cultivated. Seed.
487657. Uruguay 745. Uruguay. Cultivated. Seed.
487658. Uruguay 747. Uruguay. Cultivated. Seed.
487659. Uruguay 749. Uruguay. Cultivated. Seed.
487660. Venezuela 441. Venezuela. Cultivated. Seed.
487661. Katmandu White. Nepal. Katmandu. Cultivated. Seed.
487662. Katmandu Yellow. Nepal. Katmandu. Cultivated. Seed.
487663. Brasil 3055. Brazil. Cultivated. Seed.
487664. Brasil 3066. Brazil. Cultivated. Seed.
487665. Chiapas 7. Mexico. Chiapas. Cultivated. Seed.
487666. Chiapas 211. Mexico. Chiapas. Cultivated. Seed.
487667. Guerrero Group 10. Mexico. Guerrero. Cultivated. Seed.
487668. Morelos 22. Mexico. Morelos. Cultivated. Seed.
487669. Oaxaca 88. Mexico. Oaxaca. Cultivated. Seed.
487670. Yucatan 3. Mexico. Yucatan. Cultivated. Seed.
487671. Yucatan 10. Mexico. Yucatan. Cultivated. Seed.

487636 TO 489684-continued

- 487672. Yucatan 17. Mexico. Yucatan. Cultivated. Seed.
- 487673. Yucatan 84. Mexico. Yucatan. Cultivated. Seed.
- 487674. Yucatan 105. Mexico. Yucatan. Cultivated. Seed.
- 487675. Yucatan 111. Mexico. Yucatan. Cultivated. Seed.
- 487676. Yucatan 142. Mexico. Yucatan. Cultivated. Seed.
- 487677. Yucatan 145. Mexico. Yucatan. Cultivated. Seed.
- 487678. Bical White Flint. Philippines. Cultivated. Seed.
- 487679. El Salvador 94. El Salvador. Cultivated. Seed.
- 487680. St. Vincent Group 2B. St Vincent. Cultivated. Seed.
- 487681. Durango 147. Mexico. Durango. Cultivated. Seed.
- 487682. Durango 150. Mexico. Durango. Cultivated. Seed.
- 487683. Hidalgo 80. Mexico. Hidalgo. Cultivated. Seed.
- 487684. Hidalgo 81. Mexico. Hidalgo. Cultivated. Seed.
- 487685. Hidalgo 82. Mexico. Hidalgo. Cultivated. Seed.
- 487686. Hidalgo 83. Mexico. Hidalgo. Cultivated. Seed.
- 487687. Hidalgo 84. Mexico. Hidalgo. Cultivated. Seed.
- 487688. Hidalgo 85. Mexico. Hidalgo. Cultivated. Seed.
- 487689. Hidalgo 86. Mexico. Hidalgo. Cultivated. Seed.
- 487690. Hidalgo 87. Mexico. Hidalgo. Cultivated. Seed.
- 487691. Hidalgo 88. Mexico. Hidalgo. Cultivated. Seed.
- 487692. Hidalgo 89. Mexico. Hidalgo. Cultivated. Seed.
- 487693. Hidalgo 90. Mexico. Hidalgo. Cultivated. Seed.
- 487694. Hidalgo 91. Mexico. Hidalgo. Cultivated. Seed.
- 487695. Hidalgo 92. Mexico. Hidalgo. Cultivated. Seed.
- 487696. Jalisco 290. Mexico. Jalisco. Cultivated. Seed.
- 487697. Mexico 459. Mexico. Cultivated. Seed.

487636 TO 489684-continued

487698. Mexico 460. Mexico. Cultivated. Seed.
487699. Mexico 461. Mexico. Cultivated. Seed.
487700. Mexico 462. Mexico. Cultivated. Seed.
487701. Mexico 463. Mexico. Cultivated. Seed.
487702. Mexico 464. Mexico. Cultivated. Seed.
487703. Mexico 465. Mexico. Cultivated. Seed.
487704. Mexico 466. Mexico. Cultivated. Seed.
487705. Mexico 468. Mexico. Cultivated. Seed.
487706. Mexico 469. Mexico. Cultivated. Seed.
487707. Mexico 470. Mexico. Cultivated. Seed.
487708. Mexico 471. Mexico. Cultivated. Seed.
487709. Mexico 472. Mexico. Cultivated. Seed.
487710. Mexico 473. Mexico. Cultivated. Seed.
487711. Mexico 474. Mexico. Cultivated. Seed.
487712. Mexico 475. Mexico. Cultivated. Seed.
487713. Mexico 476. Mexico. Cultivated. Seed.
487714. Mexico 477. Mexico. Cultivated. Seed.
487715. Mexico 478. Mexico. Cultivated. Seed.
487716. Mexico 479. Mexico. Cultivated. Seed.
487717. Mexico 480. Mexico. Cultivated. Seed.
487718. Mexico 481. Mexico. Cultivated. Seed.
487719. Mexico 482. Mexico. Cultivated. Seed.
487720. Mexico 483. Mexico. Cultivated. Seed.
487721. Mexico 484. Mexico. Cultivated. Seed.
487722. Mexico 485. Mexico. Cultivated. Seed.
487723. Mexico 486. Mexico. Cultivated. Seed.

487636 TO 489684-continued

487724. Mexico 487. Mexico. Cultivated. Seed.
487725. Mexico 488. Mexico. Cultivated. Seed.
487726. Mexico 489. Mexico. Cultivated. Seed.
487727. Mexico 490. Mexico. Cultivated. Seed.
487728. Mexico 491. Mexico. Cultivated. Seed.
487729. Mexico 492. Mexico. Cultivated. Seed.
487730. Mexico 493. Mexico. Cultivated. Seed.
487731. Mexico 494. Mexico. Cultivated. Seed.
487732. Mexico 495. Mexico. Cultivated. Seed.
487733. Mexico 496. Mexico. Cultivated. Seed.
487734. Mexico 497. Mexico. Cultivated. Seed.
487735. Mexico 498. Mexico. Cultivated. Seed.
487736. Mexico 499. Mexico. Cultivated. Seed.
487737. Mexico 500. Mexico. Cultivated. Seed.
487738. Mexico 501. Mexico. Cultivated. Seed.
487739. Mexico 502. Mexico. Cultivated. Seed.
487740. Mexico 503. Mexico. Cultivated. Seed.
487741. Mexico 504. Mexico. Cultivated. Seed.
487742. Mexico 505. Mexico. Cultivated. Seed.
487743. Mexico 506. Mexico. Cultivated. Seed.
487744. Mexico 507. Mexico. Cultivated. Seed.
487745. Mexico 509. Mexico. Cultivated. Seed.
487746. Mexico 510. Mexico. Cultivated. Seed.
487747. Mexico 511. Mexico. Cultivated. Seed.
487748. Mexico 512. Mexico. Cultivated. Seed.
487749. Mexico 513. Mexico. Cultivated. Seed.

487636 TO 489684-continued

487750. Mexico 514. Mexico. Cultivated. Seed.
487751. Mexico 515. Mexico. Cultivated. Seed.
487752. Mexico 516. Mexico. Cultivated. Seed.
487753. Mexico 517. Mexico. Cultivated. Seed.
487754. Mexico 518. Mexico. Cultivated. Seed.
487755. Mexico 519. Mexico. Cultivated. Seed.
487756. Mexico 520. Mexico. Cultivated. Seed.
487757. Mexico 521. Mexico. Cultivated. Seed.
487758. Mexico 522. Mexico. Cultivated. Seed.
487759. Mexico 523. Mexico. Cultivated. Seed.
487760. Mexico 524. Mexico. Cultivated. Seed.
487761. Mexico 525. Mexico. Cultivated. Seed.
487762. Mexico 526. Mexico. Cultivated. Seed.
487763. Mexico 527. Mexico. Cultivated. Seed.
487764. Mexico 528. Mexico. Cultivated. Seed.
487765. Mexico 529. Mexico. Cultivated. Seed.
487766. Mexico 530. Mexico. Cultivated. Seed.
487767. Mexico 531. Mexico. Cultivated. Seed.
487768. Mexico 532. Mexico. Cultivated. Seed.
487769. Mexico 533. Mexico. Cultivated. Seed.
487770. Mexico 534. Mexico. Cultivated. Seed.
487771. Mexico 535. Mexico. Cultivated. Seed.
487772. Mexico 536. Mexico. Cultivated. Seed.
487773. Mexico 537. Mexico. Cultivated. Seed.
487774. Mexico 538. Mexico. Cultivated. Seed.
487775. Mexico 539. Mexico. Cultivated. Seed.

487636 TO 489684-continued

487776. Mexico 540. Mexico. Cultivated. Seed.
487777. Mexico 541. Mexico. Cultivated. Seed.
487778. Mexico 542. Mexico. Cultivated. Seed.
487779. Mexico 543. Mexico. Cultivated. Seed.
487780. Mexico 544. Mexico. Cultivated. Seed.
487781. Mexico 545. Mexico. Cultivated. Seed.
487782. Mexico 546. Mexico. Cultivated. Seed.
487783. Mexico 547. Mexico. Cultivated. Seed.
487784. Mexico 548. Mexico. Cultivated. Seed.
487785. Mexico 550. Mexico. Cultivated. Seed.
487786. Mexico 551. Mexico. Cultivated. Seed.
487787. Mexico 552. Mexico. Cultivated. Seed.
487788. Mexico 553. Mexico. Cultivated. Seed.
487789. Mexico 554. Mexico. Cultivated. Seed.
487790. Mexico 555. Mexico. Cultivated. Seed.
487791. Mexico 556. Mexico. Cultivated. Seed.
487792. Mexico 557. Mexico. Cultivated. Seed.
487793. Mexico 558. Mexico. Cultivated. Seed.
487794. Mexico 559. Mexico. Cultivated. Seed.
487795. Mexico 560. Mexico. Cultivated. Seed.
487796. Mexico 561. Mexico. Cultivated. Seed.
487797. Mexico 562. Mexico. Cultivated. Seed.
487798. Mexico 563. Mexico. Cultivated. Seed.
487799. Mexico 564. Mexico. Cultivated. Seed.
487800. Mexico 565. Mexico. Cultivated. Seed.
487801. Mexico 566. Mexico. Cultivated. Seed.

487636 TO 489684-continued

487802. Mexico 567. Mexico. Cultivated. Seed.
487803. Mexico 568. Mexico. Cultivated. Seed.
487804. Mexico 569. Mexico. Cultivated. Seed.
487805. Mexico 570. Mexico. Cultivated. Seed.
487806. Mexico 572. Mexico. Cultivated. Seed.
487807. Mexico 573. Mexico. Cultivated. Seed.
487808. Mexico 574. Mexico. Cultivated. Seed.
487809. Mexico 575. Mexico. Cultivated. Seed.
487810. Mexico 576. Mexico. Cultivated. Seed.
487811. Mexico 577. Mexico. Cultivated. Seed.
487812. Mexico 578. Mexico. Cultivated. Seed.
487813. Mexico 579. Mexico. Cultivated. Seed.
487814. Mexico 580. Mexico. Cultivated. Seed.
487815. Mexico 581. Mexico. Cultivated. Seed.
487816. Mexico 582. Mexico. Cultivated. Seed.
487817. Mexico 583. Mexico. Cultivated. Seed.
487818. Mexico 584. Mexico. Cultivated. Seed.
487819. Mexico 585. Mexico. Cultivated. Seed.
487820. Mexico 586. Mexico. Cultivated. Seed.
487821. Mexico 589. Mexico. Cultivated. Seed.
487822. Mexico 590. Mexico. Cultivated. Seed.
487823. Mexico 591. Mexico. Cultivated. Seed.
487824. Mexico 592. Mexico. Cultivated. Seed.
487825. Mexico 593. Mexico. Cultivated. Seed.
487826. Mexico 594. Mexico. Cultivated. Seed.
487827. Mexico 595. Mexico. Cultivated. Seed.

487636 TO 489684-continued

487828. Mexico 596. Mexico. Cultivated. Seed.
487829. Mexico 597. Mexico. Cultivated. Seed.
487830. Mexico 598. Mexico. Cultivated. Seed.
487831. Mexico 599. Mexico. Cultivated. Seed.
487832. Mexico 600. Mexico. Cultivated. Seed.
487833. Mexico 601. Mexico. Cultivated. Seed.
487834. Mexico 603. Mexico. Cultivated. Seed.
487835. Mexico 604. Mexico. Cultivated. Seed.
487836. Tlaxcala 304. Mexico. Tlaxcala. Cultivated. Seed.
487837. Tlaxcala 305. Mexico. Tlaxcala. Cultivated. Seed.
487838. Tlaxcala 306. Mexico. Tlaxcala. Cultivated. Seed.
487839. Tlaxcala 307. Mexico. Tlaxcala. Cultivated. Seed.
487840. Tlaxcala 308. Mexico. Tlaxcala. Cultivated. Seed.
487841. Tlaxcala 309. Mexico. Tlaxcala. Cultivated. Seed.
487842. Tlaxcala 310. Mexico. Tlaxcala. Cultivated. Seed.
487843. Tlaxcala 311. Mexico. Tlaxcala. Cultivated. Seed.
487844. Tlaxcala 312. Mexico. Tlaxcala. Cultivated. Seed.
487845. Tlaxcala 313. Mexico. Tlaxcala. Cultivated. Seed.
487846. Tlaxcala 314. Mexico. Tlaxcala. Cultivated. Seed.
487847. Tlaxcala 315. Mexico. Tlaxcala. Cultivated. Seed.
487848. Tlaxcala 316. Mexico. Tlaxcala. Cultivated. Seed.
487849. Tlaxcala 317. Mexico. Tlaxcala. Cultivated. Seed.
487850. Tlaxcala 318. Mexico. Tlaxcala. Cultivated. Seed.
487851. Tlaxcala 319. Mexico. Tlaxcala. Cultivated. Seed.
487852. Tlaxcala 320. Mexico. Tlaxcala. Cultivated. Seed.
487853. Tlaxcala 321. Mexico. Tlaxcala. Cultivated. Seed.

487636 TO 489684-continued

- 487854. Tlaxcala 322. Mexico. Tlaxcala. Cultivated. Seed.
- 487855. Veracruz 316. Mexico. Veracruz. Cultivated. Seed.
- 487856. Veracruz 317. Mexico. Veracruz. Cultivated. Seed.
- 487857. Veracruz 318. Mexico. Veracruz. Cultivated. Seed.
- 487858. Veracruz 319. Mexico. Veracruz. Cultivated. Seed.
- 487859. Veracruz 320. Mexico. Veracruz. Cultivated. Seed.
- 487860. Veracruz 321. Mexico. Veracruz. Cultivated. Seed.
- 487861. Veracruz 326. Mexico. Veracruz. Cultivated. Seed.
- 487862. Veracruz 330. Mexico. Veracruz. Cultivated. Seed.
- 487863. Veracruz 333. Mexico. Veracruz. Cultivated. Seed.
- 487864. Veracruz Group 2. Mexico. Veracruz. Cultivated. Seed.
- 487865. Veracruz Group 4. Mexico. Veracruz. Cultivated. Seed.
- 487866. Zacatecas 2. Mexico. Zacatecas. Cultivated. Seed.
- 487867. Zacatecas 4. Mexico. Zacatecas. Cultivated. Seed.
- 487868. Zacatecas 6. Mexico. Zacatecas. Cultivated. Seed.
- 487869. Zacatecas 44. Mexico. Zacatecas. Cultivated. Seed.
- 487870. Zacatecas 50. Mexico. Zacatecas. Cultivated. Seed.
- 487871. Zacatecas 166. Mexico. Zacatecas. Cultivated. Seed.
- 487872. Zacatecas 170. Mexico. Zacatecas. Cultivated. Seed.
- 487873. Zacatecas 171. Mexico. Zacatecas. Cultivated. Seed.
- 487874. Zacatecas 172. Mexico. Zacatecas. Cultivated. Seed.
- 487875. Zacatecas 173. Mexico. Zacatecas. Cultivated. Seed.
- 487876. Zacatecas 176. Mexico. Zacatecas. Cultivated. Seed.
- 487877. Zacatecas 187. Mexico. Zacatecas. Cultivated. Seed.
- 487878. Zacatecas 191. Mexico. Zacatecas. Cultivated. Seed.
- 487879. Zacatecas 194. Mexico. Zacatecas. Cultivated. Seed.

487636 TO 489684-continued

487880. Zacatecas 200. Mexico. Zacatecas. Cultivated. Seed.
487881. Zacatecas 202. Mexico. Zacatecas. Cultivated. Seed.
487882. Zacatecas 203. Mexico. Zacatecas. Cultivated. Seed.
487883. Zacatecas 205. Mexico. Zacatecas. Cultivated. Seed.
487884. Zacatecas 209. Mexico. Zacatecas. Cultivated. Seed.
487885. Zacatecas 215. Mexico. Zacatecas. Cultivated. Seed.
487886. Ecuador 323. Ecuador. Cultivated. Seed.
487887. Ecuador 324. Ecuador. Cultivated. Seed.
487888. Ecuador 325. Ecuador. Cultivated. Seed.
487889. Ecuador 326. Ecuador. Cultivated. Seed.
487890. Ecuador 327. Ecuador. Cultivated. Seed.
487891. Ecuador 328. Ecuador. Cultivated. Seed.
487892. Ecuador 329. Ecuador. Cultivated. Seed.
487893. Ecuador 330. Ecuador. Cultivated. Seed.
487894. Ecuador 331. Ecuador. Cultivated. Seed.
487895. Ecuador 332. Ecuador. Cultivated. Seed.
487896. Ecuador 335. Ecuador. Cultivated. Seed.
487897. Ecuador 336. Ecuador. Cultivated. Seed.
487898. Ecuador 338. Ecuador. Cultivated. Seed.
487899. Ecuador 339. Ecuador. Cultivated. Seed.
487900. Ecuador 341. Ecuador. Cultivated. Seed.
487901. Ecuador 342. Ecuador. Cultivated. Seed.
487902. Ecuador 343. Ecuador. Cultivated. Seed.
487903. Ecuador 344. Ecuador. Cultivated. Seed.
487904. Ecuador 345. Ecuador. Cultivated. Seed.
487905. Ecuador 347. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

487906. Ecuador 350. Ecuador. Cultivated. Seed.
487907. Ecuador 351. Ecuador. Cultivated. Seed.
487908. Ecuador 357. Ecuador. Cultivated. Seed.
487909. Ecuador 358. Ecuador. Cultivated. Seed.
487910. Ecuador 359. Ecuador. Cultivated. Seed.
487911. Ecuador 361. Ecuador. Cultivated. Seed.
487912. Ecuador 362. Ecuador. Cultivated. Seed.
487913. Ecuador 364. Ecuador. Cultivated. Seed.
487914. Ecuador 365. Ecuador. Cultivated. Seed.
487915. Ecuador 368. Ecuador. Cultivated. Seed.
487916. Ecuador 369. Ecuador. Cultivated. Seed.
487917. Ecuador 370. Ecuador. Cultivated. Seed.
487918. Ecuador 372. Ecuador. Cultivated. Seed.
487919. Ecuador 377. Ecuador. Cultivated. Seed.
487920. Ecuador 382. Ecuador. Cultivated. Seed.
487921. Ecuador 383. Ecuador. Cultivated. Seed.
487922. Ecuador 526. Ecuador. Cultivated. Seed.
487923. Ecuador 531. Ecuador. Cultivated. Seed.
487924. Ecuador 535. Ecuador. Cultivated. Seed.
487925. Ecuador 540. Ecuador. Cultivated. Seed.
487926. Ecuador 542. Ecuador. Cultivated. Seed.
487927. Ecuador 548. Ecuador. Cultivated. Seed.
487928. Ecuador 550. Ecuador. Cultivated. Seed.
487929. Ecuador 569. Ecuador. Cultivated. Seed.
487930. Ecuador 604. Ecuador. Cultivated. Seed.
487931. Ecuador 611. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

487932. Ecuador 614. Ecuador. Cultivated. Seed.
487933. Ecuador 617. Ecuador. Cultivated. Seed.
487934. Ecuador 627. Ecuador. Cultivated. Seed.
487935. Ecuador 628. Ecuador. Cultivated. Seed.
487936. Ecuador 629. Ecuador. Cultivated. Seed.
487937. Ecuador 635. Ecuador. Cultivated. Seed.
487938. Ecuador 645. Ecuador. Cultivated. Seed.
487939. Ecuador 653. Ecuador. Cultivated. Seed.
487940. Ecuador 659. Ecuador. Cultivated. Seed.
487941. Ecuador 660. Ecuador. Cultivated. Seed.
487942. Ecuador 665. Ecuador. Cultivated. Seed.
487943. Ecuador 668. Ecuador. Cultivated. Seed.
487944. Ecuador 669. Ecuador. Cultivated. Seed.
487945. Ecuador 670. Ecuador. Cultivated. Seed.
487946. Ecuador 674. Ecuador. Cultivated. Seed.
487947. Ecuador 678. Ecuador. Cultivated. Seed.
487948. Ecuador 685. Ecuador. Cultivated. Seed.
487949. Ecuador 686. Ecuador. Cultivated. Seed.
487950. Ecuador 692. Ecuador. Cultivated. Seed.
487951. Ecuador 717. Ecuador. Cultivated. Seed.
487952. Ecuador 718. Ecuador. Cultivated. Seed.
487953. Ecuador 722. Ecuador. Cultivated. Seed.
487954. Ecuador 748. Ecuador. Cultivated. Seed.
487955. Ecuador 759. Ecuador. Cultivated. Seed.
487956. Ecuador 760. Ecuador. Cultivated. Seed.
487957. Ecuador 763. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

487958. Ecuador 765. Ecuador. Cultivated. Seed.
487959. Ecuador 770. Ecuador. Cultivated. Seed.
487960. Ecuador 771. Ecuador. Cultivated. Seed.
487961. Ecuador 772. Ecuador. Cultivated. Seed.
487962. Ecuador 773. Ecuador. Cultivated. Seed.
487963. Ecuador 774. Ecuador. Cultivated. Seed.
487964. Ecuador 776. Ecuador. Cultivated. Seed.
487965. Ecuador 777. Ecuador. Cultivated. Seed.
487966. Ecuador 778. Ecuador. Cultivated. Seed.
487967. Ecuador 779. Ecuador. Cultivated. Seed.
487968. Ecuador 780. Ecuador. Cultivated. Seed.
487969. Ecuador 781. Ecuador. Cultivated. Seed.
487970. Ecuador 837. Ecuador. Cultivated. Seed.
487971. Ecuador 838. Ecuador. Cultivated. Seed.
487972. Ecuador 839. Ecuador. Cultivated. Seed.
487973. Ecuador 840. Ecuador. Cultivated. Seed.
487974. Ecuador 841. Ecuador. Cultivated. Seed.
487975. Ecuador 842. Ecuador. Cultivated. Seed.
487976. Ecuador 843. Ecuador. Cultivated. Seed.
487977. Ecuador 846. Ecuador. Cultivated. Seed.
487978. Ecuador 847. Ecuador. Cultivated. Seed.
487979. Ecuador 848. Ecuador. Cultivated. Seed.
487980. Ecuador 851. Ecuador. Cultivated. Seed.
487981. Ecuador 853. Ecuador. Cultivated. Seed.
487982. Ecuador 856. Ecuador. Cultivated. Seed.
487983. Ecuador 857. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

487984. Ecuador 858. Ecuador. Cultivated. Seed.
487985. Ecuador 861. Ecuador. Cultivated. Seed.
487986. Ecuador 862. Ecuador. Cultivated. Seed.
487987. Ecuador 865. Ecuador. Cultivated. Seed.
487988. Ecuador 869. Ecuador. Cultivated. Seed.
487989. Ecuador 872. Ecuador. Cultivated. Seed.
487990. Ecuador 874. Ecuador. Cultivated. Seed.
487991. Ecuador 877. Ecuador. Cultivated. Seed.
487992. Ecuador 880. Ecuador. Cultivated. Seed.
487993. Ecuador 896. Ecuador. Cultivated. Seed.
487994. Ecuador 904. Ecuador. Cultivated. Seed.
487995. Ecuador 920. Ecuador. Cultivated. Seed.
487996. Ecuador 926. Ecuador. Cultivated. Seed.
487997. Ecuador 935. Ecuador. Cultivated. Seed.
487998. Ecuador 939. Ecuador. Cultivated. Seed.
487999. Ecuador 947. Ecuador. Cultivated. Seed.
488000. Ecuador 957. Ecuador. Cultivated. Seed.
488001. Ecuador 975. Ecuador. Cultivated. Seed.
488002. Ecuador 976. Ecuador. Cultivated. Seed.
488003. Peru 396. Peru. Cultivated. Seed.
488004. Peru 489. Peru. Cultivated. Seed.
488005. Peru 564. Peru. Cultivated. Seed.
488006. Peru 592. Peru. Cultivated. Seed.
488007. Peru 602. Peru. Cultivated. Seed.
488008. Peru 611. Peru. Cultivated. Seed.
488009. Peru 613. Peru. Cultivated. Seed.

487636 TO 489684-continued

488010. Peru 617. Peru. Cultivated. Seed.
488011. Peru 626. Peru. Cultivated. Seed.
488012. Peru 628. Peru. Cultivated. Seed.
488013. Peru 631. Peru. Cultivated. Seed.
488014. Peru 803. Peru. Cultivated. Seed.
488015. Ecuador 320. Ecuador. Cultivated. Seed.
488016. Ecuador 321. Ecuador. Cultivated. Seed.
488017. Ecuador 322. Ecuador. Cultivated. Seed.
488018. Ecuador 333. Ecuador. Cultivated. Seed.
488019. Ecuador 334. Ecuador. Cultivated. Seed.
488020. Ecuador 337. Ecuador. Cultivated. Seed.
488021. Ecuador 340. Ecuador. Cultivated. Seed.
488022. Ecuador 349. Ecuador. Cultivated. Seed.
488023. Ecuador 352. Ecuador. Cultivated. Seed.
488024. Ecuador 360. Ecuador. Cultivated. Seed.
488025. Ecuador 389. Ecuador. Cultivated. Seed.
488026. Ecuador 392. Ecuador. Cultivated. Seed.
488027. Ecuador 395. Ecuador. Cultivated. Seed.
488028. Ecuador 396. Ecuador. Cultivated. Seed.
488029. Ecuador 398. Ecuador. Cultivated. Seed.
488030. Ecuador 399. Ecuador. Cultivated. Seed.
488031. Ecuador 400. Ecuador. Cultivated. Seed.
488032. Ecuador 401. Ecuador. Cultivated. Seed.
488033. Ecuador 406. Ecuador. Cultivated. Seed.
488034. Ecuador 407. Ecuador. Cultivated. Seed.
488035. Ecuador 408. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488036. Ecuador 409. Ecuador. Cultivated. Seed.
488037. Ecuador 410. Ecuador. Cultivated. Seed.
488038. Ecuador 413. Ecuador. Cultivated. Seed.
488039. Ecuador 417. Ecuador. Cultivated. Seed.
488040. Ecuador 418. Ecuador. Cultivated. Seed.
488041. Ecuador 420. Ecuador. Cultivated. Seed.
488042. Ecuador 421. Ecuador. Cultivated. Seed.
488043. Ecuador 422. Ecuador. Cultivated. Seed.
488044. Ecuador 424. Ecuador. Cultivated. Seed.
488045. Ecuador 425. Ecuador. Cultivated. Seed.
488046. Ecuador 426. Ecuador. Cultivated. Seed.
488047. Ecuador 429. Ecuador. Cultivated. Seed.
488048. Ecuador 430. Ecuador. Cultivated. Seed.
488049. Ecuador 432. Ecuador. Cultivated. Seed.
488050. Ecuador 433. Ecuador. Cultivated. Seed.
488051. Ecuador 434. Ecuador. Cultivated. Seed.
488052. Ecuador 436. Ecuador. Cultivated. Seed.
488053. Ecuador 437. Ecuador. Cultivated. Seed.
488054. Ecuador 438. Ecuador. Cultivated. Seed.
488055. Ecuador 441. Ecuador. Cultivated. Seed.
488056. Ecuador 442. Ecuador. Cultivated. Seed.
488057. Ecuador 443. Ecuador. Cultivated. Seed.
488058. Ecuador 444. Ecuador. Cultivated. Seed.
488059. Ecuador 445. Ecuador. Cultivated. Seed.
488060. Ecuador 446. Ecuador. Cultivated. Seed.
488061. Ecuador 447. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488062. Ecuador 448. Ecuador. Cultivated. Seed.
488063. Ecuador 452. Ecuador. Cultivated. Seed.
488064. Ecuador 455. Ecuador. Cultivated. Seed.
488065. Ecuador 456. Ecuador. Cultivated. Seed.
488066. Ecuador 458. Ecuador. Cultivated. Seed.
488067. Ecuador 459. Ecuador. Cultivated. Seed.
488068. Ecuador 460. Ecuador. Cultivated. Seed.
488069. Ecuador 462. Ecuador. Cultivated. Seed.
488070. Ecuador 464. Ecuador. Cultivated. Seed.
488071. Ecuador 466. Ecuador. Cultivated. Seed.
488072. Ecuador 467. Ecuador. Cultivated. Seed.
488073. Ecuador 469. Ecuador. Cultivated. Seed.
488074. Ecuador 470. Ecuador. Cultivated. Seed.
488075. Ecuador 471. Ecuador. Cultivated. Seed.
488076. Ecuador 473. Ecuador. Cultivated. Seed.
488077. Ecuador 474. Ecuador. Cultivated. Seed.
488078. Ecuador 475. Ecuador. Cultivated. Seed.
488079. Ecuador 476. Ecuador. Cultivated. Seed.
488080. Ecuador 477. Ecuador. Cultivated. Seed.
488081. Ecuador 478. Ecuador. Cultivated. Seed.
488082. Ecuador 479. Ecuador. Cultivated. Seed.
488083. Ecuador 483. Ecuador. Cultivated. Seed.
488084. Ecuador 486. Ecuador. Cultivated. Seed.
488085. Ecuador 487. Ecuador. Cultivated. Seed.
488086. Ecuador 488. Ecuador. Cultivated. Seed.
488087. Ecuador 489. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488088. Ecuador 490. Ecuador. Cultivated. Seed.
488089. Ecuador 491. Ecuador. Cultivated. Seed.
488090. Ecuador 492. Ecuador. Cultivated. Seed.
488091. Ecuador 493. Ecuador. Cultivated. Seed.
488092. Ecuador 494. Ecuador. Cultivated. Seed.
488093. Ecuador 495. Ecuador. Cultivated. Seed.
488094. Ecuador 496. Ecuador. Cultivated. Seed.
488095. Ecuador 497. Ecuador. Cultivated. Seed.
488096. Ecuador 499. Ecuador. Cultivated. Seed.
488097. Ecuador 500. Ecuador. Cultivated. Seed.
488098. Ecuador 501. Ecuador. Cultivated. Seed.
488099. Ecuador 502. Ecuador. Cultivated. Seed.
488100. Ecuador 503. Ecuador. Cultivated. Seed.
488101. Ecuador 504. Ecuador. Cultivated. Seed.
488102. Ecuador 505. Ecuador. Cultivated. Seed.
488103. Ecuador 506. Ecuador. Cultivated. Seed.
488104. Ecuador 508. Ecuador. Cultivated. Seed.
488105. Ecuador 509. Ecuador. Cultivated. Seed.
488106. Ecuador 512. Ecuador. Cultivated. Seed.
488107. Ecuador 513. Ecuador. Cultivated. Seed.
488108. Ecuador 514. Ecuador. Cultivated. Seed.
488109. Ecuador 517. Ecuador. Cultivated. Seed.
488110. Ecuador 518. Ecuador. Cultivated. Seed.
488111. Ecuador 519. Ecuador. Cultivated. Seed.
488112. Ecuador 520. Ecuador. Cultivated. Seed.
488113. Ecuador 523. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488114. Ecuador 524. Ecuador. Cultivated. Seed.
488115. Ecuador 529. Ecuador. Cultivated. Seed.
488116. Ecuador 533. Ecuador. Cultivated. Seed.
488117. Ecuador 537. Ecuador. Cultivated. Seed.
488118. Ecuador 539. Ecuador. Cultivated. Seed.
488119. Ecuador 546. Ecuador. Cultivated. Seed.
488120. Ecuador 547. Ecuador. Cultivated. Seed.
488121. Ecuador 549. Ecuador. Cultivated. Seed.
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488123. Ecuador 552. Ecuador. Cultivated. Seed.
488124. Ecuador 553. Ecuador. Cultivated. Seed.
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488126. Ecuador 555. Ecuador. Cultivated. Seed.
488127. Ecuador 557. Ecuador. Cultivated. Seed.
488128. Ecuador 559. Ecuador. Cultivated. Seed.
488129. Ecuador 561. Ecuador. Cultivated. Seed.
488130. Ecuador 563. Ecuador. Cultivated. Seed.
488131. Ecuador 565. Ecuador. Cultivated. Seed.
488132. Ecuador 567. Ecuador. Cultivated. Seed.
488133. Ecuador 568. Ecuador. Cultivated. Seed.
488134. Ecuador 570. Ecuador. Cultivated. Seed.
488135. Ecuador 571. Ecuador. Cultivated. Seed.
488136. Ecuador 573. Ecuador. Cultivated. Seed.
488137. Ecuador 574. Ecuador. Cultivated. Seed.
488138. Ecuador 575. Ecuador. Cultivated. Seed.
488139. Ecuador 578. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488140. Ecuador 580. Ecuador. Cultivated. Seed.
488141. Ecuador 582. Ecuador. Cultivated. Seed.
488142. Ecuador 584. Ecuador. Cultivated. Seed.
488143. Ecuador 586. Ecuador. Cultivated. Seed.
488144. Ecuador 588. Ecuador. Cultivated. Seed.
488145. Ecuador 600. Ecuador. Cultivated. Seed.
488146. Ecuador 606. Ecuador. Cultivated. Seed.
488147. Ecuador 610. Ecuador. Cultivated. Seed.
488148. Ecuador 616. Ecuador. Cultivated. Seed.
488149. Ecuador 619. Ecuador. Cultivated. Seed.
488150. Ecuador 621. Ecuador. Cultivated. Seed.
488151. Ecuador 622. Ecuador. Cultivated. Seed.
488152. Ecuador 625. Ecuador. Cultivated. Seed.
488153. Ecuador 633. Ecuador. Cultivated. Seed.
488154. Ecuador 636. Ecuador. Cultivated. Seed.
488155. Ecuador 642. Ecuador. Cultivated. Seed.
488156. Ecuador 649. Ecuador. Cultivated. Seed.
488157. Ecuador 654. Ecuador. Cultivated. Seed.
488158. Ecuador 655. Ecuador. Cultivated. Seed.
488159. Ecuador 658. Ecuador. Cultivated. Seed.
488160. Ecuador 661. Ecuador. Cultivated. Seed.
488161. Ecuador 663. Ecuador. Cultivated. Seed.
488162. Ecuador 675. Ecuador. Cultivated. Seed.
488163. Ecuador 681. Ecuador. Cultivated. Seed.
488164. Ecuador 682. Ecuador. Cultivated. Seed.
488165. Ecuador 683. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488166. Ecuador 684. Ecuador. Cultivated. Seed.
488167. Ecuador 687. Ecuador. Cultivated. Seed.
488168. Ecuador 688. Ecuador. Cultivated. Seed.
488169. Ecuador 689. Ecuador. Cultivated. Seed.
488170. Ecuador 690. Ecuador. Cultivated. Seed.
488171. Ecuador 693. Ecuador. Cultivated. Seed.
488172. Ecuador 700. Ecuador. Cultivated. Seed.
488173. Ecuador 703. Ecuador. Cultivated. Seed.
488174. Ecuador 705. Ecuador. Cultivated. Seed.
488175. Ecuador 709. Ecuador. Cultivated. Seed.
488176. Ecuador 713. Ecuador. Cultivated. Seed.
488177. Ecuador 716. Ecuador. Cultivated. Seed.
488178. Ecuador 721. Ecuador. Cultivated. Seed.
488179. Ecuador 732. Ecuador. Cultivated. Seed.
488180. Ecuador 733. Ecuador. Cultivated. Seed.
488181. Ecuador 743. Ecuador. Cultivated. Seed.
488182. Ecuador 744. Ecuador. Cultivated. Seed.
488183. Ecuador 750. Ecuador. Cultivated. Seed.
488184. Ecuador 753. Ecuador. Cultivated. Seed.
488185. Ecuador 757. Ecuador. Cultivated. Seed.
488186. Ecuador 758. Ecuador. Cultivated. Seed.
488187. Ecuador 762. Ecuador. Cultivated. Seed.
488188. Ecuador 768. Ecuador. Cultivated. Seed.
488189. Ecuador 859. Ecuador. Cultivated. Seed.
488190. Ecuador 866. Ecuador. Cultivated. Seed.
488191. Ecuador 873. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488192. Ecuador 879. Ecuador. Cultivated. Seed.
488193. Ecuador 882. Ecuador. Cultivated. Seed.
488194. Ecuador 888. Ecuador. Cultivated. Seed.
488195. Ecuador 889. Ecuador. Cultivated. Seed.
488196. Ecuador 895. Ecuador. Cultivated. Seed.
488197. Ecuador 897. Ecuador. Cultivated. Seed.
488198. Ecuador 898. Ecuador. Cultivated. Seed.
488199. Ecuador 905. Ecuador. Cultivated. Seed.
488200. Ecuador 907. Ecuador. Cultivated. Seed.
488201. Ecuador 908. Ecuador. Cultivated. Seed.
488202. Ecuador 909. Ecuador. Cultivated. Seed.
488203. Brasil 389. Brazil. Cultivated. Seed.
488204. Brasil 415. Brazil. Cultivated. Seed.
488205. Brasil 426. Brazil. Cultivated. Seed.
488206. Brasil 447. Brazil. Cultivated. Seed.
488207. Brasil 556. Brazil. Cultivated. Seed.
488208. Brasil 558. Brazil. Cultivated. Seed.
488209. Brasil 758. Brazil. Cultivated. Seed.
488210. Brasil 761. Brazil. Cultivated. Seed.
488211. Brasil 765. Brazil. Cultivated. Seed.
488212. Brasil 774. Brazil. Cultivated. Seed.
488213. Brasil 885. Brazil. Cultivated. Seed.
488214. Brasil 1148. Brazil. Cultivated. Seed.
488215. Brasil 1167. Brazil. Cultivated. Seed.
488216. Brasil 1407. Brazil. Cultivated. Seed.
488217. Brasil 1422. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488218. Brasil 1431. Brazil. Cultivated. Seed.
488219. Brasil 1448. Brazil. Cultivated. Seed.
488220. Brasil 1593. Brazil. Cultivated. Seed.
488221. Brasil 1603. Brazil. Cultivated. Seed.
488222. Brasil 1611. Brazil. Cultivated. Seed.
488223. Brasil 1621. Brazil. Cultivated. Seed.
488224. Brasil 1622. Brazil. Cultivated. Seed.
488225. Brasil 1695. Brazil. Cultivated. Seed.
488226. Brasil 1934. Brazil. Cultivated. Seed.
488227. Brasil 2001. Brazil. Cultivated. Seed.
488228. Brasil 2033. Brazil. Cultivated. Seed.
488229. Brasil 2061. Brazil. Cultivated. Seed.
488230. Brasil 2065. Brazil. Cultivated. Seed.
488231. Brasil 2160. Brazil. Cultivated. Seed.
488232. Brasil 2167. Brazil. Cultivated. Seed.
488233. Brasil 2193. Brazil. Cultivated. Seed.
488234. Brasil 2264. Brazil. Cultivated. Seed.
488235. Brasil 2416. Brazil. Cultivated. Seed.
488236. Brasil 2420. Brazil. Cultivated. Seed.
488237. Brasil 2767. Brazil. Cultivated. Seed.
488238. Brasil 2824. Brazil. Cultivated. Seed.
488239. Brasil 2825. Brazil. Cultivated. Seed.
488240. Costa Rica 277. Costa Rica. Cultivated. Seed.
488241. Costa Rica 278. Costa Rica. Cultivated. Seed.
488242. Costa Rica 281. Costa Rica. Cultivated. Seed.
488243. Costa Rica 283. Costa Rica. Cultivated. Seed.

487636 TO 489684-continued

488244. Costa Rica 284. Costa Rica. Cultivated. Seed.
488245. Costa Rica 297. Costa Rica. Cultivated. Seed.
488246. Costa Rica 302. Costa Rica. Cultivated. Seed.
488247. Costa Rica 316. Costa Rica. Cultivated. Seed.
488248. Costa Rica 317. Costa Rica. Cultivated. Seed.
488249. Costa Rica 318. Costa Rica. Cultivated. Seed.
488250. Costa Rica 323. Costa Rica. Cultivated. Seed.
488251. Costa Rica 330. Costa Rica. Cultivated. Seed.
488252. Costa Rica 359. Costa Rica. Cultivated. Seed.
488253. Costa Rica 384. Costa Rica. Cultivated. Seed.
488254. Costa Rica 385. Costa Rica. Cultivated. Seed.
488255. Costa Rica 389. Costa Rica. Cultivated. Seed.
488256. Costa Rica 393. Costa Rica. Cultivated. Seed.
488257. Peru 417. Peru. Cultivated. Seed.
488258. Peru 423. Peru. Cultivated. Seed.
488259. Peru 424. Peru. Cultivated. Seed.
488260. Peru 450. Peru. Cultivated. Seed.
488261. Peru 500. Peru. Cultivated. Seed.
488262. Peru 508. Peru. Cultivated. Seed.
488263. Peru 511. Peru. Cultivated. Seed.
488264. Peru 513. Peru. Cultivated. Seed.
488265. Peru 514. Peru. Cultivated. Seed.
488266. Peru 515. Peru. Cultivated. Seed.
488267. Peru 523. Peru. Cultivated. Seed.
488268. Peru 536. Peru. Cultivated. Seed.
488269. Peru 540. Peru. Cultivated. Seed.

487636 TO 489684-continued

- 488270. Peru 544. Peru. Cultivated. Seed.
- 488271. Peru 658. Peru. Cultivated. Seed.
- 488272. Peru 681. Peru. Cultivated. Seed.
- 488273. Peru 686. Peru. Cultivated. Seed.
- 488274. Peru 703. Peru. Cultivated. Seed.
- 488275. Peru 808. Peru. Cultivated. Seed.
- 488276. Peru 836. Peru. Cultivated. Seed.
- 488277. Peru 846. Peru. Cultivated. Seed.
- 488278. Peru 900. Peru. Cultivated. Seed.
- 488279. Peru 917. Peru. Cultivated. Seed.
- 488280. Peru 925. Peru. Cultivated. Seed.
- 488281. Peru 949. Peru. Cultivated. Seed.
- 488282. Peru 951. Peru. Cultivated. Seed.
- 488283. Peru 1077. Peru. Cultivated. Seed.
- 488284. Peru 1097. Peru. Cultivated. Seed.
- 488285. Peru 1122. Peru. Cultivated. Seed.
- 488286. Peru 1149. Peru. Cultivated. Seed.
- 488287. Peru 1196. Peru. Cultivated. Seed.
- 488288. Peru 1221. Peru. Cultivated. Seed.
- 488289. Peru 1232. Peru. Cultivated. Seed.
- 488290. Peru 1233. Peru. Cultivated. Seed.
- 488291. Peru 1242. Peru. Cultivated. Seed.
- 488292. Peru 1283. Peru. Cultivated. Seed.
- 488293. Peru 1303. Peru. Cultivated. Seed.
- 488294. Argentina Group 3. Argentina. Cultivated. Seed.
- 488295. Brasil 448. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488296. Brasil 972. Brazil. Cultivated. Seed.
488297. Brasil 1094. Brazil. Cultivated. Seed.
488298. Brasil 1440. Brazil. Cultivated. Seed.
488299. Brasil 1444. Brazil. Cultivated. Seed.
488300. Brasil 1547. Brazil. Cultivated. Seed.
488301. Brasil 1595. Brazil. Cultivated. Seed.
488302. Brasil 1600. Brazil. Cultivated. Seed.
488303. Brasil 1617. Brazil. Cultivated. Seed.
488304. Brasil 1690. Brazil. Cultivated. Seed.
488305. Brasil 1830. Brazil. Cultivated. Seed.
488306. Brasil 1960. Brazil. Cultivated. Seed.
488307. Brasil 2070. Brazil. Cultivated. Seed.
488308. Brasil 2071. Brazil. Cultivated. Seed.
488309. Brasil 2074. Brazil. Cultivated. Seed.
488310. Brasil 2172. Brazil. Cultivated. Seed.
488311. Brasil 2196. Brazil. Cultivated. Seed.
488312. Minas Gerais Group 3. Brazil. Minas Gerais. Cultivated.
Seed.
488313. Rio Grande Do Sul Group 6. Brazil. Rio Grande do Sul.
Cultivated. Seed.
488314. Rio Grande Do Sul Group 8. Brazil. Rio Grande do Sul.
Cultivated. Seed.
488315. Rio Grande Do Sul Group 15. Brazil. Rio Grande do Sul.
Cultivated. Seed.
488316. Ethiopia 24. Ethiopia. Cultivated. Seed.
488317. Ethiopia 29. Ethiopia. Cultivated. Seed.
488318. French Guiana 785. French Guiana. Cultivated. Seed.
488319. French Guiana 786. French Guiana. Cultivated. Seed.

487636 TO 489684-continued

- 488320. Guyana Group 2. Guyana. Cultivated. Seed.
- 488321. Honduras 61. Honduras. Cultivated. Seed.
- 488322. Nicaragua 67. Nicaragua. Cultivated. Seed.
- 488323. Honduras 78. Honduras. Cultivated. Seed.
- 488324. Hidalgo 54. Mexico. Hidalgo. Cultivated. Seed.
- 488325. Uruguay 684. Uruguay. Cultivated. Seed.
- 488326. Uruguay 698. Uruguay. Cultivated. Seed.
- 488327. Durango 139. Mexico. Durango. Cultivated. Seed.
- 488328. Guerrero 241. Mexico. Guerrero. Cultivated. Seed.
- 488329. Guerrero 243. Mexico. Guerrero. Cultivated. Seed.
- 488330. Guerrero 244. Mexico. Guerrero. Cultivated. Seed.
- 488331. Guerrero 245. Mexico. Guerrero. Cultivated. Seed.
- 488332. Mexico 26. Mexico. Cultivated. Seed.
- 488333. Mexico 226. Mexico. Cultivated. Seed.
- 488334. Mexico 227. Mexico. Cultivated. Seed.
- 488335. Mexico 228. Mexico. Cultivated. Seed.
- 488336. Mexico 229. Mexico. Cultivated. Seed.
- 488337. Mexico 230. Mexico. Cultivated. Seed.
- 488338. Mexico 231. Mexico. Cultivated. Seed.
- 488339. Mexico 232. Mexico. Cultivated. Seed.
- 488340. Mexico 233. Mexico. Cultivated. Seed.
- 488341. Mexico 234. Mexico. Cultivated. Seed.
- 488342. Mexico 235. Mexico. Cultivated. Seed.
- 488343. Mexico 236. Mexico. Cultivated. Seed.
- 488344. Mexico 237. Mexico. Cultivated. Seed.
- 488345. Mexico 238. Mexico. Cultivated. Seed.

487636 TO 489684-continued

488346. Mexico 239. Mexico. Cultivated. Seed.
488347. Mexico 240. Mexico. Cultivated. Seed.
488348. Mexico 241. Mexico. Cultivated. Seed.
488349. Mexico 242. Mexico. Cultivated. Seed.
488350. Ecuador 313. Ecuador. Cultivated. Seed.
488351. Ecuador 544. Ecuador. Cultivated. Seed.
488352. Ecuador 545. Ecuador. Cultivated. Seed.
488353. Ecuador 591. Ecuador. Cultivated. Seed.
488354. Ecuador 657. Ecuador. Cultivated. Seed.
488355. Ecuador 664. Ecuador. Cultivated. Seed.
488356. Ecuador 676. Ecuador. Cultivated. Seed.
488357. Ecuador 677. Ecuador. Cultivated. Seed.
488358. Ecuador 694. Ecuador. Cultivated. Seed.
488359. Ecuador 695. Ecuador. Cultivated. Seed.
488360. Ecuador 714. Ecuador. Cultivated. Seed.
488361. Ecuador 715. Ecuador. Cultivated. Seed.
488362. Ecuador 724. Ecuador. Cultivated. Seed.
488363. Ecuador 746. Ecuador. Cultivated. Seed.
488364. Ecuador 749. Ecuador. Cultivated. Seed.
488365. Ecuador 751. Ecuador. Cultivated. Seed.
488366. Ecuador 752. Ecuador. Cultivated. Seed.
488367. Ecuador 755. Ecuador. Cultivated. Seed.
488368. Ecuador 855. Ecuador. Cultivated. Seed.
488369. Ecuador 863. Ecuador. Cultivated. Seed.
488370. Ecuador 867. Ecuador. Cultivated. Seed.
488371. Ecuador 881. Ecuador. Cultivated. Seed.

487636 TO 489684-continued

488372. Ecuador 883. Ecuador. Cultivated. Seed.
488373. Ecuador 884. Ecuador. Cultivated. Seed.
488374. Ecuador 886. Ecuador. Cultivated. Seed.
488375. Ecuador 887. Ecuador. Cultivated. Seed.
488376. Ecuador 892. Ecuador. Cultivated. Seed.
488377. Ecuador 899. Ecuador. Cultivated. Seed.
488378. Ecuador 902. Ecuador. Cultivated. Seed.
488379. Peru 354. Peru. Cultivated. Seed.
488380. Peru 357. Peru. Cultivated. Seed.
488381. Peru 366. Peru. Cultivated. Seed.
488382. Peru 374. Peru. Cultivated. Seed.
488383. Peru 382. Peru. Cultivated. Seed.
488384. Peru 388. Peru. Cultivated. Seed.
488385. Peru 415. Peru. Cultivated. Seed.
488386. Peru 419. Peru. Cultivated. Seed.
488387. Peru 422. Peru. Cultivated. Seed.
488388. Peru 427. Peru. Cultivated. Seed.
488389. Peru 436. Peru. Cultivated. Seed.
488390. Peru 437. Peru. Cultivated. Seed.
488391. Peru 442. Peru. Cultivated. Seed.
488392. Peru 445. Peru. Cultivated. Seed.
488393. Peru 452. Peru. Cultivated. Seed.
488394. Peru 461. Peru. Cultivated. Seed.
488395. Peru 463. Peru. Cultivated. Seed.
488396. Peru 476. Peru. Cultivated. Seed.
488397. Peru 481. Peru. Cultivated. Seed.

487636 TO 489684-continued

488398. Peru 482. Peru. Cultivated. Seed.
488399. Peru 484. Peru. Cultivated. Seed.
488400. Peru 490. Peru. Cultivated. Seed.
488401. Peru 492. Peru. Cultivated. Seed.
488402. Peru 496. Peru. Cultivated. Seed.
488403. Peru 499. Peru. Cultivated. Seed.
488404. Peru 557. Peru. Cultivated. Seed.
488405. Peru 558. Peru. Cultivated. Seed.
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488407. Peru 560. Peru. Cultivated. Seed.
488408. Peru 561. Peru. Cultivated. Seed.
488409. Peru 562. Peru. Cultivated. Seed.
488410. Peru 565. Peru. Cultivated. Seed.
488411. Peru 566. Peru. Cultivated. Seed.
488412. Peru 569. Peru. Cultivated. Seed.
488413. Peru 571. Peru. Cultivated. Seed.
488414. Peru 576. Peru. Cultivated. Seed.
488415. Peru 577. Peru. Cultivated. Seed.
488416. Peru 578. Peru. Cultivated. Seed.
488417. Peru 579. Peru. Cultivated. Seed.
488418. Peru 580. Peru. Cultivated. Seed.
488419. Peru 582. Peru. Cultivated. Seed.
488420. Peru 583. Peru. Cultivated. Seed.
488421. Peru 585. Peru. Cultivated. Seed.
488422. Peru 587. Peru. Cultivated. Seed.
488423. Peru 589. Peru. Cultivated. Seed.

487636 TO 489684-continued

488424. Peru 590. Peru. Cultivated. Seed.
488425. Peru 591. Peru. Cultivated. Seed.
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488433. Peru 601. Peru. Cultivated. Seed.
488434. Peru 602. Peru. Cultivated. Seed.
488435. Peru 603. Peru. Cultivated. Seed.
488436. Peru 604. Peru. Cultivated. Seed.
488437. Peru 605. Peru. Cultivated. Seed.
488438. Peru 606. Peru. Cultivated. Seed.
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488441. Peru 610. Peru. Cultivated. Seed.
488442. Peru 612. Peru. Cultivated. Seed.
488443. Peru 614. Peru. Cultivated. Seed.
488444. Peru 615. Peru. Cultivated. Seed.
488445. Peru 616. Peru. Cultivated. Seed.
488446. Peru 618. Peru. Cultivated. Seed.
488447. Peru 619. Peru. Cultivated. Seed.
488448. Peru 620. Peru. Cultivated. Seed.
488449. Peru 621. Peru. Cultivated. Seed.

487636 TO 489684-continued

488450. Peru 622. Peru. Cultivated. Seed.
488451. Peru 623. Peru. Cultivated. Seed.
488452. Peru 624. Peru. Cultivated. Seed.
488453. Peru 625. Peru. Cultivated. Seed.
488454. Peru 629. Peru. Cultivated. Seed.
488455. Peru 630. Peru. Cultivated. Seed.
488456. Peru 633. Peru. Cultivated. Seed.
488457. Peru 634. Peru. Cultivated. Seed.
488458. Peru 635. Peru. Cultivated. Seed.
488459. Peru 636. Peru. Cultivated. Seed.
488460. Peru 637. Peru. Cultivated. Seed.
488461. Peru 639. Peru. Cultivated. Seed.
488462. Peru 640. Peru. Cultivated. Seed.
488463. Peru 641. Peru. Cultivated. Seed.
488464. Peru 659. Peru. Cultivated. Seed.
488465. Peru 674. Peru. Cultivated. Seed.
488466. Peru 718. Peru. Cultivated. Seed.
488467. Peru 724. Peru. Cultivated. Seed.
488468. Peru 729. Peru. Cultivated. Seed.
488469. Peru 730. Peru. Cultivated. Seed.
488470. Peru 736. Peru. Cultivated. Seed.
488471. Peru 737. Peru. Cultivated. Seed.
488472. Peru 747. Peru. Cultivated. Seed.
488473. Peru 749. Peru. Cultivated. Seed.
488474. Peru 756. Peru. Cultivated. Seed.
488475. Peru 768. Peru. Cultivated. Seed.

487636 TO 489684-continued

488476. Peru 779. Peru. Cultivated. Seed.
488477. Peru 784. Peru. Cultivated. Seed.
488478. Peru 812. Peru. Cultivated. Seed.
488479. Peru 881. Peru. Cultivated. Seed.
488480. Peru 907. Peru. Cultivated. Seed.
488481. Peru 955. Peru. Cultivated. Seed.
488482. Peru 996. Peru. Cultivated. Seed.
488483. Peru 1009. Peru. Cultivated. Seed.
488484. Peru 1020. Peru. Cultivated. Seed.
488485. Peru 1039. Peru. Cultivated. Seed.
488486. Peru 1070. Peru. Cultivated. Seed.
488487. Peru 1078. Peru. Cultivated. Seed.
488488. Peru 1082. Peru. Cultivated. Seed.
488489. Peru 1101. Peru. Cultivated. Seed.
488490. Peru 1116. Peru. Cultivated. Seed.
488491. Peru 1118. Peru. Cultivated. Seed.
488492. Peru 1124. Peru. Cultivated. Seed.
488493. Peru 1125. Peru. Cultivated. Seed.
488494. Peru 1126. Peru. Cultivated. Seed.
488495. Peru 1142. Peru. Cultivated. Seed.
488496. Peru 1185. Peru. Cultivated. Seed.
488497. Peru 1315. Peru. Cultivated. Seed.
488498. Peru 1334. Peru. Cultivated. Seed.
488499. Peru 1335. Peru. Cultivated. Seed.
488500. Peru 1336. Peru. Cultivated. Seed.
488501. Peru 1337. Peru. Cultivated. Seed.

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- 488502. Peru 1338. Peru. Cultivated. Seed.
- 488503. Peru 1339. Peru. Cultivated. Seed.
- 488504. Peru 1340. Peru. Cultivated. Seed.
- 488505. Peru 1341. Peru. Cultivated. Seed.
- 488506. Peru 1345. Peru. Cultivated. Seed.
- 488507. Ethiopia 22. Ethiopia. Cultivated. Seed.
- 488508. Nicaragua 53. Nicaragua. Cultivated. Seed.
- 488509. Argentina Group 8. Argentina. Cultivated. Seed.
- 488510. Nicaragua 78. Nicaragua. Cultivated. Seed.
- 488511. Nicaragua 77. Nicaragua. Cultivated. Seed.
- 488512. Sonora 134. Mexico. Sonora. Cultivated. Seed.
- 488513. Paraguay Group 3. Paraguay. Cultivated. Seed.
- 488514. Argentina 473. Argentina. Cultivated. Seed.
- 488515. Argentina 486. Argentina. Cultivated. Seed.
- 488516. Bolivia 88. Bolivia. Cultivated. Seed.
- 488517. Brasil 1954. Brazil. Cultivated. Seed.
- 488518. Bahia Group 1. Brazil. Bahia. Cultivated. Seed.
- 488519. British Virgin Islands 130. Virgin Islands, British. Cultivated. Seed.
- 488520. British Virgin Islands 167. Virgin Islands, British. Cultivated. Seed.
- 488521. Hidalgo 54. Mexico. Hidalgo. Cultivated. Seed.
- 488522. Jalisco 282. Mexico. Jalisco. Cultivated. Seed.
- 488523. Compuesto Caribeno MC2. Mexico. Cultivated. Seed.
- 488524. Uruguay 751. Uruguay. Cultivated. Seed.
- 488525. Uruguay Group 1. Uruguay. Cultivated. Seed.
- 488526. Uruguay Group 2. Uruguay. Cultivated. Seed.

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- 488527. Uruguay Group 4. Uruguay. Cultivated. Seed.
- 488528. Uruguay Group 5. Uruguay. Cultivated. Seed.
- 488529. Venezuela 409. Venezuela. Cultivated. Seed.
- 488530. Venezuela 445. Venezuela. Cultivated. Seed.
- 488531. Venezuela 446. Venezuela. Cultivated. Seed.
- 488532. Venezuela 481. Venezuela. Cultivated. Seed.
- 488533. Venezuela 631. Venezuela. Cultivated. Seed.
- 488534. Venezuela 717. Venezuela. Cultivated. Seed.
- 488535. Chile 252. Chile. Cultivated. Seed.
- 488536. Chile 2115. Chile. Cultivated. Seed.
- 488537. Nepal 103. Nepal. Cultivated. Seed.
- 488538. Nepal 104. Nepal. Cultivated. Seed.
- 488539. Nepal 107. Nepal. Cultivated. Seed.
- 488540. Nepal 108. Nepal. Cultivated. Seed.
- 488541. Nepal 109. Nepal. Cultivated. Seed.
- 488542. Nepal 201. Nepal. Cultivated. Seed.
- 488543. Nepal 203. Nepal. Cultivated. Seed.
- 488544. Nepal 204. Nepal. Cultivated. Seed.
- 488545. Nepal 205. Nepal. Cultivated. Seed.
- 488546. Nepal 206. Nepal. Cultivated. Seed.
- 488547. Nepal 207. Nepal. Cultivated. Seed.
- 488548. Nepal 208. Nepal. Cultivated. Seed.
- 488549. Nepal 210. Nepal. Cultivated. Seed.
- 488550. Nepal 211. Nepal. Cultivated. Seed.
- 488551. Michoacan 415. Mexico. Michoacan. Cultivated. Seed.
- 488552. Mexico 27. Mexico. Cultivated. Seed.

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488553. Oaxaca 382. Mexico. Oaxaca. Cultivated. Seed.
488554. Yeman 2. Yemen Arab Republic. Cultivated. Seed.
488555. Mexico 243. Mexico. Cultivated. Seed.
488556. Mexico 244. Mexico. Cultivated. Seed.
488557. Mexico 247. Mexico. Cultivated. Seed.
488558. Mexico 248. Mexico. Cultivated. Seed.
488559. Mexico 249. Mexico. Cultivated. Seed.
488560. Michoacan 115. Mexico. Michoacan. Cultivated. Seed.
488561. Michoacan 196. Mexico. Michoacan. Cultivated. Seed.
488562. Michoacan 197. Mexico. Michoacan. Cultivated. Seed.
488563. Michoacan 211. Mexico. Michoacan. Cultivated. Seed.
488564. Michoacan 315. Mexico. Michoacan. Cultivated. Seed.
488565. Michoacan 323. Mexico. Michoacan. Cultivated. Seed.
488566. Michoacan 326. Mexico. Michoacan. Cultivated. Seed.
488567. Michoacan 328. Mexico. Michoacan. Cultivated. Seed.
488568. Michoacan 337. Mexico. Michoacan. Cultivated. Seed.
488569. Michoacan 338. Mexico. Michoacan. Cultivated. Seed.
488570. Michoacan 342. Mexico. Michoacan. Cultivated. Seed.
488571. Michoacan 343. Mexico. Michoacan. Cultivated. Seed.
488572. Michoacan 344. Mexico. Michoacan. Cultivated. Seed.
488573. Michoacan 345. Mexico. Michoacan. Cultivated. Seed.
488574. Michoacan 363. Mexico. Michoacan. Cultivated. Seed.
488575. Michoacan 364. Mexico. Michoacan. Cultivated. Seed.
488576. Michoacan 365. Mexico. Michoacan. Cultivated. Seed.
488577. Michoacan 367. Mexico. Michoacan. Cultivated. Seed.
488578. Michoacan 368. Mexico. Michoacan. Cultivated. Seed.

487636 TO 489684-continued

488579. Michoacan 369. Mexico. Michoacan. Cultivated. Seed.
488580. Michoacan 370. Mexico. Michoacan. Cultivated. Seed.
488581. Michoacan 377. Mexico. Michoacan. Cultivated. Seed.
488582. Michoacan 378. Mexico. Michoacan. Cultivated. Seed.
488583. Michoacan 381. Mexico. Michoacan. Cultivated. Seed.
488584. Michoacan 382. Mexico. Michoacan. Cultivated. Seed.
488585. Michoacan 383. Mexico. Michoacan. Cultivated. Seed.
488586. Michoacan 384. Mexico. Michoacan. Cultivated. Seed.
488587. Michoacan 391. Mexico. Michoacan. Cultivated. Seed.
488588. Michoacan 410. Mexico. Michoacan. Cultivated. Seed.
488589. Michoacan 413. Mexico. Michoacan. Cultivated. Seed.
488590. Michoacan 414. Mexico. Michoacan. Cultivated. Seed.
488591. Morelos 23. Mexico. Morelos. Cultivated. Seed.
488592. Morelos 24. Mexico. Morelos. Cultivated. Seed.
488593. Morelos 25. Mexico. Morelos. Cultivated. Seed.
488594. Morelos 26. Mexico. Morelos. Cultivated. Seed.
488595. Morelos 27. Mexico. Morelos. Cultivated. Seed.
488596. Morelos 28. Mexico. Morelos. Cultivated. Seed.
488597. Morelos 29. Mexico. Morelos. Cultivated. Seed.
488598. Morelos 30. Mexico. Morelos. Cultivated. Seed.
488599. Morelos 31. Mexico. Morelos. Cultivated. Seed.
488600. Morelos 32. Mexico. Morelos. Cultivated. Seed.
488601. Morelos 33. Mexico. Morelos. Cultivated. Seed.
488602. Morelos 34. Mexico. Morelos. Cultivated. Seed.
488603. Morelos 35. Mexico. Morelos. Cultivated. Seed.
488604. Morelos 38. Mexico. Morelos. Cultivated. Seed.

487636 TO 489684-continued

- 488605. Morelos 39. Mexico. Morelos. Cultivated. Seed.
- 488606. Morelos 40. Mexico. Morelos. Cultivated. Seed.
- 488607. Morelos 42. Mexico. Morelos. Cultivated. Seed.
- 488608. Morelos 45. Mexico. Morelos. Cultivated. Seed.
- 488609. Morelos 46. Mexico. Morelos. Cultivated. Seed.
- 488610. Morelos 47. Mexico. Morelos. Cultivated. Seed.
- 488611. Morelos 48. Mexico. Morelos. Cultivated. Seed.
- 488612. Morelos 49. Mexico. Morelos. Cultivated. Seed.
- 488613. Morelos 50. Mexico. Morelos. Cultivated. Seed.
- 488614. Morelos 51. Mexico. Morelos. Cultivated. Seed.
- 488615. Morelos 53. Mexico. Morelos. Cultivated. Seed.
- 488616. Morelos 54. Mexico. Morelos. Cultivated. Seed.
- 488617. Morelos 55. Mexico. Morelos. Cultivated. Seed.
- 488618. Morelos 56. Mexico. Morelos. Cultivated. Seed.
- 488619. Morelos 57. Mexico. Morelos. Cultivated. Seed.
- 488620. Morelos 66. Mexico. Morelos. Cultivated. Seed.
- 488621. Morelos 67. Mexico. Morelos. Cultivated. Seed.
- 488622. Morelos 73. Mexico. Morelos. Cultivated. Seed.
- 488623. Morelos 74. Mexico. Morelos. Cultivated. Seed.
- 488624. Morelos 75. Mexico. Morelos. Cultivated. Seed.
- 488625. Morelos 76. Mexico. Morelos. Cultivated. Seed.
- 488626. Morelos 77. Mexico. Morelos. Cultivated. Seed.
- 488627. Nuevo Leon 14. Mexico. Nuevo Leon. Cultivated. Seed.
- 488628. Oaxaca 260B. Mexico. Oaxaca. Cultivated. Seed.
- 488629. Oaxaca 329, Mexico. Oaxaca. Cultivated. Seed.
- 488630. Veracruz 36. Mexico. Veracruz. Cultivated. Seed.

487636 TO 489684-continued

488631. Veracruz 314. Mexico. Veracruz. Cultivated. Seed.
488632. Veracruz 315. Mexico. Veracruz. Cultivated. Seed.
488633. Veracruz 322. Mexico. Veracruz. Cultivated. Seed.
488634. Veracruz 323. Mexico. Veracruz. Cultivated. Seed.
488635. Veracruz 325. Mexico. Veracruz. Cultivated. Seed.
488636. Veracruz 332. Mexico. Veracruz. Cultivated. Seed.
488637. Ancash 417. Peru. Ancash. Cultivated. Seed.
488638. Ancash 572. Peru. Ancash. Cultivated. Seed.
488639. Ancash 573. Peru. Ancash. Cultivated. Seed.
488640. Ancash 574. Peru. Ancash. Cultivated. Seed.
488641. Ancash 575. Peru. Ancash. Cultivated. Seed.
488642. Ancash 576. Peru. Ancash. Cultivated. Seed.
488643. Ancash 577. Peru. Ancash. Cultivated. Seed.
488644. Ancash 579. Peru. Ancash. Cultivated. Seed.
488645. Ancash 581. Peru. Ancash. Cultivated. Seed.
488646. Ancash 582. Peru. Ancash. Cultivated. Seed.
488647. Ancash 583. Peru. Ancash. Cultivated. Seed.
488648. Ancash 584. Peru. Ancash. Cultivated. Seed.
488649. Ancash 585. Peru. Ancash. Cultivated. Seed.
488650. Ancash 586. Peru. Ancash. Cultivated. Seed.
488651. Ancash 587. Peru. Ancash. Cultivated. Seed.
488652. Ancash 588. Peru. Ancash. Cultivated. Seed.
488653. Ancash 589. Peru. Ancash. Cultivated. Seed.
488654. Ancash 590. Peru. Ancash. Cultivated. Seed.
488655. Ancash 591. Peru. Ancash. Cultivated. Seed.
488656. Ancash 592. Peru. Ancash. Cultivated. Seed.

487636 TO 489684-continued

- 488657. Ancash 593. Peru. Ancash. Cultivated. Seed.
- 488658. Ancash 597. Peru. Ancash. Cultivated. Seed.
- 488659. Ancash 598. Peru. Ancash. Cultivated. Seed.
- 488660. Ancash 600. Peru. Ancash. Cultivated. Seed.
- 488661. Ancash 603. Peru. Ancash. Cultivated. Seed.
- 488662. Ancash 604. Peru. Ancash. Cultivated. Seed.
- 488663. Ancash 608. Peru. Ancash. Cultivated. Seed.
- 488664. Ancash 611. Peru. Ancash. Cultivated. Seed.
- 488665. Ancash 613. Peru. Ancash. Cultivated. Seed.
- 488666. Ancash 614. Peru. Ancash. Cultivated. Seed.
- 488667. Ancash 615. Peru. Ancash. Cultivated. Seed.
- 488668. Ancash 618. Peru. Ancash. Cultivated. Seed.
- 488669. Ancash 619. Peru. Ancash. Cultivated. Seed.
- 488670. Ancash 620. Peru. Ancash. Cultivated. Seed.
- 488671. Ancash 621. Peru. Ancash. Cultivated. Seed.
- 488672. Ancash 622. Peru. Ancash. Cultivated. Seed.
- 488673. Ancash 623. Peru. Ancash. Cultivated. Seed.
- 488674. Ancash 624. Peru. Ancash. Cultivated. Seed.
- 488675. Ancash 625. Peru. Ancash. Cultivated. Seed.
- 488676. Ancash 627. Peru. Ancash. Cultivated. Seed.
- 488677. Ancash 628. Peru. Ancash. Cultivated. Seed.
- 488678. Cajamarca 75. Peru. Cajamarca. Cultivated. Seed.
- 488679. Cajamarca 80. Peru. Cajamarca. Cultivated. Seed.
- 488680. Cajamarca 81. Peru. Cajamarca. Cultivated. Seed.
- 488681. Cajamarca 82. Peru. Cajamarca. Cultivated. Seed.
- 488682. Cajamarca 83. Peru. Cajamarca. Cultivated. Seed.

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- 488683. Cajamarca 84. Peru. Cajamarca. Cultivated. Seed.
- 488684. Cajamarca 85. Peru. Cajamarca. Cultivated. Seed.
- 488685. Cajamarca 86. Peru. Cajamarca. Cultivated. Seed.
- 488686. Cajamarca 87. Peru. Cajamarca. Cultivated. Seed.
- 488687. Cajamarca 88. Peru. Cajamarca. Cultivated. Seed.
- 488688. Cajamarca 89. Peru. Cajamarca. Cultivated. Seed.
- 488689. Cajamarca 90. Peru. Cajamarca. Cultivated. Seed.
- 488690. Cajamarca 91. Peru. Cajamarca. Cultivated. Seed.
- 488691. Cajamarca 93. Peru. Cajamarca. Cultivated. Seed.
- 488692. Cajamarca 94. Peru. Cajamarca. Cultivated. Seed.
- 488693. Cuzco 188. Peru. Cuzco. Cultivated. Seed.
- 488694. Libertad 94. Peru. Libertad. Cultivated. Seed.
- 488695. Libertad 97. Peru. Libertad. Cultivated. Seed.
- 488696. Libertad 100. Peru. Libertad. Cultivated. Seed.
- 488697. Libertad 105. Peru. Libertad. Cultivated. Seed.
- 488698. Libertad 106. Peru. Libertad. Cultivated. Seed.
- 488699. Libertad 107. Peru. Libertad. Cultivated. Seed.
- 488700. Libertad 108. Peru. Libertad. Cultivated. Seed.
- 488701. Libertad 109. Peru. Libertad. Cultivated. Seed.
- 488702. Libertad 110. Peru. Libertad. Cultivated. Seed.
- 488703. Libertad 112. Peru. Libertad. Cultivated. Seed.
- 488704. Libertad 114. Peru. Libertad. Cultivated. Seed.
- 488705. Libertad 115. Peru. Libertad. Cultivated. Seed.
- 488706. Libertad 116. Peru. Libertad. Cultivated. Seed.
- 488707. Libertad 119. Peru. Libertad. Cultivated. Seed.
- 488708. Libertad 123. Peru. Libertad. Cultivated. Seed.

487636 TO 489684-continued

- 488709. Brasil 217. Brazil. Cultivated. Seed.
- 488710. Brasil 407. Brazil. Cultivated. Seed.
- 488711. Brasil 928. Brazil. Cultivated. Seed.
- 488712. Brasil 1037. Brazil. Cultivated. Seed.
- 488713. Brasil 1038. Brazil. Cultivated. Seed.
- 488714. Brasil 2076. Brazil. Cultivated. Seed.
- 488715. Brasil 2078. Brazil. Cultivated. Seed.
- 488716. Brasil 2079. Brazil. Cultivated. Seed.
- 488717. Brasil 2097. Brazil. Cultivated. Seed.
- 488718. Brasil 2099. Brazil. Cultivated. Seed.
- 488719. Brasil 2114. Brazil. Cultivated. Seed.
- 488720. Brasil 2116. Brazil. Cultivated. Seed.
- 488721. Brasil 2118. Brazil. Cultivated. Seed.
- 488722. Brasil 2119. Brazil. Cultivated. Seed.
- 488723. Brasil 2120. Brazil. Cultivated. Seed.
- 488724. Brasil 2121. Brazil. Cultivated. Seed.
- 488725. Brasil 2122. Brazil. Cultivated. Seed.
- 488726. Brasil 2124. Brazil. Cultivated. Seed.
- 488727. Brasil 2126. Brazil. Cultivated. Seed.
- 488728. Brasil 2130. Brazil. Cultivated. Seed.
- 488729. Brasil 2131. Brazil. Cultivated. Seed.
- 488730. Brasil 2132. Brazil. Cultivated. Seed.
- 488731. Brasil 2133. Brazil. Cultivated. Seed.
- 488732. Brasil 2136. Brazil. Cultivated. Seed.
- 488733. Brasil 2137. Brazil. Cultivated. Seed.
- 488734. Brasil 2138. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488735. Brasil 2141. Brazil. Cultivated. Seed.
488736. Brasil 2145. Brazil. Cultivated. Seed.
488737. Brasil 2147. Brazil. Cultivated. Seed.
488738. Brasil 2149. Brazil. Cultivated. Seed.
488739. Brasil 2151. Brazil. Cultivated. Seed.
488740. Brasil 2153. Brazil. Cultivated. Seed.
488741. Brasil 2156. Brazil. Cultivated. Seed.
488742. Brasil 2158. Brazil. Cultivated. Seed.
488743. Brasil 2161. Brazil. Cultivated. Seed.
488744. Brasil 2162. Brazil. Cultivated. Seed.
488745. Brasil 2164. Brazil. Cultivated. Seed.
488746. Brasil 2165. Brazil. Cultivated. Seed.
488747. Brasil 2168. Brazil. Cultivated. Seed.
488748. Brasil 2171. Brazil. Cultivated. Seed.
488749. Brasil 2173. Brazil. Cultivated. Seed.
488750. Brasil 2174. Brazil. Cultivated. Seed.
488751. Brasil 2175. Brazil. Cultivated. Seed.
488752. Brasil 2179. Brazil. Cultivated. Seed.
488753. Brasil 2227. Brazil. Cultivated. Seed.
488754. Brasil 2230. Brazil. Cultivated. Seed.
488755. Brasil 2235. Brazil. Cultivated. Seed.
488756. Brasil 2236. Brazil. Cultivated. Seed.
488757. Brasil 2237. Brazil. Cultivated. Seed.
488758. Brasil 2239. Brazil. Cultivated. Seed.
488759. Brasil 2246. Brazil. Cultivated. Seed.
488760. Brasil 2248. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488761. Brasil 2250. Brazil. Cultivated. Seed.
488762. Brasil 2251. Brazil. Cultivated. Seed.
488763. Brasil 2254. Brazil. Cultivated. Seed.
488764. Brasil 2256. Brazil. Cultivated. Seed.
488765. Brasil 2260. Brazil. Cultivated. Seed.
488766. Brasil 2262. Brazil. Cultivated. Seed.
488767. Brasil 2265. Brazil. Cultivated. Seed.
488768. Brasil 2268. Brazil. Cultivated. Seed.
488769. Brasil 2270. Brazil. Cultivated. Seed.
488770. Brasil 2271. Brazil. Cultivated. Seed.
488771. Brasil 2274. Brazil. Cultivated. Seed.
488772. Brasil 2277. Brazil. Cultivated. Seed.
488773. Brasil 2278. Brazil. Cultivated. Seed.
488774. Brasil 2280. Brazil. Cultivated. Seed.
488775. Brasil 2281. Brazil. Cultivated. Seed.
488776. Brasil 2283. Brazil. Cultivated. Seed.
488777. Brasil 2285. Brazil. Cultivated. Seed.
488778. Brasil 2286. Brazil. Cultivated. Seed.
488779. Brasil 2287. Brazil. Cultivated. Seed.
488780. Brasil 2290. Brazil. Cultivated. Seed.
488781. Brasil 2291. Brazil. Cultivated. Seed.
488782. Brasil 2292. Brazil. Cultivated. Seed.
488783. Brasil 2293. Brazil. Cultivated. Seed.
488784. Brasil 2294. Brazil. Cultivated. Seed.
488785. Brasil 2295. Brazil. Cultivated. Seed.
488786. Brasil 2299. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488787. Brasil 2300. Brazil. Cultivated. Seed.
488788. Brasil 2308. Brazil. Cultivated. Seed.
488789. Brasil 2311. Brazil. Cultivated. Seed.
488790. Brasil 2313. Brazil. Cultivated. Seed.
488791. Brasil 2316. Brazil. Cultivated. Seed.
488792. Brasil 2320. Brazil. Cultivated. Seed.
488793. Brasil 2321. Brazil. Cultivated. Seed.
488794. Brasil 2322. Brazil. Cultivated. Seed.
488795. Brasil 2323. Brazil. Cultivated. Seed.
488796. Brasil 2326. Brazil. Cultivated. Seed.
488797. Brasil 2331. Brazil. Cultivated. Seed.
488798. Brasil 2332. Brazil. Cultivated. Seed.
488799. Brasil 2333. Brazil. Cultivated. Seed.
488800. Brasil 2334. Brazil. Cultivated. Seed.
488801. Brasil 2338. Brazil. Cultivated. Seed.
488802. Brasil 2346. Brazil. Cultivated. Seed.
488803. Brasil 2352. Brazil. Cultivated. Seed.
488804. Brasil 2355. Brazil. Cultivated. Seed.
488805. Brasil 2359. Brazil. Cultivated. Seed.
488806. Brasil 2370. Brazil. Cultivated. Seed.
488807. Brasil 2377. Brazil. Cultivated. Seed.
488808. Brasil 2378. Brazil. Cultivated. Seed.
488809. Brasil 2380. Brazil. Cultivated. Seed.
488810. Brasil 2381. Brazil. Cultivated. Seed.
488811. Brasil 2382. Brazil. Cultivated. Seed.
488812. Brasil 2384. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488813. Brasil 2386. Brazil. Cultivated. Seed.
488814. Brasil 2387. Brazil. Cultivated. Seed.
488815. Brasil 2388. Brazil. Cultivated. Seed.
488816. Brasil 2389. Brazil. Cultivated. Seed.
488817. Brasil 2390. Brazil. Cultivated. Seed.
488818. Brasil 2391. Brazil. Cultivated. Seed.
488819. Brasil 2393. Brazil. Cultivated. Seed.
488820. Brasil 2395. Brazil. Cultivated. Seed.
488821. Brasil 2397. Brazil. Cultivated. Seed.
488822. Brasil 2399. Brazil. Cultivated. Seed.
488823. Brasil 2400. Brazil. Cultivated. Seed.
488824. Brasil 2403. Brazil. Cultivated. Seed.
488825. Brasil 2408. Brazil. Cultivated. Seed.
488826. Brasil 2409. Brazil. Cultivated. Seed.
488827. Brasil 2412. Brazil. Cultivated. Seed.
488828. Brasil 2413. Brazil. Cultivated. Seed.
488829. Brasil 2428. Brazil. Cultivated. Seed.
488830. Brasil 2430. Brazil. Cultivated. Seed.
488831. Brasil 2434. Brazil. Cultivated. Seed.
488832. Brasil 2439. Brazil. Cultivated. Seed.
488833. Brasil 2440. Brazil. Cultivated. Seed.
488834. Brasil 2442. Brazil. Cultivated. Seed.
488835. Brasil 2443. Brazil. Cultivated. Seed.
488836. Brasil 2444. Brazil. Cultivated. Seed.
488837. Brasil 2446. Brazil. Cultivated. Seed.
488838. Brasil 2447. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488839. Brasil 2448. Brazil. Cultivated. Seed.
488840. Brasil 2449. Brazil. Cultivated. Seed.
488841. Brasil 2451. Brazil. Cultivated. Seed.
488842. Brasil 2454. Brazil. Cultivated. Seed.
488843. Brasil 2560. Brazil. Cultivated. Seed.
488844. Brasil 2461. Brazil. Cultivated. Seed.
488845. Brasil 2463. Brazil. Cultivated. Seed.
488846. Brasil 2466. Brazil. Cultivated. Seed.
488847. Brasil 2469. Brazil. Cultivated. Seed.
488848. Brasil 2482. Brazil. Cultivated. Seed.
488849. Brasil 2484. Brazil. Cultivated. Seed.
488850. Brasil 2485. Brazil. Cultivated. Seed.
488851. Brasil 2491. Brazil. Cultivated. Seed.
488852. Brasil 2493. Brazil. Cultivated. Seed.
488853. Brasil 2503. Brazil. Cultivated. Seed.
488854. Brasil 2504. Brazil. Cultivated. Seed.
488855. Brasil 2505. Brazil. Cultivated. Seed.
488856. Brasil 2506. Brazil. Cultivated. Seed.
488857. Brasil 2507. Brazil. Cultivated. Seed.
488858. Brasil 2766. Brazil. Cultivated. Seed.
488859. Brasil 2773. Brazil. Cultivated. Seed.
488860. Brasil 2779. Brazil. Cultivated. Seed.
488861. Brasil 2780. Brazil. Cultivated. Seed.
488862. Brasil 2781. Brazil. Cultivated. Seed.
488863. Brasil 2782. Brazil. Cultivated. Seed.
488864. Brasil 2786. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488865. Brasil 2787. Brazil. Cultivated. Seed.
488866. Brasil 2788. Brazil. Cultivated. Seed.
488867. Brasil 2790. Brazil. Cultivated. Seed.
488868. Brasil 2791. Brazil. Cultivated. Seed.
488869. Brasil 2794. Brazil. Cultivated. Seed.
488870. Brasil 2795. Brazil. Cultivated. Seed.
488871. Brasil 2798. Brazil. Cultivated. Seed.
488872. Brasil 2801. Brazil. Cultivated. Seed.
488873. Brasil 2803. Brazil. Cultivated. Seed.
488874. Brasil 2807. Brazil. Cultivated. Seed.
488875. Brasil 2809. Brazil. Cultivated. Seed.
488876. Brasil 2810. Brazil. Cultivated. Seed.
488877. Brasil 2815. Brazil. Cultivated. Seed.
488878. Brasil 2816. Brazil. Cultivated. Seed.
488879. Brasil 2904. Brazil. Cultivated. Seed.
488880. Brasil 2911. Brazil. Cultivated. Seed.
488881. Brasil 2912. Brazil. Cultivated. Seed.
488882. Brasil 2917. Brazil. Cultivated. Seed.
488883. Brasil 2918. Brazil. Cultivated. Seed.
488884. Brasil 2925. Brazil. Cultivated. Seed.
488885. Brasil 2927. Brazil. Cultivated. Seed.
488886. Brasil 2929. Brazil. Cultivated. Seed.
488887. Brasil 2931. Brazil. Cultivated. Seed.
488888. Brasil 2933. Brazil. Cultivated. Seed.
488889. Brasil 2934. Brazil. Cultivated. Seed.
488890. Brasil 2936. Brazil. Cultivated. Seed.

487636 TO 489684-continued

488891. Brasil 2938. Brazil. Cultivated. Seed.
488892. Brasil 2939. Brazil. Cultivated. Seed.
488893. Brasil 2944. Brazil. Cultivated. Seed.
488894. Brasil 2946. Brazil. Cultivated. Seed.
488895. Brasil 2947. Brazil. Cultivated. Seed.
488896. Brasil 2955. Brazil. Cultivated. Seed.
488897. Brasil 2963. Brazil. Cultivated. Seed.
488898. Brasil 2970. Brazil. Cultivated. Seed.
488899. Brasil 2972. Brazil. Cultivated. Seed.
488900. Brasil 2973. Brazil. Cultivated. Seed.
488901. Brasil 2975. Brazil. Cultivated. Seed.
488902. Brasil 2978. Brazil. Cultivated. Seed.
488903. Brasil 2980. Brazil. Cultivated. Seed.
488904. Brasil 2987. Brazil. Cultivated. Seed.
488905. Brasil 2992. Brazil. Cultivated. Seed.
488906. Brasil 2998. Brazil. Cultivated. Seed.
488907. Brasil 3012. Brazil. Cultivated. Seed.
488908. Brasil 3018. Brazil. Cultivated. Seed.
488909. Brasil 3023. Brazil. Cultivated. Seed.
488910. Brasil 3024. Brazil. Cultivated. Seed.
488911. Brasil 3025. Brazil. Cultivated. Seed.
488912. Brasil 3028. Brazil. Cultivated. Seed.
488913. Brasil 3031. Brazil. Cultivated. Seed.
488914. Brasil 3043. Brazil. Cultivated. Seed.
488915. Brasil 3053. Brazil. Cultivated. Seed.
488916. Brasil 3057. Brazil. Cultivated. Seed.

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- 488917. Brasil 3070. Brazil. Cultivated. Seed.
- 488918. Brasil 3071. Brazil. Cultivated. Seed.
- 488919. Brasil 3072. Brazil. Cultivated. Seed.
- 488920. Brasil 3074. Brazil. Cultivated. Seed.
- 488921. Brasil 3075. Brazil. Cultivated. Seed.
- 488922. Brasil 3076. Brazil. Cultivated. Seed.
- 488923. Brasil 3160. Brazil. Cultivated. Seed.
- 488924. Cauca 381. Colombia. Cauca. Cultivated. Seed.
- 488925. Choco 306. Colombia. Choco. Cultivated. Seed.
- 488926. Choco 314. Colombia. Choco. Cultivated. Seed.
- 488927. Choco 328. Colombia. Choco. Cultivated. Seed.
- 488928. Narino 392. Colombia. Narino. Cultivated. Seed.
- 488929. Costa Rica 34. Costa Rica. Cultivated. Seed.
- 488930. Costa Rica 36. Costa Rica. Cultivated. Seed.
- 488931. Costa Rica 38. Costa Rica. Cultivated. Seed.
- 488932. Costa Rica 39. Costa Rica. Cultivated. Seed.
- 488933. Costa Rica 68. Costa Rica. Cultivated. Seed.
- 488934. Costa Rica 70. Costa Rica. Cultivated. Seed.
- 488935. Costa Rica 75. Costa Rica. Cultivated. Seed.
- 488936. Costa Rica 76. Costa Rica. Cultivated. Seed.
- 488937. Costa Rica 78. Costa Rica. Cultivated. Seed.
- 488938. Costa Rica 79. Costa Rica. Cultivated. Seed.
- 488939. Costa Rica 80. Costa Rica. Cultivated. Seed.
- 488940. Costa Rica 81. Costa Rica. Cultivated. Seed.
- 488941. Costa Rica 83. Costa Rica. Cultivated. Seed.
- 488942. Costa Rica 85. Costa Rica. Cultivated. Seed.

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- 488943. Costa Rica 85A. Costa Rica. Cultivated. Seed.
- 488944. Costa Rica 86. Costa Rica. Cultivated. Seed.
- 488945. Costa Rica 89. Costa Rica. Cultivated. Seed.
- 488946. Costa Rica 92. Costa Rica. Cultivated. Seed.
- 488947. Costa Rica 93. Costa Rica. Cultivated. Seed.
- 488948. Costa Rica 98. Costa Rica. Cultivated. Seed.
- 488949. Costa Rica 99. Costa Rica. Cultivated. Seed.
- 488950. Costa Rica 101. Costa Rica. Cultivated. Seed.
- 488951. Costa Rica 102. Costa Rica. Cultivated. Seed.
- 488952. Costa Rica 103. Costa Rica. Cultivated. Seed.
- 488953. Costa Rica 107. Costa Rica. Cultivated. Seed.
- 488954. Costa Rica 127. Costa Rica. Cultivated. Seed.
- 488955. Costa Rica 128. Costa Rica. Cultivated. Seed.
- 488956. Costa Rica 130. Costa Rica. Cultivated. Seed.
- 488957. Costa Rica 131. Costa Rica. Cultivated. Seed.
- 488958. Costa Rica 141. Costa Rica. Cultivated. Seed.
- 488959. Costa Rica 195. Costa Rica. Cultivated. Seed.
- 488960. Costa Rica 196. Costa Rica. Cultivated. Seed.
- 488961. Costa Rica 203. Costa Rica. Cultivated. Seed.
- 488962. Costa Rica 239. Costa Rica. Cultivated. Seed.
- 488963. Puebla 1. Mexico. Puebla. Cultivated. Seed.
- 488964. Puebla 14. Mexico. Puebla. Cultivated. Seed.
- 488965. Puebla 15. Mexico. Puebla. Cultivated. Seed.
- 488966. Puebla 16. Mexico. Puebla. Cultivated. Seed.
- 488967. Puebla 21. Mexico. Puebla. Cultivated. Seed.
- 488968. Puebla 26. Mexico. Puebla. Cultivated. Seed.

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488969. Puebla 28. Mexico. Puebla. Cultivated. Seed.
488970. Puebla 30. Mexico. Puebla. Cultivated. Seed.
488971. Puebla 31. Mexico. Puebla. Cultivated. Seed.
488972. Puebla 33. Mexico. Puebla. Cultivated. Seed.
488973. Puebla 35. Mexico. Puebla. Cultivated. Seed.
488974. Puebla 42. Mexico. Puebla. Cultivated. Seed.
488975. Puebla 45. Mexico. Puebla. Cultivated. Seed.
488976. Puebla 49. Mexico. Puebla. Cultivated. Seed.
488977. Puebla 58. Mexico. Puebla. Cultivated. Seed.
488978. Puebla 65. Mexico. Puebla. Cultivated. Seed.
488979. Puebla 71. Mexico. Puebla. Cultivated. Seed.
488980. Puebla 73. Mexico. Puebla. Cultivated. Seed.
488981. Puebla 75. Mexico. Puebla. Cultivated. Seed.
488982. Puebla 80. Mexico. Puebla. Cultivated. Seed.
488983. Puebla 81. Mexico. Puebla. Cultivated. Seed.
488984. Puebla 86. Mexico. Puebla. Cultivated. Seed.
488985. Puebla 87. Mexico. Puebla. Cultivated. Seed.
488986. Puebla 95. Mexico. Puebla. Cultivated. Seed.
488987. Puebla 102. Mexico. Puebla. Cultivated. Seed.
488988. Puebla 103. Mexico. Puebla. Cultivated. Seed.
488989. Puebla 111. Mexico. Puebla. Cultivated. Seed.
488990. Puebla 148. Mexico. Puebla. Cultivated. Seed.
488991. Puebla 180. Mexico. Puebla. Cultivated. Seed.
488992. Puebla 205. Mexico. Puebla. Cultivated. Seed.
488993. Puebla 207. Mexico. Puebla. Cultivated. Seed.
488994. Puebla 213. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

488995. Puebla 215. Mexico. Puebla. Cultivated. Seed.
488996. Puebla 260. Mexico. Puebla. Cultivated. Seed.
488997. Puebla 261. Mexico. Puebla. Cultivated. Seed.
488998. Puebla 331. Mexico. Puebla. Cultivated. Seed.
488999. Puebla 333. Mexico. Puebla. Cultivated. Seed.
489000. Puebla 335. Mexico. Puebla. Cultivated. Seed.
489001. Puebla 336. Mexico. Puebla. Cultivated. Seed.
489002. Puebla 337. Mexico. Puebla. Cultivated. Seed.
489003. Puebla 338. Mexico. Puebla. Cultivated. Seed.
489004. Puebla 340. Mexico. Puebla. Cultivated. Seed.
489005. Puebla 342. Mexico. Puebla. Cultivated. Seed.
489006. Puebla 343. Mexico. Puebla. Cultivated. Seed.
489007. Puebla 344. Mexico. Puebla. Cultivated. Seed.
489008. Puebla 347. Mexico. Puebla. Cultivated. Seed.
489009. Puebla 354. Mexico. Puebla. Cultivated. Seed.
489010. Puebla 355. Mexico. Puebla. Cultivated. Seed.
489011. Puebla 356. Mexico. Puebla. Cultivated. Seed.
489012. Puebla 358. Mexico. Puebla. Cultivated. Seed.
489013. Puebla 359. Mexico. Puebla. Cultivated. Seed.
489014. Puebla 360. Mexico. Puebla. Cultivated. Seed.
489015. Puebla 361. Mexico. Puebla. Cultivated. Seed.
489016. Puebla 362. Mexico. Puebla. Cultivated. Seed.
489017. Puebla 363. Mexico. Puebla. Cultivated. Seed.
489018. Puebla 364. Mexico. Puebla. Cultivated. Seed.
489019. Puebla 365. Mexico. Puebla. Cultivated. Seed.
489020. Puebla 367. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489021. Puebla 368. Mexico. Puebla. Cultivated. Seed.
489022. Puebla 369. Mexico. Puebla. Cultivated. Seed.
489023. Puebla 370. Mexico. Puebla. Cultivated. Seed.
489024. Puebla 377. Mexico. Puebla. Cultivated. Seed.
489025. Puebla 378. Mexico. Puebla. Cultivated. Seed.
489026. Puebla 380. Mexico. Puebla. Cultivated. Seed.
489027. Puebla 384. Mexico. Puebla. Cultivated. Seed.
489028. Puebla 386. Mexico. Puebla. Cultivated. Seed.
489029. Puebla 387. Mexico. Puebla. Cultivated. Seed.
489030. Puebla 388. Mexico. Puebla. Cultivated. Seed.
489031. Puebla 389. Mexico. Puebla. Cultivated. Seed.
489032. Puebla 396. Mexico. Puebla. Cultivated. Seed.
489033. Puebla 400. Mexico. Puebla. Cultivated. Seed.
489034. Puebla 404. Mexico. Puebla. Cultivated. Seed.
489035. Puebla 405. Mexico. Puebla. Cultivated. Seed.
489036. Puebla 406. Mexico. Puebla. Cultivated. Seed.
489037. Puebla 407. Mexico. Puebla. Cultivated. Seed.
489038. Puebla 408. Mexico. Puebla. Cultivated. Seed.
489039. Puebla 409. Mexico. Puebla. Cultivated. Seed.
489040. Puebla 410. Mexico. Puebla. Cultivated. Seed.
489041. Puebla 411. Mexico. Puebla. Cultivated. Seed.
489042. Puebla 412. Mexico. Puebla. Cultivated. Seed.
489043. Puebla 413. Mexico. Puebla. Cultivated. Seed.
489044. Puebla 414. Mexico. Puebla. Cultivated. Seed.
489045. Puebla 415. Mexico. Puebla. Cultivated. Seed.
489046. Puebla 416. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489047. Puebla 417. Mexico. Puebla. Cultivated. Seed.
489048. Puebla 418. Mexico. Puebla. Cultivated. Seed.
489049. Puebla 419. Mexico. Puebla. Cultivated. Seed.
489050. Puebla 421. Mexico. Puebla. Cultivated. Seed.
489051. Puebla 422. Mexico. Puebla. Cultivated. Seed.
489052. Puebla 423. Mexico. Puebla. Cultivated. Seed.
489053. Puebla 424. Mexico. Puebla. Cultivated. Seed.
489054. Puebla 425. Mexico. Puebla. Cultivated. Seed.
489055. Puebla 426. Mexico. Puebla. Cultivated. Seed.
489056. Puebla 427. Mexico. Puebla. Cultivated. Seed.
489057. Puebla 428. Mexico. Puebla. Cultivated. Seed.
489058. Puebla 430. Mexico. Puebla. Cultivated. Seed.
489059. Puebla 431. Mexico. Puebla. Cultivated. Seed.
489060. Puebla 432. Mexico. Puebla. Cultivated. Seed.
489061. Puebla 433. Mexico. Puebla. Cultivated. Seed.
489062. Puebla 434. Mexico. Puebla. Cultivated. Seed.
489063. Puebla 435. Mexico. Puebla. Cultivated. Seed.
489064. Puebla 436. Mexico. Puebla. Cultivated. Seed.
489065. Puebla 437. Mexico. Puebla. Cultivated. Seed.
489066. Puebla 438. Mexico. Puebla. Cultivated. Seed.
489067. Puebla 439. Mexico. Puebla. Cultivated. Seed.
489068. Puebla 440. Mexico. Puebla. Cultivated. Seed.
489069. Puebla 441. Mexico. Puebla. Cultivated. Seed.
489070. Puebla 442. Mexico. Puebla. Cultivated. Seed.
489071. Puebla 443. Mexico. Puebla. Cultivated. Seed.
489072. Puebla 444. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489073. Puebla 445. Mexico. Puebla. Cultivated. Seed.
489074. Puebla 446. Mexico. Puebla. Cultivated. Seed.
489075. Puebla 447. Mexico. Puebla. Cultivated. Seed.
489076. Puebla 448. Mexico. Puebla. Cultivated. Seed.
489077. Puebla 450. Mexico. Puebla. Cultivated. Seed.
489078. Puebla 452. Mexico. Puebla. Cultivated. Seed.
489079. Puebla 453. Mexico. Puebla. Cultivated. Seed.
489080. Puebla 455. Mexico. Puebla. Cultivated. Seed.
489081. Puebla 456. Mexico. Puebla. Cultivated. Seed.
489082. Puebla 457. Mexico. Puebla. Cultivated. Seed.
489083. Puebla 458. Mexico. Puebla. Cultivated. Seed.
489084. Puebla 459. Mexico. Puebla. Cultivated. Seed.
489085. Puebla 462. Mexico. Puebla. Cultivated. Seed.
489086. Puebla 463. Mexico. Puebla. Cultivated. Seed.
489087. Puebla 464. Mexico. Puebla. Cultivated. Seed.
489088. Puebla 466. Mexico. Puebla. Cultivated. Seed.
489089. Puebla 468. Mexico. Puebla. Cultivated. Seed.
489090. Puebla 469. Mexico. Puebla. Cultivated. Seed.
489091. Puebla 470. Mexico. Puebla. Cultivated. Seed.
489092. Puebla 471. Mexico. Puebla. Cultivated. Seed.
489093. Puebla 472. Mexico. Puebla. Cultivated. Seed.
489094. Puebla 473. Mexico. Puebla. Cultivated. Seed.
489095. Puebla 474. Mexico. Puebla. Cultivated. Seed.
489096. Puebla 475. Mexico. Puebla. Cultivated. Seed.
489097. Puebla 476. Mexico. Puebla. Cultivated. Seed.
489098. Puebla 477. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489099. Puebla 478. Mexico. Puebla. Cultivated. Seed.
489100. Puebla 479. Mexico. Puebla. Cultivated. Seed.
489101. Puebla 481. Mexico. Puebla. Cultivated. Seed.
489102. Puebla 482. Mexico. Puebla. Cultivated. Seed.
489103. Puebla 483. Mexico. Puebla. Cultivated. Seed.
489104. Puebla 484. Mexico. Puebla. Cultivated. Seed.
489105. Puebla 485. Mexico. Puebla. Cultivated. Seed.
489106. Puebla 487. Mexico. Puebla. Cultivated. Seed.
489107. Puebla 488. Mexico. Puebla. Cultivated. Seed.
489108. Puebla 491. Mexico. Puebla. Cultivated. Seed.
489109. Puebla 492. Mexico. Puebla. Cultivated. Seed.
489110. Puebla 493. Mexico. Puebla. Cultivated. Seed.
489111. Puebla 494. Mexico. Puebla. Cultivated. Seed.
489112. Puebla 495. Mexico. Puebla. Cultivated. Seed.
489113. Puebla 496. Mexico. Puebla. Cultivated. Seed.
489114. Puebla 497. Mexico. Puebla. Cultivated. Seed.
489115. Puebla 498. Mexico. Puebla. Cultivated. Seed.
489116. Puebla 499. Mexico. Puebla. Cultivated. Seed.
489117. Puebla 500. Mexico. Puebla. Cultivated. Seed.
489118. Puebla 501. Mexico. Puebla. Cultivated. Seed.
489119. Puebla 503. Mexico. Puebla. Cultivated. Seed.
489120. Puebla 504. Mexico. Puebla. Cultivated. Seed.
489121. Puebla 505. Mexico. Puebla. Cultivated. Seed.
489122. Puebla 506. Mexico. Puebla. Cultivated. Seed.
489123. Puebla 507. Mexico. Puebla. Cultivated. Seed.
489124. Puebla 508. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489125. Puebla 509. Mexico. Puebla. Cultivated. Seed.
489126. Puebla 510. Mexico. Puebla. Cultivated. Seed.
489127. Puebla 511. Mexico. Puebla. Cultivated. Seed.
489128. Puebla 513. Mexico. Puebla. Cultivated. Seed.
489129. Puebla 514. Mexico. Puebla. Cultivated. Seed.
489130. Puebla 515. Mexico. Puebla. Cultivated. Seed.
489131. Puebla 516. Mexico. Puebla. Cultivated. Seed.
489132. Puebla 517. Mexico. Puebla. Cultivated. Seed.
489133. Puebla 518. Mexico. Puebla. Cultivated. Seed.
489134. Puebla 519. Mexico. Puebla. Cultivated. Seed.
489135. Puebla 520. Mexico. Puebla. Cultivated. Seed.
489136. Puebla 521. Mexico. Puebla. Cultivated. Seed.
489137. Puebla 522. Mexico. Puebla. Cultivated. Seed.
489138. Puebla 523. Mexico. Puebla. Cultivated. Seed.
489139. Puebla 524. Mexico. Puebla. Cultivated. Seed.
489140. Puebla 525. Mexico. Puebla. Cultivated. Seed.
489141. Puebla 526. Mexico. Puebla. Cultivated. Seed.
489142. Puebla 527. Mexico. Puebla. Cultivated. Seed.
489143. Puebla 528. Mexico. Puebla. Cultivated. Seed.
489144. Puebla 529. Mexico. Puebla. Cultivated. Seed.
489145. Puebla 530. Mexico. Puebla. Cultivated. Seed.
489146. Puebla 531. Mexico. Puebla. Cultivated. Seed.
489147. Puebla 532. Mexico. Puebla. Cultivated. Seed.
489148. Puebla 533. Mexico. Puebla. Cultivated. Seed.
489149. Puebla 534. Mexico. Puebla. Cultivated. Seed.
489150. Puebla 535. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489151. Puebla 536. Mexico. Puebla. Cultivated. Seed.
489152. Puebla 537. Mexico. Puebla. Cultivated. Seed.
489153. Puebla 538. Mexico. Puebla. Cultivated. Seed.
489154. Puebla 540. Mexico. Puebla. Cultivated. Seed.
489155. Puebla 727. Mexico. Puebla. Cultivated. Seed.
489156. Puebla 728. Mexico. Puebla. Cultivated. Seed.
489157. Puebla 729. Mexico. Puebla. Cultivated. Seed.
489158. Puebla 730. Mexico. Puebla. Cultivated. Seed.
489159. Puebla 731. Mexico. Puebla. Cultivated. Seed.
489160. Puebla 732. Mexico. Puebla. Cultivated. Seed.
489161. Puebla 733. Mexico. Puebla. Cultivated. Seed.
489162. Puebla 734. Mexico. Puebla. Cultivated. Seed.
489163. Puebla 735. Mexico. Puebla. Cultivated. Seed.
489164. Puebla 736. Mexico. Puebla. Cultivated. Seed.
489165. Puebla 737. Mexico. Puebla. Cultivated. Seed.
489166. Puebla 738. Mexico. Puebla. Cultivated. Seed.
489167. Puebla 739. Mexico. Puebla. Cultivated. Seed.
489168. Puebla 741. Mexico. Puebla. Cultivated. Seed.
489169. Puebla Group 2. Mexico. Puebla. Cultivated. Seed.
489170. Puebla Group 3. Mexico. Puebla. Cultivated. Seed.
489171. Puebla Group 7. Mexico. Puebla. Cultivated. Seed.
489172. Puebla Group 8. Mexico. Puebla. Cultivated. Seed.
489173. Puebla Group 10. Mexico. Puebla. Cultivated. Seed.
489174. Puebla Group 11. Mexico. Puebla. Cultivated. Seed.
489175. Puebla Group 12. Mexico. Puebla. Cultivated. Seed.
489176. Puebla Group 29. Mexico. Puebla. Cultivated. Seed.

487636 TO 489684-continued

489177. Puebla Group 30. Mexico. Puebla. Cultivated. Seed.
489178. Puebla Group 31. Mexico. Puebla. Cultivated. Seed.
489179. Puebla Group 32. Mexico. Puebla. Cultivated. Seed.
489180. Puebla Group 33. Mexico. Puebla. Cultivated. Seed.
489181. Puebla Group 34. Mexico. Puebla. Cultivated. Seed.
489182. Puebla Group 35. Mexico. Puebla. Cultivated. Seed.
489183. Puebla Group 37. Mexico. Puebla. Cultivated. Seed.
489184. Puebla Group 38. Mexico. Puebla. Cultivated. Seed.
489185. Puebla Group 39. Mexico. Puebla. Cultivated. Seed.
489186. Puebla Group 41. Mexico. Puebla. Cultivated. Seed.
489187. Puebla Group 42. Mexico. Puebla. Cultivated. Seed.
489188. Puebla Group 44. Mexico. Puebla. Cultivated. Seed.
489189. Puebla Group 45. Mexico. Puebla. Cultivated. Seed.
489190. Puebla Group 49. Mexico. Puebla. Cultivated. Seed.
489191. Puebla Group 53. Mexico. Puebla. Cultivated. Seed.
489192. Puebla Group 58. Mexico. Puebla. Cultivated. Seed.
489193. Puebla Group 59. Mexico. Puebla. Cultivated. Seed.
489194. Puebla Group 61. Mexico. Puebla. Cultivated. Seed.
489195. Puebla Group 70. Mexico. Puebla. Cultivated. Seed.
489196. Puebla Group 72. Mexico. Puebla. Cultivated. Seed.
489197. Puebla Group 75. Mexico. Puebla. Cultivated. Seed.
489198. Puebla Group 76. Mexico. Puebla. Cultivated. Seed.
489199. Puebla Group 79. Mexico. Puebla. Cultivated. Seed.
489200. Queretaro 9. Mexico. Queretaro. Cultivated. Seed.
489201. Queretaro 14. Mexico. Queretaro. Cultivated. Seed.
489202. Queretaro 16. Mexico. Queretaro. Cultivated. Seed.

487636 TO 489684-continued

489203. Queretaro 18. Mexico. Queretaro. Cultivated. Seed.
489204. Queretaro 21. Mexico. Queretaro. Cultivated. Seed.
489205. Queretaro 25. Mexico. Queretaro. Cultivated. Seed.
489206. Queretaro 29. Mexico. Queretaro. Cultivated. Seed.
489207. Queretaro 38. Mexico. Queretaro. Cultivated. Seed.
489208. Queretaro 39. Mexico. Queretaro. Cultivated. Seed.
489209. Queretaro 41. Mexico. Queretaro. Cultivated. Seed.
489210. Queretaro 42. Mexico. Queretaro. Cultivated. Seed.
489211. Queretaro 44. Mexico. Queretaro. Cultivated. Seed.
489212. Queretaro 49. Mexico. Queretaro. Cultivated. Seed.
489213. Queretaro 58. Mexico. Queretaro. Cultivated. Seed.
489214. Queretaro Group 1. Mexico. Queretaro. Cultivated. Seed.
489215. Queretaro Group 3. Mexico. Queretaro. Cultivated. Seed.
489216. Queretaro Group 10. Mexico. Queretaro. Cultivated. Seed.
489217. Queretaro Group 11. Mexico. Queretaro. Cultivated. Seed.
489218. Queretaro Group 12. Mexico. Queretaro. Cultivated. Seed.
489219. Queretaro Group 13. Mexico. Queretaro. Cultivated. Seed.
489220. Queretaro Group 15. Mexico. Queretaro. Cultivated. Seed.
489221. Queretaro Group 17. Mexico. Queretaro. Cultivated. Seed.
489222. Queretaro Group 18. Mexico. Queretaro. Cultivated. Seed.
489223. Queretaro Group 20. Mexico. Queretaro. Cultivated. Seed.
489224. Queretaro Group 21. Mexico. Queretaro. Cultivated. Seed.
489225. Queretaro Group 22. Mexico. Queretaro. Cultivated. Seed.
489226. San Luis Potosi 7. Mexico. San Luis Potosi. Cultivated.
Seed.
489227. San Luis Potosi 19. Mexico. San Luis Potosi. Cultivated.
Seed.

487636 TO 489684-continued

489228. San Luis Potosi 24. Mexico. San Luis Potosi. Cultivated. Seed.
489229. San Luis Potosi Group 1. Mexico. San Luis Potosi. Cultivated. Seed.
489230. San Luis Potosi Group 2. Mexico. San Luis Potosi. Cultivated. Seed.
489231. San Luis Potosi Group 5. Mexico. San Luis Potosi. Cultivated. Seed.
489232. Tlaxcala 1. Mexico. Tlaxcala. Cultivated. Seed.
489233. Tlaxcala 5. Mexico. Tlaxcala. Cultivated. Seed.
489234. Tlaxcala Group 1. Mexico. Tlaxcala. Cultivated. Seed.
489235. Tlaxcala Group 2. Mexico. Tlaxcala. Cultivated. Seed.
489236. Veracruz 25. Mexico. Veracruz. Cultivated. Seed.
489237. Veracruz 88. Mexico. Veracruz. Cultivated. Seed.
489238. Veracruz 304. Mexico. Veracruz. Cultivated. Seed.
489239. Veracruz 305. Mexico. Veracruz. Cultivated. Seed.
489240. Veracruz 306. Mexico. Veracruz. Cultivated. Seed.
489241. Veracruz 307. Mexico. Veracruz. Cultivated. Seed.
489242. Veracruz 308. Mexico. Veracruz. Cultivated. Seed.
489243. Veracruz 312. Mexico. Veracruz. Cultivated. Seed.
489244. Veracruz 313. Mexico. Veracruz. Cultivated. Seed.
489245. Mexico 24. Mexico. Cultivated. Seed.
489246. Mexico Group 6. Mexico. Cultivated. Seed.
489247. Mexico Group 7. Mexico. Cultivated. Seed.
489248. Mexico Group 7A. Mexico. Cultivated. Seed.
489249. Mexico Group 8. Mexico. Cultivated. Seed.
489250. Mexico Group 13. Mexico. Cultivated. Seed.
489251. Mexico Group 16. Mexico. Cultivated. Seed.

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489252. Mexico Group 17. Mexico. Cultivated. Seed.
489253. Mexico Group 18. Mexico. Cultivated. Seed.
489254. Mexico Group 19. Mexico. Cultivated. Seed.
489255. Mexico Group 22. Mexico. Cultivated. Seed.
489256. Michoacan 159. Mexico. Michoacan. Cultivated. Seed.
489257. Oaxaca 397. Mexico. Oaxaca. Cultivated. Seed.
489258. Oaxaca 398. Mexico. Oaxaca. Cultivated. Seed.
489259. Oaxaca Group 2. Mexico. Oaxaca. Cultivated. Seed.
489260. Oaxaca Group 10. Mexico. Oaxaca. Cultivated. Seed.
489261. Oaxaca Group 25. Mexico. Oaxaca. Cultivated. Seed.
489262. Oaxaca Group 41. Mexico. Oaxaca. Cultivated. Seed.
489263. Oaxaca Group 42. Mexico. Oaxaca. Cultivated. Seed.
489264. Austria 14. Austria. Cultivated. Seed.
489265. Austria 16. Austria. Cultivated. Seed.
489266. Austria 200. Austria. Cultivated. Seed.
489267. Barbados 4. Barbados. Cultivated. Seed.
489268. Bolivia 77. Bolivia. Cultivated. Seed.
489269. Bolivia 79. Bolivia. Cultivated. Seed.
489270. Bolivia 82. Bolivia. Cultivated. Seed.
489271. Bolivia 84. Bolivia. Cultivated. Seed.
489272. Bolivia 902. Bolivia. Cultivated. Seed.
489273. Bolivia 905. Bolivia. Cultivated. Seed.
489274. Bolivia 911. Bolivia. Cultivated. Seed.
489275. Bolivia 913. Bolivia. Cultivated. Seed.
489276. Bolivia 929. Bolivia. Cultivated. Seed.
489277. Bolivia 952. Bolivia. Cultivated. Seed.

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489278. Bolivia 961. Bolivia. Cultivated. Seed.
489279. Bolivia 964. Bolivia. Cultivated. Seed.
489280. Bolivia 965. Bolivia. Cultivated. Seed.
489281. Bolivia 966. Bolivia. Cultivated. Seed.
489282. Bolivia 967. Bolivia. Cultivated. Seed.
489283. Bolivia 968. Bolivia. Cultivated. Seed.
489284. Bolivia 969. Bolivia. Cultivated. Seed.
489285. Bolivia 971. Bolivia. Cultivated. Seed.
489286. Bolivia 974. Bolivia. Cultivated. Seed.
489287. Bolivia 977. Bolivia. Cultivated. Seed.
489288. Bolivia 979. Bolivia. Cultivated. Seed.
489289. Bolivia 980. Bolivia. Cultivated. Seed.
489290. Bolivia 982. Bolivia. Cultivated. Seed.
489291. Bolivia 983. Bolivia. Cultivated. Seed.
489292. Bolivia 984. Bolivia. Cultivated. Seed.
489293. Brasil 94. Brazil. Cultivated. Seed.
489294. Brasil 301. Brazil. Cultivated. Seed.
489295. Brasil 304. Brazil. Cultivated. Seed.
489296. Brasil 313. Brazil. Cultivated. Seed.
489297. Brasil 319. Brazil. Cultivated. Seed.
489298. Ecuador 910. Ecuador. Cultivated. Seed.
489299. Ecuador 911. Ecuador. Cultivated. Seed.
489300. Ecuador 914. Ecuador. Cultivated. Seed.
489301. Ecuador 915. Ecuador. Cultivated. Seed.
489302. Ecuador 916. Ecuador. Cultivated. Seed.
489303. Ecuador 917. Ecuador. Cultivated. Seed.

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489304. Ecuador 928. Ecuador. Cultivated. Seed.
489305. Ecuador 929. Ecuador. Cultivated. Seed.
489306. Ecuador 933. Ecuador. Cultivated. Seed.
489307. Ecuador 937. Ecuador. Cultivated. Seed.
489308. Ecuador 938. Ecuador. Cultivated. Seed.
489309. Ecuador 941. Ecuador. Cultivated. Seed.
489310. Ecuador 943. Ecuador. Cultivated. Seed.
489311. Ecuador 945. Ecuador. Cultivated. Seed.
489312. Ecuador 949. Ecuador. Cultivated. Seed.
489313. Ecuador 950. Ecuador. Cultivated. Seed.
489314. Ecuador 951. Ecuador. Cultivated. Seed.
489315. Ecuador 953. Ecuador. Cultivated. Seed.
489316. Ecuador 955. Ecuador. Cultivated. Seed.
489317. Ecuador 959. Ecuador. Cultivated. Seed.
489318. Ecuador 962. Ecuador. Cultivated. Seed.
489319. Ecuador 963. Ecuador. Cultivated. Seed.
489320. Ecuador 964. Ecuador. Cultivated. Seed.
489321. Ecuador 965. Ecuador. Cultivated. Seed.
489322. Ecuador 966. Ecuador. Cultivated. Seed.
489323. Ecuador 967. Ecuador. Cultivated. Seed.
489324. Ecuador 968. Ecuador. Cultivated. Seed.
489325. Ecuador 970. Ecuador. Cultivated. Seed.
489326. Ecuador 971. Ecuador. Cultivated. Seed.
489327. Ecuador 972. Ecuador. Cultivated. Seed.
489328. Ecuador 973. Ecuador. Cultivated. Seed.
489329. Ecuador 977. Ecuador. Cultivated. Seed.

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489330. Ecuador 979. Ecuador. Cultivated. Seed.
489331. Peru 333. Peru. Cultivated. Seed.
489332. Peru 335. Peru. Cultivated. Seed.
489333. Peru 337. Peru. Cultivated. Seed.
489334. Peru 338. Peru. Cultivated. Seed.
489335. Peru 341. Peru. Cultivated. Seed.
489336. Peru 342. Peru. Cultivated. Seed.
489337. Peru 368. Peru. Cultivated. Seed.
489338. Peru 375. Peru. Cultivated. Seed.
489339. Peru 383. Peru. Cultivated. Seed.
489340. Peru 384. Peru. Cultivated. Seed.
489341. Peru 386. Peru. Cultivated. Seed.
489342. Peru 387. Peru. Cultivated. Seed.
489343. Peru 392. Peru. Cultivated. Seed.
489344. Peru 401. Peru. Cultivated. Seed.
489345. Peru 416. Peru. Cultivated. Seed.
489346. Costa Rica 395. Costa Rica. Cultivated. Seed.
489347. Costa Rica 396. Costa Rica. Cultivated. Seed.
489348. Costa Rica 398. Costa Rica. Cultivated. Seed.
489349. Costa Rica 399. Costa Rica. Cultivated. Seed.
489350. Costa Rica 409. Costa Rica. Cultivated. Seed.
489351. Costa Rica 410. Costa Rica. Cultivated. Seed.
489352. Costa Rica 415. Costa Rica. Cultivated. Seed.
489353. Cuba 56. Cuba. Cultivated. Seed.
489354. Cuba 61. Cuba. Cultivated. Seed.
489355. Cuba 77. Cuba. Cultivated. Seed.

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- 489356. Cuba 80. Cuba. Cultivated. Seed.
- 489357. Cuba 110. Cuba. Cultivated. Seed.
- 489358. Cuba 111. Cuba. Cultivated. Seed.
- 489359. Cuba 112. Cuba. Cultivated. Seed.
- 489360. Cuba 113. Cuba. Cultivated. Seed.
- 489361. Cuba 164. Cuba. Cultivated. Seed.
- 489362. Ethiopia 1. Ethiopia. Cultivated. Seed.
- 489363. Ethiopia 14. Ethiopia. Cultivated. Seed.
- 489364. Ethiopia 16. Ethiopia. Cultivated. Seed.
- 489365. Ethiopia 17. Ethiopia. Cultivated. Seed.
- 489366. Ethiopia 18. Ethiopia. Cultivated. Seed.
- 489367. Ethiopia 25. Ethiopia. Cultivated. Seed.
- 489368. Ethiopia 31. Ethiopia. Cultivated. Seed.
- 489369. Guatemala 86. Guatemala. Cultivated. Seed.
- 489370. Guatemala 89. Guatemala. Cultivated. Seed.
- 489371. Guatemala 98. Guatemala. Cultivated. Seed.
- 489372. Guatemala 101. Guatemala. Cultivated. Seed.
- 489373. Guatemala 118. Guatemala. Cultivated. Seed.
- 489374. Guatemala 126. Guatemala. Cultivated. Seed.
- 489375. Guatemala 127. Guatemala. Cultivated. Seed.
- 489376. Guatemala 136. Guatemala. Cultivated. Seed.
- 489377. Guatemala 152. Guatemala. Cultivated. Seed.
- 489378. Guatemala 165. Guatemala. Cultivated. Seed.
- 489379. Guatemala 169. Guatemala. Cultivated. Seed.
- 489380. Guatemala 175. Guatemala. Cultivated. Seed.
- 489381. Guatemala 185. Guatemala. Cultivated. Seed.

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489382. Guatemala 215. Guatemala. Cultivated. Seed.
489383. Guatemala 221. Guatemala. Cultivated. Seed.
489384. Guatemala 229. Guatemala. Cultivated. Seed.
489385. Guatemala 243. Guatemala. Cultivated. Seed.
489386. Guatemala 246. Guatemala. Cultivated. Seed.
489387. Guatemala 247. Guatemala. Cultivated. Seed.
489388. Guatemala 252. Guatemala. Cultivated. Seed.
489389. Guatemala 256. Guatemala. Cultivated. Seed.
489390. Guatemala 264. Guatemala. Cultivated. Seed.
489391. Guatemala 268. Guatemala. Cultivated. Seed.
489392. Guatemala 287. Guatemala. Cultivated. Seed.
489393. Guatemala 294. Guatemala. Cultivated. Seed.
489394. Guatemala 302. Guatemala. Cultivated. Seed.
489395. Guatemala 303. Guatemala. Cultivated. Seed.
489396. Guatemala 306. Guatemala. Cultivated. Seed.
489397. Guatemala 317. Guatemala. Cultivated. Seed.
489398. Guatemala 319. Guatemala. Cultivated. Seed.
489399. Guatemala 322. Guatemala. Cultivated. Seed.
489400. Guatemala 338. Guatemala. Cultivated. Seed.
489401. Guatemala 339. Guatemala. Cultivated. Seed.
489402. Guatemala 371. Guatemala. Cultivated. Seed.
489403. Guatemala 381. Guatemala. Cultivated. Seed.
489404. Guatemala 387. Guatemala. Cultivated. Seed.
489405. Guatemala 448. Guatemala. Cultivated. Seed.
489406. Guatemala 482. Guatemala. Cultivated. Seed.
489407. Guatemala 489. Guatemala. Cultivated. Seed.

487636 TO 489684-continued

489408. Guatemala 527. Guatemala. Cultivated. Seed.
489409. Guatemala 542. Guatemala. Cultivated. Seed.
489410. Guatemala 548. Guatemala. Cultivated. Seed.
489411. Guatemala 554. Guatemala. Cultivated. Seed.
489412. Guatemala 567. Guatemala. Cultivated. Seed.
489413. Guatemala 571. Guatemala. Cultivated. Seed.
489414. Guatemala 582. Guatemala. Cultivated. Seed.
489415. Guatemala 586. Guatemala. Cultivated. Seed.
489416. Guatemala 589. Guatemala. Cultivated. Seed.
489417. Guatemala 632. Guatemala. Cultivated. Seed.
489418. Guatemala 633. Guatemala. Cultivated. Seed.
489419. Guatemala 661. Guatemala. Cultivated. Seed.
489420. Honduras 33. Honduras. Cultivated. Seed.
489421. Nicaragua 55. Nicaragua. Cultivated. Seed.
489422. Panama 56. Panama. Cultivated. Seed.
489423. Guatemala Group 7-1A. Guatemala. Cultivated. Seed.
489424. Guatemala Group 21-27A. Guatemala. Cultivated. Seed.
489425. Guatemala Group 33-1A. Guatemala. Cultivated. Seed.
489426. Honduras 79. Honduras. Cultivated. Seed.
489427. Honduras 82. Honduras. Cultivated. Seed.
489428. Honduras 90. Honduras. Cultivated. Seed.
489429. Honduras 123. Honduras. Cultivated. Seed.
489430. Honduras 127. Honduras. Cultivated. Seed.
489431. Honduras 130. Honduras. Cultivated. Seed.
489432. Honduras 131. Honduras. Cultivated. Seed.
489433. Campeche 2. Mexico. Campeche. Cultivated. Seed.

487636 TO 489684-continued

- 489434. Campeche 7. Mexico. Campeche. Cultivated. Seed.
- 489435. Campeche 18. Mexico. Campeche. Cultivated. Seed.
- 489436. Campeche 45. Mexico. Campeche. Cultivated. Seed.
- 489437. Campeche 56. Mexico. Campeche. Cultivated. Seed.
- 489438. Campeche 60. Mexico. Campeche. Cultivated. Seed.
- 489439. Campeche 98. Mexico. Campeche. Cultivated. Seed.
- 489440. Campeche 102. Mexico. Campeche. Cultivated. Seed.
- 489441. Campeche 103. Mexico. Campeche. Cultivated. Seed.
- 489442. Chiapas 7. Mexico. Chiapas. Cultivated. Seed.
- 489443. Chiapas 22. Mexico. Chiapas. Cultivated. Seed.
- 489444. Chiapas 60. Mexico. Chiapas. Cultivated. Seed.
- 489445. Chiapas 63. Mexico. Chiapas. Cultivated. Seed.
- 489446. Chiapas 65. Mexico. Chiapas. Cultivated. Seed.
- 489447. Chiapas 74. Mexico. Chiapas. Cultivated. Seed.
- 489448. Chiapas 158. Mexico. Chiapas. Cultivated. Seed.
- 489449. Chiapas 168. Mexico. Chiapas. Cultivated. Seed.
- 489450. Chiapas 203. Mexico. Chiapas. Cultivated. Seed.
- 489451. Chiapas 211. Mexico. Chiapas. Cultivated. Seed.
- 489452. Coahuila 1. Mexico. Coahuila. Cultivated. Seed.
- 489453. Coahuila 25. Mexico. Coahuila. Cultivated. Seed.
- 489454. Coahuila 32. Mexico. Coahuila. Cultivated. Seed.
- 489455. Colima 17. Mexico. Colima. Cultivated. Seed.
- 489456. Colima 22. Mexico. Colima. Cultivated. Seed.
- 489457. Morelos 52. Mexico. Morelos. Cultivated. Seed.
- 489458. Morelos 62. Mexico. Morelos. Cultivated. Seed.
- 489459. Morelos 63. Mexico. Morelos. Cultivated. Seed.

487636 TO 489684-continued

489460. Morelos 64. Mexico. Morelos. Cultivated. Seed.
489461. Morelos 68. Mexico. Morelos. Cultivated. Seed.
489462. Morelos 69. Mexico. Morelos. Cultivated. Seed.
489463. Morelos 70. Mexico. Morelos. Cultivated. Seed.
489464. Morelos 71. Mexico. Morelos. Cultivated. Seed.
489465. Morelos 72. Mexico. Morelos. Cultivated. Seed.
489466. Morelos 78. Mexico. Morelos. Cultivated. Seed.
489467. Morelos 79. Mexico. Morelos. Cultivated. Seed.
489468. Morelos 80. Mexico. Morelos. Cultivated. Seed.
489469. Morelos 81. Mexico. Morelos. Cultivated. Seed.
489470. Morelos 82. Mexico. Morelos. Cultivated. Seed.
489471. Morelos 83. Mexico. Morelos. Cultivated. Seed.
489472. Morelos 84. Mexico. Morelos. Cultivated. Seed.
489473. Morelos 85. Mexico. Morelos. Cultivated. Seed.
489474. Morelos 86. Mexico. Morelos. Cultivated. Seed.
489475. Morelos 87. Mexico. Morelos. Cultivated. Seed.
489476. Morelos 88. Mexico. Morelos. Cultivated. Seed.
489477. Morelos 89. Mexico. Morelos. Cultivated. Seed.
489478. Morelos 90. Mexico. Morelos. Cultivated. Seed.
489479. Morelos 91. Mexico. Morelos. Cultivated. Seed.
489480. Morelos 92. Mexico. Morelos. Cultivated. Seed.
489481. Morelos 93. Mexico. Morelos. Cultivated. Seed.
489482. Morelos 94. Mexico. Morelos. Cultivated. Seed.
489483. Morelos 95. Mexico. Morelos. Cultivated. Seed.
489484. Morelos 96. Mexico. Morelos. Cultivated. Seed.
489485. Morelos 97. Mexico. Morelos. Cultivated. Seed.

487636 TO 489684-continued

489486. Morelos 98. Mexico. Morelos. Cultivated. Seed.
489487. Morelos 99. Mexico. Morelos. Cultivated. Seed.
489488. Morelos 100. Mexico. Morelos. Cultivated. Seed.
489489. Morelos 101. Mexico. Morelos. Cultivated. Seed.
489490. Morelos 102. Mexico. Morelos. Cultivated. Seed.
489491. Morelos 103. Mexico. Morelos. Cultivated. Seed.
489492. Morelos 104. Mexico. Morelos. Cultivated. Seed.
489493. Morelos 105. Mexico. Morelos. Cultivated. Seed.
489494. Morelos 106. Mexico. Morelos. Cultivated. Seed.
489495. Morelos 107. Mexico. Morelos. Cultivated. Seed.
489496. Morelos 108. Mexico. Morelos. Cultivated. Seed.
489497. Morelos 109. Mexico. Morelos. Cultivated. Seed.
489498. Morelos 110. Mexico. Morelos. Cultivated. Seed.
489499. Morelos 111. Mexico. Morelos. Cultivated. Seed.
489500. Morelos 112. Mexico. Morelos. Cultivated. Seed.
489501. Morelos 113. Mexico. Morelos. Cultivated. Seed.
489502. Morelos 114. Mexico. Morelos. Cultivated. Seed.
489503. Morelos 115. Mexico. Morelos. Cultivated. Seed.
489504. Nayarit 12. Mexico. Nayarit. Cultivated. Seed.
489505. Nayarit 22. Mexico. Nayarit. Cultivated. Seed.
489506. Nayarit 24. Mexico. Nayarit. Cultivated. Seed.
489507. Nayarit 34. Mexico. Nayarit. Cultivated. Seed.
489508. Nayarit 36. Mexico. Nayarit. Cultivated. Seed.
489509. Nayarit 62. Mexico. Nayarit. Cultivated. Seed.
489510. Nayarit 72. Mexico. Nayarit. Cultivated. Seed.
489511. Nuevo Leon 4. Mexico. Nuevo Leon. Cultivated. Seed.

487636 TO 489684-continued

- 489512. Nuevo Leon 6. Mexico. Nuevo Leon. Cultivated. Seed.
- 489513. Nuevo Leon 12. Mexico. Nuevo Leon. Cultivated. Seed.
- 489514. Nuevo Leon 23. Mexico. Nuevo Leon. Cultivated. Seed.
- 489515. Oaxaca 35. Mexico. Oaxaca. Cultivated. Seed.
- 489516. Oaxaca 51. Mexico. Oaxaca. Cultivated. Seed.
- 489517. Oaxaca 148. Mexico. Oaxaca. Cultivated. Seed.
- 489518. Oaxaca 171. Mexico. Oaxaca. Cultivated. Seed.
- 489519. Queretaro 62. Mexico. Queretaro. Cultivated. Seed.
- 489520. Veracruz 142. Mexico. Veracruz. Cultivated. Seed.
- 489521. Veracruz 144. Mexico. Veracruz. Cultivated. Seed.
- 489522. Veracruz 145. Mexico. Veracruz. Cultivated. Seed.
- 489523. Veracruz 147. Mexico. Veracruz. Cultivated. Seed.
- 489524. Veracruz 151. Mexico. Veracruz. Cultivated. Seed.
- 489525. Veracruz 153. Mexico. Veracruz. Cultivated. Seed.
- 489526. Veracruz 154. Mexico. Veracruz. Cultivated. Seed.
- 489527. Veracruz 155. Mexico. Veracruz. Cultivated. Seed.
- 489528. Veracruz 156. Mexico. Veracruz. Cultivated. Seed.
- 489529. Veracruz 157. Mexico. Veracruz. Cultivated. Seed.
- 489530. Veracruz 158. Mexico. Veracruz. Cultivated. Seed.
- 489531. Veracruz 159. Mexico. Veracruz. Cultivated. Seed.
- 489532. Veracruz 160. Mexico. Veracruz. Cultivated. Seed.
- 489533. Veracruz 161. Mexico. Veracruz. Cultivated. Seed.
- 489534. Veracruz 164. Mexico. Veracruz. Cultivated. Seed.
- 489535. Veracruz 166. Mexico. Veracruz. Cultivated. Seed.
- 489536. Veracruz 167. Mexico. Veracruz. Cultivated. Seed.
- 489537. Veracruz 169. Mexico. Veracruz. Cultivated. Seed.

487636 TO 489684-continued

489538. Veracruz 170. Mexico. Veracruz. Cultivated. Seed.
489539. Veracruz 171. Mexico. Veracruz. Cultivated. Seed.
489540. Veracruz 172. Mexico. Veracruz. Cultivated. Seed.
489541. Veracruz 173. Mexico. Veracruz. Cultivated. Seed.
489542. Veracruz 175. Mexico. Veracruz. Cultivated. Seed.
489543. Veracruz 177. Mexico. Veracruz. Cultivated. Seed.
489544. Veracruz 178. Mexico. Veracruz. Cultivated. Seed.
489545. Veracruz 182. Mexico. Veracruz. Cultivated. Seed.
489546. Veracruz 184. Mexico. Veracruz. Cultivated. Seed.
489547. Veracruz 188. Mexico. Veracruz. Cultivated. Seed.
489548. Veracruz 193. Mexico. Veracruz. Cultivated. Seed.
489549. Veracruz 194. Mexico. Veracruz. Cultivated. Seed.
489550. Veracruz 198. Mexico. Veracruz. Cultivated. Seed.
489551. Veracruz 199. Mexico. Veracruz. Cultivated. Seed.
489552. Veracruz 201. Mexico. Veracruz. Cultivated. Seed.
489553. Veracruz 202. Mexico. Veracruz. Cultivated. Seed.
489554. Veracruz 203. Mexico. Veracruz. Cultivated. Seed.
489555. Veracruz 205. Mexico. Veracruz. Cultivated. Seed.
489556. Veracruz 207. Mexico. Veracruz. Cultivated. Seed.
489557. Veracruz 209. Mexico. Veracruz. Cultivated. Seed.
489558. Veracruz 211. Mexico. Veracruz. Cultivated. Seed.
489559. Veracruz 214. Mexico. Veracruz. Cultivated. Seed.
489560. Veracruz 216. Mexico. Veracruz. Cultivated. Seed.
489561. Veracruz 217. Mexico. Veracruz. Cultivated. Seed.
489562. Veracruz 219. Mexico. Veracruz. Cultivated. Seed.
489563. Veracruz 220. Mexico. Veracruz. Cultivated. Seed.

487636 TO 489684-continued

- 489564. Veracruz 223. Mexico. Veracruz. Cultivated. Seed.
- 489565. Veracruz 224. Mexico. Veracruz. Cultivated. Seed.
- 489566. Veracruz 227. Mexico. Veracruz. Cultivated. Seed.
- 489567. Veracruz 308. Mexico. Veracruz. Cultivated. Seed.
- 489568. Nicaragua 83. Nicaragua. Cultivated. Seed.
- 489569. Nicaragua 86. Nicaragua. Cultivated. Seed.
- 489570. Nigeria 1. Nigeria. Cultivated. Seed.
- 489571. Panama 28. Panama. Cultivated. Seed.
- 489572. Panama 33. Panama. Cultivated. Seed.
- 489573. Panama 34. Panama. Cultivated. Seed.
- 489574. Panama 36. Panama. Cultivated. Seed.
- 489575. Panama 37. Panama. Cultivated. Seed.
- 489576. Panama 40. Panama. Cultivated. Seed.
- 489577. Panama 41. Panama. Cultivated. Seed.
- 489578. Panama 42. Panama. Cultivated. Seed.
- 489579. Panama 45. Panama. Cultivated. Seed.
- 489580. Panama 46. Panama. Cultivated. Seed.
- 489581. Panama 47. Panama. Cultivated. Seed.
- 489582. Panama 48. Panama. Cultivated. Seed.
- 489583. Panama 50. Panama. Cultivated. Seed.
- 489584. Panama 51. Panama. Cultivated. Seed.
- 489585. Panama 52. Panama. Cultivated. Seed.
- 489586. Panama 54. Panama. Cultivated. Seed.
- 489587. Panama 55. Panama. Cultivated. Seed.
- 489588. Panama 59. Panama. Cultivated. Seed.
- 489589. Panama 60. Panama. Cultivated. Seed.

487636 TO 489684-continued

489590. Panama 62. Panama. Cultivated. Seed.
489591. Panama 64. Panama. Cultivated. Seed.
489592. Panama 66. Panama. Cultivated. Seed.
489593. Panama 68. Panama. Cultivated. Seed.
489594. Panama 71. Panama. Cultivated. Seed.
489595. Panama 72. Panama. Cultivated. Seed.
489596. Panama 75. Panama. Cultivated. Seed.
489597. Panama 76. Panama. Cultivated. Seed.
489598. Panama 77. Panama. Cultivated. Seed.
489599. Panama 78. Panama. Cultivated. Seed.
489600. Panama 79. Panama. Cultivated. Seed.
489601. Panama 82. Panama. Cultivated. Seed.
489602. Panama 83. Panama. Cultivated. Seed.
489603. Panama 84. Panama. Cultivated. Seed.
489604. Panama 85. Panama. Cultivated. Seed.
489605. Panama 86. Panama. Cultivated. Seed.
489606. Panama 88. Panama. Cultivated. Seed.
489607. Panama 89. Panama. Cultivated. Seed.
489608. Panama 91. Panama. Cultivated. Seed.
489609. Panama 110. Panama. Cultivated. Seed.
489610. Panama 119. Panama. Cultivated. Seed.
489611. Panama 120. Panama. Cultivated. Seed.
489612. Panama 133. Panama. Cultivated. Seed.
489613. Panama 134. Panama. Cultivated. Seed.
489614. Panama 135. Panama. Cultivated. Seed.
489615. Panama 136. Panama. Cultivated. Seed.

487636 TO 489684-continued

489616. Panama 138. Panama. Cultivated. Seed.
489617. Panama 139. Panama. Cultivated. Seed.
489618. Panama 140. Panama. Cultivated. Seed.
489619. Panama 141. Panama. Cultivated. Seed.
489620. Panama 142. Panama. Cultivated. Seed.
489621. Panama 143. Panama. Cultivated. Seed.
489622. Panama 145. Panama. Cultivated. Seed.
489623. Panama 146. Panama. Cultivated. Seed.
489624. Panama 148. Panama. Cultivated. Seed.
489625. Panama 149. Panama. Cultivated. Seed.
489626. Panama 151. Panama. Cultivated. Seed.
489627. Panama 152. Panama. Cultivated. Seed.
489628. Panama 153. Panama. Cultivated. Seed.
489629. Panama 154. Panama. Cultivated. Seed.
489630. Panama 155. Panama. Cultivated. Seed.
489631. Panama 156. Panama. Cultivated. Seed.
489632. Panama 157. Panama. Cultivated. Seed.
489633. Panama 159. Panama. Cultivated. Seed.
489634. Panama 162. Panama. Cultivated. Seed.
489635. Panama 164. Panama. Cultivated. Seed.
489636. Panama 165. Panama. Cultivated. Seed.
489637. Panama 166. Panama. Cultivated. Seed.
489638. Panama 167. Panama. Cultivated. Seed.
489639. Panama 168. Panama. Cultivated. Seed.
489640. Panama 171. Panama. Cultivated. Seed.
489641. Panama 172. Panama. Cultivated. Seed.

487636 TO 489684-continued

- 489642. Panama 174. Panama. Cultivated. Seed.
- 489643. Panama 175. Panama. Cultivated. Seed.
- 489644. Panama 179. Panama. Cultivated. Seed.
- 489645. Panama 180. Panama. Cultivated. Seed.
- 489646. Panama Group 80A. Panama. Cultivated. Seed.
- 489647. Panama Group 80C. Panama. Cultivated. Seed.
- 489648. Panama Group 80D. Panama. Cultivated. Seed.
- 489649. Paraguay 116. Paraguay. Cultivated. Seed.
- 489650. Paraguay 119. Paraguay. Cultivated. Seed.
- 489651. Paraguay 136. Paraguay. Cultivated. Seed.
- 489652. Puerto Rico 3. United States. Puerto Rico. Cultivated. Seed.
- 489653. Puerto Rico 9. United States. Puerto Rico. Cultivated. Seed.
- 489654. Puerto Rico 11. United States. Puerto Rico. Cultivated. Seed.
- 489655. Puerto Rico 20. United States. Puerto Rico. Cultivated. Seed.
- 489656. Dominican Republic 237. Dominican Republic. Cultivated. Seed.
- 489657. Dominican Republic 238. Dominican Republic. Cultivated. Seed.
- 489658. Dominican Republic 239. Dominican Republic. Cultivated. Seed.
- 489659. Dominican Republic 241. Dominican Republic. Cultivated. Seed.
- 489660. Dominican Republic 242. Dominican Republic. Cultivated. Seed.
- 489661. Dominican Republic 243. Dominican Republic. Cultivated. Seed.
- 489662. Dominican Republic 246. Dominican Republic. Cultivated. Seed.

487636 TO 489684-continued

489663. Dominican Republic 247. Dominican Republic. Cultivated. Seed.
489664. Dominican Republic 249. Dominican Republic. Cultivated. Seed.
489665. Dominican Republic 250. Dominican Republic. Cultivated. Seed.
489666. Dominican Republic 251. Dominican Republic. Cultivated. Seed.
489667. Dominican Republic 252. Dominican Republic. Cultivated. Seed.
489668. Dominican Republic 255. Dominican Republic. Cultivated. Seed.
489669. Dominican Republic 256. Dominican Republic. Cultivated. Seed.
489670. Dominican Republic 257. Dominican Republic. Cultivated. Seed.
489671. Dominican Republic 260. Dominican Republic. Cultivated. Seed.
489672. Dominican Republic 262. Dominican Republic. Cultivated. Seed.
489673. Dominican Republic 263. Dominican Republic. Cultivated. Seed.
489674. Dominican Republic 264. Dominican Republic. Cultivated. Seed.
489675. Dominican Republic 266. Dominican Republic. Cultivated. Seed.
489676. Dominican Republic 267. Dominican Republic. Cultivated. Seed.
489677. Dominican Republic 268. Dominican Republic. Cultivated. Seed.
489678. Dominican Republic 269. Dominican Republic. Cultivated. Seed.
489679. Dominican Republic 276. Dominican Republic. Cultivated. Seed.
489680. Dominican Republic 278. Dominican Republic. Cultivated.

487636 TO 489684-continued

Seed.

489681. Dominican Republic 279. Dominican Republic. Cultivated. Seed.

489682. Dominican Republic 281. Dominican Republic. Cultivated. Seed.

489683. Dominican Republic 282. Dominican Republic. Cultivated. Seed.

489684. Dominican Republic 283. Dominican Republic. Cultivated. Seed.

489685 TO 489687. *Pennisetum schweinfurthii* Pilger (Poaceae).

From India. Donated by Rao, S.A.; Genetic Resources Unit, ICRISAT; Patancheru. Received May 1984.

489685. IP 8627. Sudan. SW 23km from Samsun, Kassala Province. Collector identification PGI-69. Seed.

489686. IP 8628. Sudan. SW 23km from Samsun, Kassala Province. Collector identification PGI-70. Seed.

489687. IP 8649. Sudan. SW 58km from Damazin, Blue Nile Province. Collector identification PIA-105I. Seed.

489688. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Everson, E.H.; Department of Crop and Soil Science, Michigan State University; East Lansing, Michigan. Received June 1984.

'Hillsdale'. United States. Asosan/Genesee 4//VA66-54-10. Soft red type. Plants 1 m tall in Michigan. Head large, glumes brown, awns apical. Seed size good. Maturity same as Augusta and Frankenmuth. Moderate field resistance in Michigan to leaf rust and powdery mildew. Horizontal disease resistance (genes for slow leaf rust and powdery mildew development) for the Michigan races. No resistance to Hessian fly. Good milling and baking quality. Winter Annual. Cultivar. Seed.

489689. *Cucumis melo* L. (Cucurbitaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida.

489689-continued

Received May 1984.

K801-5. Mexico. Collected February 03, 1980. Market, Tapachula, Chiapas. From central Mexico. Fruit round-elongate, 13cm long, about same diameter. Flesh thick (4cm), deep orange, rich and sweet flavor. May have drought resistance. Local name Melon. Cultivated. Seed.

489690 TO 489691. *Cucurbita lundelliana* L. H. Bailey (Cucurbitaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida.
Received May 1984.

489690. K801-24. Guatemala. Collected February 20, 1980. Lakeside, rd from Flores, El Cruzadero, 15km W of Melchor de Mencos, Peten. Plants vigorous, root at nodes. Leaves 5-lobed. Fruit a gourd, pear-shaped, lightly mottled cream color. Habitat very humid. May be source of disease resistance. Local name Calabaza silvestre. Wild. Seed.

489691. K801-28. Guatemala. Collected February 18, 1980. Abandoned house, E side of road, El Caoba, 37km NE of Flores, Peten. Vine dead. Fruits 6.5-9.5cm long, 6.75-9.0cm in diameter. Local name Calabaza silvestre. Wild. Seed.

489692. *Cucurbita mixta* Pang. (Cucurbitaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida.
Received May 1984.

K801-26. Guatemala. Collected February 20, 1980. Store at La Polvera, 18km W of Melchor de Mencos. Typical of region. Local name Pepitoria. Cultivated. Seed.

489693 TO 489695. *Cucurbita moschata* (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida.
Received May 1984.

489693. K801-25. Guatemala. Collected February 20, 1980. Store at small settlement, La Polvera, 18km W of Melchor de Mencos, Peten. Reportedly representative of the area. Local name Ayote. Cultivated. Seed.

489694. K801-27. Guatemala. Collected February 20, 1980. Store,

489693 TO 489695-continued

Melchor de Mencos, Peten near Belize border. Warm, humid area. Fruits large, round, cream colored. Flesh about 3cm thick, dark orange. Seeds with deep brown margin. Local name Ayote. Cultivated. Seed.

489695. K801-30. Guatemala. Collected February 22, 1980. Store, El Chal, settlement S of Flores, Peten. Fruits large, bottle-gourd shape, dark tan with few spots, 1.6kg. Local name Ayote. Cultivated. Seed.

489696 TO 489698. Cucurbita sp. (Cucurbitaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida. Received May 1984.

489696. K801-1. Mexico. Collected February 01, 1980. J. Arradio R. orchard, opposite Resistol Industrial Plant, Metapa, Chiapas. Vine small. Leaves deeply lobed. Fruits elliptic-pyriform or round, 5.8-8.8cm long, 5.9-7.0cm in diameter. Local name Calabaza de Caballo. Wild. Seed.

489697. K801-2. Mexico. Collected February 02, 1980. Private road approaching Loma Real Hotel, Tapachula, Chiapas. Vine on weedy shrubs. Fruits approximately round with broad light green stripes separated by narrower cream colored stripes, 5.6-7.1cm long, 5.9-7.4cm in diameter. Peduncle thick with abundant coarse hairs. Local name Calabaza de Caballo. Wild. Seed.

489698. K801-3. Mexico. Collected February 03, 1980. Vine on Acacia tree, entrance Port Authority bldg., Puerto Madero, Chiapas. Plants abundant. Fruits elliptic-pyriform, 8.6-10cm long, 7.1-8.6cm in diameter. May be salt and drought tolerant but may be virus susceptible. Local name Calabaza de Caballo. Wild. Seed.

489699. Melothria pendula L. (Cucurbitaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida. Received May 1984.

K801-29. Guatemala. Collected February 20, 1980. Abandoned field by Laguna Yaxa, 70km E of Flores, Peten. Disturbed area. Plants small, scrambling. Flowers tiny, yellow. Fruits small to 3cm long, dark, cucumber-like. Local name Pepino de Monte. Wild. Seed.

489700. *Momordica charantia* L. (Cucurbitaceae) Balsam pear.

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida. Received May 1984.

K801-7. Mexico. Collected February 07, 1980. Market, Tapachula, Chiapas. Fruit gourd-shaped, elongate, conical, 19cm long, 5.5cm in diameter, indehiscent, slightly bitter, arils almost tasteless. Chinese-Mexicans stuff with fish and bake. Local name Cundeamor. Cultivated. Seed.

489701. *Solanum* sp. (Solanaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida. Received May 1984.

K801-4. Mexico. Collected February 03, 1980. By path through Cacao plantation, Izapa, Municipio Tuxtla la Chica, Chiapas. Warm, lowland location. Resembles *S. quitoense*. Plant thorny, 1.5m tall. Fruits round, deep orange, sweet, about 2.5cm in diameter. Seeds reniform, bright green. Wild. Seed.

489702. Undetermined (Cucurbitaceae).

From United States. Collected by Knight, R.J.; Subtropical Horticulture Research Station, USDA-ARS; Miami, Florida. Received May 1984.

K801-9. Mexico. Collected February 05, 1980. Market, Tapachula, Chiapas. Fruits small, round, green, reportedly poisonous, used as detergent for washing clothes. Seeds 2-4, hard, black, resemble grape seeds in shape. Local name Bolita. Wild. Seed.

489703. *Rhododendron carringtoniae* F. v. Muell. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B63312. Australia. Cultivated. Plants.

489704. *Rhododendron christiana*e Sleum. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers.

489704-continued

Received April 1984.

B63296. Australia. Flower throat greenish-yellow, petals orange tipped. Cultivated. Plants.

489705. *Rhododendron cruttwellii* Sleum. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B63419. Australia. Cultivated. Plants.

489706 TO 489717. *Rhododendron* hybrid (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

489706. B63299. Australia. *R. christiana*e/*R. macgregoria*e. Flower throat deep yellow, petals with reddish tips. Cultivated. Plants.

489707. B63300. Australia. *R. lochae*/*R. christiana*e. Flowers red. Cultivated. Plants.

489708. B63301. Australia. *R. lochae*/*R. macgregoria*e. Flowers pinkish light red. Cultivated. Plants.

489709. B63302. Australia. *R. zoelleri*/*R. sp.* (Princess Alexandra). Flower throat yellow-orange, petals orange-red. Cultivated. Plants.

489710. B63304. Australia. *R. christiana*e/*R. aequabile*. Flowers notable, deep orange with bright red stamens. Cultivated. Plants.

489711. B63305. Australia. *R. laetum*/*R. phaeocephalum*. Flowers light yellow, fragrant. Cultivated. Plants.

489712. B63306. Australia. *R. christiana*e/*R. jasminiflorum*. Flowers whitish pink, throat narrow, stamens deep red. Cultivated. Plants.

489713. B63307. Australia. *R. laetum*/*R. gracilentum*. Leaves small. Flowers light red. Cultivated. Plants.

489714. B63308. 'Arthur's Choice'. Australia. *R. lochae*/*R. christiana*e. Cultivar. Plants.

489715. B63311. 'Dr. H Sleumer'. Australia. *R. phaeocephalum*/*R.*

489706 TO 489717-continued

zoelleri. Flowers pink, trumpet. Cultivar. Plants.

489716. B63314. Australia. *R. laetum*/*R. javanicum*. Cultivated. Plants.

489717. B63318. 'Overflow'. Australia. *R. lochae*/*R. christiana*e. Flowers notable, reddish pink. Cultivar. Plants.

489718 TO 489719. *Rhododendron jasminiflorum* Hook. var. *jasminiflorum* (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

489718. B61780. Australia. Leaves small. Cultivated. Plants.

489719. B63321. Australia. Cultivated. Plants.

489720. *Rhododendron jasminiflorum* var. *punctatum* Ridley (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B63295. Australia. Plant spindly, stems weak. Leaves medium. Flowers notable, 3.5cm, with long, narrow throat. Petals small, somewhat ruffled, white with pink tinge. Cultivated. Plants.

489721. *Rhododendron javanicum* (Blume) Benn. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B63298. Australia. Cultivated. Plants.

489722. *Rhododendron javanicum* (Blume) Benn. var. *javanicum* (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B61782. Australia. Cultivated. Plants.

489723. *Rhododendron laetum* J. J. Smith (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122.
Code numbers refer to Glenn Dale code numbers.
Received April 1984.

B63297. Australia. Cultivated. Plants.

489724. *Rhododendron lochae* F. v. Muell. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122.
Code numbers refer to Glenn Dale code numbers.
Received April 1984.

B63294. Australia. Cultivated. Plants.

489725. *Rhododendron macgregoriae* F. v. Muell. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122.
Code numbers refer to Glenn Dale code numbers.
Received April 1984.

B63313. Australia. Flowers pink. Cultivated. Plants.

489726 TO 489735. *Rhododendron* sp. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122.
Code numbers refer to Glenn Dale code numbers.
Received April 1984.

489726. B62759. 'Sir George Holford'. Australia. Cultivar.
Cuttings.

489727. B62760. 'Ne Plus Ultra'. Australia. Cultivar. Cuttings.

489728. B62761. 'Souven De Jhmangles'. Australia. Cultivar.
Cuttings.

489729. B62762. 'Princess Alexandra'. Australia. Cultivar.
Cuttings.

489730. B62763. 'Clorinda'. Australia. Cultivar. Cuttings.

489731. B62764. 'Pink Seedling'. Australia. Flowers pink.
Cultivar. Cuttings.

489732. B62765. 'Pink Delight'. Australia. Cultivar. Cuttings.

489733. B62766. 'Red Princess'. Australia. Cultivar. Cuttings.

489734. B62767. 'Triumphans'. Australia. Cultivar. Cuttings.

489726 TO 489735-continued

489735. B63322. Australia. Flowers notable, whitish pink, throat long, narrow, petals small, stamens red. Cultivated. Cuttings.

489736 TO 489738. *Rhododendron zoelleri* Warb. (Ericaceae).

From Australia. Donated by Withers, R.M.; Hawthorn, Victoria 3122. Code numbers refer to Glenn Dale code numbers. Received April 1984.

489736. B63309. Australia. Baiyer River type. Flowers notable, wide greenish yellow throat, deep red tips. Cultivated. Plants.

489737. B63316. Australia. Collected by M. Black. Cultivated. Plants.

489738. B63317. Australia. West Indian type. Cultivated. Plants.

489739. *Rhododendron* hybrid (Ericaceae).

From United States. Donated by Sullivan, P.; Strybing Arboretum; Golden Park, San Francisco, California. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B60531. United States. *R. laetum* x *R. souliei*. Cultivated. Cuttings.

489740. *Impatiens* sp. (Balsaminaceae).

From United States. Donated by U.S. Plant Introduction Station, USDA-ARS; Glenn Dale, Maryland. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B60567. Originally from Sri Lanka or India. Open-pollinated plants produced by H.T. Jayne from parent PI 366028. Flowers double, 3.5cm, pure white. Cultivated. Plants.

489741. *Philodendron cordatum* (Vell.) Kunth (Araceae).

From United States. Donated by U.S. Plant Introduction Station, USDA-ARS; Glenn Dale, Maryland. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B55249. Plant glabrous. Leaves entire, shiny, cordate. Cultivated. Plants.

489742. *Rhodophiala bifida* (Herb.) Traub (Amaryllidaceae).

From United States. Donated by U.S. Plant Introduction Station, USDA-ARS; Glenn Dale, Maryland. Code numbers refer to Glenn Dale code numbers.
Received April 1984.

B57218. Plants hardy to Zone 7, multiply freely. Fall flowering bulb, may be grown as pot plant. Leaves persistent. New leaves produced in fall. Scapes 20-31cm. Flowers 2-4 per umbel, trumpet shaped, red.

489743. *Serissa japonica* (Thunb.) Thunb. (Rubiaceae).

From United States. Donated by U.S. Plant Introduction Station, USDA-ARS; Glenn Dale, Maryland. Code numbers refer to Glenn Dale code numbers.
Received April 1984.

A-417. Plants 90cm tall. Leaves opposite to 1.5cm long, variegated, fetid when crushed. Inflorescences terminal or axillary with 1-several white flowers. Fruit a very small berry. Shrub - Upright. Cultivated. Plants.

489744. Undetermined (Amaryllidaceae).

From United States. Donated by U.S. Plant Introduction Station, USDA-ARS; Glenn Dale, Maryland. Code numbers refer to Glenn Dale code numbers.
Received April 1984.

B63483. Leaves basal, long, strap-shaped. Umbel on stout stalk, with 6-12 flowers 8.9cm long, rose red to white. Cultivated. Plants.

489745. *Paulownia fortunei* (Seem.) Hemsl. (Scrophulariaceae).

From China, Peoples Repub of. Donated by Hortus Botanicus Wuhanensis, Instituti Botanica Wuhanensis; Wuhan, Hupeh.
Received April 1984.

China, Peoples Repub of. Cultivated. Seed.

489746. *Rhododendron mucronulatum* Turcz. (Ericaceae).

From Korea, Republic of. Donated by Miller, C.F.; Chollipo Arboretum; Sodaemun-Ku, Seoul 120. Code numbers refer to Index Seminum, 1981.

489746-continued

Received April 1984.

88. Korea, Republic of. Flower color varies from near white to shades of pink to deep purple. Wild. Seed.

489747. *Rhododendron christiana* Sleum. (Ericaceae).

From United States. Donated by Caldwell, H.; Doctor's Inlet, Florida. Code numbers refer to Glenn Dale code numbers. Received April 1984.

B63372. United States. Cultivated. Cuttings.

489748 TO 489749. *Rhododendron* hybrid (Ericaceae).

From United States. Donated by Caldwell, H.; Doctor's Inlet, Florida. Code numbers refer to Glenn Dale code numbers. Received April 1984.

489748. B63370. United States. *R. laetum*/*R. javanicum*. Cultivated. Cuttings.

489749. B63371. United States. *R. aurigeranum*/*R. laetum*. Flowers orange-yellow. Cultivated. Cuttings.

489750. *Benincasa hispida* (Thunb.) Cogn. (Cucurbitaceae) Waxgourd.

From China, Peoples Repub of. Donated by Chinese Academy of Agricultural Sciences; Beijing. Received through 1984 Presidential visit to China. Received May 1984.

Qing pi dong gua. China, Peoples Repub of. Cultivated. Seed.

489751. *Brassica pekinensis* (Lour.) Rupr. (Brassicaceae) Chinese cabbage.

From China, Peoples Repub of. Donated by Chinese Academy of Agricultural Sciences; Beijing. Received through 1984 Presidential visit to China. Received May 1984.

Shuang qing 156. China, Peoples Repub of. Cultivar. Seed.

489752 TO 489754. *Cucumis sativus* L. (Cucurbitaceae) Cucumber.

From China, Peoples Repub of. Donated by Chinese Academy of

489752 TO 489754-continued

Agricultural Sciences; Beijing. Received through 1984
Presidential visit to China.
Received May 1984.

489752. Jin yan No. 2. China, Peoples Repub of. Cultivar. Seed.

489753. Ning yang ci gua. China, Peoples Repub of. Cultivar.
Seed.

489754. Wen shang. China, Peoples Repub of. Cultivar. Seed.

489755. *Luffa aegyptiaca* Mill. (Cucurbitaceae) Vegetable sponge.

From China, Peoples Repub of. Donated by Chinese Academy of
Agricultural Sciences; Beijing. Received through 1984
Presidential visit to China.
Received May 1984.

Chang si gua. China, Peoples Repub of. Received as *Luffa*
cylindrica. Cultivated. Seed.

489756 TO 489761. *Oryza sativa* L. (Poaceae) Rice.

From China, Peoples Repub of. Donated by Chinese Academy of
Agricultural Sciences; Beijing. Received through 1984
Presidential visit to China.
Received May 1984.

489756. Ai dao qing. China, Peoples Repub of. Cultivar. Seed.

489757. Guang lu ai 4. China, Peoples Repub of. Cultivar. Seed.

489758. Jing feng No. 5. China, Peoples Repub of. Cultivar. Seed.

489759. Jing yue No. 1. China, Peoples Repub of. Cultivar. Seed.

489760. Lu yang zao No. 2. China, Peoples Repub of. Cultivar.
Seed.

489761. Ma bian shuang xu gu. China, Peoples Repub of. Cultivar.
Seed.

489762 TO 489766. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From China, Peoples Repub of. Donated by Chinese Academy of
Agricultural Sciences; Beijing. Received through 1984
Presidential visit to China.
Received May 1984.

489762. Da hei tou. China, Peoples Repub of. Cultivar. Seed.

489762 TO 489766-continued

- 489763. Guan dong qing. China, Peoples Repub of. Cultivar. Seed.
- 489764. Hong ke bai. China, Peoples Repub of. Cultivar. Seed.
- 489765. Lao gua zuo. China, Peoples Repub of. Cultivar. Seed.
- 489766. Xiao lao lai bai. China, Peoples Repub of. Cultivar. Seed.

489767 TO 489770. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Donated by Chinese Academy of Agricultural Sciences; Beijing. Received through 1984 Presidential visit to China. Received May 1984.

- 489767. Fan 6. China, Peoples Repub of. Cultivar. Seed.
- 489768. Tai shan No. 1. China, Peoples Repub of. Cultivated. Seed.
- 489769. Xin dong No. 2. China, Peoples Repub of. Cultivated. Seed.
- 489770. Xu zhou 14. China, Peoples Repub of. Cultivar. Seed.

489771 TO 489775. *Zea mays* L. (Poaceae) Field corn.

From China, Peoples Repub of. Donated by Chinese Academy of Agricultural Sciences; Beijing. Received through 1984 Presidential visit to China. Received May 1984.

- 489771. Feng tai bai ma ya. China, Peoples Repub of. Cultivated. Seed.
- 489772. Hua nong No.2. China, Peoples Repub of. Cultivated. Seed.
- 489773. Liao tong huang ma ya. China, Peoples Repub of. Cultivated. Seed.
- 489774. Liu shi ri zao. China, Peoples Repub of. Cultivated. Seed.
- 489775. Ye ji geng. China, Peoples Repub of. Cultivated. Seed.

489776. *Cicer echinospermum* P. H. Davis (Fabaceae).

From Israel. Collected by Ladizinsky, G; Faculty of Agriculture,

489776-continued

The Hebrew University of Jerusalem; Rehovot.
Received February 1983.

204. Turkey. Collected December 02, 1982. Twenty km E of Siverek. Plants densely pubescent. Leaves imparipinnate. Seeds ovoid, slightly beaked, brown, densely covered with whitish echinate spines. Annual. Wild. Seed.

489777. *Cicer reticulatum* Ladizinsky (Fabaceae).

From Israel. Collected by Ladizinsky, G; Faculty of Agriculture, The Hebrew University of Jerusalem; Rehovot.
Received February 1983.

205. Turkey. Collected December 05, 1982. Eight km E of Savur, Maldin area. Wild. Seed.

489778. *Cicer reticulatum* Ladizinsky (Fabaceae).

From India. Donated by Pundir, R.P.S.; Genetic Resources Unit, ICRISAT; Patancheru.
Received February 1983.

JM 2106. Turkey. Collected June 29, 1982. Savur, Maldin area. Seeds echinolate. Annual. Wild. Seed.

489779 TO 489857. *Abelmoschus esculentus* (L.) Moench (Malvaceae) Okra.

From Ivory Coast. Donated by Hamon, S.; Laboratoire de Genetique, Centre d'Adiopodoume, ORSTOM; Abidjan. Received through IBPGR, Rome Italy.
Received December 1983.

489779. ORS 282. Ivory Coast. J. Siemonsma. E 01.1. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou Est Region. Primitive Cultivar. Seed.

489780. ORS 283. Ivory Coast. J. Siemonsma. E 02.1. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Primitive Cultivar. Seed.

489781. ORS 284. Ivory Coast. J. Siemonsma. E 02.2. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Primitive Cultivar. Seed.

489782. ORS 285. Ivory Coast. J. Siemonsma. A 08.1. Latitude: 05 deg 10 m N; Longitude: 004 deg 10 m W. Collected December

489779 TO 489857-continued

1981. Market, Adiopodoume, Sud Region. Primitive Cultivar.
Seed.
489783. ORS 286. Ivory Coast. J. Siemonsma. H 08.6. Latitude: 05 deg 30 m N; Longitude: 004 deg 35 m W. Collected December 1981. Market, Becedi, Sud Region. Primitive Cultivar. Seed.
489784. ORS 287. Ivory Coast. J. Siemonsma. E 04.5. Latitude: 08 deg 10 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Bianco, Nord Region. Primitive Cultivar. Seed.
489785. ORS 288. Ivory Coast. J. Siemonsma. E 06.4. Latitude: 08 deg 10 m N; Longitude: 007 deg 20 m W. Collected December 1981. Market, Bonzo, Nord Region. Primitive Cultivar. Seed.
489786. ORS 289. Ivory Coast. J. Siemonsma. B 06.1. Latitude: 08 deg 40 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Borotou, Nord Region. Primitive Cultivar. Seed.
489787. ORS 290. Ivory Coast. J. Siemonsma. B 07.1. Latitude: 07 deg 50 m N; Longitude: 005 deg 20 m W. Collected December 1981. Market, Botro, Centre Region. Primitive Cultivar. Seed.
489788. ORS 292. Ivory Coast. J. Siemonsma. H 10.1. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489789. ORS 293. Ivory Coast. J. Siemonsma. H 10.2. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489790. ORS 294. Ivory Coast. J. Siemonsma. C 05.1. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489791. ORS 295. Ivory Coast. J. Siemonsma. H 10.3. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489792. ORS 296. Ivory Coast. J. Siemonsma. H 10.4. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.

489779 TO 489857-continued

489793. ORS 297. Ivory Coast. J. Siemonsma. H 10.5. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489794. ORS 298. Ivory Coast. J. Siemonsma. C 08.1. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489795. ORS 299. Ivory Coast. J. Siemonsma. D 01.1. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489796. ORS 300. Ivory Coast. J. Siemonsma. D.02.1. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489797. ORS 301. Ivory Coast. J. Siemonsma. D 04.1 A. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489798. ORS 302. Ivory Coast. J. Siemonsma. D 04.1 B. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489799. ORS 303. Ivory Coast. J. Siemonsma. D 05.1. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Primitive Cultivar. Seed.
489800. ORS 304. Ivory Coast. J. Siemonsma. D 07.1. Latitude: 09 deg 40 m N; Longitude: 007 deg 10 m W. Collected December 1981. Market, Dabadougou, Nord Region. Primitive Cultivar. Seed.
489801. ORS 305. Ivory Coast. J. Siemonsma. D 08.1. Latitude: 09 deg 40 m N; Longitude: 007 deg 10 m W. Collected December 1981. Market, Dabadougou, Nord Region. Primitive Cultivar. Seed.
489802. ORS 306. Ivory Coast. J. Siemonsma. E 07.4. Latitude: 08 deg 20 m N; Longitude: 004 deg 20 m W. Collected December 1981. Market, Darhala, Centre Region. Primitive Cultivar. Seed.
489803. ORS 307. Ivory Coast. J. Siemonsma. E 07.6. Latitude: 08 deg 20 m N; Longitude: 004 deg 20 m W. Collected December

489779 TO 489857-continued

1981. Market, Darhala, Centre Region. Primitive Cultivar. Seed.
489804. ORS 308. Ivory Coast. J. Siemonsma. E 08.2. Latitude: 08 deg 20 m N; Longitude: 004 deg 20 m W. Collected December 1981. Market, Darhala, Centre Region. Primitive Cultivar. Seed.
489805. ORS 309. Ivory Coast. J. Siemonsma. F 02.1. Latitude: 06 deg 35 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Farako, Est Region. Primitive Cultivar. Seed.
489806. ORS 310. Ivory Coast. J. Siemonsma. F 02.4. Latitude: 08 deg 35 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Farako, Est Region. Primitive Cultivar. Seed.
489807. ORS 312. Ivory Coast. J. Siemonsma. D 11.1. Latitude: 09 deg 10 m N; Longitude: 003 deg 15 m W. Collected December 1981. Market, Farakouo, Est Region. Primitive Cultivar. Seed.
489808. ORS 313. Ivory Coast. J. Siemonsma. A 01.2 A. Latitude: 08 deg 50 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Feremandougou, Nord Region. Primitive Cultivar. Seed.
489809. ORS 314. Ivory Coast. J. Siemonsma. A 01.2 B. Latitude: 08 deg 50 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Feremandougou, Nord Region. Primitive Cultivar. Seed.
489810. ORS 315. Mali. J. Siemonsma. F 03.3. Collected December 1981. Primitive Cultivar. Seed.
489811. ORS 316. Mali. J. Siemonsma. F 03.6. Collected December 1981. Primitive Cultivar. Seed.
489812. ORS 317. Ivory Coast. J. Siemonsma. A 04.2. Latitude: 07 deg 50 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Fougouesso, Ouest Region. Primitive Cultivar. Seed.
489813. ORS 318. Ivory Coast. J. Siemonsma. F 04.4. Latitude: 04 deg 40 m N; Longitude: 007 deg 10 m W. Collected December 1981. Market, Gabo, Sud Region. Primitive Cultivar. Seed.
489814. ORS 319. Ivory Coast. J. Siemonsma. F 05.2. Latitude: 08 deg N; Longitude: 002 deg 45 m W. Collected December 1981. Market, Gole, Sud Region. Primitive Cultivar. Seed.
489815. ORS 320. Ivory Coast. J. Siemonsma. F 05.4. Latitude: 08

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- deg N; Longitude: 002 deg 45 m W. Collected December 1981. Market, Gole, Sud Region. Primitive Cultivar. Seed.
489816. ORS 321. Upper Volta. J. Siemonsma. F 08.1. Collected December 1981. Primitive Cultivar. Seed.
489817. ORS 322. Upper Volta. J. Siemonsma. F 08.2. Collected December 1981. Primitive Cultivar. Seed.
489818. ORS 323. Upper Volta. J. Siemonsma. F 08.3. Collected December 1981. Primitive Cultivar. Seed.
489819. ORS 324. Ivory Coast. J. Siemonsma. F 09.1. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Primitive Cultivar. Seed.
489820. ORS 325. Ivory Coast. J. Siemonsma. F 09.4. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Primitive Cultivar. Seed.
489821. ORS 326. Ivory Coast. J. Siemonsma. A 09.2. Latitude: 09 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Kanaso, Nord Region. Primitive Cultivar. Seed.
489822. ORS 328. Ivory Coast. J. Siemonsma. G 01.4. Latitude: 09 deg 35 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Koebonou, Est Region. Primitive Cultivar. Seed.
489823. ORS 329. Ivory Coast. J. Siemonsma. G 02.1. Latitude: 09 deg 30 m N; Longitude: 003 deg 45 m W. Collected December 1981. Market, Koitan, Est Region. Primitive Cultivar. Seed.
489824. ORS 330. Ivory Coast. J. Siemonsma. G 02.1. Latitude: 09 deg 30 m N; Longitude: 003 deg 45 m W. Collected December 1981. Market, Koitan, Est Region. Primitive Cultivar. Seed.
489825. ORS 331. Ivory Coast. J. Siemonsma. B 03.2. Latitude: 09 deg 10 m N; Longitude: 005 deg 20 m W. Collected December 1981. Market, Kombordougou, Nord Region. Primitive Cultivar. Seed.
489826. ORS 332. Ivory Coast. J. Siemonsma. B 06.2 A. Latitude: 09 deg 30 m N; Longitude: 005 deg 40 m W. Collected December 1981. Market, Korhogo, Nord Region. Primitive Cultivar. Seed.
489827. ORS 333. Ivory Coast. J. Siemonsma. B 06.2 B. Latitude:

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- 09 deg 30 m N; Longitude: 005 deg 40 m W. Collected December 1981. Market, Korhogo, Nord Region. Primitive Cultivar. Seed.
489828. ORS 334. Ivory Coast. J. Siemonsma. B 07.2. Latitude: 09 deg 20 m N; Longitude: 005 deg 35 m W. Collected December 1981. Market, Korondougou, Nord Region. Primitive Cultivar. Seed.
489829. ORS 335. Ivory Coast. J. Siemonsma. B 08.2. Latitude: 09 deg 20 m N; Longitude: 005 deg 35 m W. Collected December 1981. Market, Korondougou, Nord Region. Primitive Cultivar. Seed.
489830. ORS 336. Ivory Coast. J. Siemonsma. B 09.2. Latitude: 09 deg 20 m N; Longitude: 005 deg 35 m W. Collected December 1981. Market, Korondougou, Nord Region. Primitive Cultivar. Seed.
489831. ORS 338. Ivory Coast. J. Siemonsma. C 06.2. Latitude: 09 deg 40 m N; Longitude: 006 deg 55 m W. Collected December 1981. Market, Madinani, Nord Region. Primitive Cultivar. Seed.
489832. ORS 339. Ivory Coast. J. Siemonsma. C 07.2. Latitude: 09 deg 40 m N; Longitude: 006 deg 55 m W. Collected December 1981. Market, Madinani, Nord Region. Primitive Cultivar. Seed.
489833. ORS 340. Ivory Coast. J. Siemonsma. G 05.3. Latitude: 08 deg 45 m N; Longitude: 003 deg 05 m W. Collected December 1981. Market, Mango, Est Region. Primitive Cultivar. Seed.
489834. ORS 341. Ivory Coast. J. Siemonsma. D 02.2 A. Latitude: 09 deg 25 m N; Longitude: 005 deg 45 m W. Collected December 1981. Market, Mbenguedougou, Nord Region. Primitive Cultivar. Seed.
489835. ORS 342. Ivory Coast. J. Siemonsma. D 03.2. Latitude: 09 deg 25 m N; Longitude: 005 deg 45 m W. Collected December 1981. Market, Mbenguedougou, Nord Region. Primitive Cultivar. Seed.
489836. ORS 343. Ivory Coast. J. Siemonsma. D 04.2. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489837. ORS 344. Ivory Coast. J. Siemonsma. D 05.2 A. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.

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489838. ORS 345. Ivory Coast. J. Siemonsma. H 11.3. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489839. ORS 346. Ivory Coast. J. Siemonsma. D 07.2. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489840. ORS 347. Ivory Coast. J. Siemonsma. D 08.2. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489841. ORS 348. Ivory Coast. J. Siemonsma. D 09.2 A. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489842. ORS 349. Ivory Coast. J. Siemonsma. D 09.2 B. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489843. ORS 350. Ivory Coast. J. Siemonsma. D 11.2 A. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Primitive Cultivar. Seed.
489844. ORS 351. Ivory Coast. J. Siemonsma. A 03.3. Latitude: 09 deg 40 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Namboukaka, Nord Region. Primitive Cultivar. Seed.
489845. ORS 352. Ivory Coast. J. Siemonsma. A 04.3. Latitude: 09 deg 40 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Namboukaka, Nord Region. Primitive Cultivar. Seed.
489846. ORS 353. Ivory Coast. J. Siemonsma. A 07.3. Latitude: 08 deg 50 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Nambanakaha, Nord Region. Primitive Cultivar. Seed.
489847. ORS 354. Niger. J. Siemonsma. G 09.6. Collected December 1981. Primitive Cultivar. Seed.
489848. ORS 355. Ivory Coast. J. Siemonsma. H 11.5. Latitude: 09 deg 30 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Odienne, Nord Region. Primitive Cultivar. Seed.

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489849. ORS 356. Ivory Coast. J. Siemonsma. A 10.3. Latitude: 09 deg 20 m N; Longitude: 005 deg 25 m W. Collected December 1981. Market, Pokaha, Nord Region. Primitive Cultivar. Seed.
489850. ORS 357. Ivory Coast. J. Siemonsma. H 04.2. Latitude: 04 deg 30 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Pounie, Sud Region. Primitive Cultivar. Seed.
489851. ORS 358. Ivory Coast. J. Siemonsma. H 05.2. Latitude: 08 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Saleye, Est Region. Primitive Cultivar. Seed.
489852. ORS 359. Ivory Coast. J. Siemonsma. B 02.3 A. Latitude: 09 deg 35 m N; Longitude: 006 deg 10 m W. Collected December 1981. Market, Seguekele, Nord Region. Primitive Cultivar. Seed.
489853. ORS 361. Ivory Coast. J. Siemonsma. B 10.3 A. Latitude: 09 deg 30 m N; Longitude: 007 deg 15 m W. Collected December 1981. Market, Tieme, Nord Region. Primitive Cultivar. Seed.
489854. ORS 363. Ivory Coast. J. Siemonsma. C 05.3. Latitude: 09 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Toumba, Nord Region. Primitive Cultivar. Seed.
489855. ORS 364. Ivory Coast. J. Siemonsma. C 06.3. Latitude: 09 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Toumba, Nord Region. Primitive Cultivar. Seed.
489856. ORS 365. Ivory Coast. J. Siemonsma. C 08.3. Latitude: 09 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Toumba, Nord Region. Primitive Cultivar. Seed.
489857. ORS 366. Ivory Coast. J. Siemonsma. H 07.3. Latitude: 09 deg 20 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Yalo, Est Region. Primitive Cultivar. Seed.

489858 TO 490016. *Abelmoschus manihot* (L.) Medik. (Malvaceae).

From Ivory Coast. Donated by Hamon, S.; Laboratoire de Genetique, Centre d'Adiopodoume, ORSTOM; Abidjan. Received through IBPGR, Rome Italy.
Received December 1983.

489858. ORS 372. Ivory Coast. J. Siemonsma. E 01.2. Latitude: 06

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- deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489859. ORS 373. Ivory Coast. J. Siemonsma. E 01.3. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489860. ORS 374. Ivory Coast. J. Siemonsma. E 01.4. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489861. ORS 375. Ivory Coast. J. Siemonsma. E 01.5. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489862. ORS 376. Ivory Coast. J. Siemonsma. E 01.6. Latitude: 06 deg 40 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Abengourou, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489863. ORS 377. Ivory Coast. J. Siemonsma. H 08.8. Latitude: 05 deg 50 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Abie, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489864. ORS 378. Ivory Coast. J. Siemonsma. A 01.1 B. Latitude: 05 deg 50 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Abie, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489865. ORS 379. Ivory Coast. J. Siemonsma. A 02.1 A. Latitude: 05 deg 15 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Abobo Gare, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489866. ORS 380. Ivory Coast. J. Siemonsma. A 02.1 B. Latitude: 05 deg 15 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Abobo Gare, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489867. ORS 382. Ivory Coast. J. Siemonsma. A 04.1 A. Latitude: 05 deg 10 m N; Longitude: 004 deg 10 m W. Collected December 1981. Market, Adiopodoume, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489868. ORS 383. Ivory Coast. J. Siemonsma. A 04.1 B. Latitude: 05 deg 10 m N; Longitude: 004 deg 10 m W. Collected December 1981. Market, Adiopodoume, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489869. ORS 384. Ivory Coast. J. Siemonsma. A 05.1. Latitude: 05 deg 10 m N; Longitude: 004 deg 10 m W. Collected December 1981. Market, Adiopodoume, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489870. ORS 386. Ivory Coast. J. Siemonsma. A 09.1. Latitude: 06 deg 10 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Adzope, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489871. ORS 388. Ivory Coast. J. Siemonsma. E 02.4. Latitude: 06 deg 40 m N; Longitude: 003 deg 40 m W. Collected December 1981. Market, Aniassue, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489872. ORS 390. Ivory Coast. J. Siemonsma. E 02.6. Latitude: 06 deg 40 m N; Longitude: 003 deg 40 m W. Collected December 1981. Market, Aniassue, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489873. ORS 391. Ivory Coast. J. Siemonsma. E 03.1. Latitude: 06 deg 40 m N; Longitude: 003 deg 40 m W. Collected December 1981. Market, Aniassue, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489874. ORS 392. Ivory Coast. J. Siemonsma. E 03.2. Latitude: 08 deg 05 m N; Longitude: 005 deg 25 m W. Collected December 1981. Market, Bada, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489875. ORS 393. Ivory Coast. J. Siemonsma. E 03.3. Latitude: 08 deg 05 m N; Longitude: 005 deg 25 m W. Collected December 1981. Market, Bada, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489876. ORS 394. Ivory Coast. J. Siemonsma. E 03.4. Latitude: 09 deg N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Bamia, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489877. ORS 396. Ivory Coast. J. Siemonsma. E 03.6. Latitude: 09 deg N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Bamia, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489878. ORS 398. Ivory Coast. J. Siemonsma. E 04.2. Latitude: 09 deg N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Bamia, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489879. ORS 399. Ivory Coast. J. Siemonsma. B 02.1 B. Latitude: 05 deg 30 m N; Longitude: 004 deg 35 m W. Collected

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- December 1981. Market, Becedi, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489880. ORS 400. Ivory Coast. J. Siemonsma. R 03.1 A. Latitude: 07 deg 40 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Biankouma, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489881. ORS 401. Ivory Coast. J. Siemonsma. B 03.1 B. Latitude: 07 deg 40 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Biankouma, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489882. ORS 402. Ivory Coast. J. Siemonsma. H 09.1. Latitude: 07 deg 40 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Biankouma, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489883. ORS 403. Ivory Coast. J. Siemonsma. B 04.1 B. Latitude: 07 deg 40 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Biankouma, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489884. ORS 405. Ivory Coast. J. Siemonsma. E 04.6. Latitude: 07 deg N; Longitude: 004 deg 30 m W. Collected December 1981. Market, Bocanda, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489885. ORS 407. Ivory Coast. J. Siemonsma. E 05.2. Latitude: 07 deg N; Longitude: 004 deg 30 m W. Collected December 1981. Market, Bocanda, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489886. ORS 408. Ivory Coast. J. Siemonsma. E 05.3. Latitude: 07 deg N; Longitude: 004 deg 30 m W. Collected December 1981. Market, Bocanda, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489887. ORS 410. Ivory Coast. J. Siemonsma. E 05.5. Latitude: 08 deg 25 m N; Longitude: 004 deg 40 m W. Collected December 1981. Market, Bokala, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489888. ORS 413. Ivory Coast. J. Siemonsma. E 06.3. Latitude: 08 deg 10 m N; Longitude: 007 deg 20 m W. Collected December 1981. Market, Bonzo, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489889. ORS 414. Ivory Coast. J. Siemonsma. E 06.5. Latitude: 07 deg 50 m N; Longitude: 005 deg 20 m W. Collected December 1981. Market, Botro, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489890. ORS 415. Ivory Coast. J. Siemonsma. E 06.6. Latitude: 07 deg 50 m N; Longitude: 005 deg 20 m W. Collected December 1981. Market, Botro, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489891. ORS 417. Ivory Coast. J. Siemonsma. B 09.1. Latitude: 07 deg N; Longitude: 006 deg 50 m W. Collected December 1981. Market, Bouafle, Centre Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489892. ORS 418. Ivory Coast. J. Siemonsma. B 10.1. Latitude: 07 deg N; Longitude: 006 deg 50 m W. Collected December 1981. Market, Bouafle, Centre Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489893. ORS 419. Ivory Coast. J. Siemonsma. C 01.1. Latitude: 07 deg 40 m N; Longitude: 005 deg 05 m W. Collected December 1981. Market Bouake, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489894. ORS 420. Ivory Coast. J. Siemonsma. E 07.1. Latitude: 09 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Bouna, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489895. ORS 421. Ivory Coast. J. Siemonsma. E 07.2. Latitude: 09 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Bouna, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489896. ORS 422. Ivory Coast. J. Siemonsma. E 07.3. Latitude: 09 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Bouna, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489897. ORS 424. Ivory Coast. J. Siemonsma. C 10.1 B. Latitude: 09 deg 30 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Boundiali, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489898. ORS 425. Ivory Coast. J. Siemonsma. D 09.1 B. Latitude: 07 deg 05 m N; Longitude: 004 deg 05 m W. Collected December 1981. Market Daoukro, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489899. ORS 426. Ivory Coast. J. Siemonsma. E 08.3 B. Latitude: 08 deg 30 m N; Longitude: 004 deg 25 m W. Collected December 1981. Market, Darhala, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489900. ORS 429. Ivory Coast. J. Siemonsma. E 08.6. Latitude: 08 deg 35 m N; Longitude: 003 deg 35 m W. Collected December

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1981. Market, Depingo, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489901. ORS 430. Ivory Coast. J. Siemonsma. E 09.1. Latitude: 08 deg 35 m N; Longitude: 003 deg 35 m W. Collected December 1981. Market, Depingo, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489902. ORS 431. Ivory Coast. J. Siemonsma. E 09.2. Latitude: 08 deg 35 m N; Longitude: 003 deg 35 m W. Collected December 1981. Market, Depingo, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489903. ORS 432. Ivory Coast. J. Siemonsma. E 09.3. Latitude: 08 deg 10 m N; Longitude: 005 deg 40 m W. Collected December 1981. Market, Dialakoro, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489904. ORS 434. Ivory Coast. J. Siemonsma. F 09.5. Latitude: 08 deg 10 m N; Longitude: 005 deg 40 m W. Collected December 1981. Market, Dialakoro, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489905. ORS 435. Ivory Coast. J. Siemonsma. F 10.1. Latitude: 08 deg 10 m N; Longitude: 005 deg 40 m W. Collected December 1981. Market, Dialakoro, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489906. ORS 436. Ivory Coast. J. Siemonsma. F 10.2. Latitude: 05 deg 50 m N; Longitude: 005 deg 20 m W. Collected December 1981. Market, Divo, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489907. ORS 437. Ivory Coast. J. Siemonsma. F 10.3. Latitude: 05 deg 50 m N; Longitude: 005 deg 20 m W. Collected December 1981. Market, Divo, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489908. ORS 438. Ivory Coast. J. Siemonsma. F 10.4. Latitude: 05 deg 15 m N; Longitude: 007 deg 15 m W. Collected December 1981. Market, Djiroutou, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489909. ORS 439. Ivory Coast. J. Siemonsma. F.10.5. Latitude: 05 deg 15 m N; Longitude: 007 deg 15 m W. Collected December 1981. Market, Djiroutou, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489910. ORS 440. Ivory Coast. J. Siemonsma. F 10.6. Latitude: 05 deg 15 m N; Longitude: 007 deg 15 m W. Collected December 1981. Market, Djiroutou, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489911. ORS 442. Ivory Coast. J. Siemonsma. D 10.1 A. Latitude: 05 deg 50 m N; Longitude: 004 deg 50 m W. Collected December 1981. Market, Dupuy Yao, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489912. ORS 445. Ivory Coast. J. Siemonsma. F 02.2. Latitude: 08 deg 35 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Farako, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489913. ORS 446. Ivory Coast. J. Siemonsma. F 02.3. Latitude: 08 deg 35 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Farako, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489914. ORS 447. Ivory Coast. J. Siemonsma. F 03.2. Latitude: 09 deg 20 m N; Longitude: 004 deg 30 m W. Collected December 1981. Market, Fasselemou, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489915. ORS 448. Ivory Coast. J. Siemonsma. A 02.2 A. Latitude: 08 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Fouenan, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489916. ORS 449. Ivory Coast. J. Siemonsma. A 02.2 B. Latitude: 08 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Fouenan, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489917. ORS 450. Ivory Coast. J. Siemonsma. A 03.2. Latitude: 08 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Fouenan, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489918. ORS 451. Ivory Coast. J. Siemonsma. F 04.2. Latitude: 04 deg 40 m N; Longitude: 007 deg 10 m W. Collected December 1981. Market, Gabo, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489919. ORS 452. Ivory Coast. J. Siemonsma. F 04.5. Latitude: 04 deg 40 m N; Longitude: 007 deg 10 m W. Collected December 1981. Market, Gabo, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489920. ORS 454. Ivory Coast. J. Siemonsma. F 05.3. Latitude: 08 deg N; Longitude: 002 deg 45 m W. Collected December 1981. Market, Gole, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489921. ORS 457. Ivory Coast. J. Siemonsma. F 06.2. Latitude: 08 deg 30 m N; Longitude: 004 deg 10 m W. Collected December

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1981. Market, Gombodougou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489922. ORS 458. Ivory Coast. J. Siemonsma. F 06.3. Latitude: 08 deg 30 m N; Longitude: 004 deg 10 m W. Collected December 1981. Market, Gombodougou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489923. ORS 459. Ivory Coast. J. Siemonsma. F 06.5. Latitude: 08 deg 30 m N; Longitude: 004 deg 10 m W. Collected December 1981. Market, Gombodougou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489924. ORS 460. Ivory Coast. J. Siemonsma. F 06.6. Latitude: 08 deg 30 m N; Longitude: 004 deg 10 m W. Collected December 1981. Market, Gombodougou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489925. ORS 461. Ivory Coast. J. Siemonsma. A 05.2. Latitude: 06 deg 50 m N; Longitude: 006 deg 40 m W. Collected December 1981. Market, Gregbeu, Centre Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489926. ORS 462. Ivory Coast. J. Siemonsma. F 07.4. Latitude: 07 deg 50 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Guende, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489927. ORS 463. Ivory Coast. J. Siemonsma. F 07.5. Latitude: 07 deg 50 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Guende, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489928. ORS 464. Ivory Coast. J. Siemonsma. F 07.6. Latitude: 07 deg 50 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Guende, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489929. ORS 465. Ivory Coast. J. Siemonsma. A 06.2. Latitude: 06 deg 50 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Guinglo, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489930. ORS 466. Ivory Coast. J. Siemonsma. A 07.2 A. Latitude: 06 deg 50 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Guinglo, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489931. ORS 467. Ivory Coast. J. Siemonsma. A 07.2 B. Latitude: 06 deg 50 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Guinglo, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489932. ORS 468. Ivory Coast. J. Siemonsma. H 10.6. Latitude: 06 deg 50 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Guinglo, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489933. ORS 469. Ivory Coast. J. Siemonsma. F 08.4. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489934. ORS 470. Ivory Coast. J. Siemonsma. F 08.5. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489935. ORS 471. Ivory Coast. J. Siemonsma. F 08.6. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489936. OPS 472. Ivory Coast. J. Siemonsma. F 09.2. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489937. ORS 473. Ivory Coast. J. Siemonsma. F 09.3. Latitude: 07 deg 45 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Iguila, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489938. ORS 474. Ivory Coast. J. Siemonsma. F 09.5. Latitude: 08 deg 35 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Kakpin, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489939. ORS 475. Ivory Coast. J. Siemonsma. F 09.6. Latitude: 08 deg 35 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Kakpin, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489940. ORS 476. Ivory Coast. J. Siemonsma. F 10.1. Latitude: 08 deg 35 m N; Longitude: 003 deg 50 m W. Collected December 1981. Market, Kakpin, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489941. ORS 477. Ivory Coast. J. Siemonsma. B 01.2 B. Latitude: 09 deg 10 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Kanaso, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489942. ORS 478. Ivory Coast. J. Siemonsma. F 10.3 B. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected

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- December 1981. Market, Kapele, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489943. ORS 479. Ivory Coast. J. Siemonsma. F 10.4. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Kapele, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489944. ORS 480. Ivory Coast. J. Siemonsma. F 10.5. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Kapele, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489945. ORS 481. Ivory Coast. J. Siemonsma. F 10.6. Latitude: 06 deg 30 m N; Longitude: 007 deg 25 m W. Collected December 1981. Market, Kati, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489946. ORS 482. Ivory Coast. J. Siemonsma. G 01.1. Latitude: 06 deg 30 m N; Longitude: 007 deg 25 m W. Collected December 1981. Market, Kati, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489947. ORS 483. Ivory Coast. J. Siemonsma. G 01.3. Latitude: 06 deg 30 m N; Longitude: 007 deg 25 m W. Collected December 1981. Market, Kati, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489948. ORS 484. Ivory Coast. J. Siemonsma. B 02.2. Latitude: 08 deg 10 m N; Longitude: 005 deg 05 m W. Collected December 1981. Market, Kationo, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489949. ORS 485. Ivory Coast. J. Siemonsma. G 01.6. Latitude: 09 deg 35 m N; Longitude: 003 deg 30 m W. Collected December 1981. Market, Koebonou, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489950. ORS 486. Ivory Coast. J. Siemonsma. G 02.3. Latitude: 09 deg 30 m N; Longitude: 003 deg 45 m W. Collected December 1981. Market, Koitan, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489951. ORS 487. Ivory Coast. J. Siemonsma. B 04.2. Latitude: 07 deg 40 m N; Longitude: 004 deg 25 m W. Collected December 1981. Market, Kora Akissikro, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489952. ORS 488. Ivory Coast. J. Siemonsma. B 05.2. Latitude: 07 deg 40 m N; Longitude: 004 deg 25 m W. Collected December 1981. Market, Kora Akissikro, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489953. ORS 489. Ivory Coast. J. Siemonsma. B 10.2. Latitude: 07 deg N; Longitude: 005 deg 40 m W. Collected December 1981. Market, Kossou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489954. ORS 490. Ivory Coast. J. Siemonsma. G 02.5. Latitude: 07 deg 40 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Koun Fao, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489955. ORS 492. Ivory Coast. J. Siemonsma. G 03.1. Latitude: 07 deg 40 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Koun Fao, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489956. ORS 493. Ivory Coast. J. Siemonsma. G 03.2. Latitude: 07 deg 40 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Koun Fao, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489957. ORS 494. Ivory Coast. J. Siemonsma. G 03.3. Latitude: 07 deg 40 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Koun Fao, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489958. ORS 495. Ivory Coast. J. Siemonsma. G 01.2. Latitude: 09 deg 25 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Kourou Kouna, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489959. ORS 496. Ivory Coast. J. Siemonsma. C 02.2 A. Latitude: 09 deg 25 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Kourou Kouna, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489960. ORS 497. Ivory Coast. J. Siemonsma. C 02.2 B. Latitude: 09 deg 25 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Kourou Kouna, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489961. ORS 499. Ivory Coast. J. Siemonsma. H 11.2. Latitude: 09 deg 25 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Kourou Kouna, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489962. ORS 500. Ivory Coast. J. Siemonsma. C 05.2. Latitude: 09 deg 25 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Kpousousou, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489963. ORS 501. Ivory Coast. J. Siemonsma. G 03.5. Latitude: 08 deg 40 m N; Longitude: 003 deg 20 m W. Collected December 1981. Market, Lambira, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489964. ORS 502. Ivory Coast. J. Siemonsma. G 04.1. Latitude: 08 deg 40 m N; Longitude: 003 deg 20 m W. Collected December 1981. Market, Lambira, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489965. ORS 504. Ivory Coast. J. Siemonsma. G 04.3. Latitude: 08 deg 05 m N; Longitude: 007 deg 05 m W. Collected December 1981. Market, Linguekoro, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489966. ORS 505. Ivory Coast. J. Siemonsma. G 04.4. Latitude: 08 deg 05 m N; Longitude: 007 deg 05 m W. Collected December 1981. Market, Linguekoro, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489967. OPS 506. Ivory Coast. J. Siemonsma. G 04.5. Latitude: 08 deg 05 m N; Longitude: 007 deg 05 m W. Collected December 1981. Market, Linguekoro, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489968. ORS 507. Ivory Coast. J. Siemonsma. C 08.2. Latitude: 07 deg 25 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Man, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489969. ORS 509. Ivory Coast. J. Siemonsma. C 10.2 A. Latitude: 07 deg 25 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Man, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489970. ORS 510. Ivory Coast. J. Siemonsma. C 10.2 B. Latitude: 07 deg 25 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Man, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489971. ORS 514. Ivory Coast. J. Siemonsma. G 05.5. Latitude: 08 deg 05 m N; Longitude: 006 deg 10 m W. Collected December 1981. Market, Mankono, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489972. ORS 515. Ivory Coast. J. Siemonsma. G 06.1. Latitude: 08 deg 05 m N; Longitude: 006 deg 10 m W. Collected December 1981. Market, Mankono, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489973. ORS 517. Ivory Coast. J. Siemonsma. G 06.5. Latitude: 09 deg 15 m N; Longitude: 004 deg 25 m W. Collected December

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1981. Market, Mapina, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489974. ORS 518. Ivory Coast. J. Siemonsma. D 10.2. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489975. ORS 519. Ivory Coast. J. Siemonsma. D 11.2 B. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489976. ORS 520. Ivory Coast. J. Siemonsma. A 01.3. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489977. ORS 521. Ivory Coast. J. Siemonsma. A 02.3. Latitude: 09 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Mindiadougou, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489978. ORS 522. Ivory Coast. J. Siemonsma. G 07.1. Latitude: 09 deg 10 m N; Longitude: 004 deg 50 m W. Collected December 1981. Market, Nafana, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489979. ORS 523. Ivory Coast. J. Siemonsma. H 11.4. Latitude: 08 deg 50 m N; Longitude: 005 deg 15 m W. Collected December 1981. Market, Nambanakaha, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489980. ORS 524. Ivory Coast. J. Siemonsma. G 07.6. Latitude: 08 deg N; Longitude: 002 deg 45 m W. Collected December 1981. Market, Nere, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489981. ORS 525. Ivory Coast. J. Siemonsma. G 08.1. Latitude: 08 deg N; Longitude: 002 deg 45 m W. Collected December 1981. Market, Nere, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489982. ORS 528. Ivory Coast. J. Siemonsma. G 09.5. Latitude: 07 deg N; Longitude: 003 deg 20 m W. Collected December 1981. Market, Niando, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489983. ORS 529. Ivory Coast. J. Siemonsma. G 10.1. Latitude: 05 deg N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Nobouagui, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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489984. ORS 531. Ivory Coast. J. Siemonsma. H 11.6. Latitude: 09 deg 10 m N; Longitude: 005 deg 10 m W. Collected December 1981. Market, Pangaladougou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489985. ORS 532. Ivory Coast. J. Siemonsma. G 10.5. Latitude: 08 deg 30 m N; Longitude: 002 deg 55 m W. Collected December 1981. Market, Peteye, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489986. ORS 533. Ivory Coast. J. Siemonsma. G 10.6. Latitude: 08 deg 30 m N; Longitude: 002 deg 55 m W. Collected December 1981. Market, Peteye, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489987. ORS 535. Ivory Coast. J. Siemonsma. H 01.6. Latitude: 08 deg N; Longitude: 005 deg W. Collected December 1981. Market, Poefele, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489988. ORS 537. Ivory Coast. J. Siemonsma. H 03.2. Latitude: 04 deg 30 m N; Longitude: 007 deg 20 m W. Collected December 1981. Market, Pounie, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489989. ORS 538. Ivory Coast. J. Siemonsma. H 03.6. Latitude: 04 deg 30 m N; Longitude: 007 deg 20 m W. Collected December 1981. Market, Pounie, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489990. ORS 539. Ivory Coast. J. Siemonsma. H 04.1. Latitude: 04 deg 30 m N; Longitude: 007 deg 20 m W. Collected December 1981. Market, Pounie, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489991. ORS 540. Ivory Coast. J. Siemonsma. H 04.4. Latitude: 08 deg 35 m N; Longitude: 003 deg 05 m W. Collected December 1981. Market, Saboukba, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489992. ORS 541. Ivory Coast. J. Siemonsma. H 04.5. Latitude: 08 deg 35 m N; Longitude: 003 deg 05 m W. Collected December 1981. Market, Saboukba, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489993. ORS 542. Ivory Coast. J. Siemonsma. H 04.6. Latitude: 05 deg 40 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Sakre, Sud Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489994. ORS 543. Ivory Coast. J. Siemonsma. H 05.1. Latitude: 08 deg 20 m N; Longitude: 003 deg W. Collected December 1981.

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- Market, Saleye, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489995. ORS 544. Ivory Coast. J. Siemonsma. H 05.3. Latitude: 08 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Saleye, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489996. ORS 545. Ivory Coast. J. Siemonsma. H 05.4. Latitude: 08 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Saleye, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489997. ORS 546. Ivory Coast. J. Siemonsma. H 05.5. Latitude: 08 deg 20 m N; Longitude: 003 deg W. Collected December 1981. Market, Saleye, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489998. ORS 547. Ivory Coast. J. Siemonsma. H 06.2. Latitude: 08 deg 05 m N; Longitude: 006 deg 35 m W. Collected December 1981. Market, Seguela, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
489999. ORS 548. Ivory Coast. J. Siemonsma. H 06.3. Latitude: 08 deg 05 m N; Longitude: 006 deg 30 m W. Collected December 1981. Market, Siana, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490000. ORS 552. Ivory Coast. J. Siemonsma. H 12.2. Latitude: 07 deg 40 m N; Longitude: 004 deg 50 m W. Collected December 1981. Market, Sinanvessou, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490001. ORS 555. Ivory Coast. J. Siemonsma. H 12.3. Latitude: 08 deg 15 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Touba, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490002. ORS 556. Ivory Coast. J. Siemonsma. H 12.4. Latitude: 08 deg 15 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Touba, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490003. ORS 558. Ivory Coast. J. Siemonsma. C 03.3. Latitude: 08 deg 15 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Touba, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490004. ORS 561. Ivory Coast. J. Siemonsma. H 12.6. Latitude: 08 deg 15 m N; Longitude: 007 deg 35 m W. Collected December 1981. Market, Touba, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.

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490005. ORS 562. Ivory Coast. J. Siemonsma. C 10.3. Latitude: 06 deg 55 m N; Longitude: 003 deg 55 m W. Collected December 1981. Market, Yakasse Me, Centre Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490006. ORS 563. Ivory Coast. J. Siemonsma. H 07.4. Latitude: 09 deg 20 m N; Longitude: 003 deg 10 m W. Collected December 1981. Market, Yalo, Est Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490007. ORS 564. Ivory Coast. J. Siemonsma. H 07.5. Latitude: 06 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Zagne, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490008. ORS 565. Ivory Coast. J. Siemonsma. H 07.6. Latitude: 06 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Zagne, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490009. ORS 566. Ivory Coast. J. Siemonsma. H 08.1. Latitude: 06 deg 15 m N; Longitude: 007 deg 30 m W. Collected December 1981. Market, Zagne, Ouest Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490010. ORS 567. Ivory Coast. J. Siemonsma. D 02.3 A. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Zala, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490011. ORS 568. Ivory Coast. J. Siemonsma. D 02.3 B. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Zala, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490012. ORS 570. Ivory Coast. J. Siemonsma. D 03.3. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Zala, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490013. ORS 574. Ivory Coast. J. Siemonsma. D 06.3 B. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Zala, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490014. ORS 575. Ivory Coast. J. Siemonsma. D 07.3. Latitude: 08 deg 20 m N; Longitude: 007 deg 40 m W. Collected December 1981. Market, Zala, Nord Region. Received as A. manihot var. caillei. Primitive Cultivar. Seed.
490015. ORS 583. Ivory Coast. J. Siemonsma. E 04.3 B. Latitude: 05 deg 15 m N; Longitude: 006 deg 05 m W. Collected

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December 1981. Market, Beyo, Sud Region. Received as *A. manihot* var. *caillei*. Primitive Cultivar. Seed.

490016. ORS 584. Ivory Coast. J. Siemonsma. E 07.5 B. Latitude: 08 deg 20 m N; Longitude: 004 deg 20 m W. Collected December 1981. Market, Darhala, Centre Region. Received as *A. manihot* var. *caillei*. Primitive Cultivar. Seed.

490017. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Dewey, W.G.; Plant Science Department, Utah State University; Logan, Utah. Received June 1984.

UT 1195-152. Ute. United States. HR/TK//RDT/3/Oro/RDT/4/N 10/BVR/5/DMR/6/CLM/7/BNC/8/Cardon. Hard red semi-dwarf. Stems white. Glumes glabrous, midlong, midwide. Spikes oblong, mid-dense, nodding, awned, bronze. Maturity medium. Seeds midlong, ovate. Yield comparable to the best soft white winter semi-dwarfs, higher than standard hard red cultivars. Resistant to dwarf and common bunts and races of stripe rust in Utah. Susceptible to powdery mildew. Good baking quality. Winter Annual. Cultivar. Seed.

490018 TO 490019. *Benincasa hispida* (Thunb.) Cogn. (Cucurbitaceae) Waxgourd.

From Malaysia. Donated by Soo, R.T.T.; Penang. Code numbers refer to R.J. Knight collection numbers. Received June 1984.

490018. K82-121. Big A. Malaysia. Penang. Soon Huat Seed Company. Originally from southeast Asia. Local type, long. Cultivated. Seed.

490019. K82-122. Big B. Malaysia. Penang. Soon Huat Seed Company. Originally from southeast Asia. Local type, long. Cultivated. Seed.

490020. *Cucurbita moschata* (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Malaysia. Donated by Soo, R.T.T.; Penang. Code numbers refer to R.J. Knight collection numbers. Received June 1984.

K82-118. Malaysia. Penang. Soon Huat Seed Company. Adapted to tropical growing conditions. Local name Labu merah, Red pumpkin. Cultivated. Seed.

490021. *Luffa aegyptiaca* Mill. (Cucurbitaceae) Vegetable sponge.

From Malaysia. Donated by Soo, R.T.T.; Penang. Code numbers refer to R.J. Knight collection numbers.
Received June 1984.

K82-119. Malaysia. Penang. Soon Huat Seed Company. Originally from old world tropics. Grown for vegetable sponges. Local name Petola manis, Luffa gourd. Cultivated. Seed.

490022. *Momordica charantia* L. (Cucurbitaceae) Balsam pear.

From Malaysia. Donated by Soo, R.T.T.; Penang. Code numbers refer to R.J. Knight collection numbers.
Received June 1984.

K82-120. Cundeamor. Malaysia. Penang. Soon Huat Seed Company. Young fruits are pickled. Mature, but unripe fruits soaked in salt water and cooked in curries, or as a bitter but wholesome vegetable. Local name Peria, peria laut. Cultivated. Seed.

490023. *Perilla* sp. (Lamiaceae).

From United States. Donated by Bedigian, D.; Crop Evolution Laboratory, Department of Agronomy, University of Illinois; Urbana, Illinois.
Received November 1983.

Thailand. Maehongsorn. R.R. Stone. Maehongsorn Province. Used for sweets. Local name Nga mon (round sesame). Landrace. Seed.

490024 TO 490272. *Sesamum indicum* L. (Pedaliaceae) Sesame.

From United States. Donated by Bedigian, D.; Crop Evolution Laboratory, Department of Agronomy, University of Illinois; Urbana, Illinois.
Received November 1983.

490024. Thailand. Maehongsorn. R.R. Stone. Used in making Khaw buk, a traditional sweet. Local name Nga Khaw buk. Landrace. Seed.

490025. Thailand. Maehongsorn. R.R. Stone. Local name Nga Khiow. Landrace. Seed.

490026. Thailand. Maehongsorn. R.R. Stone. Seeds large, black. Local name Nga Lam met yau. Landrace. Seed.

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490027. Thailand. Maehongsorn. R.R. Stone. Seeds yellow. Local name Nga Luehng. Landrace. Seed.
490028. An Dong. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490029. Baekgoc. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490030. Boeum. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490031. Buan. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds black. Cultivar. Seed.
490032. Cheong Sung. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490033. Cheong won. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490034. Daegang. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490035. Danbou 2. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds light brown. Cultivar. Seed.
490036. Docho. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds brown. Cultivar. Seed.
490037. Eusang Chun. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490038. Gagoc. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds yellow. Cultivar. Seed.
490039. Gimpo. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490040. Hanam. Korea, Republic of. Suweon. J.I. Lee, Industrial

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- Crop Div., Crop Exp. Station . Seeds white. Cultivar.
Seed.
490041. IP. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds white. Cultivar.
Seed.
490042. Jang Sung. Korea, Republic of. Suweon. J.I. Lee,
Industrial Crop Div., Crop Exp. Station . Seeds black.
Cultivar. Seed.
490043. Jibo. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds white. Cultivar.
Seed.
490044. Jusan. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds purple. Cultivar.
Seed.
490045. Kurte. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds white. Cultivar.
Seed.
490046. Kwang Eu. Korea, Republic of. Suweon. J.I. Lee,
Industrial Crop Div., Crop Exp. Station . Seeds white.
Cultivar. Seed.
490047. Kyeong San. Korea, Republic of. Suweon. J.I. Lee,
Industrial Crop Div., Crop Exp. Station . Seeds white.
Cultivar. Seed.
490048. Maepyo. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds white. Cultivar.
Seed.
490049. Masan 3. Korea, Republic of. Suweon. J.I. Lee,
Industrial Crop Div., Crop Exp. Station . Seeds brown.
Cultivar. Seed.
490050. Misan. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds yellow. Cultivar.
Seed.
490051. Naebuk. Korea, Republic of. Suweon. J.I. Lee, Industrial
Crop Div., Crop Exp. Station . Seeds white. Cultivar.
Seed.
490052. Sam Cheok. Korea, Republic of. Suweon. J.I. Lee,
Industrial Crop Div., Crop Exp. Station . Seeds white.
Cultivar. Seed.
490053. San Dong. Korea, Republic of. Suweon. J.I. Lee,
Industrial Crop Div., Crop Exp. Station . Seeds white.

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Cultivar. Seed.

490054. Sangoc. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds yellow. Cultivar. Seed.
490055. Sim Chun. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490056. Song Hak. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490057. Sungyon. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490058. Suweon 5. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds brown. Cultivar. Seed.
490059. Suweon 8. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490060. Suweon 9. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds light brown. Cultivar. Seed.
490061. Suweon 11. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490062. Suweon 13. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490063. Suweon 17. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490064. Suweon 20. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490065. Suweon 23. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490066. Suweon 26. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.

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490067. Suweon 27. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds brown. Cultivar. Seed.
490068. Suweon 28. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490069. Suweon 29. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490070. Suweon 30. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490071. Suweon 31. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds light brown. Cultivar. Seed.
490072. Suweon 33. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490073. Ukang. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490074. Yea Chon. Korea, Republic of. Suweon. J.I. Lee, Industrial Crop Div., Crop Exp. Station . Seeds white. Cultivar. Seed.
490075. Zira 8. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/1. Local name Abayd. Cultivar. Seed.
490076. Zira 3. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/2. Local name Fungwhite. Cultivar. Seed.
490077. Zira 11. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/3. Gedaref type. Cultivar. Seed.
490078. Zira 6. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/6. Local name Heavy white kaffai. Cultivar. Seed.
490079. Zira 2. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/7. Gedaref selection. Cultivar. Seed.
490080. Zira 5. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/8. Local name Light Quarein. Cultivar. Seed.
490081. Zira 9. Sudan. Abu Naama. A.E.M. Nour, Kenana Research

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- Station. A/1/9. Local name Quarein light. Cultivar. Seed.
490082. Zira 1. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/10. Local name Quarein late light. Cultivar. Seed.
490083. Zira 4. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/11. Plants highly branched. Local name Quarein late light. Cultivar. Seed.
490084. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/12. Cultivated. Seed.
490085. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/13. Cultivated. Seed.
490086. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/14. Cultivated. Seed.
490087. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/15. Cultivated. Seed.
490088. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/16. Cultivated. Seed.
490089. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/17. Cultivated. Seed.
490090. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/18. Cultivated. Seed.
490091. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/19. Cultivated. Seed.
490092. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/20. Cultivated. Seed.
490093. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/21. Cultivated. Seed.
490094. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/22. Cultivated. Seed.
490095. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/23. Cultivated. Seed.
490096. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/24. Cultivated. Seed.
490097. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/25. Cultivated. Seed.
490098. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.

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- A/1/26. Cultivated. Seed.
490099. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/28. Cultivated. Seed.
490100. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/29. Cultivated. Seed.
490101. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/30. Cultivated. Seed.
490102. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/31. Cultivated. Seed.
490103. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/1/33. Cultivated. Seed.
490104. Zira 39. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/1. Roseires. Seeds dirty white. Local name Abu El Timan. Cultivar. Seed.
490105. Zira 31. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/2. Roseires. Seeds dirty white. Local name Abu El Timan. Cultivar. Seed.
490106. Zira 35. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/3. Plants tinged reddish purple. Seeds dirty white. Local name Amartaba. Cultivar. Seed.
490107. Zira 27. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/4. Seeds dirty white. Local name Gidiem. Cultivar. Seed.
490108. Zira 28. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/5. Kadugli. Seeds dirty white. Local name Cheparaïda. Cultivar. Seed.
490109. Zira 40. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/6. Seeds dirty white. Cultivar. Seed.
490110. Zira 29. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/7. Gedaref selection. Plants tall. Seeds dirty white. Cultivar. Seed.
490111. Zira 36. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/8. Gedaref selection. Plants tall. Seeds dirty white. Cultivar. Seed.
490112. Zira 30. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/9. Gedaref selection. Seeds dirty white. Cultivar. Seed.
490113. Zira 26. Sudan. Abu Naama. A.E.M. Nour, Kenana Research

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- Station. A/2/10. Plants medium tall. Seeds dirty white. Local name Heavy Qul el Nahal. Cultivar. Seed.
490114. Zira 37. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/11. Darfur. Seeds dirty white. Local name Kordofan white. Cultivar. Seed.
490115. Zira 41. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/12. Kadugli. Kadugli type. Seeds dirty white. Cultivar. Seed.
490116. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/13. Plants medium tall. Seeds dirty white. Local name Light kaffai. Cultivated. Seed.
490117. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/14. Mass selection. Maturity early. Seeds dirty white. Cultivated. Seed.
490118. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/15. Seeds dirty white. Local name Naradie Um Dorein. Cultivated. Seed.
490119. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/16. Seeds dirty white. Local name Sharkia-23. Cultivated. Seed.
490120. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/17. Seeds dirty white. Local name Um Hireihir/57. Cultivated. Seed.
490121. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/18. Local name Um Hireihir/57. Cultivated. Seed.
490122. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/19. Local name Light Quarein. Cultivated. Seed.
490123. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/21. Cultivated. Seed.
490124. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/22. Cultivated. Seed.
490125. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/26. Cultivated. Seed.
490126. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/27. Cultivated. Seed.
490127. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station. A/2/28. Local name Dinder white. Cultivated. Seed.
490128. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.

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- A/3/1. Roseires. Plants tinged with purple. Local name Annek. Cultivated. Seed.
490129. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/2. Kadugli. Local name Beladi Asfar. Cultivated. Seed.
490130. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/3. Roseires. Local name Lodengo. Cultivated. Seed.
490131. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/4. Roseires. Plants tinged with reddish purple. Local name Lodengo long. Cultivated. Seed.
490132. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/5. Local name Shapercita. Cultivated. Seed.
490133. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/6. Torit selection. Plants tinged with reddish purple. Cultivated. Seed.
490134. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/7. Plants tinged with purple. Local name Um Hiriehir/54. Cultivated. Seed.
490135. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/8. Local name Wad Nail heavy black. Cultivated. Seed.
490136. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/11. Cultivated. Seed.
490137. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/13. Cultivated. Seed.
490138. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/14. Cultivated. Seed.
490139. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/3/16. Cultivated. Seed.
490140. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/1. Kadugli-dwarf type. Local name Chapanida. Cultivated. Seed.
490141. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/2. Kadugli. Gedaref type. Cultivated. Seed.
490142. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/3. Local name Gidiem. Cultivated. Seed.
490143. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/4. Local name Naradei Um Dorein. Cultivated. Seed.
490144. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.

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- A/4/5. Local name Goam. Cultivated. Seed.
490145. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/6. Local name Goma Agbash. Cultivated. Seed.
490146. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/7. Local name Heavy Qul Nahal. Cultivated. Seed.
490147. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/8. Local name Heavy red. Cultivated. Seed.
490148. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/10. Local name Um Hirehir/54. Cultivated. Seed.
490149. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/12. Cultivated. Seed.
490150. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/13. Cultivated. Seed.
490151. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/14. Cultivated. Seed.
490152. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/16. Cultivated. Seed.
490153. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/17. Cultivated. Seed.
490154. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/18. Cultivated. Seed.
490155. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/19. Cultivated. Seed.
490156. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/22. Cultivated. Seed.
490157. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/24. Cultivated. Seed.
490158. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/27. Cultivated. Seed.
490159. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/28. Cultivated. Seed.
490160. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/30. Cultivated. Seed.
490161. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/31. Cultivated. Seed.

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490162. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/32. Cultivated. Seed.
490163. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/33. Cultivated. Seed.
490164. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/34. Cultivated. Seed.
490165. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/38. Cultivated. Seed.
490166. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/39. Cultivated. Seed.
490167. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/40. Cultivated. Seed.
490168. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/41. Cultivated. Seed.
490169. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/43. Cultivated. Seed.
490170. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/4/44. Cultivated. Seed.
490171. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/1. Kadugli. Seeds brown. Local name Beladi Asfar.
Cultivated. Seed.
490172. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/2. Seeds brown. Local name Goma Agbash. Cultivated.
Seed.
490173. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/3. Seeds brown. Local name Managei. Cultivated. Seed.
490174. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/4. Roseires. Seeds brown. Local name Mawang.
Cultivated. Seed.
490175. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/6. West Kordofan. Seeds brown. Local name Abu Zabad.
Cultivated. Seed.
490176. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/7. Seeds brown. Local name Nardie El Lebu. Cultivated.
Seed.
490177. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/8. Local name Naradie. Cultivated. Seed.

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490178. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/9. Local name Shapercita. Cultivated. Seed.
490179. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/10. Local name Um Hirehir/54. Cultivated. Seed.
490180. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/11. Local name Goma. Cultivated. Seed.
490181. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/12. Local name Um Hirehir/57. Cultivated. Seed.
490182. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/13. Local name Wad Nail heavy black. Cultivated. Seed.
490183. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/14. Local name Goma Agash. Cultivated. Seed.
490184. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/15. Darfur. Local name Kordofan local red. Cultivated.
Seed.
490185. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/17. East Kordofan. Local name Um Ruaba. Cultivated.
Seed.
490186. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/18. Local name Um Fuaba. Cultivated. Seed.
490187. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/19. Local name Goam. Cultivated. Seed.
490188. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/20. Local name Hondi. Cultivated. Seed.
490189. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/21. Cultivated. Seed.
490190. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/22. Cultivated. Seed.
490191. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/23. Cultivated. Seed.
490192. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/24. Cultivated. Seed.
490193. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/25. Cultivated. Seed.
490194. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/26. Cultivated. Seed.

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490195. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/27. Cultivated. Seed.
490196. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/28. Cultivated. Seed.
490197. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/29. Cultivated. Seed.
490198. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/30. Cultivated. Seed.
490199. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/31. Cultivated. Seed.
490200. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/32. Cultivated. Seed.
490201. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/33. Cultivated. Seed.
490202. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/34. Cultivated. Seed.
490203. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/35. Cultivated. Seed.
490204. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/36. Cultivated. Seed.
490205. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/37. Cultivated. Seed.
490206. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/39. Cultivated. Seed.
490207. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/40. Cultivated. Seed.
490208. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/41. Cultivated. Seed.
490209. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/42. Cultivated. Seed.
490210. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/43. Cultivated. Seed.
490211. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/44. Cultivated. Seed.
490212. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.

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- A/5/45. Cultivated. Seed.
490213. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/46. Cultivated. Seed.
490214. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/47. Cultivated. Seed.
490215. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/48. Cultivated. Seed.
490216. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/5/50. Cultivated. Seed.
490217. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/1. Seeds dark brown. Local name Amartaba. Cultivated.
Seed.
490218. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/2. North Kordofan. Local name Bara. Cultivated. Seed.
490219. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/3. Local name Dala. Cultivated. Seed.
490220. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/4. Darfur. Local name Darfur local red. Cultivated.
Seed.
490221. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/5. Roseires. Local name Mawang. Cultivated. Seed.
490222. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/6. Local name Wad Nail heavy black. Cultivated. Seed.
490223. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/7. Cultivated. Seed.
490224. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/6/9. Cultivated. Seed.
490225. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/7/3. Local name Quarein Lat Light. Cultivated. Seed.
490226. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/7/4. Cultivated. Seed.
490227. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/7/8. Cultivated. Seed.
490228. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/8/3. Local name Gomo Agbash. Cultivated. Seed.
490229. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.

490024 TO 490272-continued

- A/8/4. Local name Light Quarein. Cultivated. Seed.
490230. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/8/5. Roseires. Local name Kawang. Cultivated. Seed.
490231. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/8/6. Local name Heavy Qul Enbal. Cultivated. Seed.
490232. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/8/7. Cultivated. Seed.
490233. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/8/9. Cultivated. Seed.
490234. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/2. Plants tinged purple. Local name Gomo Agbash.
Cultivated. Seed.
490235. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/4. Local name Singa black. Cultivated. Seed.
490236. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/5. Local name Wad El Neil heavy black. Cultivated.
Seed.
490237. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/6. Cultivated. Seed.
490238. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/8. Cultivated. Seed.
490239. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/9. Cultivated. Seed.
490240. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/9/10. Cultivated. Seed.
490241. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/10/1. Roseires. Local name Hindi. Cultivated. Seed.
490242. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/10/2. Local name Hindi. Cultivated. Seed.
490243. Sudan. Abu Naama. A.E.M. Nour, Kenana Research Station.
A/10/3. Local name Narodei el Lebu Aswad 3. Cultivated.
Seed.
490244. Sudan. Kayan Kulam 1. Rice Research Station, Kayan Kulam.
Pure line selection from Onattukara local. Collected by D.
Bedigian. Breeding Material. Seed.
490245. Sudan. Home garden, Samma, 4km from Kadugli. Bulk
collection by D. Bedigian. Cultivated. Seed.

490024 TO 490272-continued

490246. Sudan. Market, Kadugli. Collected by D. Bedigian. Cultivated. Seed.
490247. Sudan. Dubeibat. Collected by D. Bedigian. Capsules eight loculed. Seeds white. Local name Abu Sindook. Cultivated. Seed.
490248. Sudan. Moro Hills, Dibeabat. Collected by D. Bedigian. Local name Morawi. Cultivated. Seed.
490249. Sudan. Near Jebel Demick, Durungas. Collected by D. Bedigian. Seeds red, high in oil. Cultivated. Seed.
490250. Sudan. Souk (market), Talodi. Collected by D. Bedigian. Cultivated. Seed.
490251. Sudan. Souk (market), Talodi. Collected by D. Bedigian. Cultivated. Seed.
490252. Sudan. Souk (market), Talodi. Collected by D. Bedigian. Cultivated. Seed.
490253. Sudan. Souk (market), Talodi. Collected by D. Bedigian. Cultivated. Seed.
490254. Sudan. Souk (market), Talodi. Collected by D. Bedigian. Cultivated. Seed.
490255. Sudan. Souk (market), Talodi. Collected by D. Bedigian. Cultivated. Seed.
490256. Sudan. Umm Dorein. Local name Jebeli. Collected by D. Bedigian. Cultivated. Seed.
490257. Sudan. Doka. Collected by D. Bedigian. Cultivated. Seed.
490258. Sudan. Souk (market), Gedaref, originally from Wad Minkir, Hakouma. Collected by D. Bedigian. Seeds red. Cultivated. Seed.
490259. Sudan. Souk (market), Gadaref. Collected by D. Bedigian. Seeds white. Local name Tajarup. Cultivated. Seed.
490260. Sudan. Mohammad Ibrahim Farm 127, Semasim. Collected by D. Bedigian. Seeds white. Cultivated. Seed.
490261. Sudan. Souk (market), Gedaref, originally from Basunda. Collected by D. Bedigian. Local name Denemet. Cultivated. Seed.
490262. Sudan. Souk (market), Gedaref. Collected by D. Bedigian. Local name Denemet. Cultivated. Seed.

490024 TO 490272-continued

490263. Sudan. Tukswana. Mixed lot. Collected by D. Badigian. Cultivated. Seed.
490264. Sudan. Dibeabat. Collected by D. Bedigian. Plants robust, highly branched, late maturing. Capsules 4cm long. Seed oil high. Local name Dinder. Cultivated. Seed.
490265. Souk (market), Gedaref, originally from Suf el Beshir. Collected by D. Bedigian. Plants to 1.8m tall, highly branched, with 100 day maturity. Seeds red. Local name Dinderawi. Cultivated. Seed.
490266. DB 1. India. Collected August 29, 1979. Roadside, 6km from IARI, New Delhi Ridge. 216m. Open dry, forest habitat, rock outcrop. Plants unbranched or slightly branched. Flowers with deep purple lip. Some lower leaves tripartite. Wild. Seed.
490267. DB 2. India. Collected September 02, 1979. Walayar Forest Reserve, Tamil Nadu. Teak forest habitat, granite rock outcrop. Plants mid-maturity, unbranched, heavily pubescent, glandular. Flowers with deep purple lip. Capsules 1.5-1.8cm, short pedicels, fragile when dried. Wild. Seed.
490268. DB 3. India. Collected September 07, 1979. Botany Department, Univ. of Kerla, Trivandrum, Kerla. Weed in cultivated garden. Plants 1.65m tall, profusely branches. Flowers showy, brownish-purple, lip edge purple. Capsules irregular, pubescent. Seeds brown-black, irregular shapes. Wild. Seed.
490269. DB 4a. India. Collected September 08, 1979. C.M. John's plantation, Changamacheri, central Kerala. Weedy area around a nursery school, fallow formerly cultivated land. Plants near full maturity. Flowers with deep purple lip. Capsules 2.8cm long with acute beak. Wild. Seed.
490270. DB 4b. India. Collected September 08, 1979. C.M. John's Plantation, Changamacheri, central Kerala. Same population but earlier maturing than PI 490269. Seeds tan, some black. Wild. Seed.
490271. DB 5. India. Collected September 10, 1979. Weed in coconut grove. Plants mainly erect 0.3-0.6 to 0.9m tall, unbranched or sparsely branched, moderate pubescence, near full maturity. Flowers with purple lip. Capsules 1.5-1.8cm, delicate and easily broken. Seeds very reticulate, brown-black. Wild. Seed.
490272. CPCRI #2. India. Cultivated. Seed.

490273. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Egypt. Donated by Hassan, M.T.H.; Nobarria Research Station; El-Nasser, North Tahrir, Alexandria.
Received August 1984.

Sewa. Egypt. Siwa Oasis, on Egyptian border with Libya.
Cultivated. Seed.

490274. *Cucurbita pepo* L. (Cucurbitaceae).

From United Kingdom. Donated by Thompson & Morgan; Ipswich.
Received through North Central Regional Plant
Introduction Station, Ames, Iowa.
Received February 1984.

Courgette. United Kingdom. Plants bushy. Fruit oblong,
smooth, mottled. Cultivar. Seed.

490275. *Cucurbita pepo* L. (Cucurbitaceae).

From United Kingdom. Donated by Samuel Dobie & Son, Ltd.; Chester.
Received through North Central Regional Plant
Introduction Station, Ames, Iowa.
Received February 1984.

Little gem. United Kingdom. Plant viney. Fruit globe-
shaped, smooth, orange. Cultivar. Seed.

490276. *Helianthus maximiliani* Schrad. (Asteraceae) Maximilian's
sunflower.

From United States. Donated by Hayward, C.; Field Crops
Department, University of Missouri; Columbia, Missouri.
Received through North Central Regional Plant
Introduction Station, Ames, Iowa.
Received February 1984.

Wild. Seed.

490277. *Cucurbita pepo* L. (Cucurbitaceae).

From United States. Donated by Pohl, R.W.; Botany Department,
Iowa State University; Ames, Iowa. Received through North
Central Regional Plant Introduction Station, Ames, Iowa.
Received February 1984.

Costa Rica. Maturity late. Plants viney. Fruit ribbed,
striped, globe-shaped. Cultivated. Seed.

490278 TO 490279. *Cucurbita pepo* L. (Cucurbitaceae).

From United States. Donated by Meader, E.M.; Durham, New Hampshire. Received through North Central Regional Plant Introduction Station, Ames, Iowa.
Received February 1984.

490278. United States. Mix of two semi-bush types. Fruit globe or oblong shaped, tan. Local name Butterball. Cultivated. Seed.

490279. United States. Mix of three semi-bush types. Fruit globe, oblong or acorn shaped. Local name Sweetnut. Cultivated. Seed.

490280. *Coronilla varia* L. (Fabaceae) Crownvetch.

From United States. Collected by Wasson, C.E.; and Skrdla, W.H.; Department of Agronomy, Kansas State University; North Central Regional Plant Introduction Station; Manhattan, Kansas; and Ames, Iowa. Received through North Central Regional Plant Introduction Station, Ames, Iowa.
Received February 1984.

United States. Collected April 27, 1960. Heavily grazed pasture, Hessdale, Kansas. Wild. Seed.

490281 TO 490282. *Helianthus annuus* L. (Asteraceae) Sunflower.

From United States. Donated by North Central Regional Plant Introduction Station, USDA-ARS; Ames, Iowa.
Received February 1984.

490281. Turkey. Plants 121-136cm tall. Flower heads 10cm wide. Cultivated. Seed.

490282. Jordan. Dwarf selection from PI 243072. Plants 120-135cm tall. Flower heads 10cm wide. Cultivated. Seed.

490283. *Onobrychis viciifolia* Scop. (Fabaceae) Sainfoin.

From Romania. Donated by Statiunea di Cercetari Horticole; Cluj-Napoca. Received through P.R. Fridlund, Irrigated Agr. Res. and Ext. Center, Prosser, WA.
Received June 1984.

Sparceto. Romania. Adapted to high calcium soils and to dry south slopes. Received as *O. sativa*. Cultivated. Seed.

490284 TO 490285. *Cortaderia selloana* (Schult.) Aschers. & Graebn.
(Poaceae) Pampasgrass.

From Argentina. Donated by Arambarri, A.M.; Facultad de
Agronomia, Universidad Nacional de La Plata; La Plata,
Buenos Aires.

Received June 1984.

490284. Argentina. Collected 1984. Around La Plata, Buenos Aires
Province. Naturalized. Wild. Seed.

490285. Argentina. Collected May 1984. Around La Plata, Buenos
Aires Province. Naturalized. Wild. Seed.

490286. *Lablab purpureus* (L.) Sweet (Fabaceae) Hyacinth bean.

From United States. Donated by Seufert, L.E.; Bridgeville,
Delaware.

Received June 1984.

India. Pole type. Flowers white. Pods edible. Seeds
cream colored. Resistant to bean beetles. Cultivated.
Seed.

490287. *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc. (Fabaceae)
Yard-long bean.

From United States. Donated by Seufert, L.E.; Bridgeville,
Delaware.

Received June 1984.

India. Bush or semi-bush type. Seeds small, white.
Cultivated. Seed.

490288 TO 490289. *Lens culinaris* Medik. (Fabaceae) Lentil.

From France. Donated by Station D'Amelioration Des Plantes, INRA;
F-63039 Clermont Ferrand Cedex.

Received June 1984.

490288. Anicia. France. Local type. Cultivar. Seed.

490289. Mariette. France. Local type. Cultivar. Seed.

490290. *Cortaderia selloana* (Schult.) Aschers. & Graebn. (Poaceae)
Pampasgrass.

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant
Biology, University of Birmingham; Birmingham B15 2TT.

Received July 1984.

490290-continued

United Kingdom. University Botanic Gardens. Cold tolerant. Cultivated. Plants.

490291. *Helianthus argophyllus* Torr. & Gray (Asteraceae) Silverleaf sunflower.

From Zambia. Donated by Roath, W.W.; Zambian Agricultural Research & Extension (ZAMARE); Lusaka. Received July 1984.

Mozambique. Along Mozambique coast near Maputo. Introduced to southeastern Africa by Portuguese settlers. Leaves are similar to *H. annuus*. Pubescence reduced. Cultivated. Seed.

490292 TO 490297. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy. Received April 1983.

490292. WS80-39. Kenya. Latitude: 00 deg 54 m S; Longitude: 034 deg 30 m E. Collected July 04, 1980. Kisii tribe, Sare market, South Nyanza. Testa pink. Cultivated. Seed.

490293. WS80-187. Kenya. Latitude: 00 deg 08 m S; Longitude: 034 deg 47 m E. Collected July 08, 1980. Kisumu market, Kisumu District. Testa pale brown. Cultivated. Seed.

490294. WS80-198. Kenya. Latitude: 00 deg 18 m N; Longitude: 034 deg 46 m E. Collected July 10, 1980. Abaluhya tribe, Kakamega market, Kakamega. Testa bright pink. Cultivated. Seed.

490295. WS80-211. Kenya. Latitude: 00 deg 08 m S; Longitude: 034 deg 47 m E. Collected July 09, 1980. Luo tribe, Kisumu market, Kisumu District. Testa pale pink. Cultivated. Seed.

490296. WS80-230. Kenya. Latitude: 00 deg 08 m S; Longitude: 034 deg 47 m E. Collected July 09, 1980. Luo tribe, Kisumu market, Kisumu District. Testa pale pink. Cultivated. Seed.

490297. WS80-254. Kenya. Latitude: 04 deg 34 m S; Longitude: 039 deg 24 m E. Collected July 16, 1980. Digo tribe, Ramisi market, Kwale District. Testa medium brown. Cultivated. Seed.

490298. *Amaranthus* sp. (Amaranthaceae).

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.

Received April 1983.

WS80-192. Kenya. Latitude: 00 deg 18 m N; Longitude: 034 deg 45 m E. Collected July 10, 1980. Abaluhya tribe, Kakamega market, Western Province. Cultivated. Seed.

490299. Undetermined (Capparidaceae).

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.

Received April 1983.

WS80-194. Kenya. Latitude: 00 deg 18 m N; Longitude: 034 deg 46 m E. Collected July 10, 1980. Abaluhya tribe, Kakamega market, Western Province. On sale as a condiment or spice. Cultivated. Seed.

490300. *Crotalaria* sp. (Fabaceae).

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.

Received April 1983.

WS80-135. Kenya. Collected July 08, 1980. Luo tribe, Ahero market, Kisumu District. Plants small.

490301. *Indigofera* sp. (Fabaceae).

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.

Received April 1983.

WS80-205. Kenya. Latitude: 00 deg 10 m S; Longitude: 034 deg 52 m E. Collected July 09, 1980. SE 12km of Kisumu to Ahero, Kisumu District. Plants viny, delicate. Pods narrow, black, 3cm long. Seeds dark red. Wild. Seed.

490302. *Lablab purpureus* (L.) Sweet (Fabaceae) Hyacinth bean.

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.

490302-continued
Received April 1983.

WS80-114. Kenya. Latitude: 00 deg 30 m S; Longitude: 034 deg 13 m E. Collected July 07, 1980. Luo tribe, ICIPE, Mbite Point, Mbita District. Seeds black. Cultivated. Seed.

490303. *Pseudovigna argentea* (Willd.) Verdc. (Fabaceae).

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.
Received April 1983.

WS80-253. Kenya. Latitude: 04 deg 18 m S; Longitude: 039 deg 35 m E. Collected July 15, 1980. Ukunda, Kwale District. Wild. Seed.

490304 TO 490312. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.
Received April 1983.

490304. WS80-36. Kenya. Latitude: 00 deg 54 m S; Longitude: 034 deg 30 m E. Collected July 04, 1980. Kisii tribe, Sare Market, South Nyanza Province. Heads compact. Seeds small, red/pink. Cultivated. Seed.

490305. WS80-61. Kenya. Latitude: 00 deg 33 m S; Longitude: 034 deg 27 m E. Collected July 06, 1980. Luo tribe, 5km south of Homa Bay (market), Homa Bay. Cultivated. Seed.

490306. WS80-125. Kenya. Latitude: 00 deg 33 m S; Longitude: 034 deg 27 m E. Collected July 06, 1980. Luo tribe, 5km south of Homa Bay to Luanda, South Nyanza Province. Cultivated. Seed.

490307. WS80-161. Kenya. Latitude: 00 deg 12 m N; Longitude: 034 deg 12 m E. Collected July 09, 1980. Luo tribe, Ukwala market, Siaya District. Seeds red. Cultivated. Seed.

490308. WS80-162. Kenya. Latitude: 00 deg 12 m N; Longitude: 034 deg 12 m E. Collected July 09, 1980. Luo tribe, Ukwala market, Siaya District. Cultivated. Seed.

490309. WS80-163. Kenya. Latitude: 00 deg 12 m N; Longitude: 034 deg 12 m E. Collected July 09, 1980. Luo tribe, Ukwala market, Siaya District. Cultivated. Seed.

490304 TO 490312-continued

490310. WS80-164. Kenya. Latitude: 00 deg 12 m N; Longitude: 034 deg 12 m E. Collected July 09, 1980. Luo tribe, Ukwala market, Siaya District. Cultivated. Seed.
490311. WS80-199. Kenya. Latitude: 00 deg 18 m N; Longitude: 034 deg 46 m E. Collected July 10, 1980. Abaluhya tribe, Kakamega market, Kakamega. Cultivated. Seed.
490312. WS80-217. Kenya. Latitude: 00 deg 08 m S; Longitude: 034 deg 47 m E. Collected July 09, 1980. Luo tribe, Kisumu market, Kisumu District. Cultivated. Seed.

490313 TO 490314. *Zea mays* L. (Poaceae) Field corn.

From Kenya. Collected by Steele, W.M.; Genetics Resources Unit, IITA; Ibadan, Nigeria. Received through IBPGR, Rome, Italy.
Received April 1983.

490313. WS80-256. Kenya. Latitude: 04 deg 34 m S; Longitude: 039 deg 24 m E. Collected July 16, 1980. Digo tribe, Ramisi market, Kwale District. Seeds white. Cultivated. Seed.
490314. WS80-270. Kenya. Collected July 19, 1980. Farm store, Mombasa, Kilifi District. Seeds white. Cultivated. Seed.

490315 TO 490323. *Helianthus annuus* L. (Asteraceae) Sunflower.

From Poland. Donated by Jaranowski, J.K.; Institute of Genetics and Plant Breeding, Academy of Agriculture; 60-625 Poznan.
Received April 1984.

490315. Poland. Mutant. Flowers red ornamental type. Local name Abendsonne flpl, red chrysanthemum. Cultivated. Seed.
490316. Poland. Mutant. Flowers red ornamental type. Local name Abendsonne red. Cultivated. Seed.
490317. Poland. Mutant. Ornamental type. Local name Golden negev. Cultivated. Seed.
490318. Poland. Mutant. Flowers lemon yellow, ornamental type. Local name Primrose. Cultivated. Seed.
490319. Poland. Mutant. Plants dwarf. Flowers lemon yellow, ornamental type. Local name Primrose. Cultivated. Seed.
490320. Poland. Mutant. Flowers lemon yellow, ornamental type. Local name Primrose flpl. Cultivated. Seed.

490315 TO 490323-continued

490321. Poland. Mutant. Plants dwarf. Ornamental type. Local name Sungold dwarf MA. Cultivated. Seed.
490322. Poland. Mutant. Plants tall. Ornamental type. Local name Sungold tall. Cultivated. Seed.
490323. Poland. Mutant. Ornamental type. Received as *Helianthus annuus intermedius*. Cultivated. Seed.

490324. *Helianthus debilis* Nutt. (Asteraceae) Beach sunflower.

From Poland. Donated by Jaranowski, J.K.; Institute of Genetics and Plant Breeding, Academy of Agriculture; 60-625 Poznan. Received April 1984.

Poland. Mutant. Ornamental type. Received as *Helianthus annuus debilis*. Cultivated. Seed.

490325 TO 490346. *Abelmoschus esculentus* (L.) Moench (Malvaceae) Okra.

From Upper Volta. Collected by Jaeger, P-M. L.; Traore, J.; and Belem, J.; Department of Plant Biology, University of Birmingham; IRAT; and IVRAZ; Birmingham, UK; Paris, France; and Ouagadougou, UV. Received through IBPGR, Rome, Italy. Received May 1984.

490325. J&T 101. Upper Volta. Latitude: 11 deg 28 n N; Longitude: 003 deg 15 m W. Collected October 20, 1982. Farmstore, Foussa, 9km S of Pa on road to Dano. Fruit 5-8 ridged, 10-18cm long, 2-3cm in diameter. Seed from Kokologo in N of country. Local name Mana. Cultivated. Seed.
490326. J&T 108. Upper Volta. Latitude: 11 deg 25 n N; Longitude: 003 deg 15 m W. Farmstore, Bonzan, 4km W of Founzan. Fruit 8 ridged, 15-32cm long, 3-4.5cm in diameter. Grown in rainy season. Grows and ripens faster than dry season okra. Local name Momui. Cultivated. Seed.
490327. J&T 114. Upper Volta. Latitude: 10 deg 57 n N; Longitude: 003 deg 04 m W. Farmstore, Bilbale, 6km from T junction to Pa road. Fruit 8 ridged, 18cm long, 4cm in diameter. Local name Salo. Cultivated. Seed.
490328. J&T 117. Upper Volta. Latitude: 11 deg 03 n N; Longitude: 002 deg 46 m W. Collected October 21, 1982. Farmstore, Koulenka, 5km from Ouesa on road to Leo. Pods 2 sizes. Long produced quicker, 20cm long. Short 10cm long. Local name Salo. Cultivated. Seed.

490325 TO 490346-continued

490329. J&T 125. Upper Volta. Latitude: 11 deg 14 m N;
Longitude: 001 deg 58 m W. Collected October 21, 1982.
Field, Yale, 30km N of Leo on road to Ouaga. Pods long,
narrow. Shorter pods ripen one month later. Local name
Pori. Cultivated. Seed.
490330. J&B 129. Upper Volta. Latitude: 12 deg 11 m N;
Longitude: 001 deg 25 m W. Collected October 24, 1982.
Farmstore, Nagbargre, 20km S of Ouaga Cooperative. Fruit
8 ridged, 20cm long, 4cm diameter. Local name Mayanga.
Cultivated. Seed.
490331. J&B 166. Upper Volta. Latitude: 13 deg 01 m N;
Longitude: 001 deg 33 m W. Market, Yilou, on road N to
Kongoussi market. Fruit hexagonal, hairy, 5cm long, 1 cm
in diameter. Local name Bolmana. Cultivated. Seed.
490332. J&T 207. Upper Volta. Latitude: 10 deg 21 m N;
Longitude: 004 deg 50 m W. Collected October 03, 1982.
Farmstore, Koutoura, 35km S of Banfora. Fruit 12cm long,
3-4cm in diameter. Slow fruiting. Larval attack of young
plants. Local name Tarre. Cultivated. Seed.
490333. J&T 216. Upper Volta. Latitude: 10 deg 25 m N;
Longitude: 004 deg 58 m W. Collected October 04, 1982.
Farmstore, Bangnagara, 18km NW of Niangoloko. Fruit 9
ridged, 12cm long, 3cm in diameter. Planted at same time
as PI 490334 but produced less fruit faster. Local name
Tronga. Cultivated. Seed.
490334. J&T 217. Upper Volta. Latitude: 10 deg 25 m N;
Longitude: 004 deg 58 m W. Collected October 04, 1982.
Farmstore, Bangnagara, 18km NW of Niangoloko. Fruit 7-9
ridged, 7-10cm long, 4cm in diameter, hairy. Produces
more fruit and better sauce than PI 490333. Local name
Tranga. Cultivated. Seed.
490335. J&T 221. Upper Volta. Latitude: 10 deg 37 m N;
Longitude: 005 deg 07 m W. Collected November 04, 1982.
Farmstore, Douna. Local origin. Plant less than 1 m tall.
Fruits red, hairy when ripe. Eight-ten ridged, 10-14cm
long, 2-4cm in diameter. Produces more fruit of better
flavor than PI 490336. Local name Tora. Cultivated. Seed.
490336. J&T 222. Upper Volta. Latitude: 10 deg 37 m N;
Longitude: 005 deg 07 m W. Collected November 04, 1982.
Farmstore, Douna. Fruit 5 ridged. 27cm long, 3-4cm in
diameter. Local name To Monson. Cultivated. Seed.
490337. J&T 229. Upper Volta. Latitude: 11 deg 24 m N;
Longitude: 004 deg 56 m W. Collected November 05, 1982.
Farmstore, Samorogouan, 50km N of Orodara. Local origin.

490325 TO 490346-continued

- Fruit 7 ridged, 11cm long, 4cm in diameter. Leaf attack by cotton caterpillar. Local name Pouo. Cultivated. Seed.
490338. J&T 230. Upper Volta. Latitude: 11 deg 37 m N; Longitude: 004 deg 48 m W. Collected November 05, 1982. Farmstore, Kourouma, 80km N of Orodara. Fruit 8 ridged, 12cm long, 3cm in diameter. Larval attack of leaves and fruit. Leaves cooked for sauce. Local name Torogue. Cultivated. Seed.
490339. J&T 236. Upper Volta. Latitude: 10 deg 57 m N; Longitude: 003 deg 59 m W. Collected November 05, 1982. Farmstore, Klesso, 47km SE of Bobo. Cultivated in dry and wet seasons. Larval attack of seedlings. Plants 1 m tall. Fruit 8 ridged, 34cm long, 4cm in diameter. Local name Mondo. Cultivated. Seed.
490340. J&T 237. Upper Volta. Latitude: 10 deg 57 m N; Longitude: 003 deg 59 m W. Collected November 05, 1982. Farmstore, Klesso, 47km SE of Bobo. Plants 1-1.5m tall. Fruit 5-6 ridged, 18-20cm long, 2cm in diameter. Local name Mondo. Cultivated. Seed.
490341. J&T 241. Upper Volta. Latitude: 10 deg 50 m N; Longitude: 003 deg 16 m W. Collected November 06, 1982. Farmstore, Navielgane, 15km S of Diebougou. Leaves boiled with leaves of Hibiscus sabdariffa for sauce. Silepta attacks leaves. Fruit lacking distinct ridges, 20cm long, 3cm in diameter. Local name Salo. Cultivated. Seed.
490342. J&T 245. Upper Volta. Latitude: 10 deg 17 m N; Longitude: 003 deg 08 m W. Collected November 06, 1982. Farmstore, Tonkalamine, 10km S of Gaoua. Plant 1-1.5m tall. Considered better for sauce than PI 490343. Fruit 10 ridged, 10cm long, 4cm in diameter. Local name Poo. Cultivated. Seed.
490343. J&T 246. Upper Volta. Latitude: 10 deg 17 m N; Longitude: 003 deg 08 m W. Collected November 06, 1982. Farmstore, Tonkalamine, 10km S of Gaoua. Fruit 7 ridged, 22cm long, 4cm in diameter. Local name Poo. Cultivated. Seed.
490344. J&T 248. Upper Volta. Latitude: 09 deg 55 m N; Longitude: 003 deg 03 m W. Collected November 07, 1982. Farmstore, Mal, 15km W of Batie. Plant about 1-1.3m tall. Fruit 7 ridged, 18cm long, 3cm in diameter. Local name Salo. Cultivated. Seed.
490345. J&T 251. Upper Volta. Latitude: 09 deg 59 m N; Longitude: 003 deg 08 m W. Collected November 07, 1982. Farmstore, Midebdo, 32km NW of Batie. Caterpillar attacks plant before fruit production. Long growing season. Fruit

490325 TO 490346-continued

7-10 ridged, 11-12cm long, 3-5cm in diameter. Local name Pouo. Cultivated. Seed.

490346. J&T 252. Upper Volta. Latitude: 09 deg 59 m N;
Longitude: 003 deg 08 m W. Collected November 07, 1982.
Farmstore, Midebdo. Quicker production than PI 490345.
Fruits 7-8 ridged, 10-15cm long, 3-4cm in diameter. Local
name Pouo. Cultivated. Seed.

490347 TO 490348. *Amaranthus hybridus* L. (Amaranthaceae).

From Upper Volta. Collected by Jaeger, P-M. L.; Traore, J.; and
Belem, J.; Department of Plant Biology, University of
Birmingham; IRAT; and IVRAZ; Birmingham, UK; Paris,
France; and Ouagadougou, UV. Received through IBPGR,
Rome, Italy.
Received May 1984.

490347. J&T 137. Upper Volta. Kombissiri. Cultivated. Seed.

490348. J&T 185. Upper Volta. Latitude: 12 deg 16 m N;
Longitude: 003 deg W. Collected October 29, 1982.
Farmstore, Sao, on road from Dedougou to Kondougou. Plant
about 1.3m tall. Leaves and stems cooked for sauce.
Cultivated in odd spaces in field. Local name Burombourou.
Cultivated. Seed.

490349 TO 490354. *Cucurbita maxima* Duch. (Cucurbitaceae) Winter squash.

From Upper Volta. Collected by Jaeger, P-M. L.; Traore, J.; and
Belem, J.; Department of Plant Biology, University of
Birmingham; IRAT; and IVRAZ; Birmingham, UK; Paris,
France; and Ouagadougou, UV. Received through IBPGR,
Rome, Italy.
Received May 1984.

490349. J&T 119. Upper Volta. Latitude: 11 deg 04 m N;
Longitude: 002 deg 22 m W. Collected October 21, 1982.
Field, Yoro, 20km W of Leo on road to Diebougon. Local
name Kamon. Cultivated. Seed.

490350. J&B 138. Upper Volta. Latitude: 11 deg 33 m N;
Longitude: 001 deg 12 m W. Collected October 24, 1982.
Farmstore, Nobere. Local name Yogue. Cultivated. Seed.

490351. J&B 144. Upper Volta. Latitude: 12 deg 32 m N;
Longitude: 000 deg 02 m W. Collected October 25, 1982.
Farmstore, Bilanga, 74km NW of Fada N'Gourma. Flowers
attacked by insects. Fruits roundish, moldy, 20cm in
diameter. Local name Fela. Cultivated. Seed.

490349 TO 490354-continued

490352. J&B 167. Upper Volta. Latitude: 14 deg 06 m N;
Longitude: 001 deg 38 m W. Collected October 27, 1982.
Market, Djibo. Pulp cooked for sauce. Local name Yogorou.
Cultivated. Seed.

490353. J&B 173. Upper Volta. Latitude: 13 deg 15 m N;
Longitude: 002 deg 44 m W. Collected October 28, 1982.
Farmstore, Kiembara. Fruit cylindrical, 30cm long, 20cm
in diameter. Local name Gui. Cultivated. Seed.

490354. J&T 247. Upper Volta. Latitude: 09 deg 55 m N;
Longitude: 003 deg 03 m W. Collected November 07, 1982.
Farmstore, Mal, 15km W of Batie. Fruit pulp and embryo's
cooked for sauce. Flowers 4cm long, 2cm in diameter,
yellow. Fruit roundish, 12cm long, 11cm in diameter.
Local name Yobir. Cultivated. Seed.

490355. *Luffa acutangula* (L.) Roxb. (Cucurbitaceae) Singwa towelgourd.

From Upper Volta. Collected by Jaeger, P-M. L.; Traore, J.; and
Belem, J.; Department of Plant Biology, University of
Birmingham; IRAT; and IVRAZ; Birmingham, UK; Paris,
France; and Ouagadougou, UV. Received through IBPGR,
Rome, Italy.
Received May 1984.

J&T 235. Upper Volta. Latitude: 10 deg 57 m N;
Longitude: 003 deg 59 m W. Collected November 05, 1982.
Farmstore, Klesso, 47km SE of Bobo. Climbing plant.
Flowers yellow, 5 lobed. Fruits 28cm long, 8cm in
diameter. Peeled, cooked and eaten. Seeds not eaten.
Caterpillar controlled with cinders. Local name Makpon.
Cultivated. Seed.

490356 TO 490359. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From Upper Volta. Collected by Jaeger, P-M. L.; Traore, J.; and
Belem, J.; Department of Plant Biology, University of
Birmingham; IRAT; and IVRAZ; Birmingham, UK; Paris,
France; and Ouagadougou, UV. Received through IBPGR,
Rome, Italy.
Received May 1984.

490356. J&T 107. Upper Volta. Farmstore, Bonzan, 4km W of
Founzan. Transplanted 1 month after sowing. Seeds
replanted every year. Local name Tamassi. Cultivated.
Seed.

490357. J&T 118. Upper Volta. Latitude: 11 deg 03 m N;
Longitude: 002 deg 45 m W. Collected October 21, 1982.

490356 TO 490359-continued

Farmstore, Kolinkam, about 7km E of Ouesa on road to Leo. Fruit round, 8cm in diameter. Local name Ndassokiri. Cultivated. Seed.

490358. J&T 220. Upper Volta. Latitude: 10 deg 37 m N; Longitude: 005 deg 07 m W. Collected November 04, 1982. Farmstore, Douna. Local origin. Grown in dry and wet seasons. Fed with chicken dung. Fruit deep red to orange red 1.5-5cm in diameter. Local name Tomato. Cultivated. Seed.

490359. J&T 231. Upper Volta. Latitude: 11 deg 37 m N; Longitude: 004 deg 48 m W. Collected November 05, 1982. Farmstore, Kourouma, 80km N of Orodara. Local origin. Rainy season variety. Fruit roundish to rotund, 3-6cm in diameter. Local name Kafouroguianni. Cultivated. Seed.

490360. *Elymus triticoides* Buckl. (Poaceae) Beardless wildrye.

From United States. Donated by Lockeford Plant Materials Center, USDA-SCS; Lockeford, California. Received through National Plant Materials Center, USDA-SCS, Beltsville, MD. Received July 1984.

T 6379. United States. Collected December 09, 1973. Kings County, California. Collected by C. Finch and E. Eaton. Used for stabilizing stream banks, waterways and levees. Plants vigorous, aggressive, productive in Mediterranean climate area of California. Perennial Herb. Wild. Seed.

490361. *Elymus virginicus* L. (Poaceae) Virginia wildrye.

From United States. Donated by Americus Plant Materials Center, USDA-SCS; Americus, Georgia. Received through National Plant Materials Center, USDA-SCS, Beltsville, MD. Received July 1984.

T 19888. United States. Jekyll Island, Georgia. Collected by H. Haynsworth. Used in stabilizing gullies. Rated good for disease and insect resistance, vigor and seed production. Perennial Herb. Wild. Seed.

490362. *Lespedeza thunbergii* (DC.) Nakai (Fabaceae).

From United States. Donated by Americus Plant Materials Center, USDA-SCS; Americus, Georgia. Received through National Plant Materials Center, USDA-SCS, Beltsville, MD. Received July 1984.

T 26912. United States. Selection from PI 434098. Seeds black. Used for wildlife food. Cultivated. Seed.

490363 TO 490364. *Paspalum nicorae* Parodi (Poaceae) Brunswickgrass.

From United States. Donated by Americus Plant Materials Center, USDA-SCS; Americus, Georgia. Received through National Plant Materials Center, USDA-SCS, Beltsville, MD. Received July 1984.

490363. T 30590. United States. Selection from PI 304004. Vigorous rhizomatous growth pattern. Used in stabilizing waterways, filter strips, field borders. Cultivated. Seed.

490364. T 30591. United States. Selection from PI 304004. Vigorous growth. Used for stabilizing waterways, filter strips and field borders. Cultivated. Seed.

490365. *Erythrina variegata* L. (Fabaceae) Coraltree.

From United States. Donated by Hawaii Plant Materials Center, USDA-SCS; Hoolehua, Hawaii. Received through National Plant Materials Center, USDA-SCS, Beltsville, MD. Received July 1984.

T 37870. United States. Honolulu. Foster's Botanical Garden. Tree. Cultivated. Seed.

490366 TO 490374. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy. Received January 1983.

490366. 17. Mali. Latitude: 15 deg 51 n N; Longitude: 004 deg 20 n W. Collected January 1982. Bambarra tribe, Soumpi village. Local name Matigue. Cultivated. Seed.

490367. 25. Mali. Latitude: 16 deg 15 n N; Longitude: 004 deg 56 n W. Collected January 1982. Bella tribe, Echelle village near Tilemsi, 16 deg. 21 n N, 4 deg. 57 n W. Harvested in 7-8 months. Cultivated. Seed.

490368. 33. Mali. Latitude: 15 deg 56 n N; Longitude: 004 deg W. Collected January 1982. Niafounke village. Local name Tindaro. Cultivated. Seed.

490369. 47. Mali. Latitude: 16 deg 31 n N; Longitude: 003 deg 43 n W. Collected January 1982. Sonhrai tribe, Bougouneyra village. Grown March-October. Cultivated. Seed.

490366 TO 490374-continued

490370. 53. Mali. Latitude: 16 deg 34 m N; Longitude: 003 deg 46 m W. Collected January 1982. Sonhrai tribe, Dendeguer village. Local name Matigue. Cultivated. Seed.
490371. 58. Mali. Latitude: 16 deg 40 m N; Longitude: 004 deg 09 m W. Collected January 1982. Sonhrai tribe, Adermalen village, south shore of Lac Faguibine, near Mbouna. Local name Matigue. Cultivated. Seed.
490372. 95. Mali. Latitude: 15 deg 51 m N; Longitude: 002 deg 47 m W. Collected January 1982. Sonhrai tribe, Bambara-Maounde village. Growing season three months. Local name Tigadji. Cultivated. Seed.
490373. 99. Mali. Collected January 1982. Sonhrai tribe, M'Bole village. Local name Matidye. Cultivated. Seed.
490374. 106. Mali. Latitude: 15 deg 48 m N; Longitude: 003 deg 03 m W. Collected January 1982. Bambarra tribe, Gueleve village. Growing season four months. Local name Tiga. Cultivated. Seed.

490375 TO 490376. *Citrullus lanatus* (Thunb.) Matsum. & Nakai (Cucurbitaceae) Watermelon.

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy.
Received January 1983.

490375. 21. Mali. Latitude: 16 deg 10 m N; Longitude: 003 deg 50 m W. Collected January 1982. Bella tribe, Debe Yourmi village. Cultivated on dunes. Mixture of types. Local name Kankani. Cultivated. Seed.
490376. 93. Mali. Latitude: 16 deg 05 m N; Longitude: 002 deg 41 m W. Collected January 1982. Kounta tribe, Adabi Mahamound village. Found growing wild. Local name Linkinda. Cultivated. Seed.

490377 TO 490386. *Citrullus* sp. (Cucurbitaceae).

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy.
Received January 1983.

490377. 28. Mali. Latitude: 16 deg 11 m N; Longitude: 003 deg 42

490377 TO 490386-continued

- m W. Collected January 1982. Peuhl tribe, Ata village. Selected for the seed. Local name Dennemaoundi. Cultivated. Seed.
490378. 29. Mali. Latitude: 16 deg 11 m N; Longitude: 003 deg 42 m W. Collected January 1982. Peuhl tribe, Ata village. Early flowering. Seeds and pulp sweet. Local name Deene pamadi. Cultivated. Seed.
490379. 32. Mali. Latitude: 15 deg 56 m N; Longitude: 004 deg W. Collected January 1982. Niafounke village. Mixture of types. Local name Kankani. Cultivated. Seed.
490380. 34. Mali. Latitude: 16 deg 16 m N; Longitude: 003 deg 39 m W. Collected January 1982. Tondigame village. Local name Kani. Cultivated. Seed.
490381. 40. Mali. Latitude: 16 deg 08 m N; Longitude: 003 deg 45 m W. Collected January 1982. Tonka village. Local name Kunei-bei ou lara-lara. Cultivated. Seed.
490382. 42. Mali. Latitude: 16 deg 10 m N; Longitude: 003 deg 30 m W. Collected January 1982. Dongo village. Sown in dunes. Growing season 3-6 months. Cultivated. Seed.
490383. 43. Mali. Latitude: 16 deg 10 m N; Longitude: 003 deg 30 m W. Collected January 1982. Dongo village. Found growing wild. Unique seeds. Mixture of types. Local name Birkinda. Wild. Seed.
490384. 62. Mali. Latitude: 16 deg 40 m N; Longitude: 004 deg 09 m W. Collected January 1982. Sorhrai tribe, Adermalen village, south shore of Lac Faguibine, near Mbouna. Local name Kunei. Cultivated. Seed.
490385. 87. Mali. Latitude: 16 deg 37 m N; Longitude: 002 deg 41 m W. Collected January 1982. Sorhrai tribe, Arlal village. Local name Moussa-moussa. Cultivated. Seed.
490386. 89. Mali. Latitude: 16 deg 37 m N; Longitude: 002 deg 41 m W. Collected January 1982. Sonhrai tribe, Arlal village. Local name Kanely bar. Cultivated. Seed.

490387 TO 490388. Cucumis melo L. (Cucurbitaceae).

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy.
Received January 1983.

490387. 30. Mali. Latitude: 16 deg 17 m N; Longitude: 003 deg 44

490387 TO 490388-continued

m W. Collected January 1982. Sonhrai tribe, Mekore village. Seeds and pulp sweet. Local name DOUNGOURI. Cultivated. Seed.

490388. 64. Mali. Latitude: 16 deg 40 m N; Longitude: 003 deg 59 m W. Collected January 1982. Tanachek tribe, Ti-n-Aicha, nomadic campsite. Melon. Local name Kankani. Cultivated. Seed.

490389 TO 490392. Gossypium sp. (Malvaceae) Cotton.

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy. Received January 1983.

490389. 8. Mali. Latitude: 15 deg 43 m N; Longitude: 004 deg 55 m W. Collected January 1982. Lere village. Cultivated. Seed.

490390. 49. Mali. Latitude: 16 deg 31 m N; Longitude: 003 deg 43 m W. Collected January 1982. Sonhrai tribe, Bougoumeyra village. Shrubby in shape. Woody to 2m high. Perennial Herb. Cultivated. Seed.

490391. 60. Mali. Latitude: 16 deg 40 m N; Longitude: 004 deg 09 m W. Collected January 1982. Sonhrai tribe, Adermalen village, S shore of Lac Faguibine, near Mbouna. Dies in fall. Originated in Segou. Local name Habou. Cultivated. Seed.

490392. 70. Mali. Latitude: 16 deg 44 m N; Longitude: 003 deg 44 m W. Collected January 1982. Bintagoungou village. Perennial Herb. Cultivated. Seed.

490393 TO 490394. Hordeum sp. (Poaceae).

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy. Received January 1983.

490393. 76. Mali. Latitude: 16 deg 21 m N; Longitude: 003 deg 15 m W. Collected January 1982. Sonhrai tribe, Kirchamba village. Plant of the ass. Local name Farkassoubou. Cultivated. Seed.

490394. 81. Mali. Latitude: 16 deg 35 m N; Longitude: 003 deg 22 m W. Collected January 1982. Douekire village. Local name

490393 TO 490394-continued

Farkassoubou. Cultivated. Seed.

490395 TO 490405. *Triticum aestivum* L. (Poaceae) Common wheat.

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy.
Received January 1983.

490395. 45. Mali. Latitude: 16 deg 10 m N; Longitude: 003 deg 28 m W. Collected January 1982. Bella tribe, irrigated field, Bingata. Grown November-March. Local name Alkama tire. Cultivated. Seed.
490396. 57. Mali. Latitude: 16 deg 43 m N; Longitude: 003 deg 51 m W. Collected January 1982. Bella tribe, Mibos village. Grown January-April. Local name Alkama. Cultivated. Seed.
490397. 66. Mali. Latitude: 16 deg 51 m N; Longitude: 003 deg 52 m W. Collected January 1982. Bella tribe, Zouara nomadic campsite. Three month growing season. Heterogenous sample. Local name Alhama. Cultivated. Seed.
490398. 71. Mali. Latitude: 16 deg 44 m N; Longitude: 003 deg 44 m W. Collected January 1982. Bintagoungou village. Local name Alhama. Cultivated. Seed.
490399. 72. Mali. Latitude: 16 deg 41 m N; Longitude: 003 deg 19 m W. Collected January 1982. Mbouna village. Local name Alhama. Cultivated. Seed.
490400. 74. Mali. Latitude: 16 deg 21 m N; Longitude: 003 deg 19 m W. Collected January 1982. Sonhrai tribe, Sadji Lambou village. Local name Alkamu beri. Cultivated. Seed.
490401. 75. Mali. Latitude: 16 deg 21 m N; Longitude: 003 deg 15 m W. Collected January 1982. Sonhrai tribe, Kirchamba village. Local name Alkamu beri. Cultivated. Seed.
490402. 77. Mali. Latitude: 16 deg 16 m N; Longitude: 003 deg 11 m W. Collected January 1982. Baney village. Plant of the ass. Local name Alkamu beri. Cultivated. Seed.
490403. 78. Mali. Latitude: 16 deg 31 m N; Longitude: 003 deg 16 m W. Collected January 1982. Kessou Indyar village. Local name Alkamu tire. Cultivated. Seed.
490404. 79. Mali. Latitude: 16 deg 35 m N; Longitude: 003 deg 22 m W. Collected January 1982. Douekire village. Cultivated. Seed.

490395 TO 490405-continued

490405. 82. Mali. Latitude: 16 deg 33 m N; Longitude: 003 deg 27 m W. Collected January 1982. Dongoy village. Local name Koira alkuna. Cultivated. Seed.

490406 TO 490421. *Zea mays* L. (Poaceae) Field corn.

From Mali. Collected by Perret, P.M.; Sheuring, J.; IBPGR; International Crops Research Institute for the Semi-Arid Tropics; Rome, Italy; Patancheru, India. Received through IBPGR, Rome, Italy.
Received January 1983.

490406. 3. Mali. Latitude: 13 deg 22 m N; Longitude: 005 deg 28 m W. 420. Collected January 1982. Bambarra tribe, Ouori village. Growing season three months. Local name Bambani. Cultivated. Seed.

490407. 9. Mali. Latitude: 15 deg 48 m N; Longitude: 004 deg 35 m W. Collected January 1982. Diartou village. Cultivated. Seed.

490408. 11. Mali. Latitude: 15 deg 44 m N; Longitude: 004 deg 39 m W. Collected January 1982. Dianke village. Cultivated. Seed.

490409. 13. Mali. Collected January 1982. Tringa village. Cultivated. Seed.

490410. 15. Mali. Latitude: 15 deg 49 m N; Longitude: 004 deg 31 m W. Collected January 1982. Bambarra tribe, Kokonto village. Local name Manio. Cultivated. Seed.

490411. 20. Mali. Latitude: 16 deg 10 m N; Longitude: 003 deg 50 m W. Collected January 1982. Sonhai tribe, Yourmi village. Local name Manio. Cultivated. Seed.

490412. 56. Mali. Latitude: 16 deg 43 m N; Longitude: 003 deg 51 m W. Collected January 1982. Bella tribe, Mibos village. Sample heterogenous. Local name Massarsaba. Cultivated. Seed.

490413. 59. Mali. Latitude: 16 deg 40 m N; Longitude: 004 deg 09 m W. Collected January 1982. Adermalen village, south shore of Lac Faguibine, near Mdouna. Local name Massarsaba. Cultivated. Seed.

490414. 65. Mali. Latitude: 16 deg 51 m N; Longitude: 003 deg 52 m W. Collected January 1982. Bella tribe, Zouara nomadic campsite. Local name Massarsaba. Cultivated. Seed.

490415. 67. Mali. Latitude: 16 deg 50 m N; Longitude: 003 deg 43

490406 TO 490421-continued

- m W. Collected January 1982. Bechekou village hill. Local name Massarsuka. Cultivated. Seed.
490416. 73. Mali. Collected January 1982. Harahara village. Originally from Lac Oro. Local name Massarsuka. Cultivated. Seed.
490417. 84. Mali. Latitude: 16 deg 44 m N; Longitude: 002 deg 37 m W. Collected January 1982. Sonhrai tribe, Milala village. Local name Massarsaba. Cultivated. Seed.
490418. 91. Mali. Latitude: 16 deg 37 m N; Longitude: 002 deg 41 m W. Collected January 1982. Sonhrai tribe, Aglal village. Sixty-day winter type. Local name Massarsaba. Cultivated. Seed.
490419. 96. Mali. Latitude: 15 deg 51 m N; Longitude: 002 deg 47 m W. Collected January 1982. Sonhrai tribe, Bambara-Maounde village. Growing season forty days. Local name Massarsaba. Cultivated. Seed.
490420. 98. Mali. Latitude: 15 deg 55 m N; Longitude: 002 deg 52 m W. Collected January 1982. Peuhls tribe, Daka Pate village. Growing season sixty days. Local name Manio. Cultivated. Seed.
490421. 102. Mali. Latitude: 15 deg 48 m N; Longitude: 003 deg 03 m W. Collected January 1982. Bambarra tribe, Gueleve village. Growing season three months. Local name Kala. Cultivated. Seed.

490422 TO 490654. *Amaranthus caudatus* L. (Amaranthaceae).

From Peru. Donated by Sumar K., L.; Programa de Investigacion *Amaranthus*, Universidad Nacional San Antonio Abad Del Cusco; Cusco. Received through Rodale Research Center, Kutztown, PA.
Received May 1984.

490422. 001. Peru. Cay-Cay, Paucartambo District, Cusco Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490423. 002. Peru. Urcos, Urcos District, Cusco Department. 3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490424. 003. Peru. Cay-Cay, Paucartambo District, Cusco Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490425. 004. Peru. Cay-Cay, Paucartambo District, Cusco Department. 2900m. Collected by L. Sumar K. Local name

490422 TO 490654-continued
Kiwicha. Seed.

490426. 005. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490427. 006. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490428. 007. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490429. 008. Peru. Cay-Cay, Paucartambo District, Cusco
Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490430. 009. Peru. Cay-Cay, Paucartambo District, Cusco
Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490431. 010. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490432. 011. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490433. 012. Peru. Cay-Cay, Paucartambo District, Cusco
Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490434. 013. Peru. Cay-Cay, Paucartambo District, Cusco
Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490435. 014. Peru. Cay-Cay, Paucartambo District, Cusco
Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490436. 015. Peru. Cay-Cay, Paucartambo District, Cusco
Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490437. 016. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490438. 017. Peru. Urcos, Urcos District, Cusco Department.
3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490439. 018. Peru. Larapa, San Jeronimo District, Cusco
Department. 3200m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490440. 019. Peru. Huancayo, Huancayo District, Huancayo
Department. 2900m. Collected by L. Sumar K. Local name

490422 TO 490654-continued

Kiwicha. Seed.

490441. 020. Peru. Huancayo, Huancayo District, Huancayo Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490442. 021. Peru. Urcos, Urcos District, Cusco Department. 3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490443. 022. Peru. Huancayo, Huancayo District, Huancayo Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490444. 024. Peru. San Pablo, Huayopata District, Cusco Department. 1200m. Collected by R. Gilt. Local name Kiwicha. Seed.
490445. 025. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490446. 026. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490447. 027. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490448. 028. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490449. 029. Peru. K'ayra, San Jeronimo District, Cusco Department. 3250m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490450. 030. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490451. 031. Peru. Abancay, Abancay District, Apurimac Department. 2200m. Collected by C. Arbizu. Local name Achita. Seed.
490452. 032. Peru. Andahuaylas, Andahuaylas District, Apurimac Department. 3100m. Collected by C. Arbizu. Local name Achita. Seed.
490453. 033. Peru. Andahuaylas, Andahuaylas District, Apurimac Department. 3100m. Collected by C. Arbizu. Local name Achita. Seed.

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490454. 034. Peru. Andahuaylas, Andahuaylas District, Apurimac Department. 3100m. Collected by C. Arbizu. Local name Achita. Seed.
490455. 035. United States. Local name Achita. Seed.
490456. 036. Bolivia. Tarija, Tarija District, Tarija Department. 2100m. Collected by M. Tapia. Local name Coimi. Seed.
490457. 037. Bolivia. Pampasilla, Pampasilla District, Pampasilla Department. 2200m. Collected by M. Tapia. Local name Coimi. Seed.
490458. 038. Bolivia. San Lorenzo, San Lorenzo District, San Lorenzo Department. 2200m. Collected by M. Tapia. Local name Coimi. Seed.
490459. 039. Bolivia. San Lorenzo, San Lorenzo District, San Lorenzo Department. 2200m. Collected by M. Tapia. Local name Coimi. Seed.
490460. 040. Bolivia. Tarija, Tarija District, Tarija Department. 2100m. Collected by M. Tapia. Local name Coimi. Seed.
490461. 041. Bolivia. San Andres, San Andres District, San Andres Department. 2200m. Collected by M. Tapia. Local name Coimi. Seed.
490462. 042. Bolivia. Chuansaca, Chuansaca District, Chuansaca Department. 2200m. Collected by M. Tapia. Local name Coimi. Seed.
490463. 043. Peru. Vichay Huaylas, Vichay Huaylas District, Ancash Department. 2900m. Collected by R. Chavez. Local name Coimi. Seed.
490464. 044. Peru. Vichay Huaylas, Huaraz District, Ancash Department. 2900m. Collected by R. Chavez. Local name Achita. Seed.
490465. 045. Peru. Urcos, Urcos District, Cusco Department. 3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490466. 046. Peru. Colquepata, Paucartambo District, Cusco Department. 3600m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490467. 047. Peru. Mercado, Paucartambo District, Cusco Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490468. 048. Peru. Cay-Cay, Paucartambo District, Cusco

490422 TO 490654-continued

- Department. 2900m. Collected by L. Sumar K. Local name
Kiwicha. Seed.
490469. 049. Peru. Ayacucho, Ayacucho District, Ayacucho
Department. 2600m. Collected by R. Chavez. Local name
Achita. Seed.
490470. 050. Peru. Ayacucho, Ayacucho District, Ayacucho
Department. 2600m. Collected by R. Chavez. Local name
Achita. Seed.
490471. 052. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490472. 053. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490473. 054. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490474. 055. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490475. 056. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490476. 057. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490477. 058. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490478. 059. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490479. 060. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490480. 061. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name
Kiwicha. Seed.
490481. 062. Peru. Vilcabamba, Paucartambo District, Cusco
Department. 2900m. Collected by A. Calero. Local name

490422 TO 490654-continued
Kiwicha. Seed.

490482. 063. Peru. Vilcabamba, Paucartambo District, Cusco Department. 2900m. Collected by A. Calero. Local name Kiwicha. Seed.
490483. 064. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by O. Blanco. Local name Achita. Seed.
490484. 065. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by Escalante. Local name Achita. Seed.
490485. 066. Peru. Paucartambo, Paucartambo District, Cusco Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490486. 067. Peru. Marangani, Sicuaní District, Cusco Department. 3600m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490487. 068. Peru. Huampani, Lima District, Lima Department. 300m. Collected by R. Chavez. Local name Kiwicha. Seed.
490488. 069. Peru. Paruro, Paruro District, Cusco Department. 3000m. Collected by S. Fernandez Baca. Local name Kiwicha. Seed.
490489. 070. Peru. Andahuaylas, Andahuaylas District, Apurimac Department. 3100m. Collected by C. Valdivia. Local name Achita. Seed.
490490. 071. Peru. Caycanca, Cotabambas District, Apurimac Department. 3200m. Collected by C. Valdivia. Local name Achita. Seed.
490491. 074. Argentina. La Pampa. Universidad Nacional de La Pampa. La Pampa District, La Pampa Department. Seed.
490492. 075. Peru. Taray, Calca District, Cusco Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490493. 076. Peru. Chamana, Urubamba District, Cusco Department. 2900m. Collected by V. Rivero. Local name Kiwicha. Seed.
490494. 077. Peru. Challabamba, Limatambo District, Cusco Department. 2200m. Collected by J. Arteta. Local name Kiwicha. Seed.
490495. 078. Argentina. La Pampa. Universidad Nacional de La Pampa. La Pampa District, La Pampa Department. Seed.
490496. 082. Argentina. La Pampa District, La Pampa Department.

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Collected by G. Covas. Seed.

490497. 083. Peru, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490498. 084. Peru, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490499. 085. Peru, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490500. 086. Peru, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490501. 087. Peru, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490502. 088. Peru, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490503. 090. Peru, Paruro, Paruro District, Cusco Department. 3000m. Collected by F. Pancorbo. Local name Kiwicha. Seed.
490504. 091. Peru, Paruro, Paruro District, Cusco Department. 3000m. Collected by F. Pancorbo. Local name Kiwicha. Seed.
490505. 092. Peru, Mercado, Paucartambo District, Cusco Department. 2900m. Collected by F. Pancorbo. Local name Kiwicha. Seed.
490506. 093. Peru, Curahuasi, Abancay District, Apurimac Department. 2650m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490507. 094. Peru, K'ayra, San Jeronimo District, Cusco Department. 3150m. Collected by A. de Campana. Local name Kanihua. Seed.
490508. 136. Peru, Urubamba, Urubamba District, Cusco Department. 2800m. Collected by G. Cuela. Local name Kiwicha. Seed.
490509. 137. Peru, Corma, Acomayo District, Cusco Department. 2900m. Collected by P. Zegarra. Local name Kiwicha. Seed.
490510. 140. Peru, Corma, Acomayo District, Cusco Department. 2900m. Collected by P. Zegarra. Local name Kiwicha. Seed.
490511. 141. Peru, Yucay, Urubamba District, Cusco Department. 2800m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490512. 142. Peru, Yanahuara, Urubamba District, Cusco Department. 2800m. Collected by L. Sumar K. Local name Kiwicha. Seed.

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490513. 143. Peru. Kuyo Chico, Pisac District, Cusco Department. 2900m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490514. 146. Peru. Paruro, Paruro District, Cusco Department. 3000m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490515. 148. Peru. K'ayra, San Jeronimo District, Cusco Department. 3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490516. 149. Peru. K'ayra, San Jeronimo District, Cusco Department. 3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490517. 150. Peru. K'ayra, San Jeronimo District, Cusco Department. 3150m. Collected by L. Sumar K. Local name Kiwicha. Seed.
490518. 245. Peru. Yaurisque, Paruro District, Cusco Department. 3380m. Collected by L. Feine and A. Pena. Local name Kiwicha. Seed.
490519. 246. Peru. Uncapampa, Paucartambo District, Cusco Department. 3330m. Collected by L. Feine and A. Pena. Local name Kiwicha. Seed.
490520. 247. Peru. Charquechayoc, Paucartambo District, Cusco Department. 2900m. Collected by L. Feine and A. Pena. Local name Kiwicha. Seed.
490521. 253. Peru. Panteon Punku, Paruro District, Cusco Department. 3000m. Collected by A. Alvarez and L. Feine. Local name Kiwicha. Seed.
490522. 254. Peru. Pillpinto, Paruro District, Cusco Department. 3000m. Collected by A. Alvarez and L. Feine. Local name Kiwicha. Seed.
490523. 255. Peru. Pillpinto, Paruro District, Cusco Department. 3000m. Collected by A. Alvarez and L. Feine. Local name Kiwi. Seed.
490524. 256. Peru. Simpi S. Antonio, Acomayo District, Cusco Department. 3000m. Collected by A. Alvarez and L. Feine. Local name Kiwillo. Seed.
490525. 259. Peru. Huari, Huaraz District, Ancash Department. 2900m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490526. 261. Peru. Picop, Huaraz District, Ancash Department. 2950m. Collected by A. Alvarez and L. Feine. Local name

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- Achis. Seed.
490527. 263. Peru. Simphi, Huaraz District, Ancash Department.
2800m. Collected by A. Alvarez and L. Feine. Local name
Achis. Seed.
490528. 265. Peru. Yungay, Carhuaz District, Ancash Department.
2800m. Collected by A. Alvarez and L. Feine. Local name
Achis. Seed.
490529. 266. Peru. Marcara, Carhuaz District, Ancash Department.
2800m. Collected by A. Alvarez and L. Feine. Local name
Achis. Seed.
490530. 267. Peru. Huarupampa, Carhuaz District, Ancash
Department. 2750m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490531. 268. Peru. Cajamarquilla, Carhuaz District, Ancash
Department. 2750m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490532. 269. Peru. Antarca, Carhuaz District, Ancash Department.
2750m. Collected by A. Alvarez and L. Feine. Local name
Achis. Seed.
490533. 277. Peru. Huarimayo (Chavin), Huari District, Ancash
Department. 3060m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490534. 279. Peru. Caserio Huarimayo, Chavin District, Ancash
Department. 3060m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490535. 282. Peru. San Marcos, Apayaco, Huari District, Ancash
Department. 2910m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490536. 283. Peru. San Marcos, Apayaco, Huari District, Ancash
Department. 2910m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490537. 290. Peru. Cajay Cardonyoc, Huari District, Ancash
Department. 2980m. Collected by A. Alvarez and L. Feine.
Local name Achis. Seed.
490538. 293. Peru. Huari, Huari District, Ancash Department.
3050m. Collected by A. Alvarez and L. Feine. Local name
Achis. Seed.
490539. 303. Peru. San Marcos, Huari District, Ancash Department.
2960m. Collected by A. Alvarez and L. Feine. Local name
Achis. Seed.

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490540. 308. Peru. Huaraz, Huaraz District, Ancash Department. 3100m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490541. 310. Peru. Picop, Huaraz District, Ancash Department. 2900m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490542. 311. Peru. Picop, Huaraz District, Ancash Department. 2900m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490543. 313. Peru. Jangas, Huaraz District, Ancash Department. 2900m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490544. 314. Peru. Picop, Huaraz District, Ancash Department. 2900m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490545. 320. Peru. S. Miguel de Aco Quitaparcao, Carhuaz District, Ancash Department. 3180m. Collected by A. Alvarez and L. Feine. Local name Achis. Seed.
490546. 321. Peru. Curahuasi, Abancay District, Apurimac Department. 3100m. Collected by A. Campana. Local name Kanihua. Seed.
490547. 322. Peru. Occoruro, Abancay District, Apurimac Department. 3100m. Collected by A. Campana. Local name Kanihua. Seed.
490548. 323. Peru. Saywite, Abancay District, Apurimac Department. 3150m. Collected by A. Campana. Local name Kanihua. Seed.
490549. 324. Peru. Ccoropampa, Abancay District, Apurimac Department. 3050m. Collected by A. Campana. Local name Kanihua. Seed.
490550. 325. Peru. Hda. S. Francisco, Mollepata District, Cusco Department. 2400m. Collected by A. Campana. Local name Kanihua. Seed.
490551. 326. Peru. Accobamba, Mollepata District, Cusco Department. 3000m. Collected by A. Campana. Local name Kanihua. Seed.
490552. 327. Peru. Ayrarca, Mollepata District, Cusco Department. 3200m. Collected by A. Campana. Local name Kanihua. Seed.

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490553. 328. Peru. Ccoyahuacho, Andahuaylas District, Apurimac Department. 3250m. Collected by A. Campana. Local name Achita. Seed.
490554. 329. Peru. Ccoyahuacho, Andahuaylas District, Apurimac Department. 3250m. Collected by A. Campana. Local name Achita. Seed.
490555. 330. Peru. Puyso, Andahuaylas District, Apurimac Department. 3500m. Collected by A. Campana. Local name Achita. Seed.
490556. 332. Peru. Ccoyahuacho, Andahuaylas District, Apurimac Department. 3250m. Collected by A. Campana. Local name Achita. Seed.
490557. 333. Peru. Ccoyahuacho, Andahuaylas District, Apurimac Department. 3250m. Collected by A. Campana. Local name Achita. Seed.
490558. 334. Peru. San Jeronimo, Andahuaylas District, Apurimac Department. 3200m. Collected by A. Campana. Local name Achita. Seed.
490559. 335. Peru. Ccantupata, Andahuaylas District, Apurimac Department. 3200m. Collected by A. Campana. Local name Achita. Seed.
490560. 336. Peru. Ccantupata, Andahuaylas District, Apurimac Department. 3200m. Collected by A. Campana. Local name Achita. Seed.
490561. 337. Peru. Ranracancha, Ocobamba District, Apurimac Department. 3800m. Collected by A. Campana. Local name Achita. Seed.
490562. 338. Peru. Huacsone, Ocobamba District, Apurimac Department. 3600m. Collected by A. Campana. Local name Achita. Seed.
490563. 339. Peru. Huacsone, Ocobamba District, Apurimac Department. 3600m. Collected by A. Campana. Local name Achita. Seed.
490564. 340. Peru. Talavera-Umaka, Andahuaylas District, Apurimac Department. 2800m. Collected by A. Campana. Local name Achita. Seed.
490565. 341. Peru. Cascabamba, Andahuaylas District, Apurimac Department. 3500m. Collected by A. Campana. Local name Achita. Seed.

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490566. 342. Peru. Talavera-Umaka, Andahuaylas District, Apurimac Department. 2800m. Collected by A. Campana. Local name Achita. Seed.
490567. 343. Peru. Santa Rosa, Andahuaylas District, Apurimac Department. 2400m. Collected by A. Campana. Local name Achita. Seed.
490568. 344. Peru. Santa Rosa, Andahuaylas District, Apurimac Department. 2400m. Collected by A. Campana. Local name Achita. Seed.
490569. 345. Peru. Poltoxa, Andahuaylas District, Apurimac Department. 3400m. Collected by A. Campana. Local name Achita. Seed.
490570. 346. Peru. Santa Rosa, Andahuaylas District, Apurimac Department. 2400m. Collected by A. Campana. Local name Achita. Seed.
490571. 347. Peru. Talavera-Umaka, Andahuaylas District, Apurimac Department. 2800m. Collected by A. Campana. Local name Achita. Seed.
490572. 348. Peru. Mercado, Abancay District, Apurimac Department. 2400m. Collected by A. Campana. Local name Achita. Seed.
490573. 349. Peru. Antilla, Antabamba District, Apurimac Department. 3400m. Collected by A. Campana. Local name Achita. Seed.
490574. 350. Peru. Antilla, Antabamba District, Apurimac Department. 3400m. Collected by A. Campana. Local name Achita. Seed.
490575. 351. Peru. Pachaconas, Aymaraes District, Apurimac Department. 3500m. Collected by A. Campana. Local name Achita. Seed.
490576. 352. Peru. Pachaconas, Aymaraes District, Apurimac Department. 3500m. Collected by A. Campana. Local name Achita. Seed.
490577. 353. Peru. Pachaconas, Aymaraes District, Apurimac Department. 3100m. Collected by A. Campana. Local name Achita. Seed.
490578. 354. Peru. Saraica, Aymaraes District, Apurimac Department. Collected by A. Campana. Local name Achita. Seed.

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490579. 355. Bolivia. Quillacollo, Quillacollo District, Cochabamba Department. 2500m. Collected by L. Lescano. Local name Millmi. Seed.
490580. 357. Bolivia. Tiraque, Tiraque District, Cochabamba Department. 2600m. Collected by L. Lescano. Local name Millmi. Seed.
490581. 360. Bolivia. La Loma, Tarija District, Cochabamba Department. 2200m. Collected by L. Lescano. Local name Coimi. Seed.
490582. 361. Bolivia. Gral. Campero, Tarija District, Tarija Department. 2100m. Collected by L. Lescano. Local name Coimi. Seed.
490583. 365. Bolivia. San Lorenzo, San Lorenzo District, Tarija Department. 2200m. Collected by L. Lescano. Local name Coimi. Seed.
490584. 366. Bolivia. San Lorenzo, San Lorenzo District, Tarija Department. 2200m. Collected by L. Lescano. Local name Coimi. Seed.
490585. 367. Bolivia. San Lorenzo, San Lorenzo District, Tarija Department. 2200m. Collected by L. Lescano. Local name Coimi. Seed.
490586. 368. Bolivia. Villazon, Villazon District, Potosi Department. 2400m. Collected by L. Lescano. Local name Coimi. Seed.
490587. 369. Argentina. Corralitos, Corralitos District. Collected by H. Hauptli. Local name Quinoa. Seed.
490588. 370. Argentina. San Carlos, San Carlos District. Collected by H. Hauptli. Local name Quinoa. Seed.
490589. 374. Bolivia. Sacaba, Sacaba District, Cochabamba Department. 2450m. Collected by H. Hauptli. Local name Millmy. Seed.
490590. 376. Peru. San Jeronimo, Cusco District, Cusco Department. 3200m. Collected by H. Hauptli. Local name Kiwicha. Seed.
490591. 377. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2950m. Collected by H. Hauptli. Local name Jataco. Seed.
490592. 379. Peru. Huancayo, Huancayo District, Huancayo Department. 3000m. Collected by H. Hauptli. Local name

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Achita. Seed.

490593. 380. Peru. La Mejorada, La Mejorada District, Ayacucho Department. 3100m. Collected by H. Hauptli. Local name Achita. Seed.
490594. 381. Peru. La Mejorada, La Mejorada District, Ayacucho Department. 3100m. Collected by H. Hauptli. Local name Achita. Seed.
490595. 382. Peru. La Mejorada, La Mejorada District, Ayacucho Department. 3100m. Collected by H. Hauptli. Local name Achita. Seed.
490596. 384. Peru. Huaraz, Huaraz District, Ancash Department. 3000m. Collected by H. Hauptli. Local name Achis. Seed.
490597. 385. Peru. Huaraz, Huaraz District, Ancash Department. 3000m. Collected by H. Hauptli. Local name Achis. Seed.
490598. 387. Peru. Huaraz, Huaraz District, Ancash Department. 3000m. Collected by H. Hauptli. Local name Achis. Seed.
490599. 391. Peru. Caraz, Caraz District, Ancash Department. 2800m. Collected by H. Hauptli. Local name Achis Jonjoli. Seed.
490600. 392. Peru. Yungay, Yungay District, Ancash Department. 2800m. Collected by H. Hauptli. Local name Achis Jonjoli. Seed.
490601. 396. Peru. Cajamarca, Cajamarca District, Cajamarca Department. Collected by H. Hauptli. Local name Coyo. Seed.
490602. 397. Peru. Cajamarca, Cajamarca District, Cajamarca Department. Collected by H. Hauptli. Local name Coyo. Seed.
490603. 398. Peru. Cajamarca, Cajamarca District, Cajamarca Department. Collected by H. Hauptli. Local name Coyo. Seed.
490604. 401. Bolivia. Sucre, Sucre District, Sucre Department. Collected by H. Hauptli. Local name Coimi. Seed.
490605. 402. Bolivia. Sucre, Sucre District, Sucre Department. Collected by H. Hauptli. Local name Coimi. Seed.
490606. 403. Bolivia. Tarabuco, Tarabuco District, Tarabuco Department. Collected by H. Hauptli. Local name Coimi. Seed.

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490607. 404. Bolivia. Tarabuco, Tarabuco District, Tarabuco Department. Collected by H. Hauptli. Local name Coimi. Seed.
490608. 405. Bolivia. Tarabuco, Tarabuco District, Tarabuco Department. Collected by H. Hauptli. Local name Coimi. Seed.
490609. 414. Ecuador. Caruncay, Caruncay District. Collected by H. Hauptli. Local name Quinoa dulce. Seed.
490610. 429. Collected by Downton. Local name Achita. Seed.
490611. 430. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by D. Trelles. Local name Achita. Seed.
490612. 431. Peru. La Joya, La Joya District, Arequipa Department. 1050m. Collected by L. Sumar K. Local name Achita. Seed.
490613. 432. Peru. Pariahuanca, Carhuaz District, Ancash Department. 2900m. Collected by A. Alvarez. Local name Achis. Seed.
490614. 433. Peru. Mercado, Ayacucho District, Ayacucho Department. 2600m. Collected by D. Trelles. Local name Achita. Seed.
490615. 434. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490616. 435. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490617. 436. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490618. 437. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490619. 438. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490620. 439. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.

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490621. 440. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490622. 441. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490623. 442. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490624. 443. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490625. 444. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490626. 446. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490627. 447. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490628. 448. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490629. 449. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490630. 450. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490631. 451. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490632. 452. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490633. 453. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2500m. Collected by C. Arbizu. Local name Achita. Seed.

490422 TO 490654-continued

490634. 454. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490635. 455. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490636. 456. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490637. 457. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490638. 458. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490639. 459. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490640. 460. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490641. 461. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490642. 462. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490643. 463. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490644. 464. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490645. 465. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490646. 466. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.

490422 TO 490654-continued

490647. 467. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490648. 468. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490649. 469. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490650. 470. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490651. 471. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490652. 472. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490653. 473. Peru. Ayacucho, Ayacucho District, Ayacucho Department. 2600m. Collected by C. Arbizu. Local name Achita. Seed.
490654. 485. Peru. Cotabambas, Cotabambas District, Apurimac Department. 2800m. Collected by A. Campana. Local name Achita. Seed.

490655 TO 490662. *Amaranthus cruentus* L. (Amaranthaceae).

From Peru. Donated by Sumar K., L.; Programa de Investigacion Amaranthus, Universidad Nacional San Antonio Abad Del Cusco; Cusco. Received through Rodale Research Center, Kutztown, PA.
Received May 1984.

490655. 072. Seed.
490656. 103. Nepal. Rodale Research Center, Kutztown, Pennsylvania. RRC 155. Pokhara. Collected by R.R. Harwood. Seed.
490657. 113. United States. Rodale Research Center, Kutztown, Pennsylvania. RRC 537. Arizona. Collected by G. Nabhan, GN 1101. Maturity early. Seed yield good. Seed.
490658. 115. Guatemala. Rodale Research Center, Kutztown,

490655 TO 490662-continued

Pennsylvania. RRC 618. San Pedro Carcha. Collected by H. Hauptli, HH 083. Stems red. Seed.

490659. 133. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 438. Morelos, Huazulco. Collected by L. Feine and G. Nabhan, LF/GN 27. Plants short, few leaves. No lodging. Shattering. Seed.

490660. 478. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 432. Morelos, Huazulco. Collected by L. Feine and G. Nabhan, LF/GN 22. Plants short, no lodging. Main head nice. Seed.

490661. 481. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 1011. Collected by D. Early. Cultivated. Seed.

490662. 483. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 1034. Collected by A. Tucker. Seed.

490663 TO 490751. *Amaranthus hybridus* L. (Amaranthaceae).

From Peru. Donated by Sumar K., L.; Programa de Investigacion Amaranthus, Universidad Nacional San Antonio Abad Del Cusco; Cusco. Received through Rodale Research Center, Kutztown, PA.
Received May 1984.

490663. 152. Ecuador. Cuchibamba District, Tungurahua Department. 2580m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490664. 153. Ecuador. Cuchibamba District, Tungurahua Department. 2580m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490665. 154. Ecuador. Sta. Lucia, A. Olguin District, Tungurahua Department. 2610m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490666. 156. Ecuador. Isamba, Pisque Chico District, Tungurahua Department. 2520m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490667. 157. Ecuador. Urbina, Pillaro District, Tungurahua Department. 2750m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490668. 158. Ecuador. Urbina, Pillaro District, Tungurahua Department. 2750m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490663 TO 490751-continued

490669. 159. Ecuador. San Miguelito, Pillaro District, Tungurahua Department. 2650m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490670. 160. Ecuador. Capulisneo, Pillaro District, Tungurahua Department. 2520m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490671. 161. Ecuador. Los Andes, Patate District, Tungurahua Department. 2260m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490672. 162. Ecuador. Pelileo, Pelileo District, Tungurahua Department. 2520m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490673. 163. Ecuador. Amazonas, Montalvo District, Tungurahua Department. 2775m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490674. 164. Ecuador. Agua Santa, Cerrallos District, Tungurahua Department. 2760m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490675. 165. Ecuador. Querochaca, Quero District, Tungurahua Department. 2760m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490676. 166. Ecuador. Quero, Quero District, Tungurahua Department. 2830m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490677. 167. Ecuador. Hipolonguito, San Antonio District, Tungurahua Department. 3070m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490678. 168. Ecuador. Quigambi, Quero District, Tungurahua Department. 2890m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490679. 169. Ecuador. Ceballos, Ceballos District, Tungurahua Department. 2775m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490680. 171. Ecuador. Chinchicoto, Tisaleo District, Tungurahua Department. 3100m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490681. 172. Ecuador. Mocha, Mocha District, Tungurahua Department. 3080m. Collected by O. Blanco and R. Castillo.

490663 TO 490751-continued

- Local name Sangorache. Received as *A. quitensis*. Seed.
490682. 173. Ecuador. San Miguel, Guano District, Tungurahua Department. 2875m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490683. 174. Ecuador. San Pedro, Riobamba District, Tungurahua Department. 2690m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490684. 175. Ecuador. 24 de Mayo, Riobamba District, Tungurahua Department. 2790m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490685. 176. Ecuador. El Gatazo, Chimborazo District, Tungurahua Department. 3038m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490686. 177. Ecuador. Cashaloma District, Pichincha Department. 2440m. Collected by O. Blanco and C. Nieto. Local name Sangorache. Received as *A. quitensis*. Seed.
490687. 178. Ecuador. Cashaloma District, Pichincha Department. 2440m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490688. 179. Ecuador. La Tola Chicá District, Pichincha Department. 2440m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490689. 180. Ecuador. Tumbaco, Tumbaco District, Pichincha Department. 2360m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490690. 181. Ecuador. Tumbaco, Tumbaco District, Pichincha Department. 2360m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490691. 182. Ecuador. La Tola Baja, La Tola Baja District, Pichincha Department. 2300m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490692. 183. Ecuador. Sashuma, Pijo District, Pichincha Department. 2600m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490693. 185. Ecuador. Tababela, Tababela District, Pichincha Department. 2440m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490694. 186. Ecuador. Checa, Checa District, Pichincha Department. 2530m. Collected by O. Blanco and C. Nieto.

490663 TO 490751-continued

- Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490695. 188. Ecuador. El Quinche, El Quinche District, Pichincha Department. 2520m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490696. 189. Ecuador. San Vicente, Secillab District, Pichincha Department. 2650m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490697. 190. Ecuador. Sta. Marianita, Oton District, Pichincha Department. 2670m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490698. 191. Ecuador. Sta. Marianita, Oton District, Pichincha Department. 2690m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490699. 193. Ecuador. Santa Rosa, Cangahua District, Pichincha Department. 2600m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490700. 194. Ecuador. Pimampiro, Pimampiro District, Imbabura Department. 2140m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490701. 198. Ecuador. San Miguel, C. Colon District, Carchi Department. 2710m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490702. 199. Ecuador. Gonzalez, Suarez District, Carchi Department. 2750m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490703. 200. Ecuador. Marin, Andrade District, Imbabura Department. 2940m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490704. 201. Ecuador. San Pablo, Otaralo District, Imbabura Department. 2630m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490705. 202. Ecuador. Valenzuela, S.P. Otar District, Imbabura Department. 2790m. Collected by O. Blanco and C. Nieto. Local name Ataco. Received as *A. quitensis*. Seed.
490706. 203. Ecuador. Tabacundo, P. Moncayo District, Pichincha Department. 2750m. Collected by O. Blanco and C. Nieto. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490707. 204. Ecuador. Machachu, Machachu District, Pichincha Department. Collected by O. Blanco. Local name Quinoa Negra. Received as *A. quitensis*. Seed.

490663 TO 490751-continued

490708. 205. Ecuador. Chaupi, Chaupi District, Pichincha Department. Collected by O. Blanco. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490709. 206. Ecuador. Gutic, Gutic District, Pichincha Department. Collected by O. Blanco. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490710. 207. Ecuador. Mono, Mono District, Pichincha Department. Collected by O. Blanco. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490711. 208. Ecuador. Calderon, Calderon District, Pichincha Department. Collected by O. Blanco. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490712. 210. Ecuador. Pomaski, Pomaski District, Pichincha Department. Collected by O. Blanco. Local name Quinoa Negra. Received as *A. quitensis*. Seed.
490713. 211. Ecuador. Songolqui, Songolqui District, Pichincha Department. Collected by O. Blanco. Local name Ataco. Received as *A. quitensis*. Seed.
490714. 212. Ecuador. Chunchi, Chimborazo District, Chimborazo Department. 2190m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490715. 215. Ecuador. Parque, El Tambo District, Canar Department. 2890m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490716. 216. Ecuador. Ingapirca, Ingapirca District, Canar Department. 2960m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490717. 217. Ecuador. La Vaqueria, Biblian District, Canar Department. 2750m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490718. 218. Ecuador. Zhalao, Biblian District, Canar Department. 2635m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490719. 219. Ecuador. San Luis, Biblian District, Canar Department. 2550m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490720. 220. Ecuador. Biblian, Biblian District, Canar Department. 2770m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.

490663 TO 490751-continued

490721. 221. Ecuador. Turupampa, Biblian District, Canar Department. 2850m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490722. 222. Ecuador. Gulaji, Deleg. Azoguez District, Canar Department. 2800m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490723. 223. Ecuador. Deleg. Azoguez District, Canar Department. 2620m. Collected by O. Blanco and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490724. 225. Ecuador. Solano, Solano District, Canar Department. 2550m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490725. 226. Ecuador. Llacao, Cuenca District, Azuay Department. 2600m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490726. 227. Ecuador. La Colorosa, Cuenca District, Azuay Department. 2400m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490727. 228. Ecuador. S. Bolivar, Banos District, Azuay Department. 2500m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490728. 229. Ecuador. Villa Dolorosa, Banos District, Azuay Department. 2540m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490729. 230. Ecuador. San Pedro, Tarqui District, Azuay Department. 2550m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490730. 231. Ecuador. La Cofradia, Giron District, Azuay Department. 2330m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490731. 232. Ecuador. Giron, Giron District, Azuay Department. 2050m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490732. 233. Ecuador. Corazon Lentae, Azuane District, Azuay Department. 1640m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A.*

490663 TO 490751-continued

- quitensis. Seed.
490733. 235. Ecuador. Leocopa, Giron District, Azuay Department. 1900m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490734. 236. Ecuador. Tarqui, Tarqui District, Portete Department. 2680m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490735. 237. Ecuador. Cuenca, Cuenca District, Azuay Department. 2510m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490736. 239. Ecuador. Charasol, Azoguez District, Canar Department. 2385m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490737. 240. Ecuador. Bayas, Azoguez District, Canar Department. 2650m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Sangorache. Received as *A. quitensis*. Seed.
490738. 243. Ecuador. Tambillo, Tambillo District, Quito Department. 2670m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Quinua Negra. Received as *A. quitensis*. Seed.
490739. 244. Ecuador. Tambillo, Tambillo District, Quito Department. 2670m. Collected by O. Blanco, E. Peralta and R. Castillo. Local name Quinua Negra. Received as *A. quitensis*. Seed.
490740. 251. Peru. Ninabamba, Acomayo District, Cusco Department. 3000m. Collected by L. Feine and A. Pena. Local name Ataco. Received as *A. quitensis*. Seed.
490741. 413. Ecuador. Tambo, Tambo District. Collected by H. Hauptli. Local name Sangorache. Received as *A. quitensis*. Seed.
490742. 415. Ecuador. Alausi, Alausi District. Collected by H. Hauptli. Local name Sangorache. Received as *A. quitensis*. Seed.
490743. 417. Ecuador. Huigra, Huigra District. Collected by H. Hauptli. Local name Sangorache. Received as *A. quitensis*. Seed.
490744. 418. Ecuador. Riobamba, Riobamba District. Collected by H. Hauptli. Local name Sangorache. Received as *A. quitensis*. Seed.

490663 TO 490751-continued

490745. 420. Ecuador. San Andres, San Andres District. Collected by H. Hauptli. Local name Sangorache. Received as *A. quitensis*. Seed.
490746. 421. Ecuador. Guaranda, Guaranda District. Collected by H. Hauptli. Local name Sangorache. Received as *A. quitensis*. Seed.
490747. 423. Ecuador. Otaralo, Otaralo District. Collected by H. Hauptli. Local name Ataco. Received as *A. quitensis*. Seed.
490748. 425. Ecuador. Tabacundo, Tabacundo District, Tabacundo Department. Collected by H. Hauptli. Local name Ataco. Received as *A. quitensis*. Seed.
490749. 426. Ecuador. Tabacundo, Tabacundo District, Tabacundo Department. Collected by H. Hauptli. Local name Ataco, Quinoa de Castilla. Received as *A. quitensis*. Seed.
490750. 427. Ecuador. Guayllabamba, Guayllabamba District, Guayllabamba Department. Collected by H. Hauptli. Local name Ataco, Quinoa de Castilla. Received as *A. quitensis*. Seed.
490751. 476. Pakistan. Rodale Research Center, Kutztown, Pennsylvania. RRC 1004. Plants lodge. Received as *A. quitensis*. Seed.

490752 TO 490759. *Amaranthus hypochondriacus* L. (Amaranthaceae).

From Peru. Donated by Sumar K., L.; Programa de Investigacion *Amaranthus*, Universidad Nacional San Antonio Abad Del Cusco; Cusco. Received through Rodale Research Center, Kutztown, PA.
Received May 1984.

490752. 080. Guatemala. Collected by M. Tapia. Seed.
490753. 109. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 541. Collected by L.E. Carney. Seed.
490754. 474. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 718. Oaxaca. Collected by L.F. Dudley and C.S. Kauffman, LFD/CSK 120. Bulk collection. Seed.
490755. 475. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 723. Oaxaca. Collected by L.F. Dudley and C.S. Kauffman, LFD/CSK 125. Bulk collection. Seed.
490756. 477. India. Rodale Research Center, Kutztown, Pennsylvania. RRC 1024. Uttar Pradesh. Collected by S.K.

490752 TO 490759-continued

Jain. Cultivated. Seed.

490757. 479. Rodale Research Center, Kutztown, Pennsylvania. RRC 674. Collected by R. Carlsson. Spikes early, distinctive. Seed.

490758. 482. Mexico. Rodale Research Center, Kutztown, Pennsylvania. RRC 1023 (362). Collected by D. Early. Seed.

490759. 484. Nepal. Rodale Research Center, Kutztown, Pennsylvania. RRC 251. Patra Sanghu. Collected by S.N. Lohani, NA 6009 (77). Seed.

490760 TO 490761. *Amaranthus* sp. (Amaranthaceae).

From Peru. Donated by Sumar K., L.; Programa de Investigacion *Amaranthus*, Universidad Nacional San Antonio Abad Del Cusco; Cusco. Received through Rodale Research Center, Kutztown, PA.
Received May 1984.

490760. 079. Guatemala. Collected by M. Tapia. Seed.

490761. 081. Nepal. Collected by M. Tapia. Seed.

490762 TO 490764. *Amaranthus tricolor* L. (Amaranthaceae).

From Peru. Donated by Sumar K., L.; Programa de Investigacion *Amaranthus*, Universidad Nacional San Antonio Abad Del Cusco; Cusco. Received through Rodale Research Center, Kutztown, PA.
Received May 1984.

490762. 127. India. Rodale Research Center, Kutztown, Pennsylvania. RRC 77. Originally from AVRDC, Tainan, Taiwan, 74-32. Collected by C. Kauffman. Seed.

490763. 129. Lalsag Bhaji. India. Rodale Research Center, Kutztown, Pennsylvania. RRC 389. Plants all red. Cultivar. Seed.

490764. 130. India. Rodale Research Center, Kutztown, Pennsylvania. RRC 410. Originally from Ganesh Bag Nursery, Dudhvinayak, Varnaasi. Plants all red, distinctive. Cultivated. Seed.

490765 TO 490769. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Institute of Crop Breeding and Cultivation, Hebei Academy of Agricultural

490765 TO 490769-continued

Sciences; Shijiazhuang, Hebei Province.

Received July 1984.

- 490765. Dahedou. China, Peoples Repub of. Local type. Seeds blond. Cultivar. Seed.
- 490766. Dawudou. China, Peoples Repub of. Local type. Seeds black. Cultivar. Seed.
- 490767. Jidou No. 1. China, Peoples Repub of. Cultivar. Seed.
- 490768. Raoshangun. China, Peoples Repub of. Local type. Seeds round. Cultivar. Seed.
- 490769. Yixianheidou. China, Peoples Repub of. Local type. Seeds black. Possibly resistant to cyst nematode. Cultivar. Seed.

490770 TO 490771. *Vigna unguiculata* subsp. *sesquipedalis* (L.) Verdc. (Fabaceae) Yard-long bean.

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received July 1984.

- 490770. Huang Hua Qing Ai Jiang Dou. China, Peoples Repub of. Bush to semi-pole type. Maturity 75 days. Pods 20 x 0.67cm. Seeds light-medium green. Cultivated. Seed.
- 490771. Wu yue xian Ai Jiang Dou. China, Peoples Repub of. Bush to semi-pole type. Maturity 71 days. Pods light-medium green, medium long, flattened globe shape in cross section. Seeds purple. Cultivated. Seed.

490772 TO 490775. *Zea mays* L. (Poaceae) Field corn.

From Bulgaria. Donated by Institute of Introduction and Genetic Resources; Sadovo, Plovdiv. Received through 1983-84 increase by CIMMYT, Mexico, D.F., Mexico.
Received March 1984.

- 490772. 3230. Bulgaria. Plants 130-140cm tall. Days to silking 53. Ears 12-14 rowed. Seeds flint type, yellow. Primitive Cultivar. Seed.
- 490773. 3182. Bulgaria. Plants 200-220cm tall. Days to silking 54. Ears 10-12 rowed. Seeds dent type, yellow. Primitive Cultivar. Seed.
- 490774. 5491. Bulgaria. Plants 180-200cm tall. Days to silking

490772 TO 490775-continued

61. Ears 16-19 rowed. Seeds semi-dent type, red.
Primitive Cultivar. Seed.

490775. 6533. Bulgaria. Plants 230-250cm tall. Days to silking
68. Ears 10-12 rowed. Seeds flint type, yellow. Primitive
Cultivar. Seed.

490776 TO 490782. Zea mays L. (Poaceae) Popcorn.

From Bulgaria. Donated by Institute of Introduction and Genetic
Resources; Sadovo, Plovdiv. Received through 1983-84
increase by CIMMYT, Mexico, D.F., Mexico.
Received March 1984.

490776. 5493. Bulgaria. Plants 210-230cm tall. Days to silking
72. Ears 14-16 rowed. Seeds white. Primitive Cultivar.
Seed.

490777. 5507. Bulgaria. Plants 190-210cm tall. Days to silking
62. Ears 16-18 rowed. Seeds red. Primitive Cultivar. Seed.

490778. 5536. Bulgaria. Plants 250-270cm tall. Days to silking
53. Ears 12 rowed. Seeds flint type, white. Primitive
Cultivar. Seed.

490779. 5539. Bulgaria. Plants 160-170cm tall. Days to silking
58. Ears 14-16 rowed. Seeds white. Primitive Cultivar.
Seed.

490780. 5565. Bulgaria. Plants 140-160cm tall. Days to silking
55. Ears 12-14 rowed. Seeds flint type, yellow. Primitive
Cultivar. Seed.

490781. 5591. Bulgaria. Plants 200-220cm tall. Days to silking
60. Ears 12-14 rowed. Seeds flint type, purple and yellow.
Primitive Cultivar. Seed.

490782. 5947. Bulgaria. Plants 160-190cm tall. Days to silking
64. Ears 14-16 rowed. Seeds yellow. Primitive Cultivar.
Seed.

490783. Oryza nivara Sharma & Shastri (Poaceae).

From United States. Donated by Rice Production and Weed Control
Research, USDA-ARS; Stuttgart, Arkansas.
Received August 1984.

UA 1012. Philippines. Manila. IRRI. IRRI 101382.
Cultivated. Seed.

490784 TO 490788. *Oryza sativa* L. (Poaceae) Rice.

From United States. Donated by Rice Production and Weed Control Research, USDA-ARS; Stuttgart, Arkansas.
Received August 1984.

- 490784. UA 1006. Philippines. Manila. IRRI. IRRI 15788. K8 (mutant) selection. Cultivated. Seed.
- 490785. UA 1008. IR4422-09-3-6-1. Philippines. Manila. IRRI. IRRI 39384. Cultivated. Seed.
- 490786. UA 1037. IR4422-09-3-6-1. Philippines. Manila. IRRI. HB 717. Cultivated. Seed.
- 490787. UA 1041. Nigeria. Ibadan. IITA. Khaolo/IR-8-43. Cultivated. Seed.
- 490788. UA 1042. Nigeria. Ibadan. IITA. Khaolo/IR-8-48. Cultivated. Seed.

490789 TO 490807. *Oryza sativa* L. (Poaceae) Upland rice.

From United States. Donated by Rice Production and Weed Control Research, USDA-ARS; Stuttgart, Arkansas.
Received August 1984.

- 490789. UA 1038. Nigeria. Ibadan. IITA. F3 bulk. Cultivated. Seed.
- 490790. UA 1039. Nigeria. Ibadan. IITA. Cultivated. Seed.
- 490791. UA 1043. Nigeria. Ibadan. IITA. Tox 1337ASB. Cultivated. Seed.
- 490792. UA 1044. Nigeria. Ibadan. IITA. Tox 177-1-2-B. Cultivated. Seed.
- 490793. UA 1046. Nigeria. Ibadan. IITA. Tox 503-13-SLR-B. Cultivated. Seed.
- 490794. UA 1047. Nigeria. Ibadan. IITA. Tox 503-29-3B. Cultivated. Seed.
- 490795. UA 1048. Nigeria. Ibadan. IITA. Tox 718A1B22. Cultivated. Seed.
- 490796. UA 1049. Nigeria. Ibadan. IITA. Tox 782-20-1. Cultivated. Seed.
- 490797. UA 1050. Nigeria. Ibadan. IITA. Tox 1010-23-B. Cultivated. Seed.

490789 TO 490807-continued

- 490798. UA 1051. Nigeria. Ibadan. IITA. Tox 1011-M-B. Cultivated. Seed.
- 490799. UA 1053. Nigeria. Ibadan. IITA. Tox 1177-41-B. Cultivated. Seed.
- 490800. UA 1059. Nigeria. Ibadan. IITA. Tox 1369-15-SB. Cultivated. Seed.
- 490801. UA 1060. Nigeria. Ibadan. IITA. Tox 1369-18-SB. Cultivated. Seed.
- 490802. UA 1060-1. Nigeria. Ibadan. IITA. Tox 1369-18-SB. Cultivated. Seed.
- 490803. UA 1061. Nigeria. Ibadan. IITA. Tox 1369-20-B. Cultivated. Seed.
- 490804. UA 1061-1. Nigeria. Ibadan. IITA. Tox 1369-20-B. Cultivated. Seed.
- 490805. UA 1063. Nigeria. Ibadan. IITA. Tox 1417-17-SB. Cultivated. Seed.
- 490806. UA 1064. Nigeria. Ibadan. IITA. Tox 1785F19EN18. Cultivated. Seed.
- 490807. UA 1071. Nigeria. Ibadan. IITA. Tox 103843. Cultivated. Seed.

490808 TO 490991. Zea mays L. (Poaceae) Field corn.

From Mexico. Donated by CIMMYT; Mexico, D.F. Received through Pioneer HiBred International, Inc., Dept. of Corn Breeding, Homestead, FL. Received August 1984.

- 490808. Argentina GP2. Argentina. Cultivated. Seed.
- 490809. Brasil 63. Brazil. Cultivated. Seed.
- 490810. Brasil 64. Brazil. Cultivated. Seed.
- 490811. Brasil 555. Brazil. Cultivated. Seed.
- 490812. Brasil 557. Brazil. Cultivated. Seed.
- 490813. Brasil 2785. Brazil. Cultivated. Seed.
- 490814. Brasil 2799. Brazil. Cultivated. Seed.

490808 TO 490991-continued

- 490815. Brasil 2827. Brazil. Cultivated. Seed.
- 490816. Santa Catarina GP1. Brazil. Santa Catarina. Cultivated. Seed.
- 490817. R.G.S. GP4. Brazil. Rio Grande do Sul. Cultivated. Seed.
- 490818. Rio G.S. GP7. Brazil. Rio Grande do Sul. Cultivated. Seed.
- 490819. Rio G.S. GP16. Brazil. Rio Grande do Sul. Cultivated. Seed.
- 490820. Sao Paula GP1. Brazil. Sao Paulo. Cultivated. Seed.
- 490821. Sao Paulo GP9. Brazil. Sao Paulo. Cultivated. Seed.
- 490822. Sao Paulo GP11. Brazil. Sao Paulo. Cultivated. Seed.
- 490823. Cuba 63. Cuba. Cultivated. Seed.
- 490824. El Salvador GP2A. El Salvador. Cultivated. Seed.
- 490825. Guatemala 110. Guatemala. Cultivated. Seed.
- 490826. Guatemala 145. Guatemala. Cultivated. Seed.
- 490827. Guatemala 146. Guatemala. Cultivated. Seed.
- 490828. Campeche 4. Mexico. Campeche. Cultivated. Seed.
- 490829. Campeche 16. Mexico. Campeche. Cultivated. Seed.
- 490830. Campeche 22C. Mexico. Campeche. Cultivated. Seed.
- 490831. Campeche 36C. Mexico. Campeche. Cultivated. Seed.
- 490832. Campeche 38C. Mexico. Campeche. Cultivated. Seed.
- 490833. Campeche 42C. Mexico. Campeche. Cultivated. Seed.
- 490834. Campeche 53. Mexico. Campeche. Cultivated. Seed.
- 490835. Campeche GP2. Mexico. Campeche. Cultivated. Seed.
- 490836. Campeche GP3. Mexico. Campeche. Cultivated. Seed.
- 490837. Campeche GP4. Mexico. Campeche. Cultivated. Seed.
- 490838. Campeche GP8. Mexico. Campeche. Cultivated. Seed.
- 490839. Campeche GP10. Mexico. Campeche. Cultivated. Seed.

490808 TO 490991-continued

- 490840. Chihuahua 2. Mexico. Chihuahua. Cultivated. Seed.
- 490841. Chihuahua 14. Mexico. Chihuahua. Cultivated. Seed.
- 490842. Chihuahua 15. Mexico. Chihuahua. Cultivated. Seed.
- 490843. Chihuahua 18. Mexico. Chihuahua. Cultivated. Seed.
- 490844. Chihuahua 19. Mexico. Chihuahua. Cultivated. Seed.
- 490845. Chihuahua 20. Mexico. Chihuahua. Cultivated. Seed.
- 490846. Chihuahua 22. Mexico. Chihuahua. Cultivated. Seed.
- 490847. Chihuahua 25. Mexico. Chihuahua. Cultivated. Seed.
- 490848. Chihuahua 30. Mexico. Chihuahua. Cultivated. Seed.
- 490849. Chihuahua 34. Mexico. Chihuahua. Cultivated. Seed.
- 490850. Chihuahua 40. Mexico. Chihuahua. Cultivated. Seed.
- 490851. Chihuahua 41. Mexico. Chihuahua. Cultivated. Seed.
- 490852. Chihuahua 43. Mexico. Chihuahua. Cultivated. Seed.
- 490853. Chihuahua 55. Mexico. Chihuahua. Cultivated. Seed.
- 490854. Chihuahua 68. Mexico. Chihuahua. Cultivated. Seed.
- 490855. Chihuahua 72. Mexico. Chihuahua. Cultivated. Seed.
- 490856. Chihuahua 73. Mexico. Chihuahua. Cultivated. Seed.
- 490857. Chihuahua GP1. Mexico. Chihuahua. Cultivated. Seed.
- 490858. Chihuahua GP3. Mexico. Chihuahua. Cultivated. Seed.
- 490859. Chihuahua GP5. Mexico. Chihuahua. Cultivated. Seed.
- 490860. Chihuahua GP6. Mexico. Chihuahua. Cultivated. Seed.
- 490861. Chihuahua GP10. Mexico. Chihuahua. Cultivated. Seed.
- 490862. Chihuahua GP11. Mexico. Chihuahua. Cultivated. Seed.
- 490863. Chihuahua GP12. Mexico. Chihuahua. Cultivated. Seed.
- 490864. Chihuahua GP13. Mexico. Chihuahua. Cultivated. Seed.
- 490865. Chihuahua GP16. Mexico. Chihuahua. Cultivated. Seed.

490808 TO 490991-continued

- 490866. Chihuahua GP19. Mexico. Chihuahua. Cultivated. Seed.
- 490867. Chihuahua GP20. Mexico. Chihuahua. Cultivated. Seed.
- 490868. Coahuila 7. Mexico. Coahuila. Cultivated. Seed.
- 490869. Coahuila 19. Mexico. Coahuila. Cultivated. Seed.
- 490870. Coahuila 36. Mexico. Coahuila. Cultivated. Seed.
- 490871. Coahuila 53. Mexico. Coahuila. Cultivated. Seed.
- 490872. Coahuila 67. Mexico. Coahuila. Cultivated. Seed.
- 490873. Coahuila GP2. Mexico. Coahuila. Cultivated. Seed.
- 490874. Coahuila GP6. Mexico. Coahuila. Cultivated. Seed.
- 490875. Coahuila MEZCLA. Mexico. Coahuila. Cultivated. Seed.
- 490876. Colima 16. Mexico. Colima. Cultivated. Seed.
- 490877. Colima 24. Mexico. Colima. Cultivated. Seed.
- 490878. Guanajuato 9. Mexico. Colima. Cultivated. Seed.
- 490879. Guanajuato 13. Mexico. Guanajuato. Cultivated. Seed.
- 490880. Guanajuato 95. Mexico. Guanajuato. Cultivated. Seed.
- 490881. Guanajuato 99. Mexico. Guanajuato. Cultivated. Seed.
- 490882. Guanajuato GP3. Mexico. Guanajuato. Cultivated. Seed.
- 490883. Jalisco 1. Mexico. Jalisco. Cultivated. Seed.
- 490884. Jalisco 8. Mexico. Jalisco. Cultivated. Seed.
- 490885. Jalisco 12. Mexico. Jalisco. Cultivated. Seed.
- 490886. Jalisco 13. Mexico. Jalisco. Cultivated. Seed.
- 490887. Jalisco 15. Mexico. Jalisco. Cultivated. Seed.
- 490888. Jalisco 24. Mexico. Jalisco. Cultivated. Seed.
- 490889. Jalisco 28A. Mexico. Jalisco. Cultivated. Seed.
- 490890. Jalisco 38. Mexico. Jalisco. Cultivated. Seed.
- 490891. Jalisco 45. Mexico. Jalisco. Cultivated. Seed.

490808 TO 490991-continued

490892. Jalisco 46. Mexico. Jalisco. Cultivated. Seed.
490893. Jalisco 59. Mexico. Jalisco. Cultivated. Seed.
490894. Jalisco 80. Mexico. Jalisco. Cultivated. Seed.
490895. Jalisco 89. Mexico. Jalisco. Cultivated. Seed.
490896. Jalisco 124. Mexico. Jalisco. Cultivated. Seed.
490897. Jalisco 179. Mexico. Jalisco. Cultivated. Seed.
490898. Jalisco 187. Mexico. Jalisco. Cultivated. Seed.
490899. Jalisco 190. Mexico. Jalisco. Cultivated. Seed.
490900. Jalisco 191. Mexico. Jalisco. Cultivated. Seed.
490901. Jalisco 192. Mexico. Jalisco. Cultivated. Seed.
490902. Jalisco 195. Mexico. Jalisco. Cultivated. Seed.
490903. Jalisco 223. Mexico. Jalisco. Cultivated. Seed.
490904. Jalisco 239. Mexico. Jalisco. Cultivated. Seed.
490905. Jalisco 261. Mexico. Jalisco. Cultivated. Seed.
490906. Jalisco GP19. Mexico. Jalisco. Cultivated. Seed.
490907. Jalisco GP20. Mexico. Jalisco. Cultivated. Seed.
490908. Jalisco GP22. Mexico. Jalisco. Cultivated. Seed.
490909. Jalisco GP25B. Mexico. Jalisco. Cultivated. Seed.
490910. Jalisco GP26. Mexico. Jalisco. Cultivated. Seed.
490911. Jalisco GP27. Mexico. Jalisco. Cultivated. Seed.
490912. Jalisco GP38. Mexico. Jalisco. Cultivated. Seed.
490913. Jalisco GP42. Mexico. Jalisco. Cultivated. Seed.
490914. Jalisco GP47. Mexico. Jalisco. Cultivated. Seed.
490915. Jalisco GP51. Mexico. Jalisco. Cultivated. Seed.
490916. Jalisco GP58. Mexico. Jalisco. Cultivated. Seed.
490917. Jalisco GP64. Mexico. Jalisco. Cultivated. Seed.

490808 TO 490991-continued

490918. Jalisco GP65. Mexico. Jalisco. Cultivated. Seed.
490919. Jalisco GP68. Mexico. Jalisco. Cultivated. Seed.
490920. Nayarit 4. Mexico. Nayarit. Cultivated. Seed.
490921. Nayarit 15. Mexico. Jalisco. Cultivated. Seed.
490922. Nayarit 25. Mexico. Nayarit. Cultivated. Seed.
490923. Nayarit 53. Mexico. Nayarit. Cultivated. Seed.
490924. Nayarit 59. Mexico. Nayarit. Cultivated. Seed.
490925. Nayarit 67. Mexico. Nayarit. Cultivated. Seed.
490926. Nayarit GP1. Mexico. Nayarit. Cultivated. Seed.
490927. Nayarit GP2. Mexico. Nayarit. Cultivated. Seed.
490928. Nayarit GP4. Mexico. Nayarit. Cultivated. Seed.
490929. Nayarit GP6. Mexico. Nayarit. Cultivated. Seed.
490930. Nuevo Leon 5. Mexico. Nayarit. Cultivated. Seed.
490931. Nuevo Leon GP5. Mexico. Nayarit. Cultivated. Seed.
490932. Nuevo Leon GP7. Mexico. Nuevo. Cultivated. Seed.
490933. Oaxaca 9. Mexico. Oaxaca. Cultivated. Seed.
490934. Puebla 210. Mexico. Jalisco. Cultivated. Seed.
490935. Puebla 219. Mexico. Jalisco. Cultivated. Seed.
490936. Puebla GP1. Mexico. Oaxaca. Cultivated. Seed.
490937. Puebla GP3. Mexico. Oaxaca. Cultivated. Seed.
490938. Puebla GP25. Mexico. Oaxaca. Cultivated. Seed.
490939. Puebla GP27. Mexico. Oaxaca. Cultivated. Seed.
490940. San-Luis Potosi 5. Mexico. San-Luis Potosi. Cultivated.
Seed.
490941. San-Luis Potosi 9. Mexico. San-Luis Potosi. Cultivated.
Seed.
490942. San-Luis Potosi 12. Mexico. San-Luis Potosi. Cultivated.
Seed.

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490943. San-Luis Potosi 14. Mexico. San-Luis Potosi. Cultivated.
Seed.
490944. San-Luis Potosi 19. Mexico. San-Luis Potosi. Cultivated.
Seed.
490945. San-Luis Potosi 22. Mexico. San-Luis Potosi. Cultivated.
Seed.
490946. San-Luis Potosi 24. Mexico. San-Luis Potosi. Cultivated.
Seed.
490947. San-Luis Potosi 42. Mexico. San-Luis Potosi. Cultivated.
Seed.
490948. San-Luis Potosi 46. Mexico. San-Luis Potosi. Cultivated.
Seed.
490949. San-Luis Potosi 61. Mexico. San-Luis Potosi. Cultivated.
Seed.
490950. San-Luis Potosi 63. Mexico. San-Luis Potosi. Cultivated.
Seed.
490951. San-Luis Potosi 72. Mexico. San-Luis Potosi. Cultivated.
Seed.
490952. San-Luis Potosi 73. Mexico. San-Luis Potosi. Cultivated.
Seed.
490953. San-Luis Potosi 80. Mexico. San-Luis Potosi. Cultivated.
Seed.
490954. San-Luis Potosi 105. Mexico. San-Luis Potosi. Cultivated.
Seed.
490955. San-Luis Potosi 118. Mexico. San-Luis Potosi. Cultivated.
Seed.
490956. San-Luis Potosi GP2. Mexico. San-Luis Potosi. Cultivated.
Seed.
490957. San-Luis Potosi GP3. Mexico. San-Luis Potosi. Cultivated.
Seed.
490958. San-Luis Potosi GP5. Mexico. San-Luis Potosi. Cultivated.
Seed.
490959. San-Luis Potosi GP6. Mexico. San-Luis Potosi. Cultivated.
Seed.
490960. San-Luis Potosi GP7. Mexico. San-Luis Potosi. Cultivated.

490808 TO 490991-continued

Seed.

- 490961. San-Luis Potosi GP9. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490962. San-Luis Potosi GP10. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490963. San-Luis Potosi GP11. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490964. San-Luis Potosi GP12. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490965. San-Luis Potosi GP15. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490966. San-Luis Potosi GP17. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490967. San-Luis Potosi MEZC. Mexico. San-Luis Potosi. Cultivated. Seed.
- 490968. Sonora 32. Mexico. Sonora. Cultivated. Seed.
- 490969. Sonora 37. Mexico. Sonora. Cultivated. Seed.
- 490970. Sonora 38. Mexico. Sonora. Cultivated. Seed.
- 490971. Sonora 43. Mexico. Sonora. Cultivated. Seed.
- 490972. Sonora 51. Mexico. Sonora. Cultivated. Seed.
- 490973. Sonora 57. Mexico. Sonora. Cultivated. Seed.
- 490974. Sonora GP2. Mexico. Sonora. Cultivated. Seed.
- 490975. Sonora GP3. Mexico. Sonora. Cultivated. Seed.
- 490976. Sonora GP6B. Mexico. Sonora. Cultivated. Seed.
- 490977. Sonora GP7. Mexico. Sonora. Cultivated. Seed.
- 490978. Sonora GP11. Mexico. Sonora. Cultivated. Seed.
- 490979. Sonora GP13A. Mexico. Sonora. Cultivated. Seed.
- 490980. Tamaulipas 2. Mexico. Tamaulipas. Cultivated. Seed.
- 490981. Tamaulipas 24. Mexico. Tamaulipas. Cultivated. Seed.
- 490982. Tamaulipas 25. Mexico. Tamaulipas. Cultivated. Seed.

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490983. Tamaulipas 39. Mexico. Tamaulipas. Cultivated. Seed.
490984. Tamaulipas 41. Mexico. Tamaulipas. Cultivated. Seed.
490985. Tamaulipas GP4. Mexico. Tamaulipas. Cultivated. Seed.
490986. Queretaro 50. Mexico. Queretaro. Cultivated. Seed.
490987. Paraguay GP1. Paraguay. Cultivated. Seed.
490988. Paraguay GP2. Paraguay. Cultivated. Seed.
490989. Venezuela 408. Venezuela. Cultivated. Seed.
490990. Venezuela 647. Venezuela. Cultivated. Seed.
490991. Venezuela 650. Venezuela. Cultivated. Seed.

490992. *Allium ampeloprasum* L. (Amaryllidaceae) Leek.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

WP 058. Turkey. Collected June 24, 1982. Nigde. 1170m.
Local type. Received as *A. porri*. Landrace. Seed.

490993. *Beta vulgaris* L. (Chenopodiaceae) Swiss chard.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

WP 050. Turkey. Collected June 22, 1982. Reyhonli, 43km
E of Antakya. 180m. Local type. Local name Pazi (swiss
chard). Received as *B. vulgaris* var. *cyla*. Cultivated.
Seed.

490994. *Capsicum annum* L. (Solanaceae).

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

490994-continued

WP 212. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44690. Collected July 29, 1982. Bekcler Village, Altinyayla, Mugla Province. 1220m. Collected by T. Bas 290782 8-3. Seeds flat, yellowish. Wild. Seed.

490995 TO 490996. *Cucumis melo* L. (Cucurbitaceae) Honeydew.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

490995. WP 004. Turkey. Collected June 11, 1982. Torbati-Izmir, 45km S of Izmir. Local type. Possibly casaba type. Cultivated. Seed.

490996. WP 056. Turkey. Collected June 24, 1982. Nigde. 1170m. Local type. Snake melon, used as cucumber. Received as *Cucumis melo* var. *flexuosus*. Cultivated. Seed.

490997. *Cucumis sativus* L. (Cucurbitaceae) Cucumber.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

WP 055. Collected June 24, 1982. Nigde. 1170m. Local type. Cultivated. Seed.

490998. *Gerbera* sp. (Asteraceae).

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

WP 005. Turkey. Collected June 11, 1982. Commercial greenhouse, SW of Izmir. Seed obtained from grower. Flower color varied. Some virus infestation. Cultivated. Seed.

490999 TO 491001. *Lactuca saligna* L. (Asteraceae).

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.;

490999 TO 491001-continued

USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

- 490999.** WP 185. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44663. Collected July 28, 1982. Northwest, 6km of Selimiye, Mugla Province. 110m. Collected by T. Bas 280782 8-2. Seeds mixed with *Lactuca serriola*, brown. Wild. Seed.
- 491000.** WP 222A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44700. Collected July 31, 1982. Aydinlar Village, S of Honaz, Denizli Province. 900m. Collected by T. Bas 310782 1-1. Seeds black. Wild. Seed.
- 491001.** WP 230. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44709. Collected August 03, 1982. ARARI field, Menemen, Izmir Province. 10m. Collected by T. Bas 030882 1-1. Seeds mixed with *Lactuca serriola*, brown. Wild. Seed.

491002 TO 491087. *Lactuca sativa* L. (Asteraceae) Lettuce.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

- 491002.** WP 001. Turkey. Collected June 11, 1982. Market, Cumaovasi, 20km SW of Izmir. Leafy type. Seeds white. Local name Marul. Cultivated. Seed.
- 491003.** WP 001A. Turkey. Collected June 11, 1982. Market, Cumaovasi, 20km SW of Izmir. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
- 491004.** WP 002. Turkey. Collected June 11, 1982. Market, Cumaovasi, 20km SW of Izmir. Probably a Romaine type. Seeds black. Local name Marul. Cultivated. Seed.
- 491005.** WP 003. Turkey. Collected June 11, 1982. Market, Cumaovasi, 20km SW of Izmir. Seeds white with small proportion of black. Local name Marul. Cultivated. Seed.
- 491006.** WP 006. Turkey. Collected June 15, 1982. Soke, Aydin Province. 50m. Romaine type. Plants vigorous. Seeds white. Lettuce mosaic virus present. Local name Marul. Cultivated. Seed.
- 491007.** WP 010. Turkey. Collected June 16, 1982. Gocek, 24km N

491002 TO 491087-continued

- of Fethiye, Mugla Province. 30m. Romaine type. Seeds black. No virus present. Downy mildew present. Local name Marul. Cultivated. Seed.
491008. WP 011. Turkey. Collected June 16, 1982. Gocek, 24km N of Fethiye, Mugla Province. 30m. Romaine type. Seeds white. No virus present. Downy mildew present. Local name Marul. Cultivated. Seed.
491009. WP 012. Turkey. Collected June 16, 1982. Backyard garden, Dalaman, Mugla Province. Romaine type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491010. WP 013. Turkey. Collected June 16, 1982. Yeslikoy, 28km S of Esen. Donated by forestry official. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491011. WP 014. Turkey. Collected June 16, 1982. Karagedik, 1 km N of Fethiye. 40m. Romaine type. Seeds white. No virus present. Local name Marul. Cultivated. Seed.
491012. WP 014A. Turkey. Collected June 16, 1982. Karagedik, 1 km N of Fethiye. 40m. Romaine type. Seeds white. No virus present. Local name Marul. Cultivated. Seed.
491013. WP 015. Turkey. Collected June 16, 1982. Karagedik, 1 km N of Fethiye. 40m. Romaine type. Seeds black. Local name Marul. Cultivated. Seed.
491014. WP 016. Turkey. Collected June 17, 1982. Argullu, 3km E of Kas. 180m. Leafy type. Seeds black. No diseases present. Local name Marul. Cultivated. Seed.
491015. WP 017. Turkey. Collected June 17, 1982. Argullu, 3km E of Kas. 180m. Romaine type. Seeds black. No diseases present. Local name Marul. Cultivated. Seed.
491016. WP 018. Turkey. Collected June 17, 1982. Kumluca, 90km SW of Antalya. 20m. Leafy type. Seeds black. No virus present. Downy mildew present. Local name Marul. Cultivated. Seed.
491017. WP 019. Turkey. Collected June 17, 1982. Kumluca, 90km SW of Antalya. 20m. Romaine type. Seeds white. No virus present. Downy mildew present. Local name Marul. Cultivated. Seed.
491018. WP 020. Turkey. Collected June 18, 1982. Antalya. 20m. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491019. WP 022. Yedikule. Turkey. Aksu. Vegetable Research

491002 TO 491087-continued

- Institute. Collected June 18, 1982. East, 16km of Antalya, Antalya Province. Romaine type. Seeds white. Local name Marul. Cultivar. Seed.
491020. WP 023. Yedikule. Turkey. Aksu. Vegetable Research Institute. Collected June 18, 1982. East, 16km of Antalya, Antalya Province. Romaine type. Seed color mixed. Local name Marul. Cultivar. Seed.
491021. WP 024. Turkey. Collected June 18, 1982. Garden, Serik, Antalya Province. Romaine type. Seeds white. Lettuce mosaic virus present. Local name Marul. Cultivated. Seed.
491022. WP 025. Turkey. Collected June 18, 1982. Garden, Serik, Antalya Province. Romaine type. Seeds black. Lettuce mosaic virus present. Local name Marul. Cultivated. Seed.
491023. WP 026. Turkey. Collected June 18, 1982. Incekum. 6m. Romaine type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491024. WP 027. Turkey. Collected June 19, 1982. Mahmutlai, Alanya. Romaine type. Seeds white. No diseases present. Plants adapted to sandy soils. Local name Marul. Cultivated. Seed.
491025. WP 028A. Turkey. Collected June 19, 1982. Fenokrum, Santigsi. Romaine type. Seeds black. Local name Marul. Cultivated. Seed.
491026. WP 029. Turkey. Collected June 19, 1982. Anamur. Romaine type. Seeds black. No diseases present. Local name Marul. Cultivated. Seed.
491027. WP 030. Turkey. Collected June 19, 1982. Anamur. 80m. Leafy type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491028. WP 030A. Turkey. Collected June 19, 1982. Anamur. 80m. Leafy type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491029. WP 030B. Turkey. Collected June 19, 1982. Anamur. 80m. Romaine type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491030. WP 031. Turkey. Collected June 19, 1982. Anamur. Romaine type. Seeds white. No diseases present. Cultivated. Seed.
491031. WP 032. Turkey. Collected June 19, 1982. Anamur. Prizehead type. Romaine type. Plants red. Seeds black. No diseases present. Local name Marul. Cultivated. Seed.

491002 TO 491087-continued

491032. WP 033. Turkey. Collected June 19, 1982. Qvicik, 50km SW of Silifke. 30m. Romaine type. Seeds white. No virus present. Local name Marul. Cultivated. Seed.
491033. WP 034. Turkey. Collected June 20, 1982. Kocahasanli, 42km NE of Silifke. 10m. Romaine type. Seeds white. Lettuce mosaic virus present. Local name Marul. Cultivated. Seed.
491034. WP 038. Turkey. Collected June 20, 1982. Service station, Kizkaleu, Silifke. Romaine type. Seeds white. Immediate bolting. No virus present. Local name Marul. Wild. Seed.
491035. WP 040. Turkey. Collected June 21, 1982. Baltacilar, Antakya. Romaine type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491036. WP 044. Turkey. Collected June 21, 1982. Asagi Okculan, S of Antakya. Romaine type. Seeds white. No virus present. Local name Marul. Cultivated. Seed.
491037. WP 045. Turkey. Collected June 21, 1982. Asagi Okculan, S of Antakya. Romaine type. Seeds white. No virus present. Local name Marul. Cultivated. Seed.
491038. WP 046. Turkey. Collected June 21, 1982. Harbye, S of Antakya. Romaine type. Plants excellent. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491039. WP 047. Turkey. Collected June 22, 1982. Hatay, D.V.C., Antakya. Romaine type. Seeds white. No virus present. Downy mildew present. Local name Marul. Cultivated. Seed.
491040. WP 049. Turkey. Collected June 22, 1982. Reyhauri, 43km E of Antakya. 180m. Romaine type. Seeds white. Virus and downy mildew present. Local name Marul. Cultivated. Seed.
491041. WP 053. Turkey. Collected June 22, 1982. Guoenc, 25km N of Kirikhan. Romaine type. Seeds black. No virus present. Cultivated. Seed.
491042. WP 054. Turkey. Collected June 23, 1982. Nigde. 1170m. Local romaine type. Seeds white. Cultivated. Seed.
491043. WP 054A. Turkey. Collected June 23, 1982. Nigde. 1170m. Local romaine type. Seeds white. Cultivated. Seed.
491044. WP 054B. Turkey. Collected June 23, 1982. Nigde. 1170m. Local romaine type. Seeds white. Cultivated. Seed.
491045. WP 059. Turkey. Collected June 24, 1982. Salihli, 100km

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- E of Izmir. 120m. Romaine type. Seeds white. No diseases present. Local name Marul. Cultivated. Seed.
491046. WP 060. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Gaziantep. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491047. WP 061. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Kalis, Gaziantep. Romaine type. Seed color mixed. Local name Marul. Cultivated. Seed.
491048. WP 062. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Nazip, S of Gaziantep. Romaine type. Seeds white. Cultivated. Seed.
491049. WP 063. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Gaziantep. Romaine type. Seeds white. Local name Burmali marul. Cultivated. Seed.
491050. WP 064. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Diyarbakir. Romaine type. Seeds white. Local name Gobekli marul. Cultivated. Seed.
491051. WP 065. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Siverch, NE of Urfa. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491052. WP 066. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Birecik, SW of Urfa. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491053. WP 067. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Halfeti, W of Urfa. Romaine type. Seeds black. Local name Gobehli marul. Cultivated. Seed.
491054. WP 068. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Hatay, Antakya. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491055. WP 069. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Malatya. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491056. WP 070. Turkey. Menemen-Izmir. Aegean Regional Agr.

491002 TO 491087-continued

- Research Institute. Collected June 25, 1982. Karaman, SE of Kenya. Romaine type. Some plants with split panicles. Seeds white. Local name Black marul. Cultivated. Seed.
491057. WP 071. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Inencu, SW of Kayseri. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491058. WP 072. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Beypazari, SW of Ankara. Leafy type. Seeds black. Local name Kivir. Cultivated. Seed.
491059. WP 073. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Kastamona. Romaine type. Seeds black. Local name Black marul. Cultivated. Seed.
491060. WP 074. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Kastamona. Romaine type. Seeds white. Local name Gobehli marul. Cultivated. Seed.
491061. WP 075. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Duzce, NW of Bolow. Leafy type. Petals reflexed. Seeds white. Local name Kivircik marul. Cultivated. Seed.
491062. WP 075A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Duzce, NW of Bolow. Leafy type. Seeds white. Local name Kivircik marul. Cultivated. Seed.
491063. WP 076. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Ovasaray, near Corum. Leafy type. Petals reflexed. Seeds black. Local name Kivircik marul. Cultivated. Seed.
491064. WP 076A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Ovasaray, near Corum. Leafy type. Petals reflexed. Seeds black. Local name Kivircik marul. Cultivated. Seed.
491065. WP 077. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Zonguldak. Romaine type. Seeds black. Local name Marul. Cultivated. Seed.
491066. WP 078. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Carsamba, SE of Samsun. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.

491002 TO 491087-continued

491067. WP 079. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Samsun. Leafy type. Seeds black. Local name Kivircik marul. Cultivated. Seed.
491068. WP 079A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Samsun. Leafy type. Seeds black. Local name Kivircik marul. Cultivated. Seed.
491069. WP 080. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Samsun. Seeds white. Local name Marul. Cultivated. Seed.
491070. WP 081. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Alacan, NW of Samsun. Leafy type. Seeds white. Local name Marul. Cultivated. Seed.
491071. WP 082. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Terme, E of Samsun. Leafy type. Seeds black. Local name Marul. Cultivated. Seed.
491072. WP 083. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Samsun. Leafy type. Seeds black. Local name Kara marul. Cultivated. Seed.
491073. WP 084. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Amasya. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491074. WP 085. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Edisna. Leafy type. Seeds white and black. Local name Marul. Cultivated. Seed.
491075. WP 085A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Edisna. Romaine type. Seeds white and black. Local name Marul. Cultivated. Seed.
491076. WP 086. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Kirkklaveli. Leafy type. Seeds black. Local name Marul. Cultivated. Seed.
491077. WP 087. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Kirkklaveli. Leafy type. Seeds black. Local name Marul. Cultivated.

491002 TO 491087-continued
Seed.

491078. WP 088. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Bahkezir. Leafy type. Seeds black. Local name Kara marul (black lettuce). Cultivated. Seed.
491079. WP 089. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Bahkezir. Leafy type. Seeds black. Local name Kara marul (black lettuce). Cultivated. Seed.
491080. WP 089A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Bahkezir. Leafy type. Seeds black. Local name Kara marul (black lettuce). Cultivated. Seed.
491081. WP 090. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Hatay, Antakya. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491082. WP 090A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Hatay, Antakya. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491083. WP 090B. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Hatay, Antakya. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491084. WP 091. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Nevsekir. Romaine type. Seeds white. Local name White marul. Cultivated. Seed.
491085. WP 091A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Nevsekir. Romaine type. Seeds white. Local name White marul. Cultivated. Seed.
491086. WP 092. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. Collected June 25, 1982. Haskoy, Usak. Romaine type. Seeds white. Local name Marul. Cultivated. Seed.
491087. WP 207. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44685. Collected July 29, 1982. Kemer-Village Centre. 190m. Collected by T. Bas 290782 5-1. Romaine type. Flowers yellow. Seeds large, black. Cultivated. Seed.

491088 TO 491181. *Lactuca serriola* L. (Asteraceae).

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491088. WP 028. Turkey. Collected June 19, 1982. Fenokrum, Santigsi, 39km SE of Gazipoza. 100m. Plants erect, branched at soil level, glabrous. Leaves lobed. Seeds black. No virus present. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491089. WP 039. Turkey. Collected June 20, 1982. Silifke, near Goksu River. Leaves deeply lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491090. WP 043. Turkey. Collected June 21, 1982. Antakya. 70m. Plants isolated, no competition. Leaves lobed. Seeds black. No disease present. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491091. WP 048. Turkey. Collected June 23, 1982. State Farm, Hatay, DVS, 30km E of Antakya. Leaves lobed. Seed color mixed. No disease present. Local name Wild marul. Received as *Lactuca scarioloides*. Wild. Seed.
491092. WP 093. Turkey. Collected June 25, 1982. Vacant lot, Gigli, Izmir. Leaves lobed. Seeds black. Local name Wild marul. Received as *Lactuca scarioloides*. Wild. Seed.
491093. WP 157. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44634. Collected July 16, 1982. Konyaalti, 2km W of Antalya, Antalya Province. 40m. Collected by T. Bas 160782 1-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491094. WP 158. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44635. Collected July 16, 1982. Konyaalti, 2km W of Antalya, Antalya Province. 40m. Collected by T. Bas 160782 1-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491095. WP 159. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44636. Collected July 16, 1982. Konyaalti, 2km W of Antalya, Antalya Province. 40m. Collected by T. Bas 160782 1-3. Leaves lobed. Seeds black. Local name Maruli. Wild. Seed.
491096. WP 159A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44636. Collected July 16, 1982. Konyaalti, 2km W of Antalya, Antalya Province. 40m.

491088 TO 491181-continued

- Collected by T. Bas 160782 1-3. Leaves lobed. Seeds black. Local name Maruli. Wild. Seed.
491097. WP 160. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44637. Collected July 16, 1982. West, 7km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 2-1. Leaves lobed. Seeds black. Local name Maruli. Wild. Seed.
491098. WP 161. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44638. Collected July 16, 1982. Exit of Akyarlar Tunnel, 28km SW of Antalya, Antalya Province. 90m. Collected by T. Bas 160782 3-1. Leaves lobed. Seeds brown. Local name Maruli. Received as *Lactuca scarioloides*. Wild. Seed.
491099. WP 162. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44639. Collected July 16, 1982. Southwest, 40km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 4-1. Leaves entire. Seeds black. Local name Marul. Received as *Lactuca virosa*. Wild. Seed.
491100. WP 162A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44639. Collected July 16, 1982. Southwest, 40km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 4-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca virosa*. Wild. Seed.
491101. WP 163. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44640. Collected July 16, 1982. Southwest, 40km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 4-2. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491102. WP 164. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44641. Collected July 16, 1982. Southwest, 40km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 4-3. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491103. WP 164A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44641. Collected July 16, 1982. Southwest, 40km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 4-3. Leaves entire. Seeds brown. Local name Marul. Wild. Seed.
491104. WP 165. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44642. Collected July 16, 1982. Southwest, 45km of Antalya, Antalya Province. 110m. Collected by T. Bas 160782 5-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.

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491105. WP 166. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44643. Collected July 16, 1982. Southwest, 46km of Antalya, Antalya Province. 100m. Collected by T. Bas 160782 6-1. Leaves entire. Seeds black. Local name Marul. Received as *Lactuca virosa*. Wild. Seed.
491106. WP 167. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44644. Collected July 16, 1982. Guzeloluk, 69km SW of Antalya, Antalya Province. 300m. Collected by T. Bas 160782 7-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491107. WP 168. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44645. Collected July 16, 1982. West, 9km of Finike, Antalya Province. 80m. Collected by T. Bas 160782 8-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491108. WP 169. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44646. Collected July 16, 1982. West, 5km of Finike, Antalya Province. 80m. Collected by T. Bas 160782 9-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491109. WP 170. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44647. Collected July 16, 1982. West, 5km of Finike, Antalya Province. 80m. Collected by T. Bas 160782 9-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491110. WP 171. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44648. Collected July 16, 1982. Southeast, 5km of Kumluca, Antalya Province. 20m. Collected by T. Bas 160782 10-1. Leaves entire. Seeds black. Local name Marul. Received as *Lactuca virosa*. Wild. Seed.
491111. WP 172. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44649. Collected July 16, 1982. Southeast, 5km of Kumluca, Antalya Province. 20m. Collected by T. Bas 160782 10-2. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491112. WP 172A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44649. Collected July 16, 1982. Southeast, 5km of Kumluca, Antalya Province. 20m. Collected by T. Bas 160782 10-2. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491113. WP 172Z. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44649. Collected July 16, 1982.

491088 TO 491181-continued

- Southeast, 5km of Kumluca, Antalya Province. 20m.
Collected by T. Bas 160782 10-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491114. WP 173. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44651. Collected July 16, 1982. Finike, Central Bus Terminal, Antalya Province. 60m. Collected by T. Bas 160782 11-1. Leaves lobed. Two plants sterile. Seeds brown. Local name Marul. Wild. Seed.
491115. WP 174. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44652. Collected July 28, 1982. Cumovasi, Izmir Province. 150m. Collected by T. Bas 280782 1-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491116. WP 175. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44653. Collected July 28, 1982. Northwest, 7km of Ayrancilar, Izmir Province. 180m. Collected by T. Bas 280782 2-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491117. WP 176. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44654. Collected July 28, 1982. East, 5km of Kuscuburun, Izmir Province. 80m. Collected by T. Bas 280782 3-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491118. WP 177. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44655. Collected July 28, 1982. North, 1 km of Caybasi, Izmir Province. Collected by T. Bas 280782 4-1. Leaves lobed. Seeds light brown. Received as *Lactuca scarioloides*. Wild. Seed.
491119. WP 178. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44656. Collected July 28, 1982. North, 1 km of Caybasi, Izmir Province. Collected by T. Bas 280782 4-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491120. WP 179. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44657. Collected July 28, 1982. South, 9km of of Camlik, Izmir Province. 180m. Collected by T. Bas 280782 5-1. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491121. WP 180. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44658. Collected July 28, 1982. South, 9km of Camlik, Izmir Province. 180m. Collected by T. Bas 280782 5-2. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491122. WP 181. Turkey. Menemen-Izmir. Aegean Regional Agr.

491088 TO 491181-continued

- Research Institute. TR 44659. Collected July 28, 1982. South, 9km of Camlik, Izmir Province. 180m. Collected by T. Bas 280782 5-3. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491123. WP 182. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44660. Collected July 28, 1982. South, 9km of Camlik, Izmir Province. 80m. Collected by T. Bas 280782 5-4. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491124. WP 183. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44661. Collected July 28, 1982. West, 12km of Soke, Aydin Province. 50m. Collected by T. Bas 280782 6-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491125. WP 184. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44662. Collected July 28, 1982. Northwest, 6km of Selimiye, Mugla Province. 110m. Collected by T. Bas 280782 8-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491126. WP 185A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44663. Collected July 28, 1982. Northwest, 6km of Selimiye, Mugla Province. 110m. Collected by T. Bas 280782 8-2. Seeds mixed with *Lactuca saligna*. Leaves lobed. Seeds brown. Wild. Seed.
491127. WP 186. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44664. Collected July 28, 1982. East, 11km of Selimiye, Mugla Province. Collected by T. Bas 280782 9-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491128. WP 187. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44665. Collected July 28, 1982. Kizilcayikik, 8km NW of Milas, Mugla Province. 80m. Collected by T. Bas 280782 10-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491129. WP 188. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44666. Collected July 28, 1982. West, 3km of Koru-Milas, Mugla Province. 60m. Collected by T. Bas 280782 11-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491130. WP 188A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44666. Collected July 28, 1982. West, 3km of Koru-Milas, Mugla Province. 60m. Collected by T. Bas 280782 11-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.

491088 TO 491181-continued

491131. WP 189. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44667. Collected July 28, 1982. Milas road jct, 1 km south of Milas, Mugla Province. 140m. Collected by T. Bas 280782 12-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491132. WP 190. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44668. Collected July 28, 1982. East, 3km of Eskihisar, Mugla Province. 450m. Collected by T. Bas 280782 13-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491133. WP 191. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44669. Collected July 28, 1982. Yatagan Centre, Mugla Province. Collected by T. Bas 280782 14-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491134. WP 192. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44670. Collected July 28, 1982. Southeast, 1 km of Bozarmut, Mugla Province. 420m. Collected by T. Bas 280782 15-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491135. WP 193. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44671. Collected July 28, 1982. Southeast, 1 km of Bayir, Mugla Province. Collected by T. Bas 280782 16-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491136. WP 194. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44672. Collected July 28, 1982. City entrance, Mugla Province. 670m. Collected by T. Bas 280782 17-1. Leaves lobed. Seeds light brown. Local name Marul. Wild. Seed.
491137. WP 195. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44673. Collected July 28, 1982. Karabortlen, 20km NW of Koycegiz, Mugla Province. 140m. Collected by T. Bas 280782 18-1. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491138. WP 196. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44674. Collected July 28, 1982. East, 2km of Koycegiz, Mugla Province. 90m. Collected by T. Bas 280782 19-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491139. WP 197. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44675. Collected July 28, 1982. Ortaca Centre, Mugla Province. 80m. Collected by T. Bas 280782 20-1. Leaves lobed. Seeds black. Local name Marul.

491088 TO 491181-continued
Wild. Seed.

491140. WP 198. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44676. Collected July 28, 1982. Ortaca Centre, Mugla Province. 80m. Collected by T. Bas 280782 20-2. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491141. WP 199. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44677. Collected July 28, 1982. Ortaca Centre, Mugla Province. 80m. Collected by T. Bas 280782 20-3. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491142. WP 200. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44678. Collected July 29, 1982. State farm, Dalaman, Mugla Province. 60m. Collected by T. Bas 290782 1-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491143. WP 201. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44679. Collected July 29, 1982. Gocek, Mugla Province. 90m. Collected by T. Bas 290782 2-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491144. WP 202. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44680. Collected July 29, 1982. Gocek, Mugla Province. 90m. Collected by T. Bas 290782 2-2. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca virosa*. Wild. Seed.
491145. WP 203. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44681. Collected July 29, 1982. Fethiye, Mugla Province. 90m. Collected by T. Bas 290782 3-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca virosa*. Wild. Seed.
491146. WP 204. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44682. Collected July 29, 1982. Fethiye, Mugla Province. 130m. Collected by T. Bas 290782 3-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491147. WP 205. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44683. Collected July 29, 1982. Ugurlu Centre, Mugla Province. Collected by T. Bas 290782 4-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491148. WP 206. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44684. Collected July 29, 1982. Ugurlu Centre, Mugla Province. Collected by T. Bas 290782

491088 TO 491181-continued

- 4-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491149. WP 206A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44684. Collected July 29, 1982. Ugurlu Centre, Mugla Province. Collected by T. Bas 290782 4-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491150. WP 208. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44686. Collected July 29, 1982. Northeast, 46km of Kemer, Mugla Province. 460m. Collected by T. Bas 290782 6-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491151. WP 209. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44687. Collected July 29, 1982. Bayir, front of Forestry Camping. 980m. Collected by T. Bas 290782 7-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491152. WP 210. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44688. Collected July 29, 1982. Bekciler Village, Altinyayla, Mugla Province. 1220m. Collected by T. Bas 290782 8-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491153. WP 210A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44688. Collected July 29, 1982. Bekciler Village, Altinyayla, Mugla Province. 1220m. Collected by T. Bas 290782 8-1. Leaves deeply lobed. Seeds brown. Local name Marul. Wild. Seed.
491154. WP 211. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44689. Collected July 29, 1982. Bekciler Village, Altinyayla, Mugla Province. 1220m. Collected by T. Bas 290782 8-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491155. WP 211A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44689. Collected July 29, 1982. Bekciler Village, Altinyayla, Mugla Province. 1220m. Collected by T. Bas 290782 8-2. Leaves deeply lobed. Seeds brown. Local name Marul. Wild. Seed.
491156. WP 213. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44691. Collected July 30, 1982. Sogut, 16km N of Bekciler, Burdur Province. 1380m. Collected by T. Bas 300782 1-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491157. WP 213A. Turkey. Menemen-Izmir. Aegean Regional Agr.

491088 TO 491181-continued

- Research Institute. TR 44691. Collected July 30, 1982.
Sogut, 16km N of Bekciler, Burdur Province. 1380m.
Collected by T. Bas 300782 1-1. Leaves deeply lobed.
Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491158. WP 214. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44692. Collected July 30, 1982.
Sogut, 16km N of Bekciler, Burdur Province. 1380m.
Collected by T. Bas 300782 1-2. Leaves lobed. Seeds brown.
Local name Marul. Wild. Seed.
491159. WP 214A. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44692. Collected July 30, 1982.
Sogut, 16km N of Bekciler, Burdur Province. 1380m.
Collected by T. Bas 300782 1-2. Leaves deeply lobed.
Seeds brown. Local name Marul. Wild. Seed.
491160. WP 215. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44693. Collected July 30, 1982.
North, 2km of Kucuklu-Dirmil, Burdur Province. 1250m.
Collected by T. Bas 300782 2-1. Leaves deeply lobed.
Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491161. WP 215A. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44693. Collected July 30, 1982.
North, 2km of Kucuklu-Dirmil, Burdur Province. 1250m.
Collected by T. Bas 300782 2-1. Leaves lobed. Seeds brown.
Local name Marul. Received as *Lactuca scarioloides*. Wild.
Seed.
491162. WP 216. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44694. Collected July 30, 1982.
North, 2km of Kucuklu-Dirmil, Burdur Province. 1250m.
Collected by T. Bas 300782 2-2. Leaves lobed. Seeds brown.
Local name Marul. Wild. Seed.
491163. WP 217. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44695. Collected July 30, 1982.
North, 21km of Kucuklu, Burdur Province. 1200m. Collected
by T. Bas 300782 3-1. Leaves deeply lobed. Seeds brown.
Local name Marul. Wild. Seed.
491164. WP 217A. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44695. Collected July 30, 1982.
North, 21km of Kucuklu, Burdur Province. 1200m. Collected
by T. Bas 300782 3-1. Leaves lobed. Seeds brown. Local
name Marul. Wild. Seed.
491165. WP 218. Turkey. Menemen-Izmir. Aegean Regional Agr.
Research Institute. TR 44696. Collected July 30, 1982.
South, 3km of Golhisar, Burdur Province. 980m. Collected

491088 TO 491181-continued

- by T. Bas 300782 4-1. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491166. WP 219. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44697. Collected July 30, 1982. North, 5km of Golhisar, Burdur Province. 980m. Collected by T. Bas 300782 5-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491167. WP 220. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44698. Collected July 30, 1982. Southeast, 22km of Acipayam, Denizli Province. 850m. Collected by T. Bas 300782 6-1. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491168. WP 220A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44698. Collected July 30, 1982. Southeast, 22km of Acipayam, Denizli Province. 850m. Collected by T. Bas 300782 6-1. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.
491169. WP 221. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44699. Collected July 30, 1982. Southeast, 22km of Acipayam, Denizli Province. 850m. Collected by T. Bas 300782 6-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491170. WP 221A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44699. Collected July 30, 1982. Southeast, 22km of Acipayam, Denizli Province. 850m. Collected by T. Bas 300782 6-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491171. WP 222. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44700. Collected July 31, 1982. Aydinlar Village, S of Honaz, Denizli Province. 900m. Collected by T. Bas 310782 1-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491172. WP 223. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44701. Collected July 31, 1982. Kocabas Village, S of Honaz, Denizli Province. 400m. Collected by T. Bas 310782 2-1. Leaves lobed. Seeds black. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491173. WP 224. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44702. Collected July 31, 1982. Kocabas Village, S of Honaz, Denizli Province. 400m. Collected by T. Bas 310782 2-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.

491088 TO 491181-continued

491174. WP 225. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44703. Collected July 31, 1982. East, 7km of Akhan, Denizli Province. 250m. Collected by T. Bas 310782 3-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491175. WP 226. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44704. Collected July 31, 1982. City, Denizli Province. 280m. Collected by T. Bas 310782 4-1. Leaves lobed. Seeds brown. One plant sterile. Local name Marul. Received as *Lactuca scarioloides*. Wild. Seed.
491176. WP 227. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44705. Collected July 31, 1982. Entrance, Saraykoy, 17km N of Denizli, Denizli Province. 200m. Collected by T. Bas 310782 5-1. Leaves lobed. Seeds brown. Local name Marul. Received as *Lactuca tenerrima*. Wild. Seed.
491177. WP 228. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44707. Collected July 31, 1982. West, 6km of Horsunlu, Aydin Province. 110m. Collected by T. Bas 310782 6-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491178. WP 229. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44708. Collected July 31, 1982. West, 2km of Atca, Aydin Province. 100m. Collected by T. Bas 310782 7-1. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491179. WP 230A. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44710. Collected August 03, 1982. ARARI field, Menemen, Izmir Province. 10m. Collected by T. Bas 030882 1-1. Seeds mixed with *Lactuca saligna*. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491180. WP 231. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44710. Collected August 03, 1982. ARARI field, Menemen, Izmir Province. 10m. Collected by T. Bas 030882 1-2. Leaves lobed. Seeds brown. Local name Marul. Wild. Seed.
491181. WP 232. Turkey. Menemen-Izmir. Aegean Regional Agr. Research Institute. TR 44711. Collected August 03, 1982. ARARI field, Menemen, Izmir Province. 10m. Collected by T. Bas 030882 1-3. Leaves lobed. Seeds black. Local name Marul. Wild. Seed.

491182 TO 491183. *Lupinus* sp. (Fabaceae).

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.;

491182 TO 491183-continued

USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491182. WP 008. Turkey. Collected June 15, 1982. Roadside, Milas. Maturity early. Leaves small. Pods medium-sized. Seeds buff-colored. Infected with powdery mildew. Wild. Seed.
491183. WP 009. Turkey. Collected June 15, 1982. Roadside, Milas. Leaves large. Flowers blue with white center. Pods large. Seeds mottled, reddish-brown. Infected with powdery mildew. Wild. Seed.

491184 TO 491188. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491184. WP 007. Turkey. Collected June 15, 1982. Skoe, Aydin. Pole type. Seeds white. No virus present. Cultivated. Seed.
491185. WP 035. Turkey. Collected June 20, 1982. Kochasanli, 42km NE of Silifke. French hort type. Seeds red-variegated. Some plants infected with bean mosaic virus. Local name Barbanyni. Cultivated. Seed.
491186. WP 036. Turkey. Collected June 20, 1982. Kochasanli, 42km NE of Silifke. French hort bush type. Seeds cream-colored. Cultivated. Seed.
491187. WP 037. Turkey. Collected June 20, 1982. Mezitti, Mersin. 10m. Pole type. Seeds white, shiny. No virus present. Cultivated. Seed.
491188. WP 052. Turkey. Collected June 22, 1982. North, 21km of Kirikhin. Bush type. Seeds black. Local name Pseulia. Cultivated. Seed.

491189 TO 491191. Raphanus sativus L. (Brassicaceae) Radish.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491189 TO 491191-continued

491189. WP 041. Turkey. Collected June 21, 1982. Baltacilar, Antakya. Radish globe-shaped, large, red. No visible disease. Local name Turp. Cultivated. Seed.

491190. WP 042. Turkey. Collected June 21, 1982. Baltacilar, Antakya. Radish long, large, red. No visible disease. Local name Turp. Cultivated. Seed.

491191. WP 057. Turkey. Collected June 24, 1982. Nigde. 1170m. Local type. Radish black. Local name Kara Turp Tohumu. Cultivated. Seed.

491192. *Solanum melongena* L. (Solanaceae) Eggplant.

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

WP 021. Kemer. Turkey. Aksu. Institute for Vegetable Research. Collected June 18, 1982. Cultivated. Seed.

491193. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Turkey. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

WP 051. Turkey. Collected June 22, 1982. Reyhanli, 43km E of Antakya. Local type. Local name Borulce. Cultivated. Seed.

491194. *Apium graveolens* var. *dulce* (Mill.) Pers. (Apiaceae) Celery.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

WP 118. Greece. Collected July 03, 1982. Market, Amalias. Cultivated. Seed.

491195. *Beta vulgaris* L. (Chenopodiaceae) Swiss chard.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;

491195-continued

USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

WP 121. Greece. Collected July 03, 1982. Market, Amalias.
Table beet. Cultivated. Seed.

491196 TO 491197. *Cichorium endivia* L. (Asteraceae) Endive.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491196. WP 115. Greece. Collected July 03, 1982. Market, Amalias.
Cultivated. Seed.

491197. WP 116. Greece. Collected July 03, 1982. Market, Amalias.
Red type. Cultivated. Seed.

491198 TO 491200. *Cucumis melo* L. (Cucurbitaceae).

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491198. WP 101. Sterlina. Greece. Koryvos. Vegetable Institute.
Collected July 01, 1982. Cultivated. Seed.

491199. WP 102. Zakinthou. Greece. Koryvos. Vegetable Institute.
Collected July 01, 1982. Cultivated. Seed.

491200. WP 122. Greece. Collected July 03, 1982. Gastouni.
Casaba type. Skin yellow, slight net. Flesh white, sweet, very tasty, good texture. Cultivated. Seed.

491201 TO 491202. *Cucurbita pepo* L. (Cucurbitaceae).

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491201. WP 100. Combocolokitho. Greece. Koryvos. Vegetable Institute. Collected July 01, 1982. Semi-bush, zucchini

491201 TO 491202-continued

type. Skin light. Yield high. Cultivated. Seed.

491202. WP 120. Greece. Collected July 03, 1982. Market, Amalias. Zucchini type. Cultivated. Seed.

491203. *Ecballium elaterium* (L.) A. Rich. (Cucurbitaceae) Squirting cucumber.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

WP 123. Greece. Collected July 03, 1982. Waste area, Gastouni. Plant short branched. Fruit abundant. Wild. Seed.

491204 TO 491208. *Lactuca saligna* L. (Asteraceae).

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York. Received November 1983.

491204. WP 137. Greece. Gastouni. Vegetable Research Institute. Collected August 18, 1982. Rethimno, Crete. Collected by G. Apostolatos. Seeds black. Local name Wild maruli. Wild. Seed.

491205. WP 139A. Greece. Gastouni. Vegetable Research Institute. Collected August 26, 1982. Near Gastouni. Collected by G. Apostolatos. Seeds mixed with *Lactuca serriola*. Seeds brown. Local name Wild maruli. Wild. Seed.

491206. WP 152. Greece. Gastouni. Vegetable Research Institute. Collected August 04, 1982. Koryvos. Collected by G. Apostolatos. Seeds brown. Local name Maruli. Wild. Seed.

491207. WP 152A. Greece. Gastouni. Vegetable Research Institute. Collected August 04, 1982. Koryvos. Collected by G. Apostolatos. Seeds brown. Local name Maruli. Wild. Seed.

491208. WP 153. Greece. Gastouni. Vegetable Research Institute. Collected August 09, 1982. Kaparissia. Collected by G. Apostolatos. Seeds brown. Local name Maruli. Wild. Seed.

491209 TO 491226. *Lactuca sativa* L. (Asteraceae) Lettuce.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;

491209 TO 491226-continued

USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491209. WP 094. Greece. Collected June 28, 1982. Garden, J. Procopiou, Holargos, near Athens. 200m. Romaine type. Seeds black. Local name Marulie. Cultivated. Seed.
491210. WP 095B. Greece. Collected June 29, 1982. Dry, waste places, slope of Acropolis, Athens. Seeds mixed with *Lactuca serriola*. Romaine type. Spines present. Seed color mixed. Local name Wild marulli. Wild. Seed.
491211. WP 096. Greece. Collected July 01, 1982. Kardamas, 15km W of Pirgos. Romaine type. Seeds white. No downy mildew present. Virus present. Local name Maruli. Cultivated. Seed.
491212. WP 097. Greece. Collected July 01, 1982. Havari, near Pirgos. Romaine type. Seeds white. No virus present. Local name Maruli. Cultivated. Seed.
491213. WP 098. Greece. Collected July 01, 1982. Havari, near Pirgos. Romaine type. Seeds white. No virus present. Local name Maruli. Cultivated. Seed.
491214. WP 103. Greece. Collected July 02, 1982. Near Pylos. Romaine type. Seeds white. No downy mildew or virus present. Local name Maruli. Cultivated. Seed.
491215. WP 104. Greece. Collected July 02, 1982. Pirgos. Romaine type. Seeds white. No downy mildew or virus present. Local name Maruli. Cultivated. Seed.
491216. WP 105. Greece. Collected July 02, 1982. Floka, near Pylos. Romaine type. Seeds white. No downy mildew or virus present. Local name Maruli. Cultivated. Seed.
491217. WP 108. Greece. Collected July 03, 1982. Kyllini, Arkondi. Leafy type. Seeds white. No downy mildew or virus present. Local name Maruli. Cultivated. Seed.
491218. WP 124. Greece. Thessaloniki. Cereal Institute. Collected July 05, 1982. Vasilika, 27km E of Thumlika. Donated by A. Zaminis. Leafy type. Seeds white. Cultivated. Seed.
491219. WP 126. Greece. Collected July 06, 1982. Xirochorian, Thessaloniki. Romaine type. Seeds white. No downy mildew present. Virus present. Local name Maruli. Cultivated. Seed.

491209 TO 491226-continued

491220. WP 128. Greece. Collected July 06, 1982. Koufalia, 37km W of Thessaloniki. Romaine type. Seeds white. No virus present. Local name Maruli. Cultivated. Seed.
491221. WP 128a. Greece. Collected July 06, 1982. Koufalia, 37km W of Thessaloniki. Romaine type. Seeds white. No virus present. Local name Maruli. Cultivated. Seed.
491222. WP 129. Greece. Collected July 06, 1982. Market, Koufalia, 37km W of Thessaloniki. Romaine type. Seeds white. Local name Maruli. Cultivated. Seed.
491223. WP 130. Greece. Collected July 06, 1982. Market, Koufalia, 37km W of Thessaloniki. Leafy type. Seeds white. Local name Maruli. Cultivated. Seed.
491224. WP 130A. Greece. Collected July 06, 1982. Market, Koufalia, 37km W of Thessaloniki. Romaine type. Seeds white. Local name Maruli. Cultivated. Seed.
491225. WP 131. Greece. Collected July 06, 1982. Market, Koufalia, 37km W of Thessaloniki. Romaine type. Seeds white and black. Local name Maruli. Cultivated. Seed.
491226. WP 149. Greece. Collected August 09, 1982. Allagi. Leafy type. Seeds black. Local name Maruli. Received as *Lactuca serriola*. Wild. Seed.

491227 TO 491251. *Lactuca serriola* L. (Asteraceae).

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.; USDA-ARS; and Department of Plant Pathology, New York State Agricultural Experiment Station; La Jolla, California; and Geneva, New York.
Received November 1983.

491227. WP 095. Greece. Collected June 29, 1982. Dry, waste places, slope of Acropolis, Athens. Seeds mixed with *Lactuca sativa*. Leaves entire. Spines present. Seed color mixed. Local name Wild marulli. Wild. Seed.
491228. WP 095A. Greece. Collected June 29, 1982. Dry, waste places, slope of Acropolis, Athens. Seeds mixed with *Lactuca sativa*. Leaves lobed. Spines present. Seed color mixed. Local name Wild marulli. Wild. Seed.
491229. WP 125. Greece. Collected July 05, 1982. Vacant lot near sea coast, Thessaloniki. Leaves lobed. Spines present. Seeds brown. Local name Wild maruli. Wild. Seed.
491230. WP 127. Greece. Collected July 06, 1982. Waste places,

491227 TO 491251-continued

- Xirochorion, 24km NW of Thessaloniki. Leaves lobed. Seeds brown. Local name Wild maruli. Wild. Seed.
491231. WP 133. Greece. Collected July 06, 1982. Koufalia, 37km W of Thessaloniki. Leaves lobed. Spines present. Seeds black. Local name Wild marulli. Wild. Seed.
491232. WP 134. Greece. Gastouni. Vegetable Research Institute. Collected September 08, 1982. Kifisia, Athens. Collected by G. Apostolatos. Leaves lobed. Seeds brown. Local name Maruli. Wild. Seed.
491233. WP 135. Greece. Gastouni. Vegetable Research Institute. Collected September 08, 1982. Kifisia, Athens. Collected by G. Apostolatos. Leaves lobed. Seeds brown, from single plant. Local name Maruli. Wild. Seed.
491234. WP 136. Greece. Gastouni. Vegetable Research Institute. Collected July 06, 1982. Kouponia, Athens. Collected by G. Apostolatos. Leaves lobed. Seeds brown. Local name Maruli. Wild. Seed.
491235. WP 138. Greece. Gastouni. Vegetable Research Institute. Collected July 06, 1982. Kifisia, Athens. Collected by G. Apostolatos. Leaves entire, mid-ribs bristly, scattered bristles over blade. Seeds brown. Local name Maruli. Wild. Seed.
491236. WP 138A. Greece. Gastouni. Vegetable Research Institute. Collected July 06, 1982. Kifisia, Athens. Collected by G. Apostolatos. Leaves lobed, mid-ribs bristly, scattered bristles over blade. Seeds brown. Local name Maruli. Wild. Seed.
491237. WP 139. Greece. Gastouni. Vegetable Research Institute. Collected August 26, 1982. Near Gastouni. Collected by G. Apostolatos. Seeds mixed with Lactuca saligna. Leaves lobed. Seeds brown. Local name Wild Maruli. Wild. Seed.
491238. WP 140. Greece. Gastouni. Vegetable Research Institute. Collected August 26, 1982. Near Gastouni. Collected by G. Apostolatos. Leaves entire. Seeds brown. Local name Maruli. Wild. Seed.
491239. WP 141. Greece. Gastouni. Vegetable Research Institute. Collected July 15, 1982. Amalias. Collected by G. Apostolatos. Leaves entire. Seeds black. Local name Maruli. Wild. Seed.
491240. WP 142. Greece. Gastouni. Vegetable Research Institute. Collected July 15, 1982. Amalias. Collected by G. Apostolatos. Leaves entire. Seeds brown. Local name Maruli. Wild. Seed.

491227 TO 491251-continued

491241. WP 143. Greece. Gastouni. Vegetable Research Institute. Collected July 20, 1982. Vartholomio. Collected by G. Apostolatos. Leaves lobed. Seeds black. Local name Maruli. Wild. Seed.
491242. WP 144. Greece. Gastouni. Vegetable Research Institute. Collected July 27, 1982. Epitalio. Collected by G. Apostolatos. Leaves entire. Seeds brown. Local name Maruli. Wild. Seed.
491243. WP 145. Greece. Gastouni. Vegetable Research Institute. Collected July 27, 1982. Gastouni. Collected by G. Apostolatos. Leaves lobed. Seeds brown. Local name Maruli. Wild. Seed.
491244. WP 146. Greece. Gastouni. Vegetable Research Institute. Collected August 02, 1982. Olympia. Collected by G. Apostolatos. Leaves entire. Seeds black. Local name Maruli. Wild. Seed.
491245. WP 147. Greece. Gastouni. Vegetable Research Institute. Collected August 02, 1982. Varda. Collected by G. Apostolatos. Leaves lobed. Seeds black. Local name Maruli. Wild. Seed.
491246. WP 148. Greece. Gastouni. Vegetable Research Institute. Collected August 04, 1982. Koryvos. Collected by G. Apostolatos. Leaves entire. Seeds black. Local name Maruli. Wild. Seed.
491247. WP 150. Greece. Gastouni. Vegetable Research Institute. Collected August 09, 1982. Pirgos. Collected by G. Apostolatos. Leaves entire. Seeds black. Local name Maruli. Wild. Seed.
491248. WP 151. Greece. Gastouni. Vegetable Research Institute. Collected August 02, 1982. Varda. Collected by G. Apostolatos. Leaves entire. Seeds black. Local name Maruli. Wild. Seed.
491249. WP 154. Greece. Kiphissia, Athens. Benaki Phytopathological Inst., Lab. of Virology. Collected September 01, 1982. Grounds of Institute. Collected by staff member. Leaves entire. Seeds black. Local name Maruli. Wild. Seed.
491250. WP 155. Greece. Kiphissia, Athens. Benaki Phytopathological Inst., Lab. of Virology. Collected September 01, 1982. Grounds of Institute near greenhouses. Collected by staff member. Leaves entire. Seeds brown. Local name Maruli. Wild. Seed.

491227 TO 491251-continued

491251. WP 156. Greece. Kiphissia, Athens. Benaki
Phytopathological Inst., lab. of Virology. Collected
September 01, 1982. Grounds of Institute near greenhouses.
Collected by staff member. Leaves entire. Seeds black.
Local name Maruli. Wild. Seed.

491252. *Lagenaria siceraria* (Mol.) Standl. (Cucurbitaceae) Bottle
gourd.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

WP 107. Greece. Collected July 02, 1982. Floka (Pilos).
Fruit with distinct neck, not bottle. Seeds broad, blocky.
Cultivated. Seed.

491253 TO 491257. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

491253. WP 111. Greece. Collected July 03, 1982. Kyllini, Aoudi.
Pole type. Seeds blackish-brown. Cultivated. Seed.

491254. WP 112. Greece. Collected July 03, 1982. Kyllini, Aoudi.
Pole type. Seeds buff-colored. Cultivated. Seed.

491255. WP 113. Greece. Collected July 03, 1982. Kyllini, Aoudi.
Pole type. Seeds buff-colored with red stripes.
Cultivated. Seed.

491256. WP 114. Greece. Collected July 03, 1982. Kyllini, Aoudi.
Pole type. Seeds brown. Cultivated. Seed.

491257. WP 132. Greece. Collected July 06, 1982. Market,
Koufalia, 37km W of Thessaloniki. Seeds black striped,
buff-colored with broad white stripes. Cultivated. Seed.

491258 TO 491259. *Raphanus sativus* L. (Brassicaceae) Radish.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,

491258 TO 491259-continued

California; and Geneva, New York.
Received November 1983.

491258. WP 110. Greece. Collected July 03, 1982. Kyllini,
Arkoudi. Radish long, pinkish. Cultivated. Seed.

491259. WP 117. Greece. Collected July 03, 1982. Market, Amalias.
Cultivated. Seed.

491260. *Solanum melongena* L. (Solanaceae) Eggplant.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

WP 099. Tsakinik. Greece. Koryvos. Vegetable Institute.
Collected July 01, 1982. Cultivated. Seed.

491261 TO 491262. *Spinacia oleracea* L. (Chenopodiaceae) Spinach.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

491261. WP 106. Greece. Collected July 02, 1982. Floka (Pilos).
Leaves broad. Seeds spiny. Cultivated. Seed.

491262. WP 119. Greece. Collected July 03, 1982. Market, Amalias.
Cultivated. Seed.

491263. *Vicia faba* L. (Fabaceae) Broadbean.

From Greece. Collected by Whitaker, T.W.; and Provvidenti, R.;
USDA-ARS; and Department of Plant Pathology, New York
State Agricultural Experiment Station; La Jolla,
California; and Geneva, New York.
Received November 1983.

WP 109. Greece. Collected July 03, 1982. Backyard
garden, Kyllini, Arkoudi. Seeds brown or buff-colored.
Cultivated. Seed.

491264. *Agrostis tenuis* Sibth. (Poaceae) Colonial bentgrass.

From Finland. Donated by Hankkija Plant Breeding Institute; 04300

491264-continued

Hryla.

Received August 1984.

HJA 166. Finland. Collected 1966. Helsinki. Growth begins early in spring. Overwintering ability good. Drought tolerant. Breeding Material. Seed.

491265. *Citrullus lanatus* (Thunb.) Matsum. & Nakai (Cucurbitaceae)
Watermelon.

From Zimbabwe. Donated by Gwarazimba, V.E.E.; Crop Breeding Institute, Harare Research Station; Causeway, Zimbabwe.
Received March 1984.

TGR 2103. Zimbabwe. Latitude: 31 deg 12 m S; Longitude: 022 deg 50 m E. Collected April 22, 1982. Farmstore, 25km N of Malipati, Victoria Province. 340m. Primitive Cultivar. Seed.

491266 TO 491372. *Lagenaria siceraria* (Mol.) Standl. (Cucurbitaceae)
Bottle gourd.

From Zimbabwe. Donated by Gwarazimba, V.E.E.; Crop Breeding Institute, Harare Research Station; Causeway, Zimbabwe.
Received March 1984.

491266. TGR 26A. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 031 deg 18 m E. Collected April 08, 1982. Farmland, 4.8km SE of Makumbe BC, Mashonaland East Province. 1300m. Flowers white. Fruit light green, round, skin warted. Local name Mharwe. Primitive Cultivar. Seed.

491267. TGR 26B. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 031 deg 18 m E. Collected April 08, 1982. Farmland, 4.8km SE of Makumbe BC, Mashonaland East Province. 1300m. Flowers white. Fruits flask-shaped, dark green, skin warted. Primitive Cultivar. Seed.

491268. TGR 26C. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 004 deg 08 m E. Collected April 08, 1982. Farmland, 4.8km SE of Makumbe BC, Mashonaland East Province. 1300m. Flowers white. Fruits oblong, green, skin warted. Primitive Cultivar. Seed.

491269. TGR 26D. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 031 deg 18 m E. Collected April 08, 1982. Farmland, 4.8km SE of Makumbe BC, Mashonaland East Province. 1300m. Flowers white. Fruits ridged, dark green. Local name Hosho. Primitive Cultivar. Seed.

491270. TGR 26E. Zimbabwe. Latitude: 17 deg 33 m S; Longitude:

491266 TO 491372-continued

- 031 deg 18 m E. Collected April 08, 1982. Farmland, 4.8km SE of Makumbe BC, Mashonaland East Province. 1300m. Flowers yellow. Fruits vessel-shaped, skin smooth. Local name Dende. Primitive Cultivar. Seed.
491271. TGR 65. Zimbabwe. Latitude: 20 deg 12 m S; Longitude: 030 deg 26 m E. Collected April 14, 1982. Farmland, 9km N of Chibi Do, Chibi District, Victoria Province. 950m. Fruits small. Used like a cup. Local name Mukombe. Primitive Cultivar. Seed.
491272. TGR 66. Zimbabwe. Latitude: 20 deg 12 m S; Longitude: 030 deg 26 m E. Collected April 14, 1982. Farmland, 9km N of Chibi Do, Chibi District, Victoria Province. 950m. Fruits large, flask-shaped. Used as a vessel. Primitive Cultivar. Seed.
491273. TGR 168. Zimbabwe. Latitude: 20 deg 15 m S; Longitude: 031 deg 03 m E. Collected April 19, 1982. Farmland, 3km E of Kyle Dam Wall, Victoria Province. 1100m. Flesh eaten when immature. Primitive Cultivar. Seed.
491274. TGR 170. Zimbabwe. Latitude: 20 deg 15 m S; Longitude: 031 deg 03 m E. Collected April 19, 1982. Farmland, 3km E of Kyle Dam Wall, Victoria Province. 1100m. Primitive Cultivar. Seed.
491275. TGR 247. Zimbabwe. Latitude: 31 deg 12 m S; Longitude: 022 deg 50 m E. Collected April 22, 1982. Farmstore, 25km N of Malipati, Victoria Province. 340m. Primitive Cultivar. Seed.
491276. TGR 260. Zimbabwe. Latitude: 20 deg 31 m S; Longitude: 031 deg 31 m E. Collected April 23, 1982. Farmstore, 36km SE of Zaka, Ndanga District, Victoria Province. 570m. Primitive Cultivar. Seed.
491277. TGR 307. Zimbabwe. Latitude: 19 deg 48 m S; Longitude: 030 deg 51 m E. Collected April 29, 1982. Farmland, 30km N of Ft. Victoria, Victoria Province. 1240m. Leaves and fruit eaten when young. Primitive Cultivar. Seed.
491278. TGR 315. Zimbabwe. Latitude: 19 deg 46 m S; Longitude: 030 deg 58 m E. Collected April 29, 1982. Farmstore, 36km N of Ft. Victoria, Victoria Province. 1300m. Fruit eaten when young. Primitive Cultivar. Seed.
491279. TGR 359. Zimbabwe. Latitude: 20 deg 19 m S; Longitude: 031 deg 26 m E. Collected April 30, 1982. Farmstore, 6.5km N of Zaka, Victoria Province. 850m. Primitive Cultivar. Seed.
491280. TGR 482. Zimbabwe. Collected May 01, 1982. Bulawayo

491266 TO 491372-continued

Show, Shabani, Midlands South Province. Primitive
Cultivar. Seed.

491281. TGR 512. Zimbabwe. Latitude: 20 deg 05 m S; Longitude:
032 deg 52 m E. Collected May 06, 1982. Farmland, 1 km W
of Rusitu Mission, Manicaland Province. 1000m. Fruits
round, skin warty. Fruits used as vessel. Flesh eaten
when young. Local name Mudyina. Primitive Cultivar. Seed.
491282. TGR 513. Zimbabwe. Latitude: 20 deg 05 m S; Longitude:
032 deg 52 m E. Collected May 06, 1982. Farmland, 1 km W
of Rusitu Mission, Manicaland Province. 1000m. Fruit
flask-shaped. Used as a vessel. Eaten when tender. Local
name Tsanim. Primitive Cultivar. Seed.
491283. TGR 589. Zimbabwe. Latitude: 20 deg 18 m S; Longitude:
032 deg 49 m E. Collected May 10, 1982. Backyard, 1.8km E
of Tamandayi BC, Manicaland Province. 700m. Eaten when
fresh. Used as a vessel. Local name Danga. Primitive
Cultivar. Seed.
491284. TGR 595. Zimbabwe. Latitude: 20 deg 18 m S; Longitude:
032 deg 49 m E. Collected May 10, 1982. Farmstore,
Tamandayi BC, Manicaland Province. 700m. Primitive
Cultivar. Seed.
491285. TGR 608. Zimbabwe. Latitude: 20 deg 18 m S; Longitude:
032 deg 49 m E. Collected May 10, 1982. Farmstore, 1 km S
of Tamandayi BC, Manicaland Province. 700m. Bottle gourd.
Used as a vessel. Local name Renje. Primitive Cultivar.
Seed.
491286. TGR 614. Zimbabwe. Latitude: 20 deg 21 m S; Longitude:
032 deg 45 m E. Collected May 10, 1982. Farmland, 13.4km
SW of Tamandayi BC, Manicaland Province. 1200m. Fruits
round, skin smooth. Eaten when young. Primitive Cultivar.
Seed.
491287. TGR 631. Zimbabwe. Latitude: 20 deg 26 m S; Longitude:
032 deg 43 m E. Collected May 11, 1982. Farmstore, 1.7km
S of Mt. Selinda Mission, Manicaland Province. 980m.
Fruits flask-shaped. Used as vessel and eaten. Primitive
Cultivar. Seed.
491288. TGR 645. Zimbabwe. Latitude: 20 deg 26 m S; Longitude:
032 deg 45 m E. Collected May 11, 1982. Farmstore, 8.3km
S of Mt. Selinda Mission, Manicaland Province. 860m. Used
as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491289. TGR 647. Zimbabwe. Seed.
491290. TGR 650. Zimbabwe. Latitude: 20 deg 26 m S; Longitude:
032 deg 45 m E. Collected May 11, 1982. Backyard, 8.3km S

491266 TO 491372-continued

- of Mt. Selinda Mission, Manicaland Province. 860m. Fruit round, skin warty. Eaten when young. Primitive Cultivar. Seed.
491291. TGR 661. Zimbabwe. Latitude: 18 deg 53 m S; Longitude: 029 deg 07 m E. Collected May 17, 1982. Farmstore, 24km W of Crossroads, Midlands Province. 1100m. Fruit bottle-shaped. Eaten when immature. Primitive Cultivar. Seed.
491292. TGR 673. Zimbabwe. Latitude: 18 deg 50 m S; Longitude: 029 deg 03 m E. Collected May 17, 1982. Farmstore, 32.6km from Crossroads, Midlands Province. 1000m. Fruit oval, skin warty. Eaten when young. Primitive Cultivar. Seed.
491293. TGR 674. Zimbabwe. Latitude: 18 deg 50 m S; Longitude: 029 deg 03 m E. Collected May 17, 1982. Farmstore, 32.6km W of Crossroads, Midlands Province. 1000m. Fruit flask-shaped, longitudinally ridged. Eaten when young. Local name Mhapati. Primitive Cultivar. Seed.
491294. TGR 676. Zimbabwe. Latitude: 18 deg 50 m S; Longitude: 029 deg 03 m E. Collected May 17, 1982. Farmstore, 32.6km W of Crossroads, Midlands Province. 1000m. Used as drinking vessel. Local name Mukombe. Primitive Cultivar. Seed.
491295. TGR 691. Zimbabwe. Latitude: 18 deg 48 m S; Longitude: 028 deg 58 m E. Collected May 17, 1982. Farmstore, 39km W of Crossroads, Midlands Province. 1000m. Used for drinking vessel. Local name Mukombe. Primitive Cultivar. Seed.
491296. TGR 698. Zimbabwe. Latitude: 18 deg 47 m S; Longitude: 029 deg 26 m E. Collected May 18, 1982. Farmstore, 22.6km E of Zhombe, Midlands Province. 1150m. Flowers white. Fruit flask-shaped, skin lumpy, pimply. Eaten only when soft. Primitive Cultivar. Seed.
491297. TGR 715. Zimbabwe. Latitude: 18 deg 41 m S; Longitude: 029 deg 19 m E. Collected May 18, 1982. Farmstore, 4.5km S of Zhombe BC, Midlands Province. 1180m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491298. TGR 727. Zimbabwe. Latitude: 18 deg 35 m S; Longitude: 029 deg 25 m E. Collected May 18, 1982. Farmstore, 28km N of Zhombe BC, Midlands Province. 1080m. Fruit round, skin smooth. Fruit eaten when soft. Primitive Cultivar. Seed.
491299. TGR 728. Zimbabwe. Latitude: 18 deg 35 m S; Longitude: 029 deg 25 m E. Collected May 18, 1982. Farmstore, 28km N of Zhombe BC, Midlands Province. 1080m. Fruit flask-shaped, small. Used as vessel. Local name Chinu. Primitive Cultivar. Seed.

491266 TO 491372-continued

491300. TGR 746. Zimbabwe. Latitude: 19 deg 45 m S; Longitude: 030 deg 37 m E. Collected May 19, 1982. Farmstore, 5km S of St. Joseph Mission, Midlands Province. 1150m. Fruit flask-shaped. Primitive Cultivar. Seed.
491301. TGR 772. Zimbabwe. Latitude: 18 deg 54 m S; Longitude: 031 deg 02 m E. Collected May 20, 1982. Farmstore, 1 km N of All Saints School, Midlands Province. 1490m. Used as drinking vessel. Local name Mukombe. Primitive Cultivar. Seed.
491302. TGR 784. Zimbabwe. Latitude: 18 deg 54 m S; Longitude: 031 deg 02 m E. Collected May 20, 1982. Farmstore, 1 km N of All Saints School, Midlands Province. 1490m. Used as drinking vessel. Local name Mukombe. Primitive Cultivar. Seed.
491303. TGR 843A. Zimbabwe. Latitude: 18 deg 15 m S; Longitude: 028 deg 24 m E. Collected May 21, 1982. Farmstore, 35km W of Gokwe Do, Midlands Province. 1100m. Fruit flask-shaped. Eaten when tender. Used as a vessel. Local name Mukombe. Primitive Cultivar. Seed.
491304. TGR 843B. Zimbabwe. Latitude: 18 deg 15 m S; Longitude: 028 deg 24 m E. Collected May 21, 1982. Farmstore, 35km W of Gokwe Do, Midlands Province. 1100m. Fruit small, round, skin smooth. Local name Mukombe. Primitive Cultivar. Seed.
491305. TGR 843C. Zimbabwe. Latitude: 18 deg 15 m S; Longitude: 028 deg 24 m E. Collected May 21, 1982. Farmstore, 35km W of Gokwe Do, Midlands Province. 1100m. Fruit small, skin warty. Local name Mukombe. Primitive Cultivar. Seed.
491306. TGR 843D. Zimbabwe. Latitude: 18 deg 15 m S; Longitude: 028 deg 24 m E. Collected May 21, 1982. Farmstore, 35km W of Gokwe Do, Midlands Province. 1100m. Fruit ovoid, skin warty. Local name Mukombe. Primitive Cultivar. Seed.
491307. TGR 843E. Zimbabwe. Latitude: 18 deg 15 m S; Longitude: 028 deg 24 m E. Collected May 21, 1982. Farmstore, 35km W of Gokwe Do, Midlands Province. 1100m. Fruit oblong, skin smooth. Local name Mukombe. Primitive Cultivar. Seed.
491308. TGR 856. Zimbabwe. Latitude: 18 deg 14 m S; Longitude: 028 deg 41 m E. Collected May 21, 1982. Farmstore, 39km W of Gokwe Do, Midlands Province. 1100m. Fruit round, fluted. Eaten when young. Primitive Cultivar. Seed.
491309. TGR 926. Zimbabwe. Seed.
491310. TGR 931. Zimbabwe. Latitude: 19 deg 14 m S; Longitude:

491266 TO 491372-continued

- 029 deg 58 m E. Collected May 24, 1982. Farmland, 5km E of Muchakata BC, Midlands Province. 1300m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491311. TGR 1051. Zimbabwe. Latitude: 19 deg 43 m S; Longitude: 030 deg 10 m E. Collected May 26, 1982. Farmstore, 3km N of Donga, Midlands Province. 1250m. Fruits oval, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491312. TGR 1078. Zimbabwe. Latitude: 19 deg 44 m S; Longitude: 030 deg 16 m E. Collected May 26, 1982. Farmstore, 19km SE of Hanke BC, Midlands Province. 1200m. Eaten when young. Primitive Cultivar. Seed.
491313. TGR 1085. Zimbabwe. Latitude: 19 deg 44 m S; Longitude: 030 deg 16 m E. Collected May 26, 1982. Farmstore, 19km SE of Hanke BC, Midlands Province. 1200m. Fruits large, bottle-shaped. Used for vessel. Local name Dende. Primitive Cultivar. Seed.
491314. TGR 1105. Zimbabwe. Latitude: 20 deg 42 m S; Longitude: 030 deg 22 m E. Collected May 27, 1982. Farmstore, 8km SE of Masvingo, Midlands Province. 850m. Fruits round, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491315. TGR 1106. Zimbabwe. Latitude: 20 deg 42 m S; Longitude: 030 deg 22 m E. Collected May 27, 1982. Farmstore, 8km SE of Masvingo, Midlands Province. 850m. Fruits oblong, skin warty. Eaten when young. Primitive Cultivar. Seed.
491316. TGR 1141. Zimbabwe. Latitude: 20 deg 44 m S; Longitude: 030 deg 12 m E. Collected May 27, 1982. Maranda BC, Midlands Province. 850m. Fruit oval, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491317. TGR 1156. Zimbabwe. Latitude: 20 deg 26 m S; Longitude: 030 deg 17 m E. Collected May 28, 1982. Farmstore, 7km N of Zurubi, Midlands Province. 850m. Fruit oval, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491318. TGR 1173. Zimbabwe. Latitude: 20 deg 08 m S; Longitude: 029 deg 57 m E. Collected May 28, 1982. Farmstore, 23km N of Shabani, Midlands Province. 1050m. Fruit oval, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491319. TGR 1244. Zimbabwe. Latitude: 18 deg 01 m S; Longitude: 032 deg 39 m E. Collected June 02, 1982. Farmstore, 4km E of Nyatate, Manicaland Province. 1190m. Used as a vessel. Local name Mukombe. Primitive Cultivar. Seed.
491320. TGR 1249. Zimbabwe. Latitude: 17 deg 50 m S; Longitude: 032 deg 39 m E. Collected June 02, 1982. Farmstore, Nyautare BC, Manicaland Province. 1100m. Fruit skin warty.

491266 TO 491372-continued

Eaten when young. Primitive Cultivar. Seed.

491321. TGR 1265. Zimbabwe. Latitude: 17 deg 47 m S; Longitude: 032 deg 59 m E. Collected June 03, 1982. Farmstore, 1 km SW of Nyanghombe BC, Manicaland Province. 800m. Primitive Cultivar. Seed.
491322. TGR 1271. Zimbabwe. Latitude: 17 deg 47 m S; Longitude: 032 deg 59 m E. Collected June 03, 1982. Farmland, 1 km E of Nyanghombe BC, Manicaland Province. 800m. Fruit oblong, skin smooth. Local name Nhangatanga. Primitive Cultivar. Seed.
491323. TGR 1272. Zimbabwe. Latitude: 17 deg 47 m S; Longitude: 032 deg 59 m E. Collected June 03, 1982. Farmland, 1 km E of Nyanghombe BC, Manicaland Province. 800m. Fruit flask-shaped. Used as vessel. Primitive Cultivar. Seed.
491324. TGR 1282. Zimbabwe. Latitude: 17 deg 54 m S; Longitude: 032 deg 52 m E. Collected June 03, 1982. Farmstore, Kute School, Manicaland Province. 900m. Eaten when young. Local name Nhangatanga. Primitive Cultivar. Seed.
491325. TGR 1291. Zimbabwe. Latitude: 17 deg 52 m S; Longitude: 032 deg 52 m E. Collected June 03, 1982. Farmstore, Nyamurundira, Manicaland Province. 1200m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491326. TGR 1299. Zimbabwe. Latitude: 18 deg 33 m S; Longitude: 032 deg 46 m E. Collected June 07, 1982. Farmstore, Samanga School, Manicaland Province. 850m. Eaten when young. Primitive Cultivar. Seed.
491327. TGR 1300. Zimbabwe. Latitude: 18 deg 33 m S; Longitude: 032 deg 46 m E. Collected June 07, 1982. Farmstore, Samanga School, Manicaland Province. 850m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491328. TGR 1301. Zimbabwe. Latitude: 18 deg 33 m S; Longitude: 032 deg 46 m E. Collected June 07, 1982. Farmstore, Samanga School, Manicaland Province. 850m. Flowers white. Fruit skin warty. Eaten when young. Local name Pfiza. Primitive Cultivar. Seed.
491329. TGR 1302. Zimbabwe. Latitude: 18 deg 33 m S; Longitude: 032 deg 46 m E. Collected June 07, 1982. Farmstore, Samanga School, Manicaland Province. 850m. Fruit skin smooth. Eaten when young. Primitive Cultivar. Seed.
491330. TGR 1315. Zimbabwe. Latitude: 18 deg 34 m S; Longitude: 032 deg 48 m E. Collected June 07, 1982. Farmstore, Honde BC, Manicaland Province. 850m. Fruits grooved, cigar-shaped. Eaten when young. Primitive Cultivar. Seed.

491266 TO 491372-continued

491331. TGR 1323. Zimbabwe. Latitude: 18 deg 36 m S; Longitude: 034 deg 46 m E. Collected June 07, 1982. Farmstore, 5km E of Honde Mission, Manicaland Province. 900m. Mixed sample, warty type and big gourd type. Eaten when young. Used as a vessel. Primitive Cultivar. Seed.
491332. TGR 1329. Zimbabwe. Latitude: 18 deg 36 m S; Longitude: 034 deg 46 m E. Collected June 07, 1982. Farmstore, 4km NE of Honde Mission, Manicaland Province. 900m. Eaten when young. Primitive Cultivar. Seed.
491333. TGR 1345. Zimbabwe. Latitude: 18 deg 36 m S; Longitude: 034 deg 46 m E. Collected June 07, 1982. Farmstore, 4km NE of Honde Mission, Manicaland Province. 900m. Fruit round, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491334. TGR 1394. Zimbabwe. Latitude: 18 deg 18 m S; Longitude: 033 deg E. Collected June 07, 1982. Farmstore, 3km S of Sagambe BC, Manicaland Province. 700m. Fruit flask-shaped. Used as vessel. Primitive Cultivar. Seed.
491335. TGR 1413. Zimbabwe. Latitude: 18 deg 27 m S; Longitude: 032 deg 58 m E. Collected June 08, 1982. Farmstore, Mandeya BC, Manicaland Province. 750m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491336. TGR 1421. Zimbabwe. Latitude: 20 deg 52 m S; Longitude: 032 deg 13 m E. Collected June 09, 1982. Farmstore, 4km NE of Machona School, Manicaland Province. 400m. Fruit flask-shaped. Eaten when young. Primitive Cultivar. Seed.
491337. TGR 1429. Zimbabwe. Latitude: 20 deg 52 m S; Longitude: 032 deg 13 m E. Collected June 09, 1982. Farmstore, 4km NE of Machona School, Manicaland Province. 400m. Fruit flask-shaped. Used as vessel. Primitive Cultivar. Seed.
491338. TGR 1430. Zimbabwe. Latitude: 20 deg 52 m S; Longitude: 032 deg 13 m E. Collected June 09, 1982. Farmstore, 4km NE of Machona School, Manicaland Province. 400m. Primitive Cultivar. Seed.
491339. TGR 1443. Zimbabwe. Latitude: 20 deg 51 m S; Longitude: 032 deg 16 m E. Collected June 09, 1982. Farmstore, 7km N of Chinyankwarwa, Manicaland Province. 400m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491340. TGR 1476. Zimbabwe. Latitude: 17 deg 41 m S; Longitude: 029 deg 45 m E. Collected June 15, 1982. Farmstore, Hombwe BC, Mashonaland West Province. 900m. Eaten when young. Primitive Cultivar. Seed.

491266 TO 491372-continued

491341. TGR 1477. Zimbabwe. Latitude: 17 deg 41 m S; Longitude: 029 deg 45 m E. Collected June 15, 1982. Farmstore, Hombwe BC, Mashonaland West Province. 900m. Eaten when young. Primitive Cultivar. Seed.
491342. TGR 1478. Zimbabwe. Latitude: 17 deg 41 m S; Longitude: 029 deg 45 m E. Collected June 15, 1982. Farmstore, Hombwe BC, Mashonaland West Province. 900m. Fruit apple-shaped. Used as a rattle in dancing. Primitive Cultivar. Seed.
491343. TGR 1485. Zimbabwe. Latitude: 17 deg 45 m S; Longitude: 029 deg 42 m E. Collected June 15, 1982. Farmstore, 10km SW of Hombwe BC, Mashonaland West Province. 900m. Fruit oval, skin warted. Eaten when young and green. Primitive Cultivar. Seed.
491344. TGR 1496. Zimbabwe. Latitude: 17 deg 45 m S; Longitude: 029 deg 43 m E. Collected June 15, 1982. Farmstore, NE of St. Rupert Mission, Mashonaland West Province. 900m. Fruit fluted, skin smooth. Eaten when tender. Primitive Cultivar. Seed.
491345. TGR 1517. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 029 deg 38 m E. Collected June 16, 1982. Farmstore, N of Mapfungwe School, Mashonaland West Province. 880m. Fruit oval, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491346. TGR 1520. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 029 deg 38 m E. Collected June 16, 1982. Farmstore, N of Mapfungwe School, Mashonaland West Province. 880m. Used as a vessel. Local name Mukombe. Primitive Cultivar. Seed.
491347. TGR 1528. Zimbabwe. Latitude: 17 deg 34 m S; Longitude: 029 deg 36 m E. Collected June 16, 1982. Farmstore, E of Gwidzima BC, Mashonaland West Province. 900m. Fruit round, skin warty. Eaten when tender and green. Primitive Cultivar. Seed.
491348. TGR 1529. Zimbabwe. Latitude: 17 deg 34 m S; Longitude: 029 deg 36 m E. Collected June 16, 1982. Farmstore, E of Gwidzima BC, Mashonaland West Province. 900m. Fruit round, skin smooth. Eaten when tender and green. Primitive Cultivar. Seed.
491349. TGR 1549. Zimbabwe. Latitude: 17 deg 33 m S; Longitude: 029 deg 29 m E. Collected June 16, 1982. Farmstore, Obva BC, Mashonaland West Province. 850m. Eaten when tender and green. Primitive Cultivar. Seed.
491350. TGR 1588. Zimbabwe. Latitude: 17 deg 39 m S; Longitude:

491266 TO 491372-continued

- 030 deg 17 m E. Collected June 18, 1982. Farmstore, 1 km E of Zinate BC, Mashonaland West Province. 1280m. Used as a vessel. Local name Mukombe. Primitive Cultivar. Seed.
491351. TGR 1626. Zimbabwe. Latitude: 16 deg 52 m S; Longitude: 029 deg 24 m E. Collected June 21, 1982. Farmstore, 20km SW of Magunje BC, Mashonaland West Province. 1200m. Eaten when tender. Primitive Cultivar. Seed.
491352. TGR 1646. Zimbabwe. Latitude: 16 deg 46 m S; Longitude: 029 deg 24 m E. Collected June 21, 1982. Farmstore, 12km NW of Magunje BC, Mashonaland West Province. 1100m. Local name Mukombe. Primitive Cultivar. Seed.
491353. TGR 1653. Zimbabwe. Latitude: 16 deg 57 m S; Longitude: 029 deg 28 m E. Collected June 22, 1982. Farmstore, 15km SE of Magunje BC, Mashonaland West Province. 1200m. Eaten when tender. Primitive Cultivar. Seed.
491354. TGR 1663. Zimbabwe. Latitude: 16 deg 59 m S; Longitude: 029 deg 27 m E. Collected June 22, 1982. Farmstore, 2km N of Samuriwo, Mashonaland West Province. 1200m. Fruit oval, skin smooth. Eaten when tender. Primitive Cultivar. Seed.
491355. TGR 1664. Zimbabwe. Latitude: 16 deg 59 m S; Longitude: 029 deg 27 m E. Collected June 22, 1982. Farmstore, 2km N of Samuriwo BC, Mashonaland West Province. 1200m. Fruit oval, skin warty. Eaten when young. Primitive Cultivar. Seed.
491356. TGR 1665. Zimbabwe. Latitude: 16 deg 59 m S; Longitude: 029 deg 27 m E. Collected June 22, 1982. Farmstore, 2km N of Samuriwo BC, Mashonaland West Province. 1200m. Fruit oval, ridged. Eaten when tender. Primitive Cultivar. Seed.
491357. TGR 1678. Zimbabwe. Latitude: 17 deg 07 m S; Longitude: 029 deg 20 m E. Collected June 22, 1982. Farmstore, Chief Mujinga, Mashonaland West Province. 1100m. Mixed sample. Primitive Cultivar. Seed.
491358. TGR 1682. Zimbabwe. Latitude: 17 deg 11 m S; Longitude: 029 deg 24 m E. Collected June 22, 1982. Farmstore, Chief Mujinga, Mashonaland West Province. 1100m. Plants viny. Fruits flask-shaped. Used to hold snuff. Primitive Cultivar. Seed.
491359. TGR 1715. Zimbabwe. Latitude: 16 deg 24 m S; Longitude: 029 deg 36 m E. Collected June 23, 1982. Farmland, 4km NE of Chitake River Bridge, Mashonaland West Province. 1200m. Local name Mukombe. Primitive Cultivar. Seed.
491360. TGR 1751. Zimbabwe. Latitude: 16 deg 36 m S; Longitude:

491266 TO 491372-continued

- 029 deg 46 m E. Collected June 24, 1982. Farmstore, 11km W of Kadunga BC, Mashonaland West Province. 1200m. Fruit oval, skin warty. Eaten when young. Primitive Cultivar. Seed.
491361. TGR 1821. Zimbabwe. Latitude: 17 deg 35 m S; Longitude: 031 deg 20 m E. Collected June 29, 1982. Farmstore, 6km S of Nyava BC, Mashonaland Central Province. 1400m. Fruit oval, skin warty. Eaten when tender. Primitive Cultivar. Seed.
491362. TGR 1827. Zimbabwe. Latitude: 17 deg 32 m S; Longitude: 031 deg 27 m E. Collected June 29, 1982. Farmstore, 9km E of Nyava BC, Mashonaland Central Province. 1300m. Fruit skin warty, flesh yellow. Eaten when young. Primitive Cultivar. Seed.
491363. TGR 1903. Zimbabwe. Latitude: 16 deg 37 m S; Longitude: 032 deg 26 m E. Collected July 01, 1982. Farmstore, 8km E of Mary Mount Mission, Mashonaland Central Province. 650m. Used as a vessel. Local name Mukombe. Primitive Cultivar. Seed.
491364. TGR 1905. Zimbabwe. Latitude: 16 deg 37 m S; Longitude: 032 deg 26 m E. Collected July 01, 1982. Farmstore, 8km E of Mary Mount Mission, Mashonaland Central Province. 650m. Fruit small, round. Eaten when young. Primitive Cultivar. Seed.
491365. TGR 1921. Zimbabwe. Latitude: 16 deg 12 m S; Longitude: 031 deg 42 m E. Collected July 02, 1982. Farmstore, Mukumbura, Mashonaland Central Province. 450m. Fruit fluted. Eaten when young. Primitive Cultivar. Seed.
491366. TGR 1922. Zimbabwe. Latitude: 16 deg 12 m S; Longitude: 031 deg 42 m E. Collected July 02, 1982. Farmstore, Mukumbura BC, Mashonaland Central Province. 450m. Fruit round, skin smooth. Eaten. Primitive Cultivar. Seed.
491367. TGR 1923. Zimbabwe. Latitude: 16 deg 12 m S; Longitude: 031 deg 42 m E. Collected July 02, 1982. Farmstore, Mukumbura BC, Mashonaland Central Province. 450m. Fruit cigar-shaped, skin smooth. Eaten when young. Primitive Cultivar. Seed.
491368. TGR 1925. Zimbabwe. Latitude: 16 deg 12 m S; Longitude: 031 deg 42 m E. Collected July 02, 1982. Farmstore, Mukumbura BC, Mashonaland Central Province. 450m. Used as vessel. Local name Mukombe. Primitive Cultivar. Seed.
491369. TGR 1990. Zimbabwe. Latitude: 16 deg 34 m S; Longitude: 031 deg 35 m E. Collected July 04, 1982. Farmstore, Dotito BC, Mashonaland Central Province. 990m. Fruit

491266 TO 491372-continued

flask-shaped, skin smooth. Eaten when tender and smooth.
Primitive Cultivar. Seed.

491370. TGR 1991. Zimbabwe. Latitude: 16 deg 34 m S; Longitude:
031 deg 35 m E. Collected July 04, 1982. Farmstore,
Dotito BC, Mashonaland Central Province. 990m. Fruit
long, skin warty. Eaten when tender. Primitive Cultivar.
Seed.

491371. TGR 1992. Zimbabwe. Latitude: 16 deg 34 m S; Longitude:
031 deg 35 m E. Collected July 04, 1982. Farmstore,
Dotito BC, Mashonaland Central Province. 990m. Fruit
small, skin smooth, flesh red. Eaten when young.
Primitive Cultivar. Seed.

491372. TGR 2025. Zimbabwe. Latitude: 16 deg 15 m S; Longitude:
031 deg 07 m E. Collected July 06, 1982. Farmstore, S of
Msengedzi Mission, Mashonaland Central Province. 300m.
Fruit oval, skin pimpled. Eaten when young. Primitive
Cultivar. Seed.

491373 TO 491378. *Triticum aestivum* L. (Poaceae) Common wheat.

From Pakistan. Donated by Ahmad, Z.; Pakistan Agricultural
Research Council; Islamabad, Pakistan. Received through
IBPGR, Rome Italy.
Received August 1983.

491373. PK 15833. Pakistan. Pak.-Neth. 1981 Expedition to
Baluchistan. PNE 352-2. Collected May 22, 1981. Farm
storage, Kili Haji Babari, Baluchistan Province. 2050m.
Other ident. SVP 3008. Winter Annual. Cultivated. Seed.

491374. PK 15836. Pakistan. Pak.-Neth. 1981 Expedition to
Baluchistan. PNE 353-3. Collected May 22, 1981. Farm
storage, 11.5km from T-cross, Baluchistan Province. 1940m.
Seed.

491375. PK 15843. Pakistan. Pak.-Neth. 1981 Expedition to
Baluchistan. PNE 358-3. Collected May 23, 1981. Farm
storage, Kachi Ahsana, Baluchistan Province. 1840m. Other
ident. SVP 3029. Winter Annual. Cultivated. Seed.

491376. PK 15884. Pakistan. Pak.-Neth. 1981 Expedition to
Baluchistan. PNE 392-3. Collected May 28, 1981. Threshing
place, Raehi, Baluchistan Province. 880m. Other ident.
SVP 3124. Spring Annual. Cultivated. Seed.

491377. PK 15995. Pakistan. Pak.-Neth. 1981 Expedition to
Baluchistan. PNE 400-1. Collected May 29, 1981. Field,
Inam Bostan, Baluchistan Province. 970m. Other ident. SVP
3143. Spring Annual. Cultivated. Seed.

491373 TO 491378-continued

491378. PK 15896. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. PNE 401-1. Collected May 30, 1981. Farm storage, Nushki, Baluchistan Province. 900m. Other ident. SVP 3144. Spring Annual. Cultivated. Seed.

491379 TO 491391. Zea mays L. (Poaceae) Field corn.

From Pakistan. Donated by Ahmad, Z.; Pakistan Agricultural Research Council; Islamabad, Pakistan. Received through IBPGR, Rome Italy.
Received August 1983.

491379. PA 71017. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 193. Collected May 23, 1981. Farmstore, Urk, Baluchistan Province. 2020m. Cultivated. Seed.

491380. PK 71024. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 205. Collected May 26, 1981. Farmstore, before Kalat, Baluchistan Province. 1880m. Cultivated. Seed.

491381. PK 71033. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 244. Collected June 04, 1981. Market, Loralai, Baluchistan Province. 1450m. Cultivated. Seed.

491382. PK 71034. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 245. Collected June 05, 1981. Market, Loralai, Baluchistan Province. 1410m. Cultivated. Seed.

491383. PK 71048. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 358. Collected May 23, 1981. Farmstore, Kachi Ahsana, Baluchistan Province. 1840m. Cultivated. Seed.

491384. PK 71050. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 359. Collected May 23, 1981. Farmstore, Aggbarg, Baluchistan Province. 1970m. Cultivated. Seed.

491385. PK 71052. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 362. Collected May 23, 1981. Farmstore, Sabura, Baluchistan Province. 2200m. Cultivated. Seed.

491386. PK 71055. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 368. Collected May 24, 1981. Farmstore, Chinjan, Baluchistan Province. 1850m. Cultivated. Seed.

491379 TO 491391-continued

491387. PK 71062. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 412. Collected June 03, 1981. Farmstore, Baba Cheena, Baluchistan Province. 2050m. Cultivated. Seed.
491388. PK 71064. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 415. Collected June 04, 1981. Farmstore, Karin Zai Kachh, Baluchistan Province. 1860m. Cultivated. Seed.
491389. PK 71065. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 419. Collected June 05, 1981. Farmstore, Gawal Haider Zai, Baluchistan Province. 1520m. Cultivated. Seed.
491390. PK 71070. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 426. Collected June 06, 1981. Farmstore, Spinzandi, Baluchistan Province. 2280m. Cultivated. Seed.
491391. PK 71071. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. Site No. 427. Collected June 07, 1981. Farmstore, Zargoan, Baluchistan Province. 1890m. Cultivated. Seed.

491392 TO 491393. *Actinidia arguta* (Sieb. & Zucc.) Planch. ex Miq. (Actinidiaceae).

From China, Peoples Repub of. Donated by Shenyang Agricultural College; Shenyang, Liaoning. Received through M. Faust, Fruit Laboratory, USDA-ARS, Beltsville, Maryland. Received September 1984.

491392. China, Peoples Repub of. Liaoning Province. Seed.

491393. China, Peoples Repub of. Liaoning Province. Seed.

491394. *Hibiscus sabdariffa* L. (Malvaceae) Roselle.

From Israel. Collected by N. Vardi; 50 297 Mishmar Hashivah. Received August 1984.

Israel. Collected 1984. Local type. Landrace. Seed.

491395. *Secale cereale* L. (Poaceae) Rye.

From United States. Donated by Reeves, D.; Department of Plant Science, South Dakota State University; Brookings, South Dakota.

491395-continued
Received September 1984.

SD Sel. 75. Frederick. United States. Selection from Von Lochow. Farm, north central South Dakota. Seeds tan, high test weight. Winter Annual. Cultivar. Seed.

491396. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Department of Agronomy, Purdue University; West Lafayette, Indiana.
Received August 1984.

IN 74141A10-5-4-2. Adder. United States. Abe/3/RCT//Knox 62/DLR/4/Knox//Centario/RN/3/Riley/5/Abe/Caldwell. Soft red type. Maturity mid-season, similar to Auburn. Culms short, peduncle snaky, awnlets in upper portion of spike. Seed moderately large. Resistant to diseases and Hessian fly (H6). Milling and baking qualities good. Adapted to Eastern soft wheat region. Winter Annual. Cultivar. Seed.

491397 TO 491406. *Medicago sativa* L. (Fabaceae) Alfalfa.

From China, Peoples Repub of. Donated by Zhang, Yu-Fa; Institute of Animal Science, Chinese Academy of Agricultural Sciences; Malianwa, Hai-dian, Beijing.
Received September 1984.

491397. Bao Ding. China, Peoples Repub of. Hupeh Province. Cultivated. Seed.

491398. He Tian Xin Jing. China, Peoples Repub of. Cultivated. Seed.

491399. Sha Wan. China, Peoples Repub of. Cultivated. Seed.

491400. Shi Jia Zhuang. China, Peoples Repub of. Hupeh Province. Cultivated. Seed.

491401. Wulumuqz Xin Jing. China, Peoples Repub of. Cultivated. Seed.

491402. Xiong Yue. China, Peoples Repub of. Northeast China. Cultivated. Seed.

491403. Yun Cheng. China, Peoples Repub of. Shansi Province. Cultivated. Seed.

491404. Yong Ji. China, Peoples Repub of. Shansi Province. Cultivated. Seed.

491405. China, Peoples Repub of. Kansu Province. Seed.

491397 TO 491406-continued

491406. China, Peoples Repub of. Nei Mongol. Cultivated. Seed.

491407. *Medicago sativa* subsp. *falcata* (L.) Arc. (Fabaceae).

From China, Peoples Repub of. Donated by Zhang, Yu-Fa; Institute of Animal Science, Chinese Academy of Agricultural Sciences; Malianwa, Hai-dian, Beijing. Received September 1984.

China, Peoples Repub of. Nei Mongol. Seed.

491408. *Vicia amoena* Fisch. (Fabaceae).

From China, Peoples Repub of. Donated by Zhang, Yu-Fa; Institute of Animal Science, Chinese Academy of Agricultural Sciences; Malianwa, Hai-dian, Beijing. Received September 1984.

China, Peoples Repub of. Nei Mongol.

491409. X *Triticosecale* (Poaceae) *Triticale*.

From United States. Donated by Morey, D.D.; Department of Agronomy, University of Georgia Coastal Plain Experiment Station; Tifton, Georgia. Received September 1984.

Beagle 82. United States. Selection from Beagle. Maturity early. No vernalization needed. Plants low tillering, taller than semi-dwarf wheat. Straw strong. Leaves long, broad. Heads long, bearded, with rough awns, chaff white, nodding at maturity. Susceptible to *Helminthosporium sativum*, to small amount of leaf rust (*Puccinia recondita tritici*), and European corn borer. Moderately susceptible to bacterial blight (*Xanthomonas campestris* pv *translucens*). Resistant to leaf rust races common to SE US, powdery mildew, smut, ergot and Hessian fly. Spring Annual. Cultivar. Seed.

491410. *Triticum durum* Desf. (Poaceae) *Durum* wheat.

From Pakistan. Donated by Ahmad, Z; Pakistan Agricultural Research Council; Islamabad, Pakistan. Received through IBPGR, Rome, Italy. Received August 1983.

PK 15719. Pakistan. Pak.-Neth. 1981 Expedition to Baluchistan. PNE 215-7. Collected May 28, 1981. Bessima,

491410-continued

Baluchistan Province. 1350m. Other ident. SVP 2650.
Winter Annual. Cultivated. Seed.

491411. *Betula platyphylla* var. *japonica* (Miq.) Hara (Betulaceae).

From United States. Donated by North Central Regional Plant
Introduction Station, USDA-ARS; Ames, Iowa.
Received July 1984.

Japan. Seed donated by American Japan Society of Tokyo.
Plants to 18m. Tree. Seed.

491412 TO 491419. *Iris kaempferi* Sieb. ex Lem. (Iridaceae).

From United States. Donated by Ackerman, W.L.; U.S. National
Arboretum, USDA-ARS; Washington, D.C.
Received September 1984.

491412. B63890. Double Cream. United States. F-6/P-19. Leaves stiff, attractive blue green. Blooming midseason. Flowers on flat plane 10-12cm, giving mass effect at 64cm. Petals 6, ruffled, falls chalk white, with rich heavy substance. Cultivar. Rhizomes.
491413. B63891. Dusk. United States. D5(10-62)/D5(10-58). Blooming early. Flowers 15-18cm, giving mass effect at 86-96cm. Petals 6, violet edges shading deep violet-blue toward center, good substance. Cultivar. Rhizomes.
491414. B63892. Midnight Sky. United States. Selection from seeds irradiated with 5000 R cobalt gamma rays. Blooming midseason. Flowers 10-12cm giving mass effect at 45cm. Petals 6, ruffled, 90 deg from base, deep blue with violet tinge, excellent substance. Stamens petaloid. Cultivar. Rhizomes.
491415. B63893. Lace Ruff. United States. D5(3-55)/D5(5-153). Blooming midseason. Flowers 12-14cm, giving mass effect at 75cm. Petals 9, ruffled, ground color near white with violet veining more concentrated around signal, good substance. Male sterile. Cultivar. Rhizomes.
491416. B63894. Taffeta and Velvet. United States. D5(11-19)/D5(9-144). Blooming early. Flowers 14-16cm across, giving mass effect at 78-94cm. Buds open like carnations. Petals 3, very ruffled at edges, dark purple. Cultivar. Rhizomes.
491417. B63895. Rosy Dawn. United States. Selection of selfed D5(5-39). Blooming late. Flowers 12-14cm across, giving mass effect at 60-62cm. Petals 6, red-purple, darker around signal, style arms dark purple, medium substance.

491412 TO 491419-continued
Cultivar. Rhizomes.

491418. B63896. Dark Enchantment. United States. Selection from selfed A-2(1-139). Blooming midseason. Flowers 10-12cm across, giving mass effect at 90cm. Petals 6, very dark violet, excellent substance. Cultivar. Rhizomes.

491419. B63897. Lavender Lady. United States. Selection from selfed D5(9-17). Blooming midseason. Flowers 10-12cm across, giving mass effect at 55-58cm. Petals 6, ruffled, lavender-violet, style arms white, edged in lavender, good substance, stands up well in heavy rain. Cultivar. Rhizomes.

491420. *Pueraria tonkinensis* Gagnep. (Fabaceae).

From China, Republic of. Donated by Huang, C.; Council for Agricultural Planning and Development, Executive Yuan; Taipei, Taiwan.
Received March 1984.

China, Republic of. Mountain, central part of subtropical Taiwan. 1500m. Perennial vine, twining, densely covered with brown hairs. Leaves trifoliate, leaflets 10-16cm long. Racemes axillary. Flowers dense, 15mm, pink to purple. Pods linear, 5cm long, covered with dense brown hairs. Grows on almost any soil. Tropical, but tolerates light frost. Seed.

491421 TO 491423. *Psophocarpus tetragonolobus* (L.) DC. (Fabaceae)
Winged bean.

From Sri Lanka. Donated by Babu, A.G.C.; The International Dambala (Winged Bean) Institute; Pallekele, Kundasale.
Received October 1984.

491421. SLS 40. Sri Lanka. Galle District. Grows in wet zone. Leaves ovate. Flowers light blue. Seeds brown. Yield 3400 kgs/ha. Cultivated. Seed.

491422. SLS 44. Sri Lanka. Kandy District. Grows in wet zone. Flowers white. Seeds white. Yield 1240 kgs/ha. Cultivated. Seed.

491423. SLS 47. Sri Lanka. Kurunegala. Grows in wet zone. Flowers blue. Seeds brown. Yield 3470 kgs/ha. Cultivated. Seed.

491424. *Echinochloa colonum* (L.) Link (Poaceae) Junglerice.

From United States. Donated by Americus Plant Materials Center,

491424-continued

USDA-SCS; Americus, Georgia. Received through National Plant Materials Center, USDA-SCS, Beltsville, MD. Received October 1984.

T 01973. Baldwin. United States. Baldwin County, Alabama. Plants robust. Used for forage, food for waterfowl. Adapted to southern region where moisture is abundant. Perennial Herb. Cultivar. Seed.

491425 TO 491434. *Aegilops ovata* L. (Poaceae).

From France. Collected by Maillet J.; Moinard, E.; and Cremiere, L.; Lab. de Rech. de la Chaire de Biologie et Pathologie Vegetables, Ecole Nationale Superieure Agron.; Montpellier Cedex, France. Received through IBPGR, Rome Italy. Received December 1983.

491425. St. 2. France. Latitude: 43 deg 17 m N; Longitude: 005 deg 32 m E. Collected June 23, 1983. Farmland, 2km S of St. Mitre, Bouches du Rhone. 110m. Wild/Weedy. Seed.
491426. St. 2 b. France. Latitude: 43 deg 17 m N; Longitude: 005 deg 32 m E. Collected June 23, 1983. Farmland, 2.5km N of St. Mitre, Bouches du Rhone. 110m. Collected 500m from PI 491425. Dense population. Wild. Seed.
491427. St. 3. France. Latitude: 43 deg 19 m N; Longitude: 005 deg 36 m E. Collected June 23, 1983. Farmland, 1 km E of St. Pierre, Bouches du Rhone. 125m. Some seeds black, very distinct from others in mixture. Found mixed with a population of *A. triaristata*. Wild/Weedy. Seed.
491428. St. 4. France. Latitude: 43 deg 21 m N; Longitude: 005 deg 21 m E. Collected June 23, 1983. Farmland, 1 km E of Ensues-la-Pedonne, Bouches du Rhone. Wild/Weedy. Seed.
491429. St. 5. France. Latitude: 43 deg 35 m N; Longitude: 005 deg 22 m E. Collected June 23, 1983. North 2km from L'Abedoule, Bouches du Rhone. 390m. Wild. Seed.
491430. St. 6. France. Latitude: 43 deg 12 m N; Longitude: 005 deg 48 m E. Collected June 23, 1983. Farmland, 1 km NE of Le Beausset, Var. 180m. Wild. Seed.
491431. St. 7. France. Latitude: 43 deg 11 m N; Longitude: 005 deg 56 m E. Collected June 29, 1983. Farmland, 0.5km from Le Revest, Var. 180m. Wild/Weedy. Seed.
491432. St. 8. France. Latitude: 43 deg 14 m N; Longitude: 006 deg 04 m E. Collected June 29, 1983. Farmland, 1 km N of Cuers, Var. 150m. Wild/Weedy. Seed.

491425 TO 491434-continued

491433. St. 9. France. Latitude: 43 deg 19 m N; Longitude: 006 deg 17 m E. Collected June 24, 1983. Farmland, 0.1 km N of Gonfaron, Var. 250m. 250m. Wild/Weedy. Seed.

491434. St. 10. France. Latitude: 43 deg 22 m N; Longitude: 006 deg 13 m E. Collected June 24, 1983. Farmland, 4km N of Flassans, Var. 270m. Populations scattered throughout entire field. Wild/Weedy. Seed.

491435. *Aegilops neglecta* Req. ex Bertol. (Poaceae).

From France. Collected by Maillet J.; Moinard, E.; and Cremiere, L.; Lab. de Rech. de la Chaire de Biologie et Pathologie Vegetables, Ecole Nationale Supérieure Agron.; Montpellier Cedex, France. Received through IBPGR, Rome Italy.
Received December 1983.

St. 5. France. Received as *Aegilops triaristata*. Seed.

491436 TO 491442. *Aegilops triuncialis* L. (Poaceae) Barb goatgrass.

From France. Collected by Maillet J.; Moinard, E.; and Cremiere, L.; Lab. de Rech. de la Chaire de Biologie et Pathologie Vegetables, Ecole Nationale Supérieure Agron.; Montpellier Cedex, France. Received through IBPGR, Rome Italy.
Received December 1983.

491436. St. 5. France. Latitude: 43 deg 35 m N; Longitude: 005 deg 22 m E. Collected June 23, 1983. North, 2km from L'Abadoule, Bouches du Rhone. 390m. Mixed with population of *A. ovata* and *A. triaristata*. Wild. Seed.

491437. St. 6. France. Latitude: 43 deg 12 m N; Longitude: 005 deg 49 m E. Collected June 24, 1983. Farmland, 1 km NE of Beausset, Var. 190m. Very dense population. Wild. Seed.

491438. St. 7. France. Latitude: 43 deg 11 m N; Longitude: 005 deg 56 m E. Collected June 24, 1983. Farmland, 0.5km from Le Revest, Var. 180m. Wild. Seed.

491439. St. 8. France. Latitude: 43 deg 14 m N; Longitude: 006 deg 04 m E. Collected June 24, 1983. Farmland, 1 km from Cuers, Var. 150m. Wild/Weedy. Seed.

491440. St. 9. France. Latitude: 43 deg 19 m N; Longitude: 006 deg 17 m E. Collected June 24, 1983. Farmland, 0.1 km N of Gonfaron, Var. 250m. Found in mixture with *A. ovata*. Wild/Weedy. Seed.

491436 TO 491442-continued

491441. St. 10. France. Latitude: 43 deg 22 m N; Longitude: 006 deg 13 m E. Collected June 24, 1983. Farmland, 4km NW of Flassans, Var. 270m. Seed not very mature. Wild/Weedy. Seed.

491442. St. 14. France. Collected June 25, 1983, Farmland, 1 km E of Le Plan d 'Hups, Var. 600m. Wild/Weedy. Seed.

491443 TO 491504. *Vigna unguiculata* (L.) Walp. subsp. *unguiculata* (Fabaceae) Southern pea.

From Botswana. Collected by deMooy, B.E.; Bean/Cowpea Collaborative Research Support Program, Agency for International Development; Gaborone. Received January 1984.

491443. B002-B. Botswana. Latitude: 23 deg 41 m S; Longitude: 026 deg 39 m E. Village, Mookane, Central District. Cultivated. Seed.

491444. B005-H. Botswana. Latitude: 23 deg 39 m S; Longitude: 026 deg 50 m E. Collected September 1982. Village, Mmaphashalala, Central District. Plants semi-prostrate. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.

491445. B009-A. Botswana. Latitude: 23 deg 35 m S; Longitude: 027 deg 08 m E. Collected September 1982. Village, Khudumatse, Central District. Cultivated. Seed.

491446. B011-B. Botswana. Latitude: 23 deg 12 m S; Longitude: 027 deg 30 m E. Village, Machanang, Central District. Cultivated. Seed.

491447. B012-B. Botswana. Latitude: 23 deg 11 m S; Longitude: 027 deg 26 m E. Collected September 1982. Village, Machanang, Central District. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.

491448. B012-C. Botswana. Latitude: 23 deg 11 m S; Longitude: 027 deg 26 m E. Collected September 1982. Village, Machanang, Central District. Plants semi-prostrate. Racemes indeterminate. Pods formed above leaf layers. Cultivated. Seed.

491449. B013-A. Botswana. Latitude: 23 deg 06 m S; Longitude: 027 deg 36 m E. Collected September 1982. Village, Ngwapa, Central District. Plants semi-erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.

491443 TO 491504-continued

491450. B013-C. Botswana. Latitude: 23 deg 06 m S; Longitude: 027 deg 36 m E. Collected September 1982. Village, Ngwapa, Central District. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491451. B013-D. Botswana. Latitude: 23 deg 06 m S; Longitude: 027 deg 36 m E. Collected September 1982. Village, Ngwapa, Central District. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491452. B020-F. Botswana, Latitude: 23 deg 04 m S; Longitude: 026 deg 48 m E. Collected September 1982. Village, Mahalapye, Central District. Plants semi-prostrate. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491453. B022. Botswana. Latitude: 23 deg 04 m S; Longitude: 026 deg 48 m E. Collected September 1982. Village, Mahalapye, Central District. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491454. B027. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Collected 1975. Agricultural fair, Sebele, South East District. Plants semi-prostrate. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491455. B028. Botswana. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491456. B037. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Collected 1982. Research Station, Sebele, South East District. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491457. B044. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Collected 1982. Research Station, Sebele, South East District. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491458. B047. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Collected 1982. Research Station, Sebele, South East District. Plants semi-prostrate. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491459. B051. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Collected 1982. Research Station, Sebele, South East District. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491460. B055. Botswana. Latitude: 24 deg 34 m S; Longitude: 025

491443 TO 491504-continued

- deg 57 m E. Collected 1982. Research Station, Sebele, South East District. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491461. B056. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Collected 1982. Research Station, Sebele, South East District. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491462. B060. Botswana. Plants erect. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491463. B061. Botswana. Collected 1975. Agricultural Fair. Plants semi-erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491464. B062. Botswana. Plants semi-prostrate. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491465. B063. Botswana. Collected 1975. Agricultural Fair. Plants semi-erect. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491466. B065. Botswana. Plants semi-erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491467. B066. Botswana. Collected 1975. Agricultural Fair. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491468. B067. Botswana. Plants acute erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491469. B069. Botswana. Collected 1975. Agricultural Fair. Plants semi-erect. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491470. B069-D. Botswana. Collected 1975. Agricultural Fair. Cultivated. Seed.
491471. B070. Botswana. Collected 1975. Agricultural Fair. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491472. B071. Botswana. Plants climbing. Racemes indeterminate. Pods formed in all leaf layers. Cultivated. Seed.
491473. B072. Botswana. Collected 1972. Plants climbing. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491474. B073. Botswana. Collected 1978. Plants erect. Racemes

491443 TO 491504-continued

- determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491475. B074. Botswana. Collected 1978. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491476. B075. Botswana. Collected 1978. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491477. B077. Botswana. Latitude: 24 deg 22 m S; Longitude: 025 deg 27 m E. Collected 1981. Village, Molepolole, Kweneng District. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491478. B085. Botswana. Latitude: 23 deg 04 m S; Longitude: 026 deg 48 m E. Collected 1981. Village, Mahalapye, Central District. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491479. B087. Botswana. Collected 1981. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491480. B094. Botswana. Collected 1975. Agricultural Fair. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491481. B102. Botswana. Latitude: 24 deg 54 m S; Longitude: 025 deg 20 m E. Collected 1981. Village, Kanye, Southern District. Plants semi-erect. Racemes indeterminate. Pods formed in upper leaf layers. Cultivated. Seed.
491482. B106. Botswana. Latitude: 25 deg 32 m S; Longitude: 025 deg 21 m E. Collected 1981. Field, Barolong farm, Southern District. Plants semi-prostrate. Racemes indeterminate. Pods formed in all leaf layers. Cultivated. Seed.
491483. B109. Botswana. Collected 1979. Plants semi-erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491484. B110. Botswana. Collected 1978. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491485. B114. Botswana. Collected 1978. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491486. B115. Botswana. Latitude: 24 deg 28 m S; Longitude: 025

491443 TO 491504-continued

- deg 24 m E. Collected March 1980. Field, Kopong, Kweneng District. Plants semi-erect. Racemes determinate. Pods formed in all leaf layers. Cultivated. Seed.
491487. B116. Botswana. Latitude: 24 deg 33 m S; Longitude: 026 deg 02 m E. Collected February 1980. Field, Matabelang, South East District. Plants semi-prostrate. Racemes determinate. Pods formed in all leaf layers. Cultivated. Seed.
491488. B117. Botswana. Latitude: 24 deg 33 m S; Longitude: 026 deg 02 m E. Collected April 1980. Field, Matabelang, South East District. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491489. B130. Botswana. Collected 1977. Field. Plants erect. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491490. B131. Botswana. Collected 1977. Field. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491491. B132. Botswana. Collected 1975. Agricultural Fair. Plants semi-prostrate. Racemes indeterminate. Pods formed in all leaf layers. Cultivated. Seed.
491492. B134. Botswana. Latitude: 24 deg 24 m S; Longitude: 024 deg 16 m E. Collected 1981. Village, Molepolole, Kweneng District. Plants erect. Racemes determinate. Pods formed in upper leaf layers. Cultivated. Seed.
491493. B163. Botswana. Collected 1978. Plants semi-prostrate. Racemes determinate. Pods formed above leaf layers. Cultivated. Seed.
491494. B185. Botswana. Agricultural Fair. Cultivated. Seed.
491495. B187. Botswana. Cultivated. Seed.
491496. B207. Botswana. Latitude: 24 deg 24 m S; Longitude: 024 deg 16 m E. Agricultural Fair, Molepolole, Kweneng District. Cultivated. Seed.
491497. B209. Botswana. Latitude: 24 deg 24 m S; Longitude: 024 deg 16 m E. Agricultural Fair, Molepolole, Kweneng District. Cultivated. Seed.
491498. B211. Botswana. Latitude: 24 deg 24 m S; Longitude: 024 deg 16 m E. Agricultural Fair, Molepolole, Kweneng District. Cultivated. Seed.
491499. B212. Botswana. Latitude: 24 deg 24 m S; Longitude: 024

491443 TO 491504-continued

deg 16 m E. Agricultural Fair, Molepolole, Kweneng District. Cultivated. Seed.

491500. B223. Botswana. Latitude: 24 deg 34 m S; Longitude: 025 deg 57 m E. Research Station, Sebele, South East District. Cultivated. Seed.

491501. B264-D. Botswana. Latitude: 22 deg 17 m S; Longitude: 026 deg 47 m E. Village, Paje, Central District. Cultivated. Seed.

491502. B265. Botswana. Latitude: 22 deg 17 m S; Longitude: 026 deg 47 m E. Village, Paje, Central District. Cultivated. Seed.

491503. B273. Botswana. Latitude: 22 deg 40 m S; Longitude: 027 deg 13 m E. Village, Lecheng, Central District. Cultivated. Seed.

491504. B296-A. Botswana. Cultivated. Seed.

491505. *Ailanthus altissima* (Mill.) Swingle (Simaroubaceae) Tree-of-heaven.

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

22. China, Peoples Repub of. Temperate N and NW China and subtropical and tropical S China. Cultivated. Seed.

491506. *Carpinus turczaninovii* Hance (Betulaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

50. China, Peoples Repub of. Temperate N and NW China. Cultivated. Seed.

491507. *Cornus controversa* Hemsl. (Cornaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

65. China, Peoples Repub of. Subtropical East China. Cultivated. Seed.

491508. *Fraxinus mandshurica* Rupr. (Oleaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

100. China, Peoples Repub of. Cold temperate NE China.
Cultivated. Seed.

491509. *Ginkgo biloba* L. (Ginkgoaceae) Maidenhair-tree.

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

103. China, Peoples Repub of. Subtropical East China,
Temperate N and NW China. Cultivated. Seed.

491510. *Juniperus chinensis* L. (Cupressaceae) Chinese juniper.

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

123. China, Peoples Repub of. Temperate N and NW China.
Cultivated. Seed.

491511. *Koelreuteria paniculata* Laxm. (Sapindaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

128. China, Peoples Repub of. Subtropical East China.
Cultivated. Seed.

491512. *Larix gmelinii* (Rupr.) Rupr. ex Kuzen. (Pinaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

129. China, Peoples Repub of. Cold temperate Northeast
China. Cultivated. Seed.

491513. *Larix gmelinii* var. *olgensis* (Henry) Ostenf. & Syrach-Larsen (Pinaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese

491513-continued

Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

130. China, Peoples Repub of. Cold temperate Northeast
China. Received as *Larix olgensis*. Cultivated. Seed.

491514. *Malus prunifolia* (Willd.) Borkh. (Rosaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese
Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

151. China, Peoples Repub of. Temperate North and
Northwest China. Cultivated. Seed.

491515. *Picea jezoensis* (Sieb. & Zucc.) Carr. (Pinaceae) Yeddo spruce.

From China, Peoples Repub of. Donated by Arboretum of the Chinese
Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

177. China, Peoples Repub of. Cold temperate Northeast
China. Cultivated. Seed.

491516. *Pinus bungeana* Zucc. ex Endl. (Pinaceae) Lacebark pine.

From China, Peoples Repub of. Donated by Arboretum of the Chinese
Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

185. China, Peoples Repub of. Temperate North and
Northwest China. Cultivated. Seed.

491517. *Pinus densiflora* Sieb. & Zucc. (Pinaceae) Japanese red pine.

From China, Peoples Repub of. Donated by Arboretum of the Chinese
Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

187. China, Peoples Repub of. Cold temperate Northeast
China. Cultivated. Seed.

491518. *Pinus koraiensis* Sieb. & Zucc. (Pinaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese
Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

190. China, Peoples Repub of. Cold temperate Northeast China. Cultivated. Seed.

491519. *Pinus sylvestris* var. *mongolica* Litv. (Pinaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

194. China, Peoples Repub of. Cold temperate Northeast China. Cultivated. Seed.

491520. *Pinus thunbergii* Parl. (Pinaceae) Japanese black pine.

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

196. China, Peoples Repub of. Cold temperate Northeast China. Received as *Pinus thunbergiana*. Cultivated. Seed.

491521. *Thuja orientalis* L. (Cupressaceae) Oriental arborvitae.

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

41. China, Peoples Repub of. Temperate North and Northwest China. Received as *Biota orientalis*. Cultivated. Seed.

491522. *Zelkova schneideriana* Hand.-Mazz. (Ulmaceae).

From China, Peoples Repub of. Donated by Arboretum of the Chinese Academy of Forestry; Wan Shou Shan, Beijing.
Received August 1984.

262. China, Peoples Repub of. Subtropical East China. Cultivated. Seed.

491523 TO 491531. *Zea mays* L. (Poaceae) Field corn.

From Morocco. Donated by Finley, W.F.; USAID-MIAC-MAROC Project; Casablanca. Received through USAID-MIAC-MAROC Project.
Received September 1984.

491523. C-39. Morocco. Chaouia Region, 32km S of Berrchid. Landrace. Seed.

491524. D-8. Morocco. Doukkala Region, along coast between El Jadida and Safi. Related to D-161, D-167 and D-177.

491523 TO 491531-continued

- Landrace. Seed.
491525. D-161. Morocco. Doukkala Region, along coast between El Jadida and Safi. Related to D-8, D-167 and D-177. Landrace. Seed.
491526. D-167. Morocco. Doukkala Region, along coast between El Jadida and Safi. Related to D-8, D-161 and D-177. Landrace. Seed.
491527. D-177. Morocco. Doukkala Region, along coast between El Jadida and Safi. Related to D-8, D-161 and D-167. Landrace. Seed.
491528. DVM-186-1-1-2. Morocco. Desert, 96km west of Marrakesh, near Chichaoua. Grown in oases. DVM means Depart Variete Marocaine. Landrace. Seed.
491529. 12-DVM-119-31-S1. Morocco. Mountains near Azrou, south of Fes. DVM means Depart Variete Marocaine. Landrace. Seed.
491530. Berrchid. Morocco. Berrchid, 32km south of Casablanca. Early type. Landrace. Seed.
491531. Tata. Morocco. Desert, Tata, southern Morocco. Grown in oases. Used for bread and couscous. Landrace. Seed.

491532 TO 491533. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Taylor, G.A.; Department of Plant and Soil Science, Montana State University; Bozeman, Montana.
Received December 1984.

491532. MT 77063. Cree. United States. MT 7302/4*Cheyenne. Hard red type. Plants semidwarf, stiff-strawed, very shatter resistant. Heads awned, fusiform, upright. Seeds hard, red, midlong. Maturity, winterhardiness and height similar to Cheyenne, but outyields Cheyenne 2-5%. Milling, baking, protein qualities satisfactory. Intermediate field reaction to stripe rust (*Puccinia striiformis*) and to bacterial leaf spot (*Pseudomonas syringae*). Susceptible to stem rust (*Puccinia graminis* f. sp. *tritici*). Winter Annual. Cultivar. Seed.
491533. MT 7877. Norwin. United States. Froid/Winoka//MT 6928/Trader. Hard red type. Plants semidwarf, stiff-strawed, lodging and shatter resistant. Juvenile growth prostrate. Heads awned, mid-dense, fusiform, upright. Seeds hard, red, midlong. Plants very winterhardy, high yielding with acceptable milling and baking qualities. Resistant to

491532 TO 491533-continued

stem rust, stripe rust (*Puccinia striiformis*), tan spot (*Pyrenophora tritici-repentis*). Susceptible to bacterial leaf spot. Winter Annual. Cultivar. Seed.

491534. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Hockett, E.A.; Plant and Soil Science Department, Montana State University; Bozeman, Montana.

Received October 1984.

MT 313104. Gallatin. United States. Summit/Hector. Two-rowed type. Spring Annual. Cultivar. Seed.

491535. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Department of Agronomy and Soils, Washington State University; Pullman, Washington.

Received October 1984.

WA Sel. 2905-75. Showin. United States. 68-1448/2116-67. Semi-dwarf 6-row type. Straw short, moderately stiff. Head lax with little nodding, beard rough. Seed relatively small, long, thin. Aleurone white. Yield 12-14% greater than Kamiak or Boyer. Moderately susceptible to scald (*Rhynchosporium secalis*). Less susceptible to Cephalosporium stripe than Kamiak or Boyer. Used for feed. Adapted to dryland or irrigation in eastern Washington, northern Idaho and eastern Oregon. Winter Annual. Cultivar. Seed.

491536. *Trifolium alexandrinum* L. (Fabaceae) Berseem clover.

From Italy. Donated by Sisforaggera; 40122 Bologna. Received August 1984.

Sacromonte. Italy. Cultivar. Seed.

491537. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Department of Agronomy, University of Wisconsin; Madison, Wisconsin.

Received October 1984.

K1372-2. Charmany. United States. Lancota/4/2*Racine/3/Knox/2/BN 10-1/H483a-3-1-5. Soft red type, about 1% are tall. Maturity one day after Argee. Good winterhardness, good straw strength. Seeds large. Yield good, competitive with Argee. Resistance to leaf rust, stem rust and bunt

491537-continued

better than Argee. Milling and baking qualities good.
Winter Annual. Cultivar. Seed.

491538 TO 491546. *Solanum tuberosum* L. (Solanaceae) Potato.

From Peru. Donated by Centro Internacional de la Papa; Lima.
Received October 1984.

491538. 377257.1. LT-1. Peru. Lowland tropic type. Cultivated.
Meristem Cultures.

491539. 377258.1. LT-2. Peru. Lowland tropic type. Cultivated.
Meristem Cultures.

491540. 377319.7. LT-4. Peru. Lowland tropic type. Cultivated.
Meristem Cultures.

491541. 720031. Ica Nevada. Peru. Cultivated. Meristem Cultures.

491542. 720071. Monserrate. Peru. Cultivated. Meristem Cultures.

491543. 720072. Tomasa Condemayta. Peru. Cultivated. Meristem
Cultures.

491544. 800144. DTO-2. Peru. Cultivated. Meristem Cultures.

491545. 800169. DTO-28. Peru. Cultivated. Meristem Cultures.

491546. 800301. N-565.1. Peru. Cultivated. Meristem Cultures.

491547. *Solanum tuberosum* L. (Solanaceae) Potato.

From Soviet Union. Donated by Lekhnovitch, V.S.; Department of
Tuberiferous Plants, N.I. Vavilov Institute of Plant
Industry; Leningrad.
Received October 1984.

Tstrihskij. Soviet Union. Cultivated. Tubers.

491548. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Jilin Academy of
Agricultural Science; Gongzhuling, Jilin Province.
Received October 1984.

GD 2256. Shi Jin Wang. China, Peoples Repub of.
Cultivated. Seed.

491549. X *Triticosecale* (Poaceae) Triticale.

From United States. Donated by Qualset, C.O.; Department of Agronomy and Range Science, University of California; Davis, California.
Received October 1984.

Juan. Mexico. Juanillo-168. CIMMYT, Mexico D.F. X-21295/ (DRIRA/Kiss-Arm). Entry 189 in ITSN. Plants relatively tall, 115 to 120cm under irrigation. Maturity 4-6 days earlier than Siskiyou triticale. Straw strength good. Spikes long, lax, nod at maturity, shatter resistance good. Seed long, red, good quality. Test weight, smoothness good. Forage yield high. Spring Annual. Cultivar. Seed.

491550. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Brown, A.R.; Department of Agronomy, University of Georgia; Athens, Georgia.
Received October 1984.

GA 79-433. Kline. United States. TX70 D627/Burk 71. Plants tall, 6-rowed type. Maturity late. Heads medium long, nodding. Seeds long, plump, yellow. Yield high, 3.5% more than Volbar. Resistant to spot blotch, *Cochliobolus sativus*; to barley yellow dwarf virus. Moderately resistant to leaf rust, *Puccinia hordei*; to scald, *Rhynchosporium secalis*. Moderately susceptible to septoria nodorum blotch, *Leptosphaeria nodorum*. Susceptible to powdery mildew, *Eurusiphe graminis* f. sp. *hordei*, and loose smut, *Ustilago nuda*. Winter Annual. Cultivar. Seed.

491551. *Cortaderia selloana* (Schult.) Aschers. & Graebn. (Poaceae) Pampasgrass.

From United Kingdom. Donated by Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Received August 1984.

United Kingdom. Cultivated. Plants.

491552. *Ehrharta* sp. (Poaceae).

From Kenya. Donated by Imbamba, S.K.; Nairobi.
Received August 1984.

Kenya. Plants.

491553. *Pseudobromus* sp. (Poaceae).

From Kenya. Donated by Imbamba, S.K.; Nairobi.
Received August 1984.

Kenya. Plants.

491554. *Cynodon plectostachyus* (K. Schum.) Pilg. (Poaceae) Stargrass.

From Haiti. Donated by Wynne, V.A.; Haiti Seed Store; Petion-
Ville.
Received August 1984.

Haiti. Latitude: 18 deg N. Mountains above Kenscoff,
suburb of Port-au-Prince. 1800m. Drought tolerant.
Perennial Herb. Wild. Rhizomes.

491555. *Panicum boliviense* Hack. (Poaceae).

From Argentina. Collected by Zuloaga, F.O.; Instituto de Botanica
Darwinion; San Isidro, Buenos Aires.
Received August 1984.

101. Argentina. Collected May 07, 1984. Road to Puerto
Canoas, Iguazi Department, Misiones Province. Wild.
Plants.

491556. *Panicum decipiens* Nees (Poaceae) Panicgrass.

From Argentina. Collected by Zuloaga, F.O.; Instituto de Botanica
Darwinion; San Isidro, Buenos Aires.
Received August 1984.

107. Argentina. Collected April 28, 1984. Punta Lara,
Buenos Aires Province. Wild. Plants.

491557. *Panicum grumosum* Nees (Poaceae).

From Argentina. Collected by Zuloaga, F.O.; Instituto de Botanica
Darwinion; San Isidro, Buenos Aires.
Received August 1984.

106. Argentina. Collected April 28, 1984. Wild. Plants.

491558 TO 491561. *Cynodon transvaalensis* Burt Davy (Poaceae).

From South Africa. Donated by Division of Plant and Seed Control;
Pretoria 0001.
Received August 1984.

491558 TO 491561-continued

491558. South Africa. Rhizomes.

491559. South Africa. Rhizomes.

491560. South Africa. Rhizomes.

491561. South Africa. Rhizomes.

491562. *Cynodon* sp. (Poaceae).

From Kenya. Donated by Department of Botany, University of Nairobi; Nairobi.

Received August 1984.

Kenya. Cuttings.

491563. *Eleusine jaegeri* Pilger (Poaceae).

From Kenya. Donated by Department of Botany, University of Nairobi; Nairobi.

Received August 1984.

Kenya. Cuttings.

491564. *Hyparrhenia* sp. (Poaceae).

From Kenya. Donated by Department of Botany, University of Nairobi; Nairobi.

Received August 1984.

Kenya. Cuttings.

491565 TO 491566. *Oplismenus* sp. (Poaceae).

From Kenya. Donated by Department of Botany, University of Nairobi; Nairobi.

Received August 1984.

491565. Kenya. Cuttings.

491566. Kenya. Cuttings.

491567. *Setaria* sp. (Poaceae).

From Kenya. Donated by Department of Botany, University of Nairobi; Nairobi.

Received August 1984.

Kenya. Cuttings.

491568 TO 491571. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Cholick, F.A.; Department of Plant Science, South Dakota State University; Brookings, South Dakota.

Received November 1984.

491568. SD 2956. United States. Butte/Co. 53427//WS1809. Hard red type. Maturity medium. Plants semi-dwarf. Chaff white. Very resistant to seedling stem rust races HJCS, QFBS, QSHS, RHRS, RKQS and TNMK; resistant to races RTQQ, RTQS, TNMH. Resistant to leaf rust. Spring Annual. Cultivated. Seed.

491569. SD 2968. United States. Era/ND 496//Wheaton. Hard red type. Maturity medium. Plants semi-dwarf. Chaff white. Very resistant to seedling stem rust races HJCS, QFBS, QSHS, RHRS, RKQS and TNMK; resistant to race RTQS. Resistant to leaf rust. Spring Annual. Cultivated. Seed.

491570. SD 8026. United States. Coteau/Dawn. Hard red type. Heading early. Plants tall, awned. Chaff white. Resistant to Great Plains Hessian fly, "Marquillo type resistance". Resistant or moderately resistant to seedling stem rust races HJCS, QFBS, QSHS, RHRS, RKQS, RTQQ, RTQS, TNMH, TNMK. Resistant to leaf rust. Spring Annual. Cultivated. Seed.

491571. SD 8036. United States. Butte #2/Arthur 71. Hard red type. Heading early. Plants semi-dwarf. Chaff white. Resistant to Great Plains Hessian fly. Resistant or moderately resistant to seedling stem rust races HJCS, QFBS, QSHS, RHRS, RKQS, RTQQ, RTQS, TNMH, TNMK. Resistant to leaf rust. Spring Annual. Cultivated. Seed.

491572. *Triticum aestivum* L. (Poaceae) Common wheat.

From Belgium. Donated by Station d'Amelioration des Plantes; B-5800 Gembloux-Sur-Orneau.

Received November 1984.

Odeon. Belgium. Gema/Zemon. Hard red type. Plants midtall. Maturity medium. Spike white, inclined at maturity. Seeds red, short to midlong. Satisfactory milling and baking qualities. Fairly resistant to yellow and brown rusts, powdery mildew and Septoria leaf blotch. Susceptible to eye spot. Winter Annual. Cultivar. Seed.

491573. *Hordeum vulgare* L. (Poaceae) Barley.

From Canada. Donated by Kibite, S.; Research Station, Agriculture Canada; Lacombe, Alberta.
Received November 1984.

PGR12328. Diamond. Canada. Galt/Unitan. Six-rowed type. Plants about 73cm tall. Maturity 2-4 days earlier than Galt and Johnston. Spikes medium-long, nodding, lax. Seeds long, medium-wide. Yield higher than other cvs. in maturity group. Straw strength, lodging resistance superior to Bonanza and Johnston. Resistant to stem rust, net blotch and surface borne smuts. Susceptible to common root rot, scald and loose smut. Protein content medium. Used for feed. Adapted to Western Canada. Spring Annual. Cultivar. Seed.

491574 TO 491575. *Hordeum vulgare* L. (Poaceae) Barley.

From Sweden. Donated by Ewertson, G.; Weibullsholm Plant Breeding Institute; Landskrona.
Received November 1984.

491574. Weibull 6482. Birka. Sweden. Baladi 16/2*Rika//2*Tellus/3/Monte Cristo/4*Tellus*2. Two-row type. Maturity medium early. Straw medium long, very stiff, highly resistant to breaking. Seeds large, high in protein. Yield high. Malt extract content moderately high. Resistant to specific races of powdery mildew, *Erysiphe graminis*. Less susceptible to net blotch than Tellus. Resistant to specific races of brown rust, *Puccinia hordei*. Spring Annual. Cultivar. Seed.

491575. Weibull 6403. Harry. Sweden. Two-row type. Maturity medium early. Seed very large. Yield very high. Malt extract content and Alpha-amylase activity relatively high. Resistant to specific mildew races. Resistant to *Ustilago nuda*. Resistance low to sprouting in the spike. Spring Annual. Cultivar. Seed.

491576. *Dasypyrum villosum* (L.) Candargy (Poaceae).

From Italy. Collected by Chapman, C.; Wheat and Barley Officer, IBPGR; Rome.
Received August 1984.

Italy. Roadside, Rome. Received as *Triticum boeoticum*. Wild. Seed.

491577. *Nicotiana tabacum* L. (Solanaceae) Tobacco.

From Poland. Donated by Plant Breeding and Acclimation Institute,

491577-continued

National Department of Plant Genetic Resources; Radzikow,
05-870 Blonie.
Received October 1984.

80111. Pudawski 66cms. Poland. Tobacco Lab., USDA-ARS,
Beltsville, MD. TI 1661. Male sterile line with *Nicotiana
glauca* cytoplasm. Breeding Material. Seed.

491578 TO 491579. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Jilin Academy of
Agricultural Sciences; Gongzhuling, Jilin Province.
Received through U.S. Delegation to PRC/USA Soybean
Symposium of Changchun, July 1983. Code numbers refer to
Conservation designations.
Received November 1984.

491578. GD 2408. Hejiao 6. China, Peoples Repub of. Seed.

491579. GD 3264. Jilin 19. China, Peoples Repub of. Different
from earlier accessions designated as Jilin 19. Seed.

491580 TO 491581. *Zea mays* L. (Poaceae) Corn.

From Bulgaria. Donated by Tomov, N.; Maize Research Institute-
Kneja; Kneja.
Received September 1984.

491580. AT-2. Bulgaria. Synthetic of local varieties. Maturity
extra early. Cultivated. Seed.

491581. Shipchanovo (Wunza Hobo). Bulgaria. Local type. Maturity
extra early. Cultivated. Seed.

491582 TO 491583. *Allium fistulosum* L. (Amaryllidaceae) Bunching onion.

From China, Peoples Repub of. Donated by Chen, Shu Ying; Beijing
Vegetable Research Centre; Beijing.
Received November 1984.

491582. Da Wu Tong. China, Peoples Repub of. Shandong.
Cultivated. Seed.

491583. Da Wu Tong. China, Peoples Repub of. Beijing. Cultivated.
Seed.

491584 TO 491673. *Carica papaya* L. (Caricaceae) Papaya.

From Nigeria. Donated by Badra, T.; National Horticultural

491584 TO 491673-continued

Research Institute (NIHORT), FAO; Ibadan.

Received October 1984.

491584. TB81/547. Nigeria. Latitude: 12 deg N; Longitude: 008 deg 30 m E. Collected May 25, 1981. Market, Kano, Kano. Fruit large, roundish. Flesh orange, reasonably sweet. Seeds brown. Seed.
491585. TB81/631. Nigeria. Latitude: 07 deg 56 m N; Longitude: 004 deg 05 m E. Collected June 03, 1981. Ibode, Oyo. Fruit medium, oval, smooth, 35.5cm long. Flesh orange, smooth, sweet. Seeds numerous, dark. Seed.
491586. TB81/671. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected September 25, 1981. Odo-oba, Oyo. Fruit small, oval, 40cm long. Seeds few, black. Seed.
491587. TB81/672. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected September 25, 1981. Odo-oba, Oyo. Fruit massive, ridged, pointed end, 32.0cm long. Flesh light orange, reasonably sweet. Seeds many, light. Seed.
491588. TB81/673. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected September 25, 1981. Odo-oba, Oyo. Fruit large, inflated, ridged, 22.0cm long. Flesh reddish, very sweet. Seeds many. Seed.
491589. TB81/681. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected September 25, 1981. Odo-oba, Oyo. Fruit small, oval, ridged, 12.5cm long. Flesh orange, sweet. Seeds many. Seed.
491590. TB81/682. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected September 25, 1981. Odo-oba, Oyo. Fruit small, elongated, 13.0cm long. Flesh orange, sour. Seeds many, white and black. Seed.
491591. TB81/689. Nigeria. Seed.
491592. TB82/805. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected January 05, 1982. Odo-oba, Oyo. Fruit small, elongated, non-ridged skin, dagger-like, 17.0cm long. Flesh firm, bright orange, sweet. Central cavity small. Seeds few, black. Seed.
491593. TB82/806. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected January 05, 1982. Odo-oba, Oyo. Fruit small, elongated, non-ridged skin, pointed, 20.cm long. Flesh firm, orange, sweet. Seeds many, dark. Seed.
491594. TB82/807. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected January 05, 1982. Odo-oba, Oyo.

491584 TO 491673-continued

- Fruit elongated, non-ridged, 29.0cm long. Flesh firm, orange, reasonably sweet. Seeds few, white. Seed.
491595. TB82/808. Nigeria. Latitude: 08 deg 03 m N; Longitude: 004 deg 10 m E. Collected January 05, 1982. Odo-oba, Oyo. Fruit small, elongated, non-ridged skin, 24.0cm long. Flesh reddish, sweet. Seeds many, black. Seed.
491596. TB82/810. Nigeria. Latitude: 07 deg 41 m N; Longitude: 003 deg 49 m E. Collected January 05, 1982. Fiditi, Oyo. Fruit large, smooth, round base, neck, 26.5cm long. Flesh bright orange, reasonably sweet. Seed.
491597. TB82/814. Nigeria. Latitude: 07 deg 41 m N; Longitude: 003 deg 49 m E. Collected January 05, 1982. Fiditi, Oyo. Fruit elongated, round, smooth, 24.0cm long. Flesh firm, bright orange, sweet. Seeds many, black. Seed.
491598. TB82/816. Nigeria. Latitude: 07 deg 41 m N; Longitude: 003 deg 49 m E. Collected January 05, 1982. Fiditi, Oyo. Fruit small, round, tip end furrowed, 17.0cm long. Flesh bright, sweet. Large central cavity. Seeds many, dark. Seed.
491599. TB82/818. Nigeria. Latitude: 07 deg 41 m N; Longitude: 003 deg 49 m E. Collected January 05, 1982. Fiditi, Oyo. Fruit very elongated, smooth, 36.0cm long. Flesh reddish, firm, sweet. Seeds few, dark. Seed.
491600. TB82/833. Nigeria. Latitude: 08 deg 06 m N; Longitude: 004 deg 12 m E. Collected January 05, 1982. Idito, Oyo. Fruit small, irregularly round, 15cm long. Flesh firm, dark orange, very sweet. Seeds many, dark. Seed.
491601. TB82/906. Nigeria. Latitude: 07 deg 41 m N; Longitude: 003 deg 49 m E. Collected January 05, 1982. Fiditi, Oyo. Fruit medium, round. Flesh firm, non-sweet. Large central cavity. Seeds many, black. Seed.
491602. TB82/979. Nigeria. Latitude: 07 deg 56 m N; Longitude: 004 deg 05 m E. Collected January 05, 1982. Idode, Oyo. Fruit elongated, tip end, 17.0cm long. Flesh firm, bright orange, sweet. Seeds many, dark. Seed.
491603. TB82/980. Nigeria. Latitude: 07 deg 56 m N; Longitude: 004 deg 05 m E. Collected January 05, 1982. Idode, Oyo. Fruit elongated, pointed, 20.0cm long. Flesh orange, very sweet. Seeds many, gray. Seed.
491604. TB82/1056. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit small, round, 14.0cm long. Flesh firm, bright orange, sweet. Large central cavity. Seeds many, dark.

491584 TO 491673-continued

Seed.

491605. TB82/1057. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit large, elongate, 37cm long. Flesh firm, bright orange, sweet. Seeds few, black. Seed.
491606. TB82/1058. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit elongated, banana-like, 25cm long. Flesh light orange, sweet. Very small central cavity. Seeds few, gray. Seed.
491607. TB82/1123. Nigeria. Majeroku, Oyo. Seed.
491608. TB82/1125. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit small, subround, 19.5cm long. Flesh firm, orange, sweet. Large central cavity. Seeds large. Seed.
491609. TB82/1126. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit small, round, 20cm long. Flesh firm, orange, sweet. Large central cavity. Seeds many, dark. Seed.
491610. TB82/1128. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit medium, elongated, pointed end, 28.5cm long. Flesh firm, sweet. Very large central cavity. Seeds few, dark. Seed.
491611. TB82/1129. Nigeria. Latitude: 07 deg 28 m N; Longitude: 004 deg 26 m E. Collected February 1982. Majeroku, Oyo. Fruit elongate, banana-like, 30cm long. Flesh orange, sweet. Very narrow central cavity. Seeds few, gray. Seed.
491612. TB82/1133. Nigeria. Latitude: 07 deg 19 m N; Longitude: 004 deg 10 m E. Collected February 1982. Ikire, Oyo. Fruit large, oval, pointed, 33cm long. Flesh firm, sweet. Very large central cavity. Seeds few, only 38. Seed.
491613. TB82/1282. Nigeria. Latitude: 07 deg 42 m N; Longitude: 003 deg 52 m E. Collected March 1982. Orile Odo, Ogun. Fruit small, subround, pointed, furrowed, 21.3cm long. Flesh soft, bright orange, sweet. Seeds many, gray. Seed.
491614. TB82/1283. Nigeria. Latitude: 07 deg 42 m N; Longitude: 003 deg 52 m E. Collected March 1982. Orile Odo, Ogun. Fruit small, round, pointed, furrowed, 18.0cm long. Flesh bright orange, sweet. Seeds many, gray. Seed.
491615. TB82/1284. Nigeria. Latitude: 07 deg 42 m N; Longitude: 003 deg 52 m E. Collected March 1982. Orile Odo, Ogun.

491584 TO 491673-continued

- Fruit small, round, ridged, pointed, 19.0cm long. Flesh bright orange. Seeds many, gray. Seed.
491616. TB82/1286. Nigeria. Latitude: 07 deg 42 m N; Longitude: 003 deg 52 m E. Collected March 1982. Orile Odo, Ogun. Fruit small, round, pointed, ridged, 25cm long. Flesh bright orange, soft, very sweet. Large central cavity. Seeds many, gray. Seed.
491617. TB82/1289. Nigeria. Latitude: 07 deg 42 m N; Longitude: 003 deg 52 m E. Collected March 1982. Orile Odo, Ogun. Fruit subround, pointed, ridged, 21.2cm long. Flesh firm, bright orange. Large central cavity. Seeds many, gray. Seed.
491618. TB82/1290. Nigeria. Latitude: 07 deg 42 m N; Longitude: 003 deg 52 m E. Collected March 1982. Orile Odo, Ogun. Fruit small, round, ridged, 19.8cm long. Flesh firm, bright, orange, sweet. Large central cavity. Seeds many, gray. Seed.
491619. TB82/1527. Nigeria. Seed.
491620. TB82/1530. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Fruit small, elongated, smooth, 23.5cm long. Flesh firm, bright yellow, sweet. Seeds few, dark. Seed.
491621. TB82/1531. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Fruit medium, elongated, smooth, 27.0cm long. Flesh firm, yellow, sweet. Seeds few, dark. Seed.
491622. TB82/1532. Nigeria. Latitude: 05 deg 27 m N; Longitude: 008 deg 03 m E. Collected November 22, 1982. Ikot okpora, Cross River. Fruit medium, elongated, smooth, 25.0cm long. Flesh firm, yellow, sweet. Seeds dark. Seed.
491623. TB82/1534. Nigeria. Latitude: 05 deg 27 m N; Longitude: 008 deg 03 m E. Collected November 22, 1982. Okot okpora, Cross River. Fruit medium, elongated, smooth, 25.5cm long. Flesh yellow. Seeds many, dark. Seed.
491624. TB82/1536. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Seeds dark. Seed.
491625. TB82/1539. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Seed.
491626. TB82/1540. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar,

491584 TO 491673-continued

Cross River. Seed.

491627. TB82/1541. Nigeria. Latitude: 06 deg 08 m N; Longitude: 006 deg 52 m E. Collected November 29, 1982. Onitsha, Anambra. Fruit large, elongated, smooth, 30.0cm long. Flesh bright yellow. Seeds many, gray. Seed.
491628. TB82/1545. Nigeria. Latitude: 06 deg 08 m N; Longitude: 006 deg 52 m E. Collected November 29, 1982. Onitsha, Anambra. Seed.
491629. TB82/1547. Nigeria. Latitude: 06 deg 08 m N; Longitude: 006 deg 52 m E. Collected November 29, 1982. Onitsha, Anambra. Fruit medium, yellow, smooth, 24.5cm long. Flesh bright yellow, sweet. Seeds few, dark. Seed.
491630. TB82/1550. Nigeria. Latitude: 06 deg 08 m N; Longitude: 006 deg 52 m E. Collected November 29, 1982. Onitsha, Anambra. Fruit medium, elongated, smooth, pointed, 26.0cm long. Flesh orange, sweet. Very large central cavity. Seeds many, dark. Seed.
491631. TB82/1551. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit medium, round, 24.5cm long. Flesh firm, sweet. Very large central cavity. Seeds few, dark. Seed.
491632. TB82/1552. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit small, elongated, 21.0cm long. Flesh firm, yellow, sweet. Large central cavity. Seed.
491633. TB82/1554. Nigeria. Latitude: 05 deg 07 m N; Longitude: 007 deg 50 m E. Collected November 25, 1982. Ibiapage, Cross River. Fruit medium, subround, smooth, 27.0cm long. Flesh firm, light yellow, sweet. Very large central cavity. Seeds many, dark. Seed.
491634. TB82/1556. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit medium, subround, smooth, 26.0cm long. Flesh firm, sweet. Very large central cavity. Seeds few, dark. Seed.
491635. TB82/1557. Nigeria. Latitude: 05 deg 18 m N; Longitude: 008 deg 21 m E. Collected November 24, 1982. Okomita, Cross River. Fruit small, elongated, smooth, 24.0cm long. Flesh yellow. Large central cavity. Seeds many, dark. Seed.
491636. TB82/1558. Nigeria. Latitude: 05 deg 18 m N; Longitude: 008 deg 21 m E. Collected November 24, 1982. Okomita,

491584 TO 491673-continued

- Cross River. Fruit small, elongated, 24.5cm long. Flesh soft, yellow. Seeds many, gray. Seed.
491637. TB82/1560. Nigeria. Latitude: 05 deg 18 m N; Longitude: 008 deg 21 m E. Collected November 24, 1982. Okomita, Cross River. Seeds many, dark. Seed.
491638. TB82/1561. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 24, 1982. Ikat Ekpene, Cross River. Fruit medium, subround, smooth, 23.5cm long. Flesh firm, sweet. Very large central cavity. Seeds few, dark. Seed.
491639. TB82/1562. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikat Ekpene, Cross River. Fruit large, elongated, smooth. Seeds many, gray. Seed.
491640. TB82/1563. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikat Ekpene, Cross River. Fruit large, dagger-like, smooth, 46.0cm long. Flesh firm, yellow, sweet. Small central cavity. Seeds many, dark. Seed.
491641. TB82/1564. Nigeria. Latitude: 05 deg 07 m N; Longitude: 007 deg 24 m E. Collected November 25, 1982. Aba, Imo. Fruit large, subround, smooth 28.0cm long. Flesh bright yellow, sweet. Large central cavity. Seeds many, dark. Seed.
491642. TB82/1565. Nigeria. Latitude: 05 deg 07 m N; Longitude: 007 deg 51 m E. Collected November 25, 1982. Ibiampa, Cross River. Fruit medium, elongated, 31.0cm long. Flesh light orange, sweet. Narrow central cavity. Seeds many, dark. Seed.
491643. TB82/1568. Nigeria. Latitude: 05 deg 07 m N; Longitude: 007 deg 24 m E. Collected November 25, 1982. Aba, Imo. Fruit small, roundish, 20.0cm long, sweet. Flesh firm, bright yellow. Very narrow central cavity. Seeds dark. Seed.
491644. TB82/1571. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit large, subround, 32.0cm long. Flesh firm, orange, sweet. Large central cavity. Seeds few, dark. Seed.
491645. TB82/1573. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit medium, dagger-like, 33cm long. Flesh orange. Very narrow central cavity. Seeds many, dark. Seed.

491584 TO 491673-continued

491646. TB82/1574. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit large, round with base, smooth, 30.0cm long. Flesh bright orange, sweet. Seeds many, dark. Seed.
491647. TB82/1575. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit large, elongated, smooth, 31.0cm long. Flesh firm, orange, sweet. Large central cavity. Seeds few, dark. Seed.
491648. TB82/1578. Nigeria. Latitude: 05 deg 08 m N; Longitude: 007 deg 40 m E. Collected November 25, 1982. Nsasak, Cross River. Fruit large, subround, smooth, 31.0cm long. Flesh orange, sweet. Large central cavity. Seeds many, dark. Seed.
491649. TB82/1579. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Fruit large, subround, 32.0cm long. Flesh soft, orange, sweet. Very large central cavity. Seeds many, dark. Seed.
491650. TB82/1580. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Fruit medium, subround, 26.0cm long. Flesh sweet. Very large central cavity. Seeds few, dark. Seed.
491651. TB82/1581. Nigeria. Latitude: 06 deg 24 m N; Longitude: 007 deg 25 m E. Collected November 26, 1982. Ngwo, Anambra. Fruit medium, elongated, smooth, 33.0cm long. Flesh sweet. Very narrow central cavity. Seeds many, dark. Seed.
491652. TB82/1584. Nigeria. Latitude: 05 deg 21 m N; Longitude: 008 deg 18 m E. Collected November 24, 1982. Uyana, Cross River. Fruit medium, elongated, 30cm long. Flesh reddish, sweet. Seeds many, dark. Seed.
491653. TB82/1587. Nigeria. Latitude: 06 deg 24 m N; Longitude: 007 deg 25 m E. Collected November 26, 1982. Ngwo, Anambra. Fruit large, elongate, 31.0cm long. Flesh light orange, very sweet. Very large central cavity. Seeds many, dark. Seed.
491654. TB82/1588. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Flesh reddish. Seeds dark. Seed.
491655. TB82/1589. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Flesh reddish. Seeds dark. Seed.

491584 TO 491673-continued

491656. TB82/1590. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Flesh reddish. Seeds dark. Seed.
491657. TB82/1591. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Flesh orange. Seeds dark. Seed.
491658. TB82/1592. Nigeria. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Collected November 25, 1982. Ikot Ekpene, Cross River. Fruit medium, subround, 35.0cm long. Flesh orange, firm. Very large central cavity. Seeds few, dark. Seed.
491659. TB82/1593. Nigeria. Latitude: 04 deg 58 m N; Longitude: 008 deg 19 m E. Collected November 22, 1982. Calabar, Cross River. Fruit medium, subround, 27.0cm long. Flesh orange. Seeds dark. Seed.
491660. TB82/1594. Nigeria. Latitude: 06 deg 24 m N; Longitude: 007 deg 25 m E. Collected November 26, 1982. Ngwo, Anambra. Fruit medium, elongate, 33.0cm long. Flesh orange, sweet. Seeds many, dark. Seed.
491661. TB82/1595. Nigeria. Latitude: 06 deg 24 m N; Longitude: 007 deg 25 m E. Collected November 26, 1982. Ngwo, Anambra. Fruit medium, elongate, 33.0cm long. Flesh reddish. Seeds many, dark. Seed.
491662. TB83/1981. Nigeria. Seed.
491663. TB83/1982. Nigeria. Seed.
491664. TB83/1983. Nigeria. Seed.
491665. TB83/1984. Nigeria. Seed.
491666. TB83/1985. Nigeria. Seed.
491667. TB83/1986. Nigeria. Seed.
491668. TB83/1987. Nigeria. Seed.
491669. TB83/1988. Nigeria. Seed.
491670. TB83/1989. Nigeria. Seed.
491671. TB83/1990. Nigeria. Seed.
491672. TB83/1994. Nigeria. Seed.
491673. TB83/1996. Nigeria. Seed.

491674 TO 492498. *Zea mays* L. (Poaceae) Corn.

From Argentina. Donated by Estacion Experimental Regional Agropecuaria Pergamino, INTA; 2700-Pergamino, Buenos Aires. Received through IBPGR, Rome, Italy. Received April 1984.

- 491674. ARZM 01 080. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
- 491675. ARZM 01 081. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
- 491676. ARZM 01 082. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491677. ARZM 01 083. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491678. ARZM 01 084. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491679. ARZM 01 085. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491680. ARZM 01 086. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491681. ARZM 01 087. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491682. ARZM 01 088. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491683. ARZM 01 089. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
- 491684. ARZM 01 090. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
- 491685. ARZM 01 091. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.

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491686. ARZM 01 092. Argentina. Pigue, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
491687. ARZM 01 093. Argentina. Pigue, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491688. ARZM 01 094. Argentina. Coronel Suarez, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
491689. ARZM 01 095. Argentina. Coronel Suarez, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491690. ARZM 01 096. Argentina. Coronel Suarez, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491691. ARZM 01 097. Argentina. Coronel Suarez, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491692. ARZM 01 098. Argentina. Daireaux, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
491693. ARZM 01 099. Argentina. Daireaux, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
491694. ARZM 01 100. Argentina. Pirovano, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Borravino. Cultivated. Seed.
491695. ARZM 01 101. Argentina. Carhue, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491696. ARZM 01 102. Argentina. Carhue, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491697. ARZM 01 103. Argentina. Carhue, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
491698. ARZM 01 104. Argentina. Carhue, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.

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491699. ARZM 01 105. Argentina. Trenque Lauquen, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491700. ARZM 01 106. Argentina. Rivadavia, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491701. ARZM 01 107. Argentina. Rivadavia, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
491702. AFZM 01 108. Argentina. Trenque Lauquen, Buenos Aires. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo de Simoni. Cultivated. Seed.
491703. ARZM 01 109. Argentina. Henderson, Buenos Aires. Race Amarillo 8 Hileras. Seeds flint type. Local name Relampago. Cultivated. Seed.
491704. APZM 01 110. Argentina. Tornquist, Buenos Aires. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491705. ARZM 01 111. Argentina. Carhue, Buenos Aires. Race Pisingallo. Seeds popcorn type. Local name Pisingallo Blanco. Cultivated. Seed.
491706. ARZM 01 112. Argentina. Carhue, Buenos Aires. Race Pisingallo. Seeds popcorn type. Local name Pisingallo Morado. Cultivated. Seed.
491707. ARZM 01 113. Argentina. Tornquist, Buenos Aires. Race Dulce. Seeds sweet type. Local name Choclero. Cultivated. Seed.
491708. ARZM 01 115. Argentina. Bahia Blanca, Buenos Aires. Race Dulce. Seeds sweet type. Local name Choclero. Cultivated. Seed.
491709. ARZM 01 116. Argentina. Bahia Blanca, Buenos Aires. Race Dulce. Seeds sweet type. Local name Dulce. Cultivated. Seed.
491710. ARZM 01 117. Argentina. Villarino, Buenos Aires. Race Dulce. Seeds sweet type. Local name Choclero. Cultivated. Seed.
491711. ARZM 01 118. Argentina. Villarino, Buenos Aires. Race Dulce. Seeds sweet type. Local name Blanco. Cultivated. Seed.

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491712. ARZM 01 119. Argentina. Tornquist, Buenos Aires. Local name Colorado La Holandesa. Cultivated. Seed.
491713. ARZM 01 120. Argentina. Bahia Blanca, Buenos Aires. Local name Blanca. Cultivated. Seed.
491714. ARZM 01 121. Argentina. Trenque Lauquen, Buenos Aires. Local name Colorado La Holandesa. Cultivated. Seed.
491715. ARZM 01 122. Argentina. Trenque Lauquen, Buenos Aires. Local name Amarillo. Cultivated. Seed.
491716. ARZM 01 123. Argentina. Trenque Lauquen, Buenos Aires. Local name Amarillo. Cultivated. Seed.
491717. ARZM 01 124. Argentina. Trenque Lauquen, Buenos Aires. Local name Colorado La Holandesa. Cultivated. Seed.
491718. ARZM 01 125. Argentina. Tornquist, Buenos Aires. Race Calchaqui. Seeds flint type. Local name Blanco. Cultivated. Seed.
491719. ARZM 01 126. Argentina. Bahia Blanca, Buenos Aires. Race Calchaqui. Seeds flint type. Local name Blanco. Cultivated. Seed.
491720. ARZM 01 127. Argentina. Coronel Suarez, Buenos Aires. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
491721. ARZM 01 128. Argentina. Henderson, Buenos Aires. Race Blanco 8 Hileras. Seeds flint type. Local name Cuarentin Blanco. Cultivated. Seed.
491722. ARZM 01 129. Argentina. Carhue, Buenos Aires. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
491723. ARZM 01 130. Argentina. Carhue, Buenos Aires. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco Liso. Cultivated. Seed.
491724. ARZM 01 131. Argentina. Guamini, Buenos Aires. Race Blanco 8 Hileras. Seeds flint type. Local name Perla. Cultivated. Seed.
491725. ARZM 01 132. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
491726. ARZM 01 133. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name

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- Blanco. Cultivated. Seed.
491727. ARZM 01 134. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
491728. ARZM 01 135. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
491729. ARZM 01 136. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Choclero. Cultivated. Seed.
491730. ARZM 01 137. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
491731. ARZM 01 138. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491732. ARZM 01 139. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491733. ARZM 01 140. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado. Cultivated. Seed.
491734. ARZM 01 141. Argentina. Tornquist, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
491735. ARZM 01 142. Argentina. Carhue, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Pampeano. Cultivated. Seed.
491736. ARZM 01 143. Argentina. Carhue, Buenos Aires. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco 8/Dentado. Cultivated. Seed.
491737. ARZM 01 144. Argentina. Tornquist, Buenos Aires. Race Cristalino Colorado. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
491738. ARZM 01 146. Argentina. Tornquist, Buenos Aires. Race Cristalino Amarillo y Amaranjado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
491739. ARZM 01 148. Argentina. Tornquist, Buenos Aires. Race Dentado Blanco Rugoso. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.

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491740. ARZM 01 149. Argentina. Tornquist, Buenos Aires. Race Dentado Blanco Rugoso. Seeds dent type. Local name Blanco. Cultivated. Seed.
491741. ARZM 01 150. Argentina. Carhue, Buenos Aires. Race Dentado Blanco Rugoso. Seeds dent type. Local name Maizon. Cultivated. Seed.
491742. ARZM 01 151. Argentina. Pehuajo, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
491743. ARZM 01 152. Argentina. Carlos Tejedor, Buenos Aires. Race Cristalino Colorado. Seeds flint type. Local name Colorado la Holandesa. Cultivated. Seed.
491744. ARZM 01 153. Argentina. Rivadavia, Buenos Aires. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
491745. ARZM 03 001. Argentina. Santa Anita, Entre Rios. Race Cristalino Colorado. Seeds flint type. Local name Turco. Cultivated. Seed.
491746. ARZM 03 002. Argentina. Colonia Caseros. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Brasileiro. Cultivated. Seed.
491747. ARZM 03 003. Argentina. Colonia Pantanosa, Entre Rios. Race Camelia. Seeds flint type. Local name Amargo Brasileiro. Cultivated. Seed.
491748. ARZM 03 004. Argentina. Santa Anita, Entre Rios. Race Cristalino Colorado. Seeds flint type. Local name Turco. Cultivated. Seed.
491749. ARZM 03 005. Argentina. Santa Ana, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491750. ARZM 03 006. Argentina. Santa Ana, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491751. ARZM 03 007. Argentina. Sanchez Sauce, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491752. ARZM 03 008. Argentina. Villa Rosario, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.

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491753. ARZM 03 009. Argentina. Sanchez Sauce, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491754. ARZM 03 010. Argentina. Sanchez Sauce, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491755. ARZM 03 011. Argentina. Sanchez Sauce, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491756. ARZM 03 012. Argentina. Sanchez Sauce, Entre Rios. Race Amarillo 8 Hileras. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
491757. ARZM 03 013. Argentina. Sanchez Sauce, Entre Rios. Race Camelia. Seeds flint type. Local name Chileno Manfredi. Cultivated. Seed.
491758. ARZM 03 014. Argentina. La Matilde, Entre Rios. Race Amargo. Seeds flint type. Local name Amargo Brasileiro. Cultivated. Seed.
491759. ARZM 03 015. Argentina. La Matilde, Entre Rios. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
491760. ARZM 03 016. Argentina. Villa Rosario, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491761. ARZM 03 017. Argentina. Santa Eloisa, Entre Rios. Local name Morocho. Cultivated. Seed.
491762. ARZM 03 018. Argentina. Santa Eloisa, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491763. ARZM 03 019. Argentina. Santa Eloisa, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491764. ARZM 03 020. Argentina. Santa Eloisa, Entre Rios. Race Camelia. Seeds flint type. Local name Colorado Sin Nombre. Cultivated. Seed.
491765. ARZM 03 021. Argentina. Colonia 16, Entre Rios. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Pampa. Cultivated. Seed.
491766. ARZM 03 022. Argentina. Colonia 16, Entre Rios. Race

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- Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491767. ARZM 03 023. Argentina. Colonia 16, Entre Rios. Race Camelia. Seeds flint type. Local name Manfredi. Cultivated. Seed.
491768. ARZM 03 024. Argentina. Colonia 16, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491769. ARZM 03 025. Argentina. Colonia 1, Entre Rios. Race Camelia. Seeds flint type. Local name Colorado Manfredi. Cultivated. Seed.
491770. ARZM 03 026. Argentina. Colonia 1, Entre Rios. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
491771. ARZM 03 027. Argentina. Santa Maria, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491772. ARZM 03 028. Argentina. Colonia Tuna, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491773. ARZM 03 029. Argentina. Colonia Tuna, Entre Rios. Race Camelia. Seeds flint type. Local name Chileno. Cultivated. Seed.
491774. ARZM 03 030. Argentina. Colonia Tuna, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491775. ARZM 03 031. Argentina. Colonia Tuna, Entre Rios. Race Calchaqui. Seeds flint type. Local name Morocho O Amargo. Cultivated. Seed.
491776. ARZM 03 032. Argentina. Colonia Tuna, Entre Rios. Race Camelia. Seeds flint type. Local name Chileno. Cultivated. Seed.
491777. ARZM 03 033. Argentina. Colonia Tuna, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491778. ARZM 03 034. Argentina. Colonia Tuna, Entre Rios. Race Camelia. Seeds flint type. Local name Piamontes O Chileno. Cultivated. Seed.
491779. ARZM 03 035. Argentina. Colonia Tuna, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name

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- Diente de Caballo. Cultivated. Seed.
491780. ARZM 03 036. Argentina. Colonia 9, Entre Rios. Race Calchaqui. Seeds flint type. Local name Morocho O Amargo. Cultivated. Seed.
491781. ARZM 03 037. Argentina. Colonia 9, Entre Rios. Race Camelia. Seeds flint type. Local name Colorado Perla. Cultivated. Seed.
491782. ARZM 03 038. Argentina. Colonia la Esmeralda, Entre Rios. Local name Harina. Cultivated. Seed.
491783. ARZM 03 040. Argentina. Feliciano, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491784. ARZM 03 041. Argentina. Basualdo, Entre Rios. Race Avati Moroti. Seeds floury type. Local name Harina Blanco y Amarillo. Cultivated. Seed.
491785. ARZM 03 042. Argentina. Basualdo, Entre Rios. Race Perlita. Seeds popcorn type. Local name Pollito. Cultivated. Seed.
491786. ARZM 03 043. Argentina. Basualdo, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491787. ARZM 03 044. Argentina. Basualdo, Entre Rios. Race Avati Moroti Ti. Seeds floury type. Local name Marina. Cultivated. Seed.
491788. ARZM 03 045. Argentina. Basualdo, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491789. ARZM 03 046. Argentina. Pancho Ramirez, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491790. ARZM 03 047. Argentina. Colonia Avigdor, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Diente de Caballo. Cultivated. Seed.
491791. ARZM 03 048. Argentina. Colonia Avigdor, Entre Rios. Race Amargo. Seeds flint type. Local name Dentado Harlo Rojo. Cultivated. Seed.
491792. ARZM 03 049. Argentina. Colonia Avigdor, Entre Rios. Race Amargo. Seeds flint type. Local name Morocho Colorado. Cultivated. Seed.

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491793. ARZM 03 050. Argentina. Colonia Avigdor, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491794. ARZM 03 051. Argentina. Colonia Viraro, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Diente de Caballo. Cultivated. Seed.
491795. ARZM 03 052. Argentina. Mojones Norte, Entre Rios. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Amargo. Cultivated. Seed.
491796. ARZM 03 053. Argentina. Colonia 21, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Chancho. Cultivated. Seed.
491797. ARZM 03 054. Argentina. Colonia 21, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Chancho. Cultivated. Seed.
491798. ARZM 03 055. Argentina. Colonia 21, Entre Rios. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Amargo Brasileiro. Cultivated. Seed.
491799. ARZM 03 056. Argentina. Colonia 21, Entre Rios. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Chancho. Cultivated. Seed.
491800. ARZM 04 001. Argentina. Santo Tome, Corrientes. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
491801. ARZM 04 003. Argentina. Santo Tome, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491802. ARZM 04 004. Argentina. Santo Tome, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491803. ARZM 04 005. Argentina. Santo Tome, Corrientes. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491804. ARZM 04 006. Argentina. Santo Tome, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Carape. Cultivated. Seed.
491805. ARZM 04 007. Argentina. Mercedes, Corrientes. Race Amarillo 8 Hileras. Seeds flint type. Cultivated. Seed.
491806. ARZM 04 008. Argentina. Mercedes, Corrientes. Race Avati

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- Moroti. Seeds floury type. Cultivated. Seed.
491807. ARZM 04 009. Argentina. Mercedes, Corrientes. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491808. ARZM 04 010. Argentina. Mercedes, Corrientes. Race Avati Moroti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491809. ARZM 04 011. Argentina. Ista Cora, Corrientes. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
491810. ARZM 04 012. Argentina. Ista Cora, Corrientes. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
491811. ARZM 04 013. Argentina. Ista Cora, Corrientes. Race Pisingallo. Seeds popcorn type. Cultivated. Seed.
491812. ARZM 04 014. Argentina. Ista Cora, Corrientes. Race Perlita. Seeds popcorn type. Cultivated. Seed.
491813. ARZM 04 015. Argentina. Paraje Tacuaba, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491814. ARZM 04 016. Argentina. Paraje Tacuaba, Corrientes. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
491815. ARZM 04 017. Argentina. Paraje Tacuaba, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo O Harina. Cultivated. Seed.
491816. ARZM 04 018. Argentina. Colonia Libertad, Corrientes. Race Camelia. Seeds flint type. Local name Chileno. Cultivated. Seed.
491817. ARZM 04 019. Argentina. Colonia Libertad, Corrientes. Race Avati Moroti. Seeds floury type. Local name Harina. Cultivated. Seed.
491818. ARZM 04 020. Argentina. Colonia Libertad, Corrientes. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Diente de Caballo. Cultivated. Seed.
491819. ARZM 04 021. Argentina. Paraje Estingana, Corrientes. Race Amarillo 8 Hileras. Seeds flint type. Local name Criollo. Cultivated. Seed.
491820. ARZM 04 022. Argentina. Colonia El Ceibo, Corrientes.

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- Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo O Cuensuya. Cultivated. Seed.
491821. ARZH 04 023. Argentina. Perugorria, Corrientes. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491822. ARZH 04 024. Argentina. Perugorria, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco Harina. Cultivated. Seed.
491823. ARZH 04 025. Argentina. Perugorria, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo Harina. Cultivated. Seed.
491824. ARZH 04 026. Argentina. Ifran, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491825. ARZH 04 027. Argentina. Ifran, Corrientes. Race Compuesto Tropical. Seeds dent type. Local name Maceta O Criollo. Cultivated. Seed.
491826. ARZH 04 028. Argentina. Ifran, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491827. ARZH 04 029. Argentina. Ifran, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491828. ARZH 04 030. Argentina. Ifran, Corrientes. Race Compuesto Tropical. Seeds dent type. Local name Canario. Cultivated. Seed.
491829. ARZH 04 031. Argentina. Ifran, Corrientes. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491830. ARZH 04 032. Argentina. Ifran, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491831. ARZH 04 034. Argentina. Pasaje Villa Cordoba, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491832. ARZH 04 035. Argentina. Paraje Naranjito, Corrientes. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Morocho Colorado. Cultivated. Seed.
491833. ARZH 04 036. Argentina. Paraje Naranjito, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo.

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Cultivated. Seed.

491834. ARZM 04 037. Argentina. Paraje Naranjito, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491835. ARZM 04 038. Argentina. Paraje Naranjito, Corrientes. Race Compuesto Tropical. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
491836. ARZM 04 039. Argentina. Paraje Monte Florido, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491837. ARZM 04 040. Argentina. Granja Amelia, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491838. ARZM 04 041. Argentina. Granja Amelia, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491839. ARZM 04 042. Argentina. Paraje San Pedro, Corrientes. Race Tuzon. Seeds dent type. Local name Maceta Diente de Caballo. Cultivated. Seed.
491840. ARZM 04 043. Argentina. Paraje San Pedro, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491841. ARZM 04 044. Argentina. Paraje San Pedro, Corrientes. Race Tuzon. Seeds dent type. Local name Maceta. Cultivated. Seed.
491842. ARZM 04 045. Argentina. Paraje Manantiales, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Maceta. Cultivated. Seed.
491843. ARZM 04 046. Argentina. Paraje Manantiales, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491844. ARZM 04 047. Argentina. Paraje Santa Rosa, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491845. ARZM 04 048. Argentina. Paraje San Ramon, Corrientes. Local name Maceta. Cultivated. Seed.
491846. ARZM 04 049. Argentina. Paraje San Ramon, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco. Cultivated. Seed.

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491847. ARZM 04 050. Argentina. Paraje San Ramon, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491848. ARZM 04 051. Argentina. Paraje San Rafael, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491849. ARZM 04 052. Argentina. Paraje Buena Vista, Corrientes. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Maceta. Cultivated. Seed.
491850. ARZM 04 053. Argentina. Paraje Canadita, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491851. ARZM 04 054. Argentina. Paraje Canadita, Corrientes. Race Avati Moroti Ti. Seeds floury type. Local name Blanco Harina. Cultivated. Seed.
491852. ARZM 04 055. Argentina. Paraje Canadita, Corrientes. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491853. ARZM 04 056. Argentina. Paraje Canadita, Corrientes. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Capa Amarilla. Cultivated. Seed.
491854. APZM 04 057. Argentina. Corrientes, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491855. ARZM 04 058. Argentina. Corrientes, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491856. ARZM 04 059. Argentina. Corrientes, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
491857. ARZM 04 060. Argentina. Corrientes, Corrientes. Race Calchaqui. Seeds flint type. Local name Mazamorrero. Cultivated. Seed.
491858. ARZM 04 061. Argentina. Corrientes, Corrientes. Race Avati Pichinga. Seeds popcorn type. Local name Pichango. Cultivated. Seed.
491859. ARZM 04 062. Argentina. Corrientes, Corrientes. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Kafiro. Cultivated. Seed.

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491860. ARZM 04 063. Argentina. El Sombrero, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
491861. ARZM 04 064. Argentina. El Sombrero, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491862. ARZM 04 065. Argentina. Derqui, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491863. ARZM 04 067. Argentina. Derqui, Corrientes. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
491864. ARZM 04 066. Argentina. Empedrado, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491865. ARZM 04 070. Argentina. Empedrado, Corrientes. Race Avati Pichinga. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491866. ARZM 04 071. Argentina. Empedrado, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Canario. Cultivated. Seed.
491867. ARZM 04 072. Argentina. San Lorenzo, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
491868. ARZM 04 073. Argentina. San Lorenzo, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Canario. Cultivated. Seed.
491869. ARZM 04 074. Argentina. Saladas, Corrientes. Race Venezolano. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
491870. ARZM 04 075. Argentina. Saladas, Corrientes. Local name Blanco Liso. Cultivated. Seed.
491871. ARZM 04 076. Argentina. Saladas, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491872. ARZM 04 077. Argentina. Bella Vista, Corrientes. Local name Pisingallo. Cultivated. Seed.
491873. ARZM 04 078. Argentina. Bella Vista, Corrientes. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type.

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Local name Blanco. Cultivated. Seed.

491874. ARZM 04 079. Argentina. Bella Vista, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491875. ARZM 04 080. Argentina. Bella Vista, Corrientes. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
491876. ARZM 04 081. Argentina. Santa Lucia, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491877. ARZM 04 082. Argentina. Santa Lucia, Corrientes. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
491878. ARZM 04 083. Argentina. Santa Lucia, Corrientes. Race Venezolano. Seeds semi-dent type. Local name Canario. Cultivated. Seed.
491879. ARZM 04 084. Argentina. Lavalle, Corrientes. Local name Amarillo. Cultivated. Seed.
491880. ARZM 04 085. Argentina. Lavalle, Corrientes. Race Compuesto Tropical. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
491881. ARZM 04 086. Argentina. Costa Batel, Corrientes. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
491882. ARZM 04 087. Argentina. Yatay Ticalle, Corrientes. Race Compuesto Tropical. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
491883. ARZM 04 088. Argentina. Yatay Ticalle, Corrientes. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491884. ARZM 04 089. Argentina. Yatay Ticalle, Corrientes. Race Compuesto Tropical. Seeds semi-dent type. Local name Criollo Correntino. Cultivated. Seed.
491885. ARZM 04 090. Argentina. Yatay Ticalle, Corrientes. Race Pisinsallo. Seeds popcorn type. Local name Pisinga. Cultivated. Seed.
491886. ARZM 04 091. Argentina. Col. Carolina, Corrientes. Race Compuesto Tropical. Seeds dent type. Local name Morocho. Cultivated. Seed.

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491887. ARZM 04 092. Argentina. Col. Carolina, Corrientes. Race Avati Moroti. Seed floury type. Local name Amarillo. Cultivated. Seed.
491888. ARZM 04 093. Argentina. Col. Carolina, Corrientes. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491889. ARZM 04 095. Argentina. Paraje La Bolsa, Corrientes. Race Compuesto Tropical. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
491890. ARZM 04 096. Argentina. Paraje La Bolsa, Corrientes. Race Avati Moroti Mita. Seeds floury type. Local name Amarillo. Cultivated. Seed.
491891. ARZM 05 001. Argentina. Leandro N. Alem, Misiones. Local name Diente de Caballo. Cultivated. Seed.
491892. ARZM 05 002. Argentina. Leandro N. Alem, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Comun. Cultivated. Seed.
491893. ARZM 05 003. Argentina. Leandro N. Alem, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491894. ARZM 05 004. Argentina. Col. Tarauco, Misiones. Race Cravo. Seeds dent type. Local name Diente de Perro. Cultivated. Seed.
491895. ARZM 05 005. Argentina. Col. Tarauco, Misiones. Race Avati Moroti. Seeds floury type. Local name Tateto. Cultivated. Seed.
491896. ARZM 05 006. Argentina. Col. Tarauco, Misiones. Race Cravo. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491897. ARZM 05 007. Argentina. Col. Tarauco, Misiones. Race Pisngallo. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491898. ARZM 05 008. Argentina. Col. Tarauco, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Mezcla. Cultivated. Seed.
491899. ARZM 05 010. Argentina. Col. Tarauco, Misiones. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds dent type. Local name Brasileiro. Cultivated. Seed.
491900. ARZM 05 011. Argentina. O.V. Andrade, Misiones. Race

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- Cristalino Colorado. Seeds flint type. Local name Venezolano. Cultivated. Seed.
491901. ARZM 05 012. Argentina. O.V. Andrade, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Diente de Caballo Amarillo. Cultivated. Seed.
491902. ARZM 05 013. Argentina. O.V. Andrade, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo Brasil. Cultivated. Seed.
491903. ARZM 05 014. Argentina. O.V. Andrade, Misiones. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds semi-dent type. Local name Marlo Fino. Cultivated. Seed.
491904. ARZM 05 015. Argentina. O.V. Andrade, Misiones. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds semi-dent type. Local name Brasileiro. Cultivated. Seed.
491905. ARZM 05 016. Argentina. Almafuerite, Misiones. Race Avati Moroti. Seeds floury type. Local name Tateto. Cultivated. Seed.
491906. ARZM 05 017. Argentina. Almafuerite, Misiones. Race Cravo. Seeds dent type. Local name Diente de Perro. Cultivated. Seed.
491907. ARZM 05 018. Argentina. Col. Lopez L.N. Alem. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491908. ARZM 05 019. Argentina. Picada Sueca, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491909. ARZM 05 020. Argentina. Picada Sueca, Misiones. Race Avati Pichinga. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491910. ARZM 05 021. Argentina. Picada San Martin, Misiones. Race Perla Mediano. Seeds flint type. Local name Pipoca. Cultivated. Seed.
491911. ARZM 05 023. Argentina. Villa Industrial, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491912. ARZM 05 025. Argentina. Alberdi Obera, Misiones. Race Pisingallo. Seeds popcorn type. Local name Brasileiro. Cultivated. Seed.
491913. ARZM 05 026. Argentina. Alberdi Obera, Misiones. Race Cravo. Seeds dent type. Local name Pipoca. Cultivated.

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Seed.

491914. ARZM 05 027. Argentina. Alberdi Obera, Misiones. Race Cravo. Seeds dent type. Local name Diente de Perro. Cultivated. Seed.
491915. ARZM 05 028. Argentina. Alberdi Obera, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo. Cultivated. Seed.
491916. ARZM 05 029. Argentina. San Ignacio, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Comun. Cultivated. Seed.
491917. ARZM 05 030. Argentina. San Ignacio, Misiones. Race Tuzon. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
491918. ARZM 05 031. Argentina. Panambi, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491919. ARZM 05 033. Argentina. Panambi, Misiones. Race Pisingallo. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491920. ARZM 05 034. Argentina. Panambi, Misiones. Local name Pipoca. Cultivated. Seed.
491921. ARZM 05 036. Argentina. Panambi, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491922. ARZM 05 038. Argentina. Km 18 Obera, Misiones. Local name Pipoca. Cultivated. Seed.
491923. ARZM 05 039. Argentina. Campo Viera, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491924. ARZM 05 040. Argentina. Campo Viera, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491925. ARZM 05 041. Argentina. Campo Viera, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Gigante Blanco. Cultivated. Seed.
491926. ARZM 05 042. Argentina. Campo Viera, Misiones. Local name Pipoca. Cultivated. Seed.
491927. ARZM 05 043. Argentina. Aristobulo Del Valle, Misiones. Race Cravo. Seeds dent type. Local name Diente de Perro. Cultivated. Seed.

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491928. ARZM 05 044. Argentina. Aristobulo Del Valle, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Picudo. Cultivated. Seed.
491929. ARZM 05 045. Argentina. Aristobulo Del Valle, Misiones. Race Perla Mediano. Seeds popcorn type. Local name Pipoca Grano Grande. Cultivated. Seed.
491930. ARZM 05 046. Argentina. Aristobulo Del Valle, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491931. ARZM 05 047. Argentina. Aristobulo Del Valle, Misiones. Race Avati Moroti. Seeds floury type. Local name Abati Moroti Ti. Cultivated. Seed.
491932. ARZM 05 048. Argentina. Picada Rep. Del Paraguay, Misiones, Race Avati Moroti. Seeds floury type. Local name Catete. Cultivated. Seed.
491933. ARZM 05 049. Argentina. Picada Rep. Del Paraguay, Misiones. Local name Pipoca. Cultivated. Seed.
491934. ARZM 05 050. Argentina. Picada Rep. Del Paraguay, Misiones. Race Avati Moroti. Seeds floury type. Local name Abati Moroti Ti. Cultivated. Seed.
491935. ARZM 05 051. Argentina. San Vicente, Misiones. Local name Pipoca. Cultivated. Seed.
491936. ARZM 05 052. Argentina. San Vicente, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Comun. Cultivated. Seed.
491937. ARZM 05 053. Argentina. Col. Zulma San Vicente, Misiones. Race Cravo. Seeds dent type. Local name Amarillo Comun. Cultivated. Seed.
491938. ARZM 05 054. Argentina. Ruta Alicia Km 33, Misiones. Race Pisingallo. Seeds popcorn type. Local name Pipoca (Negro). Cultivated. Seed.
491939. ARZM 05 055. Argentina. Ruta Alicia Km 33, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491940. ARZM 05 056. Argentina. Km 28, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Brasileiro. Cultivated. Seed.
491941. ARZM 05 057. Argentina. Km 28, Misiones. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds semi-dent type.

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- Local name Marlo Fino Brasil. Cultivated. Seed.
491942. ARZM 05 058. Argentina. Km 28, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Brasil. Cultivated. Seed.
491943. ARZM 05 059. Argentina. San Vicente, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491944. ARZM 05 061. Argentina. Rio Victoria, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Centralmex. Cultivated. Seed.
491945. ARZM 05 062. Argentina. Km 273 Rio Victoria, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Calano. Cultivated. Seed.
491946. ARZM 05 063. Argentina. Km 273 Rio Victoria, Misiones. Race Avati Moroti. Seeds floury type. Local name Catete. Cultivated. Seed.
491947. ARZM 05 064. Argentina. Col. Tariena Km 270, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maiz. Cultivated. Seed.
491948. ARZM 05 065. Argentina. Km 271 Rio Victoria, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491949. ARZM 05 066. Argentina. Km 271 Rio Victoria, Misiones. Race Avati Moroti Ti. Seeds floury type. Local name Catete. Cultivated. Seed.
491950. ARZM 05 067. Argentina. Campo Las Monjas Km 300, Misiones. Race Avati Moroti Ti. Seeds floury type. Local name Abati Moroti Ti. Cultivated. Seed.
491951. ARZM 05 068. Argentina. Campo Las Monjas Km 300, Misiones. Local name Catete Oscuro. Cultivated. Seed.
491952. ARZM 05 069. Argentina. Campo Las Monjas Km 300, Misiones. Race Avati Moroti Ti. Seeds floury type. Local name Catete Sucio. Cultivated. Seed.
491953. ARZM 05 070. Argentina. Campo Las Monjas Km 300, Misiones. Local name Catete Tres Meses. Cultivated. Seed.
491954. ARZM 05 071. Argentina. San Pedro, Misiones. Race Cravo. Seeds dent type. Local name Diente De Perro. Cultivated. Seed.
491955. ARZM 05 072. Argentina. San Pedro, Misiones. Race Avati

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- Moroti. Seeds floury type. Local name Catete. Cultivated. Seed.
491956. ARZM 05 073. Argentina. San Pedro, Misiones. Race Avati Moroti Ti. Seeds floury type. Local name Catete. Cultivated. Seed.
491957. ARZM 05 074. Argentina. Tobuna, Misiones. Race Venezolano. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
491958. ARZM 05 075. Argentina. B. de Irigoyen, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo. Cultivated. Seed.
491959. ARZM 05 076. Argentina. B. de Irigoyen, Misiones. Local name Pipoca. Cultivated. Seed.
491960. ARZM 05 077. Argentina. B. de Irigoyen, Misiones. Race Avati Moroti. Seeds floury type. Local name Catete. Cultivated. Seed.
491961. ARZM 05 078. Argentina. B. de Irigoyen, Misiones. Race Cravo. Seeds dent type. Local name Maiz Cuno. Cultivated. Seed.
491962. ARZM 05 080. Argentina. Puente de Pirao Minu, Misiones. Race Avati Pichinga. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491963. ARZM 05 081. Argentina. Mandore, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Marlo Fino. Cultivated. Seed.
491964. ARZM 05 082. Argentina. Mandore, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Duro. Cultivated. Seed.
491965. ARZM 05 083. Argentina. Mandore, Misiones. Race Perla Mediano. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491966. ARZM 05 084. Argentina. Mandore, Misiones. Race Avati Moroti. Seeds floury type. Local name Cattete. Cultivated. Seed.
491967. ARZM 05 085. Argentina. Mandore, Misiones. Race Avati Moroti Ti. Seeds floury type. Local name Catete. Cultivated. Seed.
491968. ARZM 05 086. Argentina. El Dorado, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.

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491969. ARZM 05 087. Argentina. El Dorado, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo. Cultivated. Seed.
491970. ARZM 05 088. Argentina. El Dorado, Misiones. Race Avati Moroti. Seeds floury type. Local name Catete. Cultivated. Seed.
491971. ARZM 05 089. Argentina. El Dorado, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491972. ARZM 05 090. Argentina. Boreti Iguazu, Misiones. Race Avati Moroti. Seeds floury type. Local name Maiz Blanco. Cultivated. Seed.
491973. ARZM 05 091. Argentina. Boreti Iguazu, Misiones. Race Tuzon. Seeds semi-dent type. Local name Maiz Duro. Cultivated. Seed.
491974. ARZM 05 092. Argentina. Boreti Iguazu, Misiones. Race Perla Mediano. Seeds flint type. Local name Pipoca. Cultivated. Seed.
491975. ARZM 05 093. Argentina. Uruguay, Misiones. Race Avati Moroti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491976. ARZM 05 094. Argentina. Esperanza, Misiones. Race Venezolano. Seeds semi-dent type. Local name Colorado duro. Cultivated. Seed.
491977. ARZM 05 095. Argentina. Col. Mado, Misiones. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
491978. ARZM 05 096. Argentina. Col. Mado, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo. Cultivated. Seed.
491979. ARZM 05 097. Argentina. El Dorado, Misiones. Race Cateto Oscuro. Race dent type. Local name Colorado. Cultivated. Seed.
491980. ARZM 05 098. Argentina. Monte Carlo, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo. Cultivated. Seed.
491981. ARZM 05 100. Argentina. Monte Carlo, Misiones. Race Avati Moroti. Seeds floury type. Local name Maiz Chipa. Cultivated. Seed.

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491982. ARZM 05 101. Argentina. Monte Carlo, Misiones. Race Dentado y Semidentado Amarillo. Local name Amarillo. Cultivated. Seed.
491983. ARZM 05 102. Argentina. Monte Carlo, Misiones. Race Avati Moroti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491984. ARZM 05 103. Argentina. Monte Carlo, Misiones. Race Avati Pichinga. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491985. ARZM 05 104. Argentina. Monte Carlo, Misiones. Local name Pipoca. Cultivated. Seed.
491986. ARZM 05 105. Argentina. Monte Carlo, Misiones. Local name Pipoca. Cultivated. Seed.
491987. ARZM 05 106. Argentina. Puerto Rico, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491988. ARZM 05 107. Argentina. Puerto Rico, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491989. ARZM 05 108. Argentina. Puerto Rico, Misiones. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
491990. ARZM 05 109. Argentina. Puerto Rico, Misiones. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo Mezcla. Cultivated. Seed.
491991. ARZM 05 110. Argentina. Puerto Rico, Misiones. Race Pisingallo. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
491992. ARZM 05 111. Argentina. R. Montoya, Misiones. Race Pisingallo. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
491993. ARZM 05 112. Argentina. R. Montoya, Misiones. Race Cravo. Seeds dent type. Local name Amarillo. Cultivated. Seed.
491994. ARZM 05 114. Argentina. Almafuerde, Misiones. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds dent type. Local name Amarillo Marlo Fino. Cultivated. Seed.
491995. ARZM 05 115. Argentina. San Ignacio, Misiones. Race Perlita. Seeds popcorn type. Local name Pisingallo Moro. Cultivated. Seed.

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491996. ARZM 05 116. Argentina. San Ignacio, Misiones. Race Avati Moroti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491997. ARZM 05 117. Argentina. Santo Pipo, Misiones. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
491998. ARZM 05 118. Argentina. Santo Pipo, Misiones. Race Avati Moroti. Seeds floury type. Local name Blanco. Cultivated. Seed.
491999. ARZM 05 119. Argentina. H. Irigoyen, Misiones. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492000. ARZM 05 120. Argentina. H. Irigoyen, Misiones. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492001. ARZM 05 121. Argentina. Apostoles, Misiones. Race Compuesto Tropical. Seeds semi-dent type. Local name Icuruza. Cultivated. Seed.
492002. ARZM 05 122. Argentina. Azura, Misiones. Race Canario de Formosa. Seeds semi-dent type. Local name Amarillo Duro. Cultivated. Seed.
492003. ARZM 05 123. Argentina. Azura, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
492004. ARZM 05 124. Argentina. Azura, Misiones. Race Perlita. Seeds popcorn type. Local name Pipoca. Cultivated. Seed.
492005. ARZM 05 125. Argentina. Azura, Misiones. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492006. ARZM 06 001. Argentina. La Eduvigis, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492007. ARZM 06 002. Argentina. La Eduvigis, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Canario. Cultivated. Seed.
492008. ARZM 06 003. Argentina. La Eduvigis, Chaco. Local name Blanco. Cultivated. Seed.
492009. ARZM 06 004. Argentina. El Martillo, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.

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492010. ARZM 06 006. Argentina. Campo El Bermejo, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492011. ARZM 06 007. Argentina. Campo El Bermejo, Chaco. Race Amargo. Seeds dent type. Local name Colorado Santafesino. Cultivated. Seed.
492012. ARZM 06 008. Argentina. Campo El Bermejo, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492013. ARZM 06 009. Argentina. Campo El Bermejo, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492014. ARZM 06 010. Argentina. Costa Guaycuru, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492015. ARZM 06 011. Argentina. Costa Guaycuru, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492016. ARZM 06 012. Argentina. Costa Guaycuru, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492017. ARZM 06 013. Argentina. Costa Guaycuru, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492018. ARZM 06 014. Argentina. Costa Guaycuru, Chaco. Race Perlita. Seeds popcorn type. Local name Maizon. Cultivated. Seed.
492019. ARZM 06 015. Argentina. Costa Guaycuru, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492020. ARZM 06 016. Argentina. Costa Guaycuru, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492021. ARZM 06 017. Argentina. Costa Guaycuru, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492022. ARZM 06 018. Argentina. Costa Guaycuru, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.

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492023. ARZM 06 019. Argentina. Colonia Sur, Chaco. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Maizon. Cultivated. Seed.
492024. ARZM 06 020. Argentina. Colonia Sur, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492025. ARZM 06 021. Argentina. Campo Lonqui, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492026. ARZM 06 022. Argentina. Campo Lonqui, Chaco. Race Calchaqui. Seeds flint type. Local name Tupi. Cultivated. Seed.
492027. ARZM 06 023. Argentina. Campo Lonqui, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Canario. Cultivated. Seed.
492028. ARZM 06 024. Argentina. Campo Almiron, Chaco. Race Amargo. Seeds flint type. Local name Colorado. Cultivated. Seed.
492029. ARZM 06 025. Argentina. Pampa Almiron, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492030. ARZM 06 026. Argentina. Pampa Almiron, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492031. ARZM 06 027. Argentina. Pampa Almiron, Chaco. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Maizon Amarillo. Cultivated. Seed.
492032. ARZM 06 028. Argentina. Pampa Almiron, Chaco. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492033. ARZM 06 029. Argentina. El Fiscal, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492034. ARZM 06 030. Argentina. El Fiscal, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492035. ARZM 06 031. Argentina. El Fiscal, Chaco. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492036. ARZM 06 032. Argentina. El Fiscal, Chaco. Race

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- Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
492037. ARZM 06 033. Argentina. El Fiscal, Chaco. Race Avati Moroti. Seeds floury type. Local name Paraguayo. Cultivated. Seed.
492038. ARZM 06 034. Argentina. Campo El Bermejo, Chaco. Race Cristalino Colorado. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
492039. ARZM 06 035. Argentina. Campo El Bermejo, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pichingallo. Cultivated. Seed.
492040. ARZM 06 036. Argentina. Colonias Unidas, Chaco. Race Perlita. Seeds popcorn type. Local name Pichingallo Colorado. Cultivated. Seed.
492041. ARZM 06 037. Argentina. Colonia Pastoril, Chaco. Race Perlita. Seeds popcorn type. Local name Pichingallo Colorado. Cultivated. Seed.
492042. ARZM 06 038. Argentina. Colonia Pastoril, Chaco. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492043. ARZM 06 039. Argentina. Pcia. de la Plaza, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492044. ARZM 06 040. Argentina. Pcia. de la Plaza, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492045. ARZM 06 041. Argentina. Pcia. de la Plaza, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492046. ARZM 06 042. Argentina. Pcia. de la Plaza, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492047. ARZM 06 043. Argentina. Pcia. R. Saenz Pena, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Cuarenton. Cultivated. Seed.
492048. ARZM 06 044. Argentina. Pcia. R. Saenz Pena, Chaco. Race Venezolano. Seeds semi-dent type. Local name Gallego. Cultivated. Seed.
492049. ARZM 06 045. Argentina. Pcia. R. Saenz Pena, Chaco. Race Venezolano. Seeds semi-dent type. Local name Gallego.

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Cultivated. Seed.

492050. ARZM 06 046. Argentina. Pcia. R. Saenz Pena, Chaco. Race Cristalino Colorado. Seeds flint type. Local name Gallego. Cultivated. Seed.
492051. ARZM 06 047. Argentina. Bajo Hondo, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492052. ARZM 06 048. Argentina. Pcia. R. Saenz Pena, Chaco. Local name Mazamorrero. Cultivated. Seed.
492053. ARZM 06 049. Argentina. Pcia. R. Saenz Pena, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492054. ARZM 06 050. Argentina. Pcia. R. Saenz Pena, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Gallego. Cultivated. Seed.
492055. ARZM 06 051. Argentina. Pcia. R. Saenz Pena, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Gallego. Cultivated. Seed.
492056. ARZM 06 052. Argentina. Pcia. R. Saenz Pena, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492057. ARZM 06 053. Argentina. Pcia. R. Saenz Pena, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
492058. ARZM 06 054. Argentina. Pcia. R. Saenz Pena, Chaco. Race Tuzon. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492059. ARZM 06 055. Argentina. Pcia. R. Saenz Pena, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492060. ARZM 06 056. Argentina. Quitilipi, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492061. ARZM 06 057. Argentina. Quitilipi, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492062. ARZM 06 058. Argentina. Quitilipi, Chaco. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.

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492063. ARZM 06 059. Argentina. Machagay, Chaco. Race Perlita. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492064. ARZM 06 060. Argentina. Machagay, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pisingallo Colorado. Cultivated. Seed.
492065. ARZM 06 061. Argentina. Machagay, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492066. ARZM 06 063. Argentina. La Matanza, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492067. ARZM 06 064. Argentina. La Matanza, Chaco. Race Amargo. Seeds flint type. Local name Criollo. Cultivated. Seed.
492068. ARZM 06 065. Argentina. Tres Isletas, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local type Criollo. Cultivated. Seed.
492069. ARZM 06 067. Argentina. Tres Isletas, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492070. ARZM 06 070. Argentina. Zaparinki, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Canario. Cultivated. Seed.
492071. ARZM 06 071. Argentina. Zaparinki, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492072. ARZM 06 072. Argentina. Zaparinki, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Canario. Cultivated. Seed.
492073. ARZM 06 073. Argentina. J. Castelli, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492074. ARZM 06 074. Argentina. J. Castelli, Chaco. Race Cristolino Amarillo y Anaranjado. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492075. ARZM 06 075. Argentina. J. Castelli, Chaco. Race Calchaqui. Seeds semi-dent type. Local name Mazamorrero. Cultivated. Seed.
492076. ARZM 06 076. Argentina. J. Castelli, Chaco. Race Dentado

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- y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492077. ARZM 06 077. Argentina. J. Castelli, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492078. ARZM 06 078. Argentina. Avia Terai, Chaco. Race Cristalino Colorado. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
492079. ARZM 06 079. Argentina. Avia Terai, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Sesenton. Cultivated. Seed.
492080. ARZM 06 080. Argentina. Avia Terai, Chaco. Race Venezolano. Seeds flint type. Local name Criollo. Cultivated. Seed.
492081. ARZM 06 081. Argentina. Campo Largo, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492082. ARZM 06 082. Argentina. Campo Largo, Chaco. Race Amargo. Seeds flint type. Local name Criollo. Cultivated. Seed.
492083. ARZM 06 083. Argentina. Las Brenas, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492084. ARZM 06 084. Argentina. Las Brenas, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492085. ARZM 06 085. Argentina. Las Brenas, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492086. ARZM 06 086. Argentina. Charata, Chaco. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492087. ARZM 06 087. Argentina. Charata, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492088. ARZM 06 089. Argentina. Concepcion del Bermejo, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Gallego. Cultivated. Seed.
492089. ARZM 06 090. Argentina. Pampa del Infierno, Chaco. Race Tuzon. Seeds semi-dent type. Local name Colorado Criollo. Cultivated. Seed.

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492090. ARZM 06 091. Argentina. Pampa del Infierno, Chaco. Race Calchaqui. Seeds flint type. Local name Blanco Mazamorrero. Cultivated. Seed.
492091. ARZM 06 092. Argentina. Pampa del Infierno, Chaco. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492092. ARZM 06 093. Argentina. Pampa del Infierno, Chaco. Race Tuzon. Seeds flint type. Local name Amargo. Cultivated. Seed.
492093. ARZM 06 094. Argentina. Pampa del Infierno, Chaco. Race Tuzon. Seeds semi-dent type. Local name Amargo. Cultivated. Seed.
492094. ARZM 06 095. Argentina. Pampa del Infierno, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Salteno. Cultivated. Seed.
492095. ARZM 06 096. Argentina. Los Frentones, Chaco. Race Tuzon. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492096. ARZM 06 097. Argentina. Rio Muerto, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo Colorado. Cultivated. Seed.
492097. ARZM 06 098. Argentina. Rio Muerto, Chaco. Race Tuzon. Seeds flint type. Local name Criollo. Cultivated. Seed.
492098. ARZM 06 099. Argentina. Rio Muerto, Chaco. Race Canario de Formosa. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492099. ARZM 06 100. Argentina. Rio Muerto, Chaco. Race Tuzon. Seeds dent type. Local name Capia. Cultivated. Seed.
492100. ARZM 06 101. Argentina. Pampa del Infierno, Chaco. Race Amargo. Seeds flint type. Local name Criollo. Cultivated. Seed.
492101. ARZM 06 102. Argentina. Pampa del Infierno, Chaco. Race Tuzon. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492102. ARZM 06 103. Argentina. Pampa del Infierno, Chaco. Race Amargo. Seeds flint type. Local name Criollo. Cultivated. Seed.
492103. ARZM 06 104. Argentina. Pcia. de la Plaza, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo.

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- Cultivated. Seed.
492104. ARZM 06 105. Argentina. Pcia. de la Plaza, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492105. ARZM 06 106. Argentina. La Escondida, Chaco. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492106. ARZM 06 107. Argentina. La Escondida, Chaco. Local name Arroz. Cultivated. Seed.
492107. ARZM 06 108. Argentina. La Escondida, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492108. ARZM 06 109. Argentina. Lapachito, Chaco. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492109. ARZM 06 110. Argentina. Lapachito, Chaco. Local name Criollo. Cultivated. Seed.
492110. ARZM 07 001. Argentina. Frontera, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492111. ARZM 07 002. Argentina. Frontera, Formosa. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Tupi Blanco. Cultivated. Seed.
492112. ARZM 07 003. Argentina. Frontera, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492113. ARZM 07 004. Argentina. Frontera, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492114. ARZM 07 005. Argentina. Barrio la Esperanza, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Tupi Colorado. Cultivated. Seed.
492115. ARZM 07 006. Argentina. Barrio la Esperanza, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492116. ARZM 07 007. Argentina. Barrio la Esperanza, Formosa. Race Venezolano. Seeds flint type. Local name Tupi Colorado. Cultivated. Seed.
492117. ARZM 07 008. Argentina. Barrio la Esperanza, Formosa.

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- Race Canario de Formosa. Seeds semi-dent type. Local name Tupi Colorado. Cultivated. Seed.
492118. ARZM 07 009. Argentina. Barrio la Esperanza, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492119. ARZM 07 011. Argentina. Jose Cancio, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492120. ARZM 07 012. Argentina. Jose Cancio, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492121. ARZM 07 013. Argentina. Jose Cancio, Formosa. Race Venezolano. Seeds semi-dent type. Local name Venezolano. Cultivated. Seed.
492122. ARZM 07 014. Argentina. Siete Palmas, Formosa. Race Canario de Formosa. Seeds flint type. Local name Colorado. Cultivated. Seed.
492123. ARZM 07 015. Argentina. Siete Palmas, Formosa. Race Calchaqui. Seeds flint type. Local name Tupi Locro. Cultivated. Seed.
492124. ARZM 07 016. Argentina. Siete Palmas, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492125. ARZM 07 018. Argentina. Siete Palmas, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492126. ARZM 07 019. Argentina. Laguna Pe, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492127. ARZM 07 020. Argentina. Laguna Pe, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492128. ARZM 07 021. Argentina. Siete Palmas, Formosa. Local name Pichinga Pipoca. Cultivated. Seed.
492129. ARZM 07 023. Argentina. Siete Palmas, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo Chipa. Cultivated. Seed.
492130. ARZM 07 024. Argentina. Tres Lagunas, Formosa. Race Pisingallo. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.

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492131. ARZM 07 025. Argentina. Tres Lagunas, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Tupi Colorado. Cultivated. Seed.
492132. ARZM 07 026. Argentina. Tres Lagunas, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492133. ARZM 07 027. Argentina. Tres Lagunas, Formosa. Race Calchaqui. Seeds flint type. Local name Blanco. Cultivated. Seed.
492134. ARZM 07 028. Argentina. Espinillo, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492135. ARZM 07 029. Argentina. Espinillo, Formosa. Race Avati Moroti. Seeds floury type. Local name Chipa Abati Moroti. Cultivated. Seed.
492136. ARZM 07 030. Argentina. Espinillo, Formosa. Local name Abati Pita. Cultivated. Seed.
492137. APZM 07 031. Argentina. Espinillo, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492138. ARZM 07 032. Argentina. Espinillo, Formosa. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492139. ARZM 07 033. Argentina. Espinillo, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492140. ARZM 07 035. Argentina. Espinillo, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492141. ARZM 07 036. Argentina. Santa Rosa, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492142. ARZM 07 037. Argentina. Santa Rosa, Formosa. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Colorado. Cultivated. Seed.
492143. ARZM 07 038. Argentina. Santa Rosa, Formosa. Local name Blanco. Cultivated. Seed.
492144. ARZM 07 039. Argentina. Santa Rosa, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado.

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- Cultivated. Seed.
492145. ARZM 07 040. Argentina. Santa Rosa, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492146. ARZM 07 041. Argentina. Santa Rosa, Formosa. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492147. ARZM 07 042. Argentina. Santa Rosa, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492148. ARZM 07 043. Argentina. Santa Rosa, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492149. ARZM 07 045. Argentina. Isla Caraya, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492150. ARZM 07 046. Argentina. Isla Caraya, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492151. ARZM 07 050. Argentina. El Paraiso, Formosa. Local name Amarillo. Cultivated. Seed.
492152. ARZM 07 051. Argentina. El Paraiso, Formosa. Race Perla Mediano. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492153. ARZM 07 052. Argentina. El Paraiso, Formosa. Race Calchaqui. Seeds flint type. Local name Blanco Tupi Locro. Cultivated. Seed.
492154. ARZM 07 053. Argentina. El Paraiso, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492155. ARZM 07 054. Argentina. El Paraiso, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492156. ARZM 07 055. Argentina. Isla Puen, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Locro Colorado. Cultivated. Seed.
492157. ARZM 07 056. Argentina. General Manuel Belgrano, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.

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492158. ARZM 07 057. Argentina. General Manuel Belgrano, Formosa. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492159. ARZM 07 058. Argentina. General Manuel Belgrano, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492160. ARZM 07 059. Argentina. Loma San Pablo, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492161. ARZM 07 060. Argentina. Loma San Pablo, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492162. ARZM 07 061. Argentina. Mision Franciscana Tacaagle, Formosa. Race Avati Moroti. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492163. ARZM 07 062. Argentina. Mision Vieja Tacaagle, Formosa. Local name Pichinga. Cultivated. Seed.
492164. ARZM 07 063. Argentina. Mision Vieja Tacaagle, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492165. ARZM 07 065. Argentina. Frontera, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Tupi Colorado. Cultivated. Seed.
492166. ARZM 07 066. Argentina. Frontera, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492167. AFZM 07 068. Argentina. Barrio San Isidro, Formosa. Race Avati Moroti. Seeds floury type. Local name Chipa. Cultivated. Seed.
492168. ARZM 07 070. Argentina. General J.C. Sanchez, Formosa. Race Compuesto Tropical. Seeds flint type. Local name Tupi Colorado. Cultivated. Seed.
492169. ARZM 07 072. Argentina. General J.C. Sanchez, Formosa. Race Perla Madiano. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492170. ARZM 07 073. Argentina. General J.C. Sanchez, Formosa. Local name Amarillo. Cultivated. Seed.
492171. ARZM 07 074. Argentina. General J.C. Sanchez, Formosa. Local name Tupi Locro. Cultivated. Seed.

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492172. ARZM 07 075. Argentina. Loma Hermosa, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492173. ARZM 07 076. Argentina. Loma Hermosa, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Tupi Colorado. Cultivated. Seed.
492174. ARZM 07 077. Argentina. El Recodo, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492175. ARZM 07 078. Argentina. El Recodo, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492176. ARZM 07 080. Argentina. El Recodo, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492177. ARZM 07 081. Argentina. El Recodo, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492178. ARZM 07 082. Argentina. Villa Hermosa, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492179. ARZM 07 083. Argentina. Villa Hermosa, Formosa. Race Avati Pichinga. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492180. ARZM 07 084. Argentina. Villa Hermosa, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492181. ARZM 07 086. Argentina. General Benjamin Victorica, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492182. ARZM 07 089. Argentina. General Benjamin Victorica, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado Hibrido. Cultivated. Seed.
492183. ARZM 07 090. Argentina. General Benjamin Victorica, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492184. ARZM 07 091. Argentina. General Benjamin Victorica, Formosa. Race Avati Moroti. Local name Amarillo. Cultivated. Seed.

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492185. ARZM 07 092. Argentina. El Olvido, Formosa. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Diente de Caballo. Cultivated. Seed.
492186. ARZM 07 093. Argentina. El Olvido, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado Hibrido. Cultivated. Seed.
492187. ARZM 07 094. Argentina. El Olvido, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492188. ARZM 07 095. Argentina. El Olvido, Formosa. Race Pisingallo. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492189. ARZM 07 096. Argentina. El Olvido, Formosa. Race Calchaqui. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492190. ARZM 07 097. Argentina. El Olvido, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492191. ARZM 07 098. Argentina. Soldado Tomas Sanchez, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492192. ARZM 07 099. Argentina. Soldado Tomas Sanchez, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492193. ARZM 07 100. Argentina. Soldado Tomas Sanchez, Formosa. Local name Pichinga. Cultivated. Seed.
492194. ARZM 07 101. Argentina. Colonia Esperanza, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado Hibrido de Segunda. Cultivated. Seed.
492195. ARZM 07 102. Argentina. Colonia Esperanza, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492196. ARZM 07 103. Argentina. Villa Mercedes, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492197. ARZM 07 104. Argentina. Agente Asuncion Leguizamon, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492198. ARZM 07 105. Argentina. Colonia El Alba, Formosa. Race

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- Avati Moroti. Seeds floury type. Local name Amarillo.
Cultivated. Seed.
492199. ARZM 07 106. Argentina. Colonia El Alba, Formosa. Local name Pichinga. Cultivated. Seed.
492200. ARZM 07 107. Argentina. Colonia El Alba, Formosa. Race Avati Moroti. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492201. APZM 07 109. Argentina. La Criolla, Formosa. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492202. ARZM 07 110. Argentina. La Criolla, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492203. ARZM 07 111. Argentina. La Criolla, Formosa. Race Venezolano. Seeds semi-dent type. Local name Pichinga. Cultivated. Seed.
492204. ARZM 07 112. Argentina. La Sirena, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492205. ARZM 07 113. Argentina. Villa Dos Trece, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492206. ARZM 07 114. Argentina. Villa Dos Trece, Formosa. Race Venezolano. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492207. ARZM 07 115. Argentina. Villa Dos Trece, Formosa. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492208. ARZM 07 116. Argentina. Villa Dos Trece, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492209. ARZM 07 117. Argentina. Villa Dos Trece, Formosa. Local name Pichinga. Cultivated. Seed.
492210. ARZM 07 118. Argentina. Villa Dos Trece, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492211. ARZM 07 119. Argentina. Campo Hardy, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.

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492212. ARZM 07 121. Argentina. Campo Hardy, Formosa. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492213. ARZM 07 122. Argentina. Racedo Escobar, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492214. ARZM 07 123. Argentina. Racedo Escobar, Formosa. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492215. ARZM 07 124. Argentina. Colonia Banaderos, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492216. ARZM 07 125. Argentina. Colonia Banaderos, Formosa. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492217. ARZM 07 126. Argentina. Colonia Banaderos, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492218. ARZM 07 128. Argentina. Brouchard, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492219. ARZM 07 129. Argentina. Brouchard, Formosa. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492220. ARZM 07 130. Argentina. Brouchard, Formosa. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492221. ARZM 07 132. Argentina. Los Tres Reyes, Formosa. Local name Amarillo. Cultivated. Seed.
492222. ARZM 07 133. Argentina. Los Tres Reyes, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492223. ARZM 07 134. Argentina. La Providencia, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492224. ARZM 07 135. Argentina. La Providencia, Formosa. Race Perlita. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492225. ARZM 07 136. Argentina. Las Lomitas, Formosa. Race Perlita. Seeds popcorn type. Local name Pichinga.

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Cultivated. Seed.

492226. ARZM 07 137. Argentina. Santa Teresa, Formosa. Race Dulce. Seeds sweet type. Local name Chulpi. Cultivated. Seed.
492227. ARZM 07 138. Argentina. Santa Teresa, Formosa. Local name Colorado. Cultivated. Seed.
492228. ARZM 07 139. Argentina. Teniente Brown, Formosa. Local name Amarillo. Cultivated. Seed.
492229. ARZM 07 140. Argentina. Teniente Brown, Formosa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492230. ARZM 07 141. Argentina. Doctor Jose Gasperi, Formosa. Race Pisingallo. Seeds popcorn type. Local name Pichinga. Cultivated. Seed.
492231. ARZM 07 142. Argentina. Doctor Jose Gasperi, Formosa. Race Canario de Formosa. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492232. ARZM 07 143. Argentina. Doctor Gumersindo Sayaga, Formosa. Local name Overo. Cultivated. Seed.
492233. ARZM 08 018. Argentina. El Jardin, Salta. Local name Cervecero. Cultivated. Seed.
492234. ARZM 08 019. Argentina. La Candelaria, Salta. Local name Capia. Cultivated. Seed.
492235. ARZM 08 020. Argentina. La Candelaria, Salta. Local name Pisingallo Mezcla. Cultivated. Seed.
492236. ARZM 08 021. Argentina. La Candelaria, Salta. Local name Sauceno. Cultivated. Seed.
492237. ARZM 08 022. Argentina. La Candelaria, Salta. Local name Criollo. Cultivated. Seed.
492238. ARZM 08 023. Argentina. La Candelaria, Salta. Local name Pisingallo. Cultivated. Seed.
492239. ARZM 08 024. Argentina. La Candelaria, Salta. Local name Criollo Mezcla. Cultivated. Seed.
492240. ARZM 08 025. Argentina. El Ceibal, Salta. Local name Chiriguano. Cultivated. Seed.
492241. ARZM 08 026. Argentina. El Ceibal, Salta. Local name Chaucha B. Mezcla. Cultivated. Seed.

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492242. ARZM 08 028. Argentina. El Ceibal, Salta. Local name Chaucha Amarillo. Cultivated. Seed.
492243. ARZM 08 029. Argentina. El Ceibal, Salta. Local name Perla. Cultivated. Seed.
492244. ARZM 08 030. Argentina. El Ceibal, Salta. Local name Chaucha Colorado. Cultivated. Seed.
492245. ARZM 08 031. Argentina. El Ceibal, Salta. Local name Pisinga. Cultivated. Seed.
492246. ARZM 08 032. Argentina. Metan, Salta. Local name Chulpi. Cultivated. Seed.
492247. ARZM 08 033. Argentina. Metan, Salta. Local name Diente de Caballo. Cultivated. Seed.
492248. ARZM 08 034. Argentina. Metan, Salta. Local name Pisingallo Color. Cultivated. Seed.
492249. ARZM 08 035. Argentina. Metan, Salta. Local name Chaucha Mezcla Pisinga. Cultivated. Seed.
492250. ARZM 08 036. Argentina. Metan, Salta. Local name Pisinga. Cultivated. Seed.
492251. ARZM 08 037. Argentina. Metan, Salta. Local name Capia con Chulpi. Cultivated. Seed.
492252. ARZM 08 038. Argentina. Metan, Salta. Local name Perla Mezcla. Cultivated. Seed.
492253. ARZM 08 039. Argentina. Metan, Salta. Local name Chaucha Perla Pisingallo. Cultivated. Seed.
492254. ARZM 08 040. Argentina. Paso El Durazno, Salta. Local name Chaucha Mezcla. Cultivated. Seed.
492255. ARZM 08 041. Argentina. Metan Viejo, Salta. Local name Chaucha. Cultivated. Seed.
492256. ARZM 08 042. Argentina. Paso El Durazno, Salta. Local name Orgullo. Cultivated. Seed.
492257. ARZM 08 043. Argentina. Metan Viejo, Salta. Local name Diente de Caballo Blanco. Cultivated. Seed.
492258. ARZM 08 044. Argentina. Metan Viejo, Salta. Local name Chaucha. Cultivated. Seed.
492259. ARZM 08 047. Argentina. Camara, Salta. Local name Perla.

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Cultivated. Seed.

492260. ARZM 08 048. Argentina. General Guemes, Salta. Local name Capia Tipo Bola. Cultivated. Seed.
492261. ARZM 08 049. Argentina. General Guemes, Salta. Local name Amarillo Criollo. Cultivated. Seed.
492262. ARZM 08 050. Argentina. General Guemes, Salta. Local name Blanco Ancho. Cultivated. Seed.
492263. ARZM 08 051. Argentina. General Guemes, Salta. Local name Perla Mezcla. Cultivated. Seed.
492264. ARZM 08 053. Argentina. El Naranjo, Salta. Local name Chaucha Pisingallo. Cultivated. Seed.
492265. ARZM 08 054. Argentina. Rio Las Piedras, Salta. Local name Dentado Blanco. Cultivated. Seed.
492266. ARZM 08 055. Argentina. El Galpon, Salta. Local name Chaucha Mezcla. Cultivated. Seed.
492267. ARZM 08 057. Argentina. El Alizal, Salta. Local name Pisingallo. Cultivated. Seed.
492268. ARZM 08 058. Argentina. El Alizal, Salta. Local name Pinto. Cultivated. Seed.
492269. ARZM 08 060. Argentina. El Alizal, Salta. Local name Pinto Criollo. Cultivated. Seed.
492270. ARZM 08 061. Argentina. El Alizal, Salta. Local name Pinto. Cultivated. Seed.
492271. ARZM 08 062. Argentina. El Alforcito, Salta. Local name Amarillo Ocho Diez Fayas. Cultivated. Seed.
492272. ARZM 08 063. Argentina. Ingeniero Maury, Salta. Local name Capia. Cultivated. Seed.
492273. ARZM 08 064. Argentina. Incamayo, Salta. Local name Pinto. Cultivated. Seed.
492274. ARZM 08 065. Argentina. Buena Vista, Salta. Local name Perla. Cultivated. Seed.
492275. ARZM 08 066. Argentina. Buena Vista, Salta. Local name Capia Color. Cultivated. Seed.
492276. ARZM 08 067. Argentina. Buena Vista, Salta. Local name Amarillo. Cultivated. Seed.

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492277. ARZH 08 068. Argentina. Buena Vista, Salta. Local name Perla. Cultivated. Seed.
492278. ARZH 08 069. Argentina. Buena Vista, Salta. Local name Blanco Mezcla. Cultivated. Seed.
492279. ARZH 08 070. Argentina. Buena Vista, Salta. Local name Amarillo Capia. Cultivated. Seed.
492280. ARZH 08 073. Argentina. Buena Vista, Salta. Local name Pisingallo. Cultivated. Seed.
492281. ARZH 08 075. Argentina. Buena Vista, Salta. Local name Capia Amarillo. Cultivated. Seed.
492282. ARZH 08 076. Argentina. Buena Vista, Salta. Local name Morocho. Cultivated. Seed.
492283. ARZH 08 078. Argentina. Buena Vista, Salta. Local name Capia. Cultivated. Seed.
492284. ARZH 08 079. Argentina. Coronel Holdes, Salta. Local name Criollo. Cultivated. Seed.
492285. ARZH 08 080. Argentina. Amposeadu, Salta. Local name Pisinga Color. Cultivated. Seed.
492286. ARZH 08 081. Argentina. La Vina, Salta. Local name Chaucha. Cultivated. Seed.
492287. ARZH 08 082. Argentina. Guachipos, Salta. Local name Pisinga Purpura. Cultivated. Seed.
492288. ARZH 08 083. Argentina. El Cebilar, Salta. Local name Chulpi. Cultivated. Seed.
492289. ARZH 08 084. Argentina. El Cebilar, Salta. Local name Chulpi. Cultivated. Seed.
492290. ARZH 08 085. Argentina. La Cueva, Salta. Local name Chaucha. Cultivated. Seed.
492291. ARZH 08 086. Argentina. Pampa Grande, Salta. Local name Chaucha. Cultivated. Seed.
492292. ARZH 08 087. Argentina. Cabra Corral, Salta. Local name Blanco Diente de Caballo. Cultivated. Seed.
492293. ARZH 08 088. Argentina. Chicoana, Salta. Local name Pinto. Cultivated. Seed.
492294. ARZH 08 089. Argentina. Simbolar, Salta. Local name

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- Pinto. Cultivated. Seed.
492295. ARZM 08 090. Argentina. Pampa Grande, Salta. Local name Capia. Cultivated. Seed.
492296. ARZM 08 091. Argentina. La Cueva, Salta. Local name Amarillo Capia. Cultivated. Seed.
492297. ARZM 08 092. Argentina. Payogasta, Salta. Local name Pisinga Purpura. Cultivated. Seed.
492298. ARZM 08 093. Argentina. Payogasta, Salta. Local name Chaucha. Cultivated. Seed.
492299. ARZM 08 096. Argentina. Cachi, Salta. Local name Amarillo Capia. Cultivated. Seed.
492300. ARZM 08 097. Argentina. Cachi, Salta. Local name Capia. Cultivated. Seed.
492301. ARZM 08 101. Argentina. Puerta La Paya, Salta. Local name Capia Tabanito. Cultivated. Seed.
492302. ARZM 08 102. Argentina. Puerta La Paya, Salta. Local name Pinto. Cultivated. Seed.
492303. ARZM 08 103. Argentina. Puerta La Paya, Salta. Local name Criollo Amarillo. Cultivated. Seed.
492304. ARZM 08 105. Argentina. Seclantos, Salta. Local name Colorado. Cultivated. Seed.
492305. ARZM 08 107. Argentina. La Vina, Salta. Local name Diente de Caballo. Cultivated. Seed.
492306. ARZM 08 109. Argentina. Alemania, Salta. Local name Perla Pisingallo Morado. Cultivated. Seed.
492307. ARZM 08 110. Argentina. Santa Barbara, Salta. Local name Perla Anaranjado. Cultivated. Seed.
492308. ARZM 08 111. Argentina. Santa Barbara, Salta. Local name Perla Color (Chaucha). Cultivated. Seed.
492309. ARZM 08 112. Argentina. La Punilla, Salta. Local name Pisinga Color. Cultivated. Seed.
492310. ARZM 08 113. Argentina. Angostaco, Salta. Local name Perla Mezcla. Cultivated. Seed.
492311. ARZM 08 115. Argentina. Cafayate, Salta. Local name Blanco Capia (Choclero). Cultivated. Seed.

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492312. ARZM 08 116. Argentina. Cafayate, Salta. Local name Morocho. Cultivated. Seed.
492313. ARZM 08 118. Argentina. Horcones, Salta. Local name Maiz Mexicano Pop. Cultivated. Seed.
492314. ARZM 08 119. Argentina. El Naranjo, Salta. Local name Criollo Amarillo. Cultivated. Seed.
492315. ARZM 08 120. Argentina. El Naranjo, Salta. Local name Maiz Azucar. Cultivated. Seed.
492316. ARZM 08 121. Argentina. Potrerillos, Salta. Local name Cervecero. Cultivated. Seed.
492317. ARZM 08 122. Argentina. Iruya, Salta. Local name Amarillo. Cultivated. Seed.
492318. ARZM 08 123. Argentina. Iruya, Salta. Local name Capia de Bolivia. Cultivated. Seed.
492319. ARZM 08 124. Argentina. Iruya, Salta. Local name Amarillo. Cultivated. Seed.
492320. ARZM 08 125. Argentina. Iruya, Salta. Local name Capia Blanco. Cultivated. Seed.
492321. ARZM 08 126. Argentina. Iruya, Salta. Local name Amarillo. Cultivated. Seed.
492322. ARZM 08 127. Argentina. Iruya, Salta. Local name Capia Rosado. Cultivated. Seed.
492323. ARZM 08 128. Argentina. Frontera Del Pie de la Cuesta, Salta. Local name Overito. Cultivated. Seed.
492324. ARZM 08 129. Argentina. Frontera Del Pie de la Cuesta, Salta. Local name Morocho. Cultivated. Seed.
492325. ARZM 08 130. Argentina. Frontera Del Pie de la Cuesta, Salta. Local name Amarillo. Cultivated. Seed.
492326. ARZM 08 132. Argentina. Frontera Del Pie de la Cuesta, Salta. Local name Maiz Variado. Cultivated. Seed.
492327. ARZM 08 134. Argentina. Santa Victoria, Salta. Local name Morocho. Cultivated. Seed.
492328. ARZM 08 135. Argentina. Santa Victoria, Salta. Local name Amarillo. Cultivated. Seed.
492329. ARZM 08 136. Argentina. Santa Victoria, Salta. Local

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- name Pisincho. Cultivated. Seed.
492330. ARZM 08 138. Argentina. Santa Victoria, Salta. Local name Capia Blanco. Cultivated. Seed.
492331. ARZM 08 139. Argentina. Santa Victoria, Salta. Local name Amarillo Chico. Cultivated. Seed.
492332. ARZM 08 140. Argentina. Santa Victoria, Salta. Local name Amarillo Grande. Cultivated. Seed.
492333. ARZM 08 145. Argentina. Santa Victoria, Salta. Local name Morocho. Cultivated. Seed.
492334. ARZM 08 147. Argentina. Santa Victoria, Salta. Local name Amarillo. Cultivated. Seed.
492335. ARZM 08 148. Argentina. Santa Victoria, Salta. Local name Capia Amarillo. Cultivated. Seed.
492336. ARZM 08 150. Argentina. Santa Victoria, Salta. Local name Marron. Cultivated. Seed.
492337. ARZM 08 151. Argentina. Santa Victoria, Salta. Local name Garrapata. Cultivated. Seed.
492338. ARZM 08 152. Argentina. Santa Victoria, Salta. Local name Chulpi. Cultivated. Seed.
492339. ARZM 08 153. Argentina. Santa Victoria, Salta. Local name Amarillo Ancho. Cultivated. Seed.
492340. ARZM 08 156. Argentina. Huerta, Salta. Local name Amarillo Capioso. Cultivated. Seed.
492341. ARZM 08 157. Argentina. Huerta, Salta. Local name Amarillo. Cultivated. Seed.
492342. ARZM 08 160. Argentina. Rodeopampa, Salta. Local name Culli. Cultivated. Seed.
492343. ARZM 08 161. Argentina. Rodeopampa, Salta. Local name Garrapata. Cultivated. Seed.
492344. ARZM 08 162. Argentina. Rodeopampa, Salta. Local name Amarillo Grande. Cultivated. Seed.
492345. ARZM 08 163. Argentina. Rodeopampa, Salta. Local name Amarillo Chico (Oscuro). Cultivated. Seed.
492346. ARZM 08 165. Argentina. Rodeopampa, Salta. Local name Amarillo. Cultivated. Seed.

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492347. ARZM 08 167. Argentina. Rodeopampa, Salta. Local name Pisincho (Pura). Cultivated. Seed.
492348. ARZM 08 168. Argentina. Rodeopampa, Salta. Local name Capia Rosado. Cultivated. Seed.
492349. ARZM 08 170. Argentina. Santa Victoria, Salta. Local name Amarillo. Cultivated. Seed.
492350. ARZM 08 175. Argentina. Arazay, Salta. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Variado. Cultivated. Seed.
492351. ARZM 08 177. Argentina. Arazay, Salta. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Tucumano. Cultivated. Seed.
492352. ARZM 08 178. Argentina. Vallecito, Salta. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492353. ARZM 08 179. Argentina. Vallecito, Salta. Race Chaucha Blanco. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492354. ARZM 08 180. Argentina. Los Toldos, Salta. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Tucumano. Cultivated. Seed.
492355. ARZM 08 181. Argentina. Los Toldos, Salta. Race Amarillo 8 Hileras. Seeds semi-dent type. Local name Morocho. Cultivated. Seed.
492356. ARZM 08 182. Argentina. Los Toldos, Salta. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Tucumano. Cultivated. Seed.
492357. ARZM 08 188. Argentina. Los Toldos, Salta. Race Tuzon. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492358. ARZM 08 189. Argentina. Los Toldos, Salta. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492359. ARZM 08 190. Argentina. Los Toldos, Salta. Local name Colorado. Cultivated. Seed.
492360. ARZM 08 191. Argentina. El Condado, Salta. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Overo. Cultivated. Seed.

491674 TO 492498-continued

492361. ARZM 08 194. Argentina. Mision Virgen de Fatima, Salta. Race Avati Moroti. Seeds floury type. Local name Blanco Amarillo Abati. Cultivated. Seed.
492362. ARZM 08 195. Argentina. Mision Virgen de Fatima, Salta. Race Tuzon. Seeds dent type. Local name Cubando Cubano. Cultivated. Seed.
492363. ARZM 08 198. Argentina. Mision Virgen de Fatima, Salta. Local name Negro. Cultivated. Seed.
492364. ARZM 08 199. Argentina. Mision Virgen de Fatima, Salta. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Amarillo de Marlo Colorado. Cultivated. Seed.
492365. ARZM 08 200. Argentina. Aguaray, Salta. Race Tuzon. Seeds semi-dent type. Local name Cubano. Cultivated. Seed.
492366. ARZM 08 201. Argentina. Mision Franciscana Yacuy, Salta. Local name Blanco. Cultivated. Seed.
492367. ARZM 08 202. Argentina. Mision Franciscana Yacuy, Salta. Race Avati Moroti. Seeds floury type. Local name Amarillo. Cultivated. Seed.
492368. ARZM 08 206. Argentina. Mision Franciscana Yacuy, Salta. Race Avati Moroti. Seeds floury type. Local name Blando. Cultivated. Seed.
492369. ARZM 08 207. Argentina. Mision Franciscana Yacuy, Salta. Local name Negro. Cultivated. Seed.
492370. ARZM 08 208. Argentina. Mercado de S. Ramon de la Nueva, Salta. Race Tuzon. Seeds semi-dent type. Local name Cubano. Cultivated. Seed.
492371. ARZM 09 011. Argentina. Yuto Km 2, Jujuy. Local name Amarillo Cubano. Cultivated. Seed.
492372. ARZM 09 012. Argentina. Yuto Km 2, Jujuy. Local name Cubano. Cultivated. Seed.
492373. ARZM 09 013. Argentina. Yuto Km 2, Jujuy. Local name Cubano-Yacuiba. Cultivated. Seed.
492374. ARZM 09 015. Argentina. Perico, Jujuy. Local name Amarillo. Cultivated. Seed.
492375. ARZM 09 016. Argentina. Perico (San Antonio), Jujuy. Local name Criollo Amarillo. Cultivated. Seed.
492376. ARZM 09 017. Argentina. Perico (San Antonio), Jujuy.

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- Local name Blanco Choclero. Cultivated. Seed.
492377. ARZM 09 018. Argentina. Perico (El Carmen), Jujuy. Local name Criollo Amarillo. Cultivated. Seed.
492378. ARZM 09 019. Argentina. La Almona, Jujuy. Local name Pisingallo Blanco. Cultivated. Seed.
492379. ARZM 09 020. Argentina. Yuto, Jujuy. Local name Maiz Harina. Cultivated. Seed.
492380. ARZM 09 022. Argentina. Chicapa, Jujuy. Local name Capia. Cultivated. Seed.
492381. ARZM 09 023. Argentina. Chicapa, Jujuy. Local name Pisincho. Cultivated. Seed.
492382. ARZM 09 024. Argentina. Chicapa, Jujuy. Local name Amarillo. Cultivated. Seed.
492383. ARZM 09 025. Argentina. Chicapa, Jujuy. Local name Morocho. Cultivated. Seed.
492384. ARZM 09 026. Argentina. Chicapa, Jujuy. Local name Capia. Cultivated. Seed.
492385. ARZM 09 027. Argentina. Chicapa, Jujuy. Local name Pisincho. Cultivated. Seed.
492386. ARZM 09 028. Argentina. Chicapa, Jujuy. Local name Amarillo. Cultivated. Seed.
492387. ARZM 09 029. Argentina. Chicapa, Jujuy. Local name Morocho. Cultivated. Seed.
492388. ARZM 09 030. Argentina. Chicapa, Jujuy. Local name Capia. Cultivated. Seed.
492389. ARZM 09 032. Argentina. Laguna Maimara, Jujuy. Local name Amarillo. Cultivated. Seed.
492390. ARZM 09 033. Argentina. Laguna Maimara, Jujuy. Local name Chulpi y Capia. Cultivated. Seed.
492391. ARZM 09 034. Argentina. Guayantayoc Maimara, Jujuy. Local name Amarillo. Cultivated. Seed.
492392. ARZM 09 036. Argentina. Maimara, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492393. ARZM 09 037. Argentina. Maimara, Jujuy. Local name Amarillo. Cultivated. Seed.

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492394. ARZM 09 038. Argentina. Maimara, Jujuy. Local name Amarillo. Cultivated. Seed.
492395. ARZM 09 039. Argentina. Maimara, Jujuy. Local name Capia. Cultivated. Seed.
492396. ARZM 09 040. Argentina. Maimara, Jujuy. Local name Amarillo. Cultivated. Seed.
492397. ARZM 09 041. Argentina. Chicapa, Jujuy. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492398. ARZM 09 042. Argentina. Chicapa, Jujuy. Local name Amarillo. Cultivated. Seed.
492399. ARZM 09 043. Argentina. Chicapa, Jujuy. Local name Pisincho. Cultivated. Seed.
492400. ARZM 09 044. Argentina. Chicapa, Jujuy. Local name Capia. Cultivated. Seed.
492401. ARZM 09 047. Argentina. Bella Vista Banda de Hornillos, Jujuy. Local name Capia Rosado. Cultivated. Seed.
492402. ARZM 09 048. Argentina. Bella Vista Banda de Hornillos, Jujuy. Local name Culli. Cultivated. Seed.
492403. ARZM 09 049. Argentina. Bella Vista Banda de Hornillos, Jujuy. Local name Amarillo. Cultivated. Seed.
492404. ARZM 09 050. Argentina. Bella Vista Banda de Hornillos, Jujuy. Local name Amarillo Variegado. Cultivated. Seed.
492405. ARZM 09 052. Argentina. Noques Banda de Hornillos, Jujuy. Local name Amarillo. Cultivated. Seed.
492406. ARZM 09 053. Argentina. Noques Banda de Hornillos, Jujuy. Local name Capia Blanco. Cultivated. Seed.
492407. ARZM 09 055. Argentina. Totorayoc Hornillos Maimara, Jujuy. Local name Amarillo. Cultivated. Seed.
492408. ARZM 09 056. Argentina. Cienaguillas Banda de Hornillos, Jujuy. Local name Amarillo. Cultivated. Seed.
492409. ARZM 09 057. Argentina. Tastas Banda de Hornillos, Jujuy. Local name Amarillo. Cultivated. Seed.
492410. ARZM 09 058. Argentina. Tastas Banda de Hornillos, Jujuy. Local name Capia. Cultivated. Seed.
492411. ARZM 09 059. Argentina. Tastas Banda de Hornillos, Jujuy.

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- Local name Amarillo. Cultivated. Seed.
492412. ARZM 09 061. Argentina. Tacomullu, Jujuy. Local name Amarillo. Cultivated. Seed.
492413. ARZM 09 062. Argentina. Tunalito, Jujuy. Local name Amarillo. Cultivated. Seed.
492414. ARZM 09 063. Argentina. Quebrada Colorada, Jujuy. Local name Pisincho. Cultivated. Seed.
492415. ARZM 09 065. Argentina. Quebrada Colorada, Jujuy. Local name Amarillo. Cultivated. Seed.
492416. ARZM 09 066. Argentina. Quebrada Colorada, Jujuy. Local name Capia. Cultivated. Seed.
492417. ARZM 09 067. Argentina. Quebrada Colorada, Jujuy. Local name Garrapata. Cultivated. Seed.
492418. ARZM 09 069. Argentina. La Mesada, Jujuy. Local name Amarillo. Cultivated. Seed.
492419. ARZM 09 071. Argentina. La Mesada, Jujuy. Local name Morocho. Cultivated. Seed.
492420. ARZM 09 073. Argentina. La Mesada, Jujuy. Local name Overo. Cultivated. Seed.
492421. ARZM 09 074. Argentina. La Mesada, Jujuy. Local name Pisincho. Cultivated. Seed.
492422. ARZM 09 076. Argentina. Quebrada de Hornaditas, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492423. ARZM 09 078. Argentina. Quebrada de la Sepultura, Jujuy. Local name Amarillo. Cultivated. Seed.
492424. ARZM 09 079. Argentina. Huachichocana Los Sauces, Jujuy. Local name Amarillo. Cultivated. Seed.
492425. ARZM 09 080. Argentina. Huachichocana, Jujuy. Local name Amarillo. Cultivated. Seed.
492426. ARZM 09 081. Argentina. Huachichocana, Jujuy. Local name Amarillo. Cultivated. Seed.
492427. ARZM 09 082. Argentina. La Cienaga, Jujuy. Local name Amarillo. Cultivated. Seed.
492428. ARZM 09 085. Argentina. La Cienaga, Jujuy. Local name Capia. Cultivated. Seed.

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492429. ARZM 09 086. Argentina. La Cienaga, Jujuy. Local name Amarillo. Cultivated. Seed.
492430. ARZM 09 088. Argentina. La Cienaga, Jujuy. Local name Garrapata. Cultivated. Seed.
492431. ARZM 09 089. Argentina. La Cienaga, Jujuy. Local name Amarillo. Cultivated. Seed.
492432. ARZM 09 092. Argentina. Esquina Amarilla, Jujuy. Local name Amarillo. Cultivated. Seed.
492433. ARZM 09 093. Argentina. Patacal, Jujuy. Local name Amarillo. Cultivated. Seed.
492434. ARZM 09 094. Argentina. Patacal, Jujuy. Local name Capia. Cultivated. Seed.
492435. ARZM 09 095. Argentina. Los Alamos, Jujuy. Local name Garrapata. Cultivated. Seed.
492436. ARZM 09 096. Argentina. Los Alamos, Jujuy. Local name Azul. Cultivated. Seed.
492437. ARZM 09 097. Argentina. Los Alamos, Jujuy. Local name Amarillo. Cultivated. Seed.
492438. ARZM 09 098. Argentina. Los Alamos, Jujuy. Local name Capia. Cultivated. Seed.
492439. ARZM 09 099. Argentina. Coquena Chalala, Jujuy. Local name Pisincho. Cultivated. Seed.
492440. ARZM 09 100. Argentina. Huasa Durazno Uquia, Jujuy. Local name Pisincho. Cultivated. Seed.
492441. ARZM 09 101. Argentina. Huasa Durazno Uquia, Jujuy. Local name Morocho. Cultivated. Seed.
492442. ARZM 09 102. Argentina. Huasa Durazno Uquia, Jujuy. Local name Chulpi. Cultivated. Seed.
492443. ARZM 09 103. Argentina. Huasa Durazno Uquia, Jujuy. Local name Overo Variado. Cultivated. Seed.
492444. ARZM 09 105. Argentina. Huasa Durazno Uquia, Jujuy. Local name Amarillo. Cultivated. Seed.
492445. ARZM 09 106. Argentina. Coctaca, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492446. ARZM 09 108. Argentina. Humahuaca, Jujuy. Local name

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- Amarillo. Cultivated. Seed.
492447. ARZM 09 112. Argentina. San Roque, Jujuy. Local name Morocho. Cultivated. Seed.
492448. ARZM 09 113. Argentina. San Roque, Jujuy. Local name Culli. Cultivated. Seed.
492449. ARZM 09 114. Argentina. San Roque, Jujuy. Local name Amarillo. Cultivated. Seed.
492450. ARZM 09 115. Argentina. Uquia, Jujuy. Local name Chulpi. Cultivated. Seed.
492451. ARZM 09 116. Argentina. Uquia, Jujuy. Local name Morocho. Cultivated. Seed.
492452. ARZM 09 117. Argentina. Uquia, Jujuy. Local name Capia. Cultivated. Seed.
492453. ARZM 09 118. Argentina. Uquia, Jujuy. Local name Amarillo. Cultivated. Seed.
492454. ARZM 09 119. Argentina. Quebrada de la Huerta, Jujuy. Local name Amarillo. Cultivated. Seed.
492455. ARZM 09 121. Argentina. Quebrada de la Huerta, Jujuy. Local name Morocho. Cultivated. Seed.
492456. ARZM 09 122. Argentina. Quebrada de la Huerta, Jujuy. Local name Culli. Cultivated. Seed.
492457. ARZM 09 123. Argentina. Quebrada de la Huerta, Jujuy. Local name Chulpi. Cultivated. Seed.
492458. ARZM 09 124. Argentina. Quebrada de la Huerta, Jujuy. Local name Capia. Cultivated. Seed.
492459. ARZM 09 125. Argentina. Quebrada de la Huerta, Jujuy. Local name Oke. Cultivated. Seed.
492460. ARZM 09 127. Argentina. Quebrada de la Huerta, Jujuy. Local name Capia. Cultivated. Seed.
492461. ARZM 09 128. Argentina. Quebrada de la Huerta, Jujuy. Local name Amarillo. Cultivated. Seed.
492462. ARZM 09 129. Argentina. Quebrada de la Huerta, Jujuy. Local name Chulpi. Cultivated. Seed.
492463. ARZM 09 131. Argentina. Quebrada de la Huerta, Jujuy. Local name Amarillo. Cultivated. Seed.

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492464. ARZM 09 132. Argentina. Quebrada de la Huerta, Jujuy. Local name Capia. Cultivated. Seed.
492465. ARZM 09 133. Argentina. Banda Del Molino, Jujuy. Local name Oke. Cultivated. Seed.
492466. ARZM 09 134. Argentina. Banda Del Molino, Jujuy. Local name Amarillo. Cultivated. Seed.
492467. ARZM 09 135. Argentina. Banda Del Molino, Jujuy. Local name Garrapata. Cultivated. Seed.
492468. ARZM 09 136. Argentina. Banda Del Molino, Jujuy. Local name Morocho. Cultivated. Seed.
492469. ARZM 09 137. Argentina. Banda Del Molino, Jujuy. Local name Capia Rosado. Cultivated. Seed.
492470. ARZM 09 138. Argentina. Banda Del Molino, Jujuy. Local name Pisincho. Cultivated. Seed.
492471. ARZM 09 141. Argentina. Alfarcito, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492472. ARZM 09 142. Argentina. Casa Colorada, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492473. ARZM 09 143. Argentina. Pampa Grande, Jujuy. Local name Amarillo. Cultivated. Seed.
492474. ARZM 09 144. Argentina. Pampa Grande, Jujuy. Local name Morocho. Cultivated. Seed.
492475. ARZM 09 145. Argentina. Pampa Grande, Jujuy. Local name Morocho. Cultivated. Seed.
492476. ARZM 09 146. Argentina. Pampa Grande, Jujuy. Local name Culli. Cultivated. Seed.
492477. ARZM 09 147. Argentina. Pampa Grande, Jujuy. Local name Garrapata. Cultivated. Seed.
492478. ARZM 09 148. Argentina. Pampa Grande, Jujuy. Local name Amarillo. Cultivated. Seed.
492479. ARZM 09 150. Argentina. Potrerillos, Jujuy. Local name Amarillo. Cultivated. Seed.
492480. ARZM 09 151. Argentina. Potrerillos, Jujuy. Local name Morocho. Cultivated. Seed.
492481. ARZM 09 152. Argentina. Potrerillos, Jujuy. Local name

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- Capia Rosado. Cultivated. Seed.
492482. ARZM 09 154. Argentina. Potrerillos, Jujuy. Local name Culli. Cultivated. Seed.
492483. ARZM 09 155. Argentina. Potrerillos, Jujuy. Local name Garrapata. Cultivated. Seed.
492484. ARZM 09 156. Argentina. Potrerillos, Jujuy. Local name Amarillo. Cultivated. Seed.
492485. ARZM 09 157. Argentina. Sauzal, Jujuy. Local name Amarillo. Cultivated. Seed.
492486. ARZM 09 158. Argentina, Sauzal, Jujuy. Local name Capia. Cultivated. Seed.
492487. ARZM 09 159. Argentina. Sauzal, Jujuy. Local name Morocho. Cultivated. Seed.
492488. ARZM 09 160. Argentina. Lagunita Tiraxi, Jujuy. Local name Amarillo. Cultivated. Seed.
492489. ARZM 09 161. Argentina. Lagunita Tiraxi, Jujuy. Local name Morocho. Cultivated. Seed.
492490. ARZM 09 163, Argentina. Abra Laite, Jujuy. Local name Amarillo. Cultivated. Seed.
492491. ARZM 09 164. Argentina. Pucara de Tilcara, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492492. ARZM 09 168. Argentina. San Borja, Jujuy. Local name Blanco. Cultivated. Seed.
492493. ARZM 09 169. Argentina. Normenta, Jujuy. Local name Maiz Variado. Cultivated. Seed.
492494. ARZM 09 171. Argentina. Arrayanal, Jujuy. Local name Blanco. Cultivated. Seed.
492495. ARZM 09 173. Argentina. Finca Marta, Jujuy. Local name Amarillo. Cultivated. Seed.
492496. ARZM 09 174. Argentina. San Borja, Jujuy. Local name Amarillo. Cultivated. Seed.
492497. ARZM 09 175. Argentina. San Borja, Jujuy. Local name Blanco. Cultivated. Seed.
492498. ARZM 09 176. Argentina. Bella Vista, Jujuy. Local name Azul. Cultivated. Seed.

492499 TO 493091. *Zea mays* L. (Poaceae) Corn.

From Argentina. Donated by Estacion Experimental Regional Agropecuaria Pergamino, INTA; 2700-Pergamino, Buenos Aires. Received through IBPGR, Rome, Italy. Received April 1984.

- 492499. ARZM 10 012. Argentina. Trancas, Tucuman. Local name Orgullo Mezcla. Cultivated. Seed.
- 492500. ARZM 10 013. Argentina. Trancas, Tucuman. Local name Cuarenton. Cultivated. Seed.
- 492501. ARZM 10 014. Argentina. Trancas, Tucuman. Local name Diente de Caballo. Cultivated. Seed.
- 492502. ARZM 10 015. Argentina. Trancas, Tucuman. Local name Orgullo Puro. Cultivated. Seed.
- 492503. ARZN 10 016. Argentina. Trancas, Tucuman. Local name Orgullo Puro. Cultivated. Seed.
- 492504. ARZM 10 017. Argentina. Trancas, Tucuman. Local name Blanco Ocho Rayas. Cultivated. Seed.
- 492505. ARZM 10 019. Argentina. Gonzalo, Tucuman. Local name Colorado Pisingallo. Cultivated. Seed.
- 492506. ARZM 10 020. Argentina. Gonzalo, Tucuman. Local name Pisinga. Cultivated. Seed.
- 492507. ARZM 10 022. Argentina. Leocadio Paz, Tucuman. Local name Diente de Caballo. Cultivated. Seed.
- 492508. ARZM 10 023. Argentina. Leocadio Paz, Tucuman. Local name Perla. Cultivated. Seed.
- 492509. ARZM 10 024. Argentina. Amaincha Del Valle, Tucuman. Local name Capia. Cultivated. Seed.
- 492510. ARZM 10 025. Argentina. Amaincha Del Valle, Tucuman. Local name Colorado. Cultivated. Seed.
- 492511. ARZM 10 026. Argentina. Amaincha Del Valle, Tucuman. Local name Amarillo Mezcla. Cultivated. Seed.
- 492512. ARZM 10 030. Argentina. El Mollar, Tucuman. Local name Pisinga. Cultivated. Seed.
- 492513. ARZM 10 032. Argentina. El Mollar, Tucuman. Local name Capia. Cultivated. Seed.
- 492514. ARZM 10 033. Argentina. El Mollar, Tucuman. Local name Perla Criollo. Cultivated. Seed.

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492515. ARZM 10 035. Argentina. El Mollar, Tucuman. Local name Perla Criollo. Cultivated. Seed.
492516. ARZM 10 036. Argentina. Trancas, Tucuman. Local name Capia Mezcla. Cultivated. Seed.
492517. ARZM 10 037. Argentina. Trancas, Tucuman. Local name Amarillo De Ocho. Cultivated. Seed.
492518. ARZM 10 041. Argentina. Trancas, Tucuman. Local name Colorado Sauceno. Cultivated. Seed.
492519. ARZM 10 042. Argentina. Hualinchay, Tucuman. Pisingallo Puro. Cultivated. Seed.
492520. ARZM 10 044. Argentina. Hualinchay, Tucuman. Local name Chaucha Blanco Mezcla. Cultivated. Seed.
492521. ARZM 10 045. Argentina. Hualinchay, Tucuman. Local name Orgullo Mezcla. Cultivated. Seed.
492522. ARZM 10 046. Argentina. Hualinchay, Tucuman. Local name Orgullo Intr.Colorado. Cultivated. Seed.
492523. ARZM 10 047. Argentina. Hualinchay, Tucuman. Local name Orgullo. Cultivated. Seed.
492524. ARZM 10 048. Argentina. Tacana, Tucuman. Local name Mezcla Chaucha Capia. Cultivated. Seed.
492525. ARZM 10 049. Argentina. Tacana, Tucuman. Local name Blanco Ancho. Cultivated. Seed.
492526. ARZM 10 051. Argentina. Tacana, Tucuman. Local name Capia Blanco. Cultivated. Seed.
492527. ARZM 10 052. Argentina. Tacana, Tucuman. Local name Chaucha Mezcla. Cultivated. Seed.
492528. ARZM 10 053. Argentina. Tacana, Tucuman. Local name Capia Violaceo. Cultivated. Seed.
492529. ARZM 10 056. Argentina. S. Pedro Colalao, Tucuman. Local name Chulpi. Cultivated. Seed.
492530. ARZM 10 060. Argentina. Hualinchay, Tucuman. Local name Criollo Purpura. Cultivated. Seed.
492531. ARZM 10 061. Argentina. Tacana, Tucuman. Local name Morocho Perla. Cultivated. Seed.
492532. ARZM 10 063. Argentina. Tacana, Tucuman. Local name

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- Morocho Perla. Cultivated. Seed.
492533. ARZM 10 064. Argentina. Tacana, Tucuman. Local name Venezolano. Cultivated. Seed.
492534. ARZM 10 066. Argentina. Tacana, Tucuman. Local name Blanco Choclero. Cultivated. Seed.
492535. ARZM 10 069. Argentina. Leocadio Paz, Tucuman. Local name Maiz Dulce. Cultivated. Seed.
492536. ARZM 10 070. Argentina. Leocadio Paz, Tucuman. Local name Perla. Cultivated. Seed.
492537. ARZM 10 071. Argentina. Los Puestos, Tucuman. Local name Venezuela Mezcla. Cultivated. Seed.
492538. ARZM 10 072. Argentina. Nueva Eapana, Tucuman. Local name Regional Blanco. Cultivated. Seed.
492539. ARZM 10 073. Argentina. Los Puestos, Tucuman. Local name Maiz Venezuela. Cultivated. Seed.
492540. ARZM 10 074. Argentina. Los Puestos, Tucuman. Local name Maiz Antidiluviano. Cultivated. Seed.
492541. ARZM 10 075. Argentina. La Encrucijada, Tucuman. Local name Maiz Cubano. Cultivated. Seed.
492542. ARZM 10 076. Argentina. Leales, Tucuman. Local name Sin Nombre. Cultivated. Seed.
492543. ARZM 10 077. Argentina. Los Puestos, Tucuman. Local name Pisinga. Cultivated. Seed.
492544. ARZM 10 078. Argentina. Los Puestos, Tucuman. Local name Maiz Regional. Cultivated. Seed.
492545. ARZM 10 079. Argentina. Leales, Tucuman. Local name Maiz Cubano. Cultivated. Seed.
492546. ARZM 10 080. Argentina. Leales, Tucuman. Local name Maiz Regional. Cultivated. Seed.
492547. ARZM 10 081. Argentina. Leales, Tucuman. Local name Maiz Capioso. Cultivated. Seed.
492548. ARZM 11 005. Argentina. Yanda, Santiago Del Estero. Local name Pisingallo Blanco. Cultivated. Seed.
492549. ARZM 11 007. Argentina. Guampacha, Santiago Del Estero. Local name Perla. Cultivated. Seed.

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492550. ARZM 11 008. Argentina. Guampacha, Santiago Del Estero.
Local name Perla. Cultivated. Seed.
492551. ARZM 11 010. Argentina. Guampacha, Santiago Del Estero.
Local name Criollo Introg. Cubano. Cultivated. Seed.
492552. ARZM 11 011. Argentina. Guampacha, Santiago Del Estero.
Local name Perla. Cultivated. Seed.
492553. ARZM 11 013. Argentina. Guasayan, Santiago Del Estero.
Local name Pisinga. Cultivated. Seed.
492554. ARZM 11 014. Argentina. Guasayan, Santiago Del Estero.
Local name Pisinga. Cultivated. Seed.
492555. ARZM 11 015. Argentina. Guasayan, Santiago Del Estero.
Local name Perla. Cultivated. Seed.
492556. ARZM 11 017. Argentina. Guasayan, Santiago Del Estero.
Local name Morocho. Cultivated. Seed.
492557. ARZM 11 018. Argentina. Choya, Santiago Del Estero.
Local name Calchaqui. Cultivated. Seed.
492558. ARZM 11 019. Argentina. Choya, Santiago Del Estero.
Local name Calchaqui. Cultivated. Seed.
492559. ARZM 11 020. Argentina. Sol De Mayo, Santiago Del Estero.
Local name Maiz Amarillo. Cultivated. Seed.
492560. ARZM 11 021. Argentina. Las Penas, Santiago Del Estero.
Local name Calchaqui. Cultivated. Seed.
492561. ARZM 11 022. Argentina. Las Penas, Santiago Del Estero.
Local name Calchaqui. Cultivated. Seed.
492562. ARZM 11 023. Argentina. Bodso, Santiago Del Estero.
Local name Calchaqui Mezcla. Cultivated. Seed.
492563. ARZM 11 024. Argentina. Choya, Santiago Del Estero.
Local name Calchaqui. Cultivated. Seed.
492564. ARZM 11 025. Argentina. Ancajan, Santiago Del Estero.
Local name Calchaqui Mezcla. Cultivated. Seed.
492565. ARZM 11 026. Argentina. Choya, Santiago Del Estero.
Local name Criollo Mezcla. Cultivated. Seed.
492566. ARZM 11 027. Argentina. Chiyo Choya, Santiago Del Estero.
Local name Calchaqui Blanco. Cultivated. Seed.
492567. ARZM 11 028. Argentina. Choya, Santiago Del Estero.

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- Local name Calchaqui Blanco. Cultivated. Seed.
492568. ARZM 11 029. Argentina. Santa Catalina, Santiago Del Estero. Local name Calchaqui Mezcla. Cultivated. Seed.
492569. ARZM 11 030. Argentina. Santa Catalina, Santiago Del Estero. Local name Calchaqui Blanco. Cultivated. Seed.
492570. ARZM 11 031. Argentina. Mangrullo, Santiago Del Estero. Local name Calchaqui Mezcla. Cultivated. Seed.
492571. ARZM 11 032. Argentina. Yutu Yacu, Santiago Del Estero. Local name Amarillo Regional. Cultivated. Seed.
492572. ARZM 11 033. Argentina. Manzupa, Santiago Del Estero. Local name Maiz Norteamericano. Cultivated. Seed.
492573. ARZM 11 034. Argentina. Yutu Yacu, Santiago Del Estero. Local name Maiz Comercial. Cultivated. Seed.
492574. ARZM 11 035. Argentina. Yutu Yacu, Sanitiago Del Estero. Local name Blanco Criollo. Cultivated. Seed.
492575. ARZM 11 036. Argentina. Yutu Yacu, Santiago Del Estero. Local name Amarillo Criollo. Cultivated. Seed.
492576. ARZM 11 037. Argentina. Yutu Yacu, Santiago Del Estero. Local name Blanco Criollo. Cultivated. Seed.
492577. ARZM 11 038. Argentina. Pampa De Los Guanacos, Santiago Del Estero. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
492578. ARZM 11 039. Argentina. Pampa De Los Guanacos, Santiago Del Estero. Race Venezolano. Seeds flint type. Local name Colorado. Cultivated. Seed.
492579. ARZM 11 040. Argentina. Los Pirpintos, Santiago Del Estero. Race Venezolano. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492580. ARZM 11 041. Argentina. Los Pirpintos, Santiago Del Estero. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Mazamorrero. Cultivated. Seed.
492581. ARZM 11 042. Argentina. Los Pirpintos, Santiago Del Estero. Race Venezolano. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492582. ARZM 11 043. Argentina. Monte Quemado, Santiago Del Estero. Race Venezolano. Seeds flint type. Local name Criollo. Cultivated. Seed.

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492583. ARZM 11 044. Argentina. Monte Quemado, Santiago Del Estero. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492584. ARZM 11 045. Argentina. Monte Quemado, Santiago Del Estero. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco Liso. Cultivated. Seed.
492585. ARZM 11 046. Argentina. Monte Quemado, Santiago Del Estero. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Dentado. Cultivated. Seed.
492586. ARZM 12 029. Argentina. Tinogasta, Catamarca. Local name Blanco. Cultivated. Seed.
492587. ARZM 12 030. Argentina. Tinogasta, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco Ancho. Cultivated. Seed.
492588. ARZM 12 031. Argentina. Tinogasta, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino Blanco. Cultivated. Seed.
492589. ARZM 12 032. Argentina. Tinogasta, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Cristalino y Dentado. Cultivated. Seed.
492590. ARZM 12 033. Argentina. Tinogasta, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Mezcla. Cultivated. Seed.
492591. ARZM 12 034. Argentina. Santa Rosa, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492592. ARZM 12 035. Argentina. Santa Rosa, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Blanco Amarillo Cristalino. Cultivated. Seed.
492593. ARZM 12 037. Argentina. Santa Rosa, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492594. ARZM 12 038. Argentina. Santa Rosa, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492595. ARZM 12 039. Argentina. Santa Rosa, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco Ancho. Cultivated. Seed.
492596. ARZM 12 040. Argentina. Santa Rosa, Catamarca. Race

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- Calchaqui. Seeds flint type. Local name Morocho Blanco. Cultivated. Seed.
492597. ARZM 12 043. Argentina. Fiambala, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado. Cultivated. Seed.
492598. ARZM 12 044. Argentina. Fiambala, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Panza Blanca. Cultivated. Seed.
492599. ARZM 12 045. Argentina. Fiambala, Catamarca. Race Pisingallo. Seeds popcorn type. Local name Pisincho. Cultivated. Seed.
492600. ARZM 12 046. Argentina. Copacabana, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492601. ARZM 12 047. Argentina. Copacabana, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Mezcla. Cultivated. Seed.
492602. ARZM 12 048. Argentina. Londres, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Maiz Ocho Rayas. Cultivated. Seed.
492603. ARZM 12 049. Argentina. Londres, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco Semidentado. Cultivated. Seed.
492604. ARZM 12 051. Argentina. Londres, Catamarca. Race Pisingallo. Seeds popcorn type. Local name Pispito Pequeno. Cultivated. Seed.
492605. ARZM 12 053. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492606. ARZM 12 054. Argentina. Belen, Catamarca. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492607. ARZM 12 055. Argentina. Belen, Catamarca. Local name Dentado Blanco. Cultivated. Seed.
492608. ARZM 12 056. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492609. ARZM 12 057. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Morocho. Cultivated. Seed.

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492610. ARZM 12 060. Argentina. Belen, Catamarca. Race Calchaqui. Seeds flint type. Local name Blanco. Cultivated. Seed.
492611. ARZM 12 061. Argentina. Belen, Catamarca. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492612. ARZM 12 062. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Blanco Dentado. Cultivated. Seed.
492613. ARZM 12 063. Argentina. Belen, Catamarca. Race Calchaqui. Seeds flint type. Local name Blanco Liso. Cultivated. Seed.
492614. ARZM 12 064. Argentina. Belen, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Panza Blanca. Cultivated. Seed.
492615. ARZM 12 065. Argentina. Belen, Catamarca. Local name Semidentado Blanco Amarillo. Cultivated. Seed.
492616. ARZM 12 066. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492617. ARZM 12 069. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Duro. Cultivated. Seed.
492618. ARZN 12 070. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Morocho. Cultivated. Seed.
492619. ARZN 12 073. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Morocho. Cultivated. Seed.
492620. ARZN 12 074. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492621. ARZM 12 075. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Dentado. Cultivated. Seed.
492622. ARZM 12 076. Argentina. Belen, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492623. ARZM 12 079. Argentina. La Cienaga, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro.

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Cultivated. Seed.

492624. ARZM 12 080. Argentina. La Cienaga, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Dentado. Cultivated. Seed.
492625. ARZM 12 081. Argentina. La Cienaga, Catamarca. Race Calchaqui. Seeds flint type. Local name Blanco Cristalino. Cultivated. Seed.
492626. ARZM 12 082. Argentina. La Cienaga, Catamarca. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492627. ARZM 12 083. Argentina. La Cienaga, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Dentado. Cultivated. Seed.
492628. ARZM 12 085. Argentina. La Cienaga, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Naranja Panza B. Cultivated. Seed.
492629. ARZM 12 086. Argentina. La Cienaga, Catamarca. Local name Blanco. Cultivated. Seed.
492630. ARZM 12 088. Argentina. Hualfin, Catamarca. Local name Cristalino Sol. Cultivated. Seed.
492631. ARZM 12 089. Argentina. Hualfin, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Blanco Semidentado. Cultivated. Seed.
492632. ARZM 12 090. Argentina. Hualfin, Catamarca. Race Calchaqui. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492633. ARZM 12 094. Argentina. Hualfin, Catamarca. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492634. ARZM 12 095. Argentina. Hualfin, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Semidentado Blanco y Amarillo. Cultivated. Seed.
492635. ARZM 12 096. Argentina. Hualfin, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492636. ARZM 12 100. Argentina. Hualfin, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492637. ARZM 12 102. Argentina. Hualfin, Catamarca. Race Dentado

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- y Semidentado Blanco. Seeds semi-dent type. Local name Dentado Blanco. Cultivated. Seed.
492638. ARZM 12 103. Argentina. Hualfin, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino Blanco y Amarillo. Cultivated. Seed.
492639. ARZM 12 105. Argentina. Hualfin, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Blanco Amarillo Semidentado. Cultivated. Seed.
492640. ARZM 12 107. Argentina. Hualfin, Catamarca. Local name Mezcla. Cultivated. Seed.
492641. ARZM 12 108. Argentina. Hualfin, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Semidentado Blanco Amarillo. Cultivated. Seed.
492642. ARZM 12 113. Argentina. Villa Vill, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492643. ARZM 12 115. Argentina. Villa Vill, Catamarca. Race Socorrito. Seeds flint type. Local name Maiz Criollo. Cultivated. Seed.
492644. ARZM 12 116. Argentina. Villa Vill, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492645. ARZM 12 117. Argentina. Villa Vill, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Maiz Rosado. Cultivated. Seed.
492646. ARZM 12 119. Argentina. Villa Vill, Catamarca. Race Socorrito. Seeds flint type. Local name Pisingallo Perlita. Cultivated. Seed.
492647. ARZM 12 120. Argentina. Villa Vill, Catamarca. Race Socorrito. Seeds flint type. Local name Cristalino Amarillo. Cultivated. Seed.
492648. ARZM 12 122. Argentina. Villa Vill, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Anaranjado. Cultivated. Seed.
492649. ARZM 12 123. Argentina. Villa Vill, Catamarca. Race Compuesto Tropical. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492650. ARZM 12 125. Argentina. Villa Vill, Catamarca. Local name Pisingallo. Cultivated. Seed.

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492651. ARZM 12 127. Argentina. Villa Vill, Catamarca. Race Compuesto Tropical. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492652. ARZM 12 130. Argentina. El Desmonte, Catamarca. Local name Cristalino Blanco. Cultivated. Seed.
492653. ARZM 12 131. Argentina. Santa Maria, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro Amarillo. Cultivated. Seed.
492654. ARZM 12 132. Argentina. Santa Maria, Catamarca. Local name Socorro Blanco. Cultivated. Seed.
492655. ARZM 12 135. Argentina. Santa Maria, Catamarca. Local name Capia Blanco. Cultivated. Seed.
492656. ARZM 12 136. Argentina. San Jose Banda, Catamarca. Race Calchaqui. Seeds flint type. Local name Morocho Blanco. Cultivated. Seed.
492657. ARZM 12 138. Argentina. San Jose Banda, Catamarca. Local name Azucar. Cultivated. Seed.
492658. ARZM 12 140. Argentina. San Jose Banda, Catamarca. Local name Socorro. Cultivated. Seed.
492659. ARZM 12 144. Argentina. San Jose Banda, Catamarca. Race Calchaqui. Seeds flint type. Local name Socorro Blanco. Cultivated. Seed.
492660. ARZM 12 146. Argentina. San Jose Banda, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro. Cultivated. Seed.
492661. ARZM 12 147. Argentina. San Jose Banda, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492662. ARZM 12 149. Argentina. San Jose Banda, Catamarca. Race Compuesto Tropical. Seeds flint type. Local name Blanco Amarillo Chico. Cultivated. Seed.
492663. ARZM 12 150. Argentina. Punta Balasto, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Socorro Grande. Cultivated. Seed.
492664. ARZM 12 151. Argentina. Punta Balasto, Catamarca. Race Calchaqui. Seeds flint type. Local name Cristalino Blanco Grande. Cultivated. Seed.
492665. ARZM 12 152. Argentina. Punta Balasto, Catamarca. Race

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- Compuesto Tropical. Seeds flint type. Local name Cuarenton. Cultivated. Seed.
492666. ARZM 12 154. Argentina. Punta Balasto, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro. Cultivated. Seed.
492667. ARZM 12 155. Argentina. Punta Balasto, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Azucar. Cultivated. Seed.
492668. ARZM 12 156. Argentina. Punta Balasto, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492669. ARZM 12 160. Argentina. Punta Balasto, Catamarca. Local name Capia Variegado. Cultivated. Seed.
492670. ARZM 12 162. Argentina. El Desmonte, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco Crio llo. Cultivated. Seed.
492671. ARZM 12 163. Argentina. El Desmonte, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro Amarillo. Cultivated. Seed.
492672. ARZM 12 164. Argentina. Ampajando, Catamarca. Local name Cola De Rata. Cultivated. Seed.
492673. ARZM 12 165. Argentina. Ampajando, Catamarca. Race Compuesto Tropical. Seeds dent type. Local name Dentado Multicolor. Cultivated. Seed.
492674. ARZM 12 166. Argentina. Ampajando, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Cristalino Variado. Cultivated. Seed.
492675. ARZM 12 167. Argentina. Ampajando, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro Amarillo. Cultivated. Seed.
492676. ARZM 12 168. Argentina. Andahuela, Catamarca. Local name Maiz Colita. Cultivated. Seed.
492677. ARZM 12 170. Argentina. Andahuela, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Maiz Chato. Cultivated. Seed.
492678. ARZM 12 171. Argentina. Andahuela, Catamarca. Local name Amarillo De Tafi. Cultivated. Seed.
492679. ARZM 12 172. Argentina. Andahuela, Catamarca. Race Perlita. Seeds popcorn type. Local name Colita.

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Cultivated. Seed.

492680. ARZM 12 173. Argentina. Andahuela, Catamarca. Local name Morocho. Cultivated. Seed.
492681. ARZM 12 175. Argentina. Palo Seco, Catamarca. Race Calchaqui. Seeds semi-dent type. Local name Morocho. Cultivated. Seed.
492682. ARZM 12 176. Argentina. Palo Seco, Catamarca. Race Calchaqui. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492683. ARZM 12 177. Argentina. Las Mojarras, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492684. ARZM 12 178. Argentina. Las Mojarras, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Morocho Blanco. Cultivated. Seed.
492685. ARZM 12 179. Argentina. Las Mojarras, Catamarca. Race Socorrito. Seeds flint type. Local name Socorro. Cultivated. Seed.
492686. ARZM 12 180. Argentina. Las Mojarras, Catamarca. Race Socorrito. Seeds flint type. Local name Mezcla. Cultivated. Seed.
492687. ARZM 12 183. Argentina. Las Mojarras, Catamarca. Local name Overo. Cultivated. Seed.
492688. ARZM 12 185. Argentina. Andalgalá, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492689. ARZM 12 186. Argentina. Andalgalá, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo. Cultivated. Seed.
492690. ARZM 12 187. Argentina. Andalgalá, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492691. ARZM 12 189. Argentina. Andalgalá, Catamarca. Local name Diente de Caballo. Cultivated. Seed.
492692. ARZM 12 190. Argentina. Andalgalá, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco Tierno. Cultivated. Seed.
492693. ARZM 12 191. Argentina. Andalgalá, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local

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- name Blanco. Cultivated. Seed.
492694. ARZM 12 193. Argentina. Andalgalá, Catamarca. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492695. ARZM 12 195. Argentina. Andalgalá, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Dentado Ancho Blanco. Cultivated. Seed.
492696. ARZM 12 196. Argentina. Andalgalá, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492697. ARZM 12 197. Argentina. Andalgalá, Catamarca. Race Pisingallo. Seeds popcorn type. Local name Pisincho Blanco. Cultivated. Seed.
492698. ARZM 12 199. Argentina. Andalgalá, Catamarca. Race Chaucha Blanco. Seeds flint type. Local name Cristalino Marlo Delgado. Cultivated. Seed.
492699. ARZM 12 202. Argentina. Colpes, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Dentado Ancho. Cultivated. Seed.
492700. ARZM 12 203. Argentina. Colpes, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492701. ARZM 12 204. Argentina. Colpes, Catamarca. Race Calchaqui. Seeds semi-dent type. Local name Mezcla. Cultivated. Seed.
492702. ARZM 12 205. Argentina. Colpes, Catamarca. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492703. ARZM 12 206. Argentina. Colpes, Catamarca. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492704. ARZM 12 207. Argentina. Colpes, Catamarca. Local name Pisingallo. Cultivated. Seed.
492705. ARZM 12 209. Argentina. Colpes, Catamarca. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Anaranjado uniforme. Cultivated. Seed.
492706. ARZM 12 210. Argentina. San Miguel, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Muela. Cultivated. Seed.

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492707. ARZM 12 212. Argentina. Mutquin, Catamarca. Local name Blanco. Cultivated. Seed.
492708. ARZM 12 213. Argentina. Michango, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Dentado Ancho Blanco. Cultivated. Seed.
492709. ARZM 12 214. Argentina. Michango, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492710. ARZM 12 215. Argentina. Rincon, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds semi-dent type. Local name Blanco Semidentado. Cultivated. Seed.
492711. ARZM 12 216. Argentina. Rincon, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Maiz Castano. Cultivated. Seed.
492712. ARZM 12 217. Argentina. Rincon, Catamarca. Race Compuesto Tropical. Seeds dent type. Local name Dentado Blanco y Amarillo. Cultivated. Seed.
492713. ARZM 12 218. Argentina. Rincon, Catamarca. Race Calchaqui. Seeds flint type. Local name Cristalino Amarillo. Cultivated. Seed.
492714. ARZM 12 219. Argentina. Rincon, Catamarca. Local name Mezcla. Cultivated. Seed.
492715. ARZM 12 220. Argentina. Rincon, Catamarca. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492716. ARZM 12 221. Argentina. Apoyaco, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Ancho. Cultivated. Seed.
492717. ARZM 12 222. Argentina. Apoyaco, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492718. ARZM 12 223. Argentina. Apoyaco, Catamarca. Local name Muela. Cultivated. Seed.
492719. ARZM 12 224. Argentina. Apoyaco, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492720. ARZM 12 225. Argentina. Apoyaco, Catamarca. Race Chaucha Blanco. Seeds semi-dent type. Local name Blanco Amarillo Marlo Fino. Cultivated. Seed.

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492721. ARZM 12 226. Argentina. Apoyaco, Catamarca. Race Chaucha Blanco. Seeds semi-dent type. Local name Cristalino Marlo Rosado. Cultivated. Seed.
492722. ARZM 12 227. Argentina. Apoyaco, Catamarca. Local name Mezcla. Cultivated. Seed.
492723. ARZM 12 228. Argentina. Apoyaco, Catamarca. Local name Pisingallo. Cultivated. Seed.
492724. ARZM 12 230. Argentina. Apoyaco, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco Amarillo. Cultivated. Seed.
492725. ARZM 12 231. Argentina. Apoyaco, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Dentado Blanco. Cultivated. Seed.
492726. ARZM 12 232. Argentina. Apoyaco, Catamarca. Race Chaucha Blanco. Seeds flint type. Local name Cristalino Blanco y Amarillo. Cultivated. Seed.
492727. ARZM 12 233. Argentina. Apoyaco, Catamarca. Race Dentado y Semidentado Blanco Marlo Fino. Seeds semi-dent type. Local name Semidentado Amarillo. Cultivated. Seed.
492728. ARZM 12 234. Argentina. Poman, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492729. ARZM 12 236. Argentina. Poman, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Anaranjado Panza Blanca. Cultivated. Seed.
492730. ARZM 12 237. Argentina. Poman, Catamarca. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Anaranjado Amarillo. Cultivated. Seed.
492731. ARZM 12 239. Argentina. Poman, Catamarca. Race Compuesto Tropical. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492732. ARZM 12 240. Argentina. Poman, Catamarca. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Muela. Cultivated. Seed.
492733. ARZM 12 242. Argentina. Poman, Catamarca. Race Compuesto Tropical. Seeds semi-dent type. Local name Dentado Multicolor. Cultivated. Seed.
492734. ARZM 12 244. Argentina. Paclin, Catamarca. Race Calchaqui. Seeds flint type. Local name Morocho Blanco.

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Cultivated. Seed.

492735. ARZM 12 245. Argentina. Paclin, Catamarca. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492736. ARZM 12 247. Argentina. Paclin, Catamarca. Race Dentado y Semidentado Amarillo. Seeds flint type. Local name Semidentado Cristalino Blanco. Cultivated. Seed.
492737. ARZM 13 016. Argentina. Chepes, La Rioja. Race Pisingallo. Seeds popcorn type. Local name Mezcla Pisingallo Perlita. Cultivated. Seed.
492738. ARZM 13 017. Argentina. Chepes, La Rioja. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Maiz Criollo. Cultivated. Seed.
492739. ARZM 13 018. Argentina. La Jarilla, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492740. ARZM 13 019. Argentina. La Jarilla, La Rioja. Race Compuesto Tropical. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492741. ARZM 13 021. Argentina. La Jarilla, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Maiz Entero. Cultivated. Seed.
492742. ARZM 13 022. Argentina. La Jarilla, La Rioja. Race Pisingallo. Seeds popcorn type. Local name Pisingallo y Perlita. Cultivated. Seed.
492743. ARZM 13 023. Argentina. La Jarilla, La Rioja. Local name Pura. Cultivated. Seed.
492744. ARZM 13 024. Argentina. La Jarilla, La Rioja. Race Compuesto Tropical. Seeds semi-dent type. Local name Diente de Caballo. Cultivated. Seed.
492745. ARZM 13 025. Argentina. La Jarilla, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492746. ARZM 13 026. Argentina. Noqueve, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492747. ARZM 13 027. Argentina. Noqueve, La Rioja. Local name Maiz De Espina. Cultivated. Seed.
492748. ARZM 13 028. Argentina. Noqueve, La Rioja. Race

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- Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492749. ARZM 13 030. Argentina. Ilisca, La Rioja. Local name Espina Aspero. Cultivated. Seed.
492750. ARZM 13 031. Argentina. Ilisca, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492751. ARZM 13 032. Argentina. Ilisca, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492752. ARZM 13 034. Argentina. Portezuelo, La Rioja. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492753. ARZM 13 035. Argentina. Portezuelo, La Rioja. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492754. ARZM 13 037. Argentina. Potrero, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492755. ARZM 13 038. Argentina. Potrero, La Rioja. Race Pisingallo. Seeds popcorn type. Local name Perlita y Espina. Cultivated. Seed.
492756. ARZM 13 042. Argentina. Potrero, La Rioja. Race Compuesto Tropical. Seeds semi-dent type. Local name Colorado Intenso. Cultivated. Seed.
492757. ARZM 13 043. Argentina. Potrero, La Rioja. Race Tuzon. Seeds semi-dent type. Local name Colorado Dentado. Cultivated. Seed.
492758. ARZM 13 044. Argentina. Potrero, La Rioja. Race Compuesto Tropical. Seeds semi-dent type. Local name Anaranjado Amarillo Panza Blanca. Cultivated. Seed.
492759. ARZM 13 046. Argentina. Potrero, La Rioja. Race Dentado Y Semidentado Blanco. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492760. ARZM 13 047. Argentina. Potrero, La Rioja. Local name Mezcla. Cultivated. Seed.
492761. ARZM 13 048. Argentina. Potrero, La Rioja. Local name Amarillo Vinoso. Cultivated. Seed.
492762. ARZM 13 049. Argentina. Potrero, La Rioja. Local name

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- Mezcla. Cultivated. Seed.
492763. ARZM 13 051. Argentina. Potrero, La Rioja. Race Perla Mediano. Seeds flint type. Local name Cristalino Amarillo Perlita. Cultivated. Seed.
492764. ARZM 13 052. Argentina. El Retamal, La Rioja. Local name Dentado Blanco. Cultivated. Seed.
492765. ARZM 13 053. Argentina. El Retamal, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492766. ARZM 13 055. Argentina. El Retamal, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492767. ARZM 13 057. Argentina. Pozo Verde, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492768. ARZM 13 059. Argentina. Pozo Verde, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino Garrapata. Cultivated. Seed.
492769. ARZM 13 060. Argentina. Pozo Verde, La Rioja. Local name Cereza. Cultivated. Seed.
492770. ARZM 13 061. Argentina. Pozo Verde, La Rioja. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492771. ARZM 13 063. Argentina. Santa Maria, La Rioja. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492772. ARZM 13 064. Argentina. Santa Maria, La Rioja. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Anaranjado. Cultivated. Seed.
492773. ARZM 13 065. Argentina. Portezuelo (Santa Maria), La Rioja. Local name Criollo. Cultivated. Seed.
492774. ARZM 13 066. Argentina. Portezuelo (Santa Maria), La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Mezcla. Cultivated. Seed.
492775. ARZM 13 067. Argentina. Portezuelo (Santa Maria), La Rioja. Local name Perlita Mezcla Pisingallo. Cultivated. Seed.
492776. ARZM 13 068. Argentina. Portezuelo (Santa Maria), La Rioja. Race Cristalino Colorado. Seeds flint type. Local

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- name Amarillo. Cultivated. Seed.
492777. ARZM 13 069. Argentina. Solca, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492778. ARZM 13 070. Argentina. Solca, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492779. ARZM 13 071. Argentina. Solca, La Rioja. Local name Dentado. Cultivated. Seed.
492780. ARZM 13 072. Argentina. Solca, La Rioja. Local name Amarillo. Cultivated. Seed.
492781. ARZM 13 073. Argentina. Solca, La Rioja. Race Perla Madiano. Seeds popcorn type. Local name Pisingallo Perlita. Cultivated. Seed.
492782. ARZM 13 077. Argentina. Los Mistoles, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492783. ARZM 13 078. Argentina. Los Mistoles, La Rioja. Race Dentado y Semidentado Blanco. Race semi-dent type. Local name Mezcla. Cultivated. Seed.
492784. ARZM 13 079. Argentina. Aguadita, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492785. ARZM 13 080. Argentina. Aguadita, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492786. ARZM 13 081. Argentina. La Ramada, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492787. ARZM 13 082. Argentina. La Ramada, La Rioja. Local name Cristalino. Cultivated. Seed.
492788. ARZM 13 083. Argentina. La Ramada, La Rioja. Race Calchaqui. Seeds flint type. Local name Mezcla. Cultivated. Seed.
492789. ARZM 13 084. Argentina. Chamical, La Rioja. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Maiz Chancho. Cultivated. Seed.
492790. ARZM 13 085. Argentina. Chamical, La Rioja. Local name Amarillo Cristalino. Cultivated. Seed.

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492791. ARZM 13 087. Argentina. Chamical, La Rioja. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492792. ARZM 13 088. Argentina. Chamical, La Rioja. Local name Pisingallo Blanco. Cultivated. Seed.
492793. ARZM 13 089. Argentina. Chamical, La Rioja. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Maiz Chanchero. Cultivated. Seed.
492794. ARZM 13 091. Argentina. Chamical, La Rioja. Local name Anaranjado Amarillo. Cultivated. Seed.
492795. ARZM 13 093. Argentina. Chamical, La Rioja. Local name Mezcla. Cultivated. Seed.
492796. ARZM 13 094. Argentina. Chamical, La Rioja. Race Pisingallo. Seeds popcorn type. Local name Pisincho. Cultivated. Seed.
492797. ARZM 13 096. Argentina. Chamical, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco Dentado. Cultivated. Seed.
492798. ARZM 13 097. Argentina. Chulo, La Rioja. Race Calchaqui. Seeds flint type. Local name Corneo Blanco. Cultivated. Seed.
492799. ARZM 13 098. Argentina. Chulo, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492800. ARZM 13 099. Argentina. Chulo, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492801. ARZM 13 102. Argentina. El Mollar, La Rioja. Race Pisingallo. Seeds popcorn type. Local name Pisincho. Cultivated. Seed.
492802. ARZM 13 104. Argentina. Bellavista, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492803. ARZM 13 106. Argentina. Bellavista, La Rioja. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492804. ARZM 13 107. Argentina. Bellavista, La Rioja. Local name Anaranjado Amarillo Panza Blanca. Cultivated. Seed.

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492805. ARZM 13 108. Argentina. Bellavista, La Rioja. Local name
Cristalino Panza Blanca. Cultivated. Seed.
492806. ARZM 13 109. Argentina. Bellavista, La Rioja. Local name
Cristalino Blanco Amarillo. Cultivated. Seed.
492807. ARZM 13 110. Argentina. Chamical Bellavista, La Rioja.
Local name Dentado Amarillo. Cultivated. Seed.
492808. ARZM 13 111. Argentina. Chamical Santa Barbara, La Rioja.
Local name Amarillo. Cultivated. Seed.
492809. ARZM 13 113. Argentina. Chamical Santa Barbara, La Rioja.
Race Cristalino Colorado. Seeds flint type. Local name
Anaranjado. Cultivated. Seed.
492810. ARZM 13 114. Argentina. Chamical Santa Barbara, La Rioja.
Local name Cristalino Amarillo. Cultivated. Seed.
492811. ARZM 13 115. Argentina. Chamical Santa Barbara, La Rioja.
Race Dentado y Semidentado Blanco. Seeds semi-dent type.
Local name Blanco. Cultivated. Seed.
492812. ARZM 13 116. Argentina. Punta De Los Llanos, La Rioja.
Race Cristalino Amarillo y Anaranjado. Seeds flint type.
Local name Amarillo. Cultivated. Seed.
492813. ARZM 13 118. Argentina. Punta De Los Llanos, La Rioja.
Local name Maiz Canario. Cultivated. Seed.
492814. ARZM 13 119. Argentina. Punta De Los Llanos, La Rioja.
Race Dentado y Semidentado Blanco. Seeds dent type. Local
name Blanco Dentado. Cultivated. Seed.
492815. ARZM 13 120. Argentina. Punta De Los Llanos, La Rioja.
Race Perla Mediano. Seeds flint type. Local name
Cristalino Amarillo. Cultivated. Seed.
492816. ARZM 13 121. Argentina. Punta De Los Llanos, La Rioja.
Local name Anaranjado Panza Blanca. Cultivated. Seed.
492817. ARZM 13 122. Argentina. Punta De Los Llanos, La Rioja.
Local name Dentado. Cultivated. Seed.
492818. ARZM 13 125. Argentina. Punta De Los Llanos, La Rioja.
Race Pisingallo. Seeds popcorn type. Local name
Pisingallo Blanco Anaranjado. Cultivated. Seed.
492819. ARZM 13 126. Argentina. Punta De Los Llanos, La Rioja.
Race Calchaqui. Seeds flint type. Local name Morocho.
Cultivated. Seed.

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492820. ARZM 13 127. Argentina. Punta De Los Llanos, La Rioja. Race Calchaqui. Seeds flint type. Local name Blanco. Cultivated. Seed.
492821. ARZM 13 129. Argentina. Punta De Los Llanos, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492822. ARZM 13 131. Argentina. Punta De Los Llanos, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
492823. ARZM 13 132. Argentina. Punta De Los Llanos, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492824. ARZM 13 133. Argentina. Punta De Los Llanos, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492825. ARZM 13 134. Argentina. Punta De Los Llanos, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Panza Blanca. Cultivated. Seed.
492826. ARZM 13 135. Argentina. Punta De Los Llanos, La Rioja. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492827. ARZM 13 136. Argentina. Patquia, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492828. ARZM 13 137. Argentina. Patquia, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492829. ARZM 13 140. Argentina. Chilecito (Aicuna), La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Dentado. Cultivated. Seed.
492830. ARZM 13 145. Argentina. Chilecito (Aicuna), La Rioja. Race Calchaqui. Seeds flint type. Local name Mezcla. Cultivated. Seed.
492831. ARZM 13 146. Argentina. Chilecito (Aicuna), La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492832. ARZM 13 147. Argentina. Chilecito (Aicuna), La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado. Cultivated. Seed.

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492833. ARZM 13 148. Argentina. Chilecito (Aicuna), La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492834. ARZM 13 149. Argentina. Chilecito (Aicuna), La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492835. ARZM 13 150. Argentina. Pagancillo, La Rioja. Local name Mezcla. Cultivated. Seed.
492836. ARZM 13 152. Argentina. Pagancillo, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino Panza Blanca. Cultivated. Seed.
492837. ARZM 13 153. Argentina. Pagancillo, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Dentado. Cultivated. Seed.
492838. ARZM 13 154. Argentina. Pagancillo, La Rioja. Race Dentado y Semidentado Blanco Marlo Fino. Seeds semi-dent type. Local name Dentado Blanco. Cultivated. Seed.
492839. ARZM 13 155. Argentina. Pagancillo, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino. Cultivated. Seed.
492840. ARZM 13 156. Argentina. Pagancillo, La Rioja. Local name Mezcla. Cultivated. Seed.
492841. ARZM 13 157. Argentina. Pagancillo, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Morocho. Cultivated. Seed.
492842. ARZM 13 159. Argentina. Pagancillo, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492843. ARZM 13 160. Argentina. Chilecito Pagancillo, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco Ancho. Cultivated. Seed.
492844. ARZM 13 161. Argentina. Chilecito Pagancillo, La Rioja. Local name Morocho. Cultivated. Seed.
492845. ARZM 13 162. Argentina. Vinchina, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino Blanco. Cultivated. Seed.
492846. ARZM 13 163. Argentina. Vinchina, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.

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492847. ARZM 13 164. Argentina. La Banda, La Rioja. Race Pisingallo. Seeds popcorn type. Local name Pisincho. Cultivated. Seed.
492848. ARZM 13 165. Argentina. La Banda, La Rioja. Local name Cristalino Semidentado. Cultivated. Seed.
492849. ARZM 13 166. Argentina. La Banda, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492850. ARZM 13 167. Argentina. La Banda, La Rioja. Local name Morocho. Cultivated. Seed.
492851. ARZM 13 169. Argentina. La Banda, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Semidentado. Cultivated. Seed.
492852. ARZM 13 170. Argentina. La Banda, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492853. ARZM 13 171. Argentina. La Banda, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado. Cultivated. Seed.
492854. ARZM 13 172. Argentina. La Banda, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Cristalino Blanco Semidentado. Cultivated. Seed.
492855. ARZM 13 174. Argentina. Villa Castelli, La Rioja. Local name Blanco y Amarillo Semidentado. Cultivated. Seed.
492856. ARZM 13 176. Argentina. Villa Castelli, La Rioja. Race Compuesto Tropical. Seeds flint type. Local name Cristalino Blanco. Cultivated. Seed.
492857. ARZM 13 177. Argentina. Villa Castelli, La Rioja. Race Dentado y Semidentado Blanco Marlo Fino. Seeds dent type. Local name Blanco Dentado. Cultivated. Seed.
492858. ARZM 13 180. Argentina. Aimogasta Antinaco, La Rioja. Race Compuesto Tropical. Seeds semi-dent type. Local name Cristalino Semidentado. Cultivated. Seed.
492859. ARZM 13 181. Argentina. Aimogasta Antinaco, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492860. ARZM 13 187. Argentina. Aimogasta Antinaco, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.

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492861. ARZM 13 189. Argentina. Aimogasta Antinaco, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492862. ARZM 13 190. Argentina. Aimogasta Antinaco, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492863. ARZM 13 191. Argentina. Aimogasta Antinaco, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492864. ARZM 13 192. Argentina. Pituil, La Rioja. Race Calchaqui. Seeds semi-dent type. Local name Cristalino Blanco. Cultivated. Seed.
492865. ARZM 13 194. Argentina. Pituil, La Rioja. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Dentado Amarillo. Cultivated. Seed.
492866. ARZM 13 196. Argentina. Pituil, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado. Cultivated. Seed.
492867. ARZM 13 199. Argentina. Pituil, La Rioja. Race Compuesto Tropical. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492868. ARZM 13 201. Argentina. Pituil, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492869. ARZM 13 202. Argentina. Pituil, La Rioja. Local name Dentado Ancho. Cultivated. Seed.
492870. ARZM 13 203. Argentina. Famatina, La Rioja. Race Calchaqui. Seeds flint type. Local name Cristalino Criollo. Cultivated. Seed.
492871. ARZM 13 204. Argentina. Famatina, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Dentado Ancho. Cultivated. Seed.
492872. ARZM 13 205. Argentina. Famatina, La Rioja. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492873. ARZM 13 206. Argentina. Famatina, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco. Cultivated. Seed.
492874. ARZM 13 207. Argentina. Famatina, La Rioja. Race Dentado

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- y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
492875. ARZM 13 209. Argentina. Famatina, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Blanco. Cultivated. Seed.
492876. ARZM 13 211. Argentina. Famatina, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Ancho. Cultivated. Seed.
492877. ARZM 13 212. Argentina. Famatina, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492878. ARZM 13 214. Argentina. Famatina, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Duro. Cultivated. Seed.
492879. ARZM 13 215. Argentina. Carrizal, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492880. ARZM 13 217. Argentina. Carrizal, La Rioja. Race Compuesto Tropical. Seeds semi-dent type. Local name Amarillo Cristalino. Cultivated. Seed.
492881. ARZM 13 218. Argentina. Angulo, La Rioja. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Amarillo Dentado. Cultivated. Seed.
492882. ARZM 13 221. Argentina. Campana, La Rioja. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Cristalino. Cultivated. Seed.
492883. ARZM 13 222. Argentina. Campana, La Rioja. Race Cristalino Colorado. Seeds flint type. Local name Amarillo Criollo. Cultivated. Seed.
492884. ARZM 14 009. Argentina. Alto Del Durazno, Cordoba. Local name Perlita Introg. Pisingallo. Cultivated. Seed.
492885. ARZM 14 010. Argentina. Alto Del Durazno, Cordoba. Local name Morocho. Cultivated. Seed.
492886. ARZM 14 011. Argentina. Alto Del Durazno, Cordoba. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Dentado Ancho. Cultivated. Seed.
492887. ARZM 14 012. Argentina. Paraje El Cano, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Una De Gato. Cultivated. Seed.

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492888. ARZM 14 013. Argentina. Las Lagunitas, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492889. ARZM 14 014. Argentina. Las Lagunitas, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492890. ARZM 14 015. Argentina. Las Tapias, Cordoba. Race Avati Moroti Ti. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492891. ARZM 14 016. Argentina. Las Lagunitas, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492892. ARZM 14 017. Argentina. Rio De Los Sauces, Cordoba. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492893. ARZM 14 018. Argentina. Alpa Corral, Cordoba. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Amarillo Rapido. Cultivated. Seed.
492894. ARZM 14 019. Argentina. Alpa Corral, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492895. ARZM 14 020. Argentina. Alpa Corral, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Colorado. Cultivated. Seed.
492896. ARZM 14 021. Argentina. Rio De Los Sauces, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras Amarillo. Cultivated. Seed.
492897. ARZM 14 022. Argentina. Rio De Los Sauces, Cordoba. Race Dentado y Semidentado Amarillo. Seeds flint type. Local name Gallego. Cultivated. Seed.
492898. ARZM 14 023. Argentina. Cerro San Lorenzo, Cordoba. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Gallego. Cultivated. Seed.
492899. ARZM 14 024. Argentina. Cerro San Lorenzo, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492900. ARZM 14 025. Argentina. Cerro San Lorenzo, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.

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492901. ARZM 14 026. Argentina. Cerro San Lorenzo, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492902. ARZM 14 028. Argentina. La Cruz, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492903. ARZM 14 029. Argentina. Valle De La Cruz, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492904. ARZM 14 030. Argentina. Valle De La Cruz, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492905. ARZM 14 031. Argentina. Los Quebrachos, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492906. ARZM 14 032. Argentina. Los Quebrachos, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras. Cultivated. Seed.
492907. ARZM 14 033. Argentina. Los Quebrachos, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras Amarillo. Cultivated. Seed.
492908. ARZM 14 034. Argentina. Atos Pampa, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492909. ARZM 14 035. Argentina. Atos Pampa, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492910. ARZM 14 036. Argentina. Atos Pampa, Cordoba. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Maizon Mezcla. Cultivated. Seed.
492911. ARZM 14 037. Argentina. Los Reartes, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon Con Capia. Cultivated. Seed.
492912. ARZM 14 038. Argentina. Los Reartes, Cordoba. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Purpura. Cultivated. Seed.
492913. ARZM 14 039. Argentina. Los Reartes, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.

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492914. ARZM 14 040. Argentina. Los Reartes, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492915. ARZM 14 041. Argentina. Los Reartes, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Criollo Col Amarillo. Cultivated. Seed.
492916. ARZM 14 042. Argentina. Atos Pampa, Cordoba. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Gallego. Cultivated. Seed.
492917. ARZM 14 043. Argentina. La Capilla, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492918. ARZM 14 044. Argentina. La Capilla, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado Criollo. Cultivated. Seed.
492919. ARZM 14 046. Argentina. San Ignacio, Cordoba. Race Calchaqui. Seeds flint type. Local name Morocho. Cultivated. Seed.
492920. ARZM 14 047. Argentina. San Ignacio, Cordoba. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Gallego. Cultivated. Seed.
492921. ARZM 14 049. Argentina. Santa Rosa De Calamuchita, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492922. ARZM 14 050. Argentina. Santa Rosa De Calamuchita, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492923. ARZM 14 051. Argentina. Santa Rosa De Calamuchita, Cordoba. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Gallego. Cultivated. Seed.
492924. ARZM 14 052. Argentina. Santa Rosa De Calamuchita, Cordoba. Race Calchaqui. Seeds flint type. Local name Perlita Con Amarillo. Cultivated. Seed.
492925. ARZM 14 053. Argentina. Chuna, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492926. ARZM 14 054. Argentina. Chuna, Cordoba. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Purpura. Cultivated. Seed.

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492927. ARZM 14 055. Argentina. Chuna, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492928. ARZM 14 056. Argentina. Chuna, Cordoba. Local name Colorado Criollo. Cultivated. Seed.
492929. ARZM 14 057. Argentina. San Nicolas, Cordoba. Race Cristalino Colorado. Seeds semi-dent type. Local name Colorado Amarillo Comun. Cultivated. Seed.
492930. ARZM 14 060. Argentina. San Marcos Sierra, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Colorado Purpura Variegado. Cultivated. Seed.
492931. ARZM 14 061. Argentina. San Marcos Sierra, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492932. ARZM 14 062. Argentina. Pampa De Olaen, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Una De Gato. Cultivated. Seed.
492933. ARZM 14 063. Argentina. Pampa De Olaen, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo Baya Overo. Cultivated. Seed.
492934. ARZM 14 064. Argentina. Pampa De Olaen, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492935. ARZM 14 065. Argentina. Alta Gracia, Cordoba. Race Dulce. Seeds sweet type. Local name Chulpi. Cultivated. Seed.
492936. ARZM 14 066. Argentina. Alta Gracia, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Dentado. Cultivated. Seed.
492937. ARZM 14 067. Argentina. Alta Gracia, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
492938. ARZM 14 068. Argentina. Alta Gracia, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Colorado Purpura. Cultivated. Seed.
492939. ARZM 14 069. Argentina. Alta Gracia, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492940. ARZM 14 070. Argentina. Alta Gracia, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Pisingallo

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- Mezcla. Cultivated. Seed.
492941. ARZM 14 071. Argentina. Alta Gracia, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Morado. Cultivated. Seed.
492942. ARZM 14 072. Argentina. Canada El Tala, Cordoba. Race Cristalino Colorado. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492943. ARZM 14 073. Argentina. Arroyo San Antonio, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado Criollo. Cultivated. Seed.
492944. ARZM 14 074. Argentina. Arroyo San Antonio, Cordoba. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Maizon Espiga Chica. Cultivated. Seed.
492945. ARZM 14 075. Argentina. Arroyo San Antonio, Cordoba. Race Cristalino Colorado. Seeds semi-dent type. Local name Colorado Criollo. Cultivated. Seed.
492946. ARZM 14 076. Argentina. Arroyo San Antonio, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492947. AFZM 14 077. Argentina. Arroyo San Antonio, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo-Mezcla. Cultivated. Seed.
492948. AFZM 14 078. Argentina. Arroyo San Antonio, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras Colorado. Cultivated. Seed.
492949. ARZM 14 079. Argentina. Aguada De Las Chacras, Cordoba. Race Cristalino Colorado. Seeds semi-dent type. Local name Col Amarillo Criollo. Cultivated. Seed.
492950. ARZM 14 080. Argentina. Aguada De Las Chacras, Cordoba. Local name Capia Mezcla. Cultivated. Seed.
492951. ARZM 14 081. Argentina. Aguada De Las Chacras, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Una De Gato Amarilla. Cultivated. Seed.
492952. ARZM 14 082. Argentina. Aguada De Las Chacras, Cordoba. Race Pisingallo. Seeds popcorn type. Local name Una De Gato Morado. Cultivated. Seed.
492953. ARZM 14 083. Argentina. Canada El Tala, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Ocho Hileras Amarillo. Cultivated. Seed.

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492954. ARZM 14 084. Argentina. Tala Canada, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Criollo Con Ocho Hileras. Cultivated. Seed.
492955. ARZM 14 085. Argentina. Tala Canada, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492956. ARZM 14 086. Argentina. Tala Canada, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds semi-dent type. Local name Criollo. Cultivated. Seed.
492957. ARZM 14 087. Argentina. Sagrada Familia, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492958. ARZM 14 088. Argentina. Sagrada Familia, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Criollo Con Ocho Hileras. Cultivated. Seed.
492959. ARZM 14 089. Argentina. Mina Clavero, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492960. ARZM 14 090. Argentina. Piedras Blancas, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Blanco Ocho Hileras. Cultivated. Seed.
492961. ARZM 14 091. Argentina. Piedras Blancas, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492962. ARZM 14 092. Argentina. Piedras Blancas, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo Ocho Hileras. Cultivated. Seed.
492963. ARZM 14 093. Argentina. Piedras Blancas, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492964. ARZM 14 094. Argentina. Piedras Blancas, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492965. ARZM 14 095. Argentina. Piedras Blancas, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Criollo Amarillo. Cultivated. Seed.
492966. ARZM 14 096. Argentina. Piedras Blancas, Cordoba. Race Amarillo 8 Hileras. Seeds flint type. Local name Criollo Mezcla Con Ocho Hileras. Cultivated. Seed.

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492967. ARZM 14 097. Argentina. Villa Cura Brochero, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Maizon. Cultivated. Seed.
492968. ARZM 14 098. Argentina. Villa Cura Brochero, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492969. ARZM 14 099. Argentina. Villa Cura Brochero, Cordoba. Race Blanco 8 Hileras. Seeds flint type. Local name Ocho Hileras Blanco. Cultivated. Seed.
492970. ARZM 14 100. Argentina. Nono, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492971. ARZM 14 101. Argentina. Mina Clavero, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492972. ARZM 14 102. Argentina. Mina Clavero, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Morado. Cultivated. Seed.
492973. ARZM 14 103. Argentina. Mina Clavero, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492974. ARZM 14 104. Argentina. Nono, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492975. ARZM 14 105. Argentina. La Toma, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492976. ARZM 14 106. Argentina. San Jose De La Dormida, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492977. ARZM 14 107. Argentina. San Jose De La Dormida, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492978. ARZM 14 108. Argentina. Los Nogales, Cordoba. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Sin Nombre. Cultivated. Seed.
492979. ARZM 14 109. Argentina. La Toma, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.

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492980. ARZM 14 110. Argentina. La Toma, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492981. ARZM 14 111. Argentina. San Jose De La Dormida, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492982. ARZM 14 112. Argentina. San Jose De La Dormida, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492983. ARZM 14 113. Argentina. San Jose De La Dormida, Cordoba. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Sin Nombre. Cultivated. Seed.
492984. ARZM 14 115. Argentina. La Toma, Cordoba. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Sin Nombre. Cultivated. Seed.
492985. ARZM 14 118. Argentina. Mina Clavero, Cordoba. Race Avati Moroti Ti. Seeds floury type. Local name Overo. Cultivated. Seed.
492986. ARZM 14 120. Argentina. Cordoba, Cordoba. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492987. ARZM 17 001. Argentina. Canada Las Negras, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
492988. ARZM 17 002. Argentina. Cerro De Oro, San Luis. Race Dentado y Semidentado Amarillo. Seeds dent type. Local name Gallego. Cultivated. Seed.
492989. ARZM 17 003. Argentina. Carpinteria, San Luis. Race Amarillo 8 Hileras. Seeds flint type. Local name Canario Ocho Hileras. Cultivated. Seed.
492990. ARZM 17 004. Argentina. Carpinteria, San Luis. Race Pisingallo. Seeds popcorn type. Local name Una De Gato. Cultivated. Seed.
492991. ARZM 17 005. Argentina. Carpinteria, San Luis. Race Cristalino Colorado. Seeds flint type. Local name La Holandesa. Cultivated. Seed.
492992. ARZM 17 006. Argentina. Carpinteria, San Luis. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.

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492993. ARZM 17 007. Argentina. Papagayos, San Luis. Race Cristalino Colorado. Seeds semi-dent type. Local name Colorado. Cultivated. Seed.
492994. ARZM 17 008. Argentina. El Paraiso, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492995. ARZM 17 009. Argentina. Las Chacras, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492996. ARZM 17 010. Argentina. Las Chacras, San Luis. Race Dentado y Semidentado Blanco. Seeds semi-dent type. Local name Chancho. Cultivated. Seed.
492997. ARZM 17 011. Argentina. Las Chacras, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
492998. ARZM 17 012. Argentina. Las Chacras, San Luis. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
492999. ARZM 17 013. Argentina. Barrancas Coloradas, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493000. ARZM 17 014. Argentina. Barrancas Coloradas, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493001. ARZM 17 015. Argentina. Barrancas Coloradas, San Luis. Race Pisingallo. Seeds popcorn type. Local name Una De Gato Purpura Blanco. Cultivated. Seed.
493002. ARZM 17 016. Argentina. El Milagro, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado Criollo. Cultivated. Seed.
493003. ARZM 17 017. Argentina. El Milagro, San Luis. Race Dulce. Seeds sweet type. Local name Saramisco. Cultivated. Seed.
493004. ARZM 17 018. Argentina. El Milagro, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493005. ARZM 17 019. Argentina. El Milagro, San Luis. Race Pisingallo. Seeds popcorn type. Local name Una De Gato. Cultivated. Seed.
493006. ARZM 17 020. Argentina. Nogoli, San Luis. Race

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- Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
493007. ARZM 17 021. Argentina. Vizcachera, San Luis. Race Pisingallo. Seeds popcorn type. Local name Uno De Gato. Cultivated. Seed.
493008. ARZM 17 022. Argentina. Nogoli, San Luis. Race Pisingallo. Seeds popcorn type. Local name Una De Gato. Cultivated. Seed.
493009. ARZM 17 023. Argentina. Cuatro Corredores, San Luis. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
493010. ARZM 17 024. Argentina. Cuatro Corredores, San Luis. Race Perla Mediano. Seeds flint type. Local name Perlita. Cultivated. Seed.
493011. ARZM 17 025. Argentina. Socoscora, San Luis. Race Amargo. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493012. ARZM 17 026. Argentina. Pozo Cavado, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493013. ARZM 17 027. Argentina. Pozo Cavado, San Luis. Race Pisingallo. Seeds popcorn type. Local name Espinado. Cultivated. Seed.
493014. ARZM 17 028. Argentina. Las Tosquitas, San Luis. Race Calchaqui. Seeds flint type. Local name Perla Mezcla. Cultivated. Seed.
493015. ARZM 17 029. Argentina. Las Tosquitas, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493016. ARZM 17 030. Argentina. Leandro N. Alem, San Luis. Race Pisingallo. Seeds popcorn type. Local name Pisingallo. Cultivated. Seed.
493017. ARZM 17 031. Argentina. Leandro N. Alem, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493018. ARZM 17 032. Argentina. Lujan, San Luis. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco Morocho. Cultivated. Seed.
493019. ARZM 17 033. Argentina. Lujan, San Luis. Local name Perla Con Pisingallo. Cultivated. Seed.

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493020. ARZM 17 034. Argentina. El Pantanillo, San Luis. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
493021. ARZM 17 035. Argentina. Quines, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493022. ARZM 17 038. Argentina. Los Lobos, San Luis. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Diente de Caballo. Cultivated. Seed.
493023. ARZM 17 039. Argentina. Los Lobos, San Luis. Race Calchaqui. Seeds flint type. Local name Morocho Mezcla. Cultivated. Seed.
493024. ARZM 17 040. Argentina. Los Lobos, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493025. ARZM 17 041. Argentina. Los Lobos, San Luis. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo Ocho Hileras. Cultivated. Seed.
493026. ARZM 17 042. Argentina. Los Lobos, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado Amarillo. Cultivated. Seed.
493027. ARZM 17 043. Argentina. Los Lobos, San Luis. Race Pisingallo. Seeds popcorn type. Local name Espina. Cultivated. Seed.
493028. ARZM 17 044. Argentina. Los Lobos, San Luis. Race Dentado y Semidentado Amarillo Marlo Fino. Seeds flint type. Local name Colorado. Cultivated. Seed.
493029. ARZM 17 045. Argentina. Los Lobos, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493030. ARZM 17 046. Argentina. Concaran, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Criollo. Cultivated. Seed.
493031. ARZM 17 047. Argentina. El Volcan, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493032. ARZM 17 048. Argentina. La Barranquita, San Luis. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo. Cultivated. Seed.

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493033. ARZM 17 049. Argentina. Capital, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493034. ARZM 17 050. Argentina. La Barranquita, San Luis. Race Calchaqui. Seeds flint type. Local name Perla. Cultivated. Seed.
493035. ARZM 17 051. Argentina. El Volcan, San Luis. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo De Ocho. Cultivated. Seed.
493036. ARZM 17 052. Argentina. El Volcan, San Luis. Race Dentado y Semidentado Blanco. Seeds dent type. Local name Dentado Blanco. Cultivated. Seed.
493037. ARZM 17 053. Argentina. El Volcan, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado. Cultivated. Seed.
493038. ARZM 17 055. Argentina. La Estrechadura, San Luis. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493039. ARZM 17 056. Argentina. Durazno Alto, San Luis. Race Cristalino Colorado. Seeds flint type. Local name Colorado Holandes. Cultivated. Seed.
493040. ARZM 17 057. Argentina. San Luis. Local name Pisingallo. Cultivated. Seed.
493041. ARZM 17 058. Argentina. San Luis. Local name Capia. Cultivated. Seed.
493042. ARZM 18 001. Argentina. Cachirulo, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493043. ARZM 18 002. Argentina. General Pico, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Chancho. Cultivated. Seed.
493044. ARZM 18 003. Argentina. General Pico, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Dentado Marlo Colorado. Cultivated. Seed.
493045. ARZM 18 004. Argentina. General Pico, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493046. ARZM 18 005. Argentina. General Pico, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name

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- Colorado La Holandesa. Cultivated. Seed.
493047. ARZM 18 006. Argentina. Metileo, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa Modificado. Cultivated. Seed.
493048. ARZM 18 007. Argentina. Realico, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493049. ARZM 18 008. Argentina. Ojeda, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493050. ARZM 18 009. Argentina. Caleufu, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493051. ARZM 18 010. Argentina. Caleufu, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493052. ARZM 18 011. Argentina. Pichi Huinca, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493053. ARZM 18 012. Argentina. Santa Teresa, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493054. ARZM 18 013. Argentina. Santa Teresa, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493055. ARZM 18 014. Argentina. Bordenave, La Pampa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Don Faustino. Cultivated. Seed.
493056. ARZM 18 015. Argentina. General Acha, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493057. ARZM 18 016. Argentina. Cultivated. Seed.
493058. ARZM 18 017. Argentina. Col. Chica, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493059. ARZM 18 018. Argentina. Pichi Huinca, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo De Simoni. Cultivated. Seed.
493060. ARZM 18 019. Argentina. Pichi Huinca, La Pampa. Race

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- Amarillo 8 Hileras. Seeds flint type. Local name Amarillo De Simoni. Cultivated. Seed.
493061. ARZM 18 020. Argentina. Santa Teresa, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo De Simoni. Cultivated. Seed.
493062. ARZM 18 021. Argentina. General Acha, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo De Simoni. Cultivated. Seed.
493063. ARZM 18 023. Argentina. Metiteo, La Pampa. Race Cristalino Amarillo y Anaranjado. Seeds flint type. Local name Chancho. Cultivated. Seed.
493064. ARZM 18 024. Argentina. Caleufu, La Pampa. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Dentado. Cultivated. Seed.
493065. ARZM 18 025. Argentina. Eduardo Castex, La Pampa. Race Dulce. Seeds sweet type. Local name Choclo. Cultivated. Seed.
493066. ARZM 18 026. Argentina. Colonia Chica, La Pampa. Race Avati Moroti Ti. Seeds floury type. Local name Maiz Harina. Cultivated. Seed.
493067. ARZM 18 028. Argentina. Eduardo Castex, La Pampa. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
493068. ARZM 18 029. Argentina. Col. Santa Teresa, La Pampa. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
493069. ARZM 18 030. Argentina. Col. Santa Teresa, La Pampa. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
493070. ARZM 18 031. Argentina. Est. Experimental, La Pampa. Race Blanco 8 Hileras. Seeds flint type. Local name Bordenave. Cultivated. Seed.
493071. ARZM 18 033. Argentina. Cachirulo Toay, La Pampa. Local name Colorado La Holandesa. Cultivated. Seed.
493072. ARZM 18 034. Argentina. Cachirulo Toay, La Pampa. Local name Colorado La Holandesa. Cultivated. Seed.
493073. ARZM 18 035. Argentina. Cachirulo Toay, La Pampa. Local name Colorado La Holandesa. Cultivated. Seed.
493074. ARZM 18 036. Argentina. Eduardo Castex, La Pampa. Local

492499 TO 493091-continued

- name Cuarentino. Cultivated. Seed.
493075. ARZM 18 037. Argentina. Eduardo Castex, La Pampa. Local name Maiz. Cultivated. Seed.
493076. ARZM 18 039. Argentina. Eduardo Castex, La Pampa. Local name Amarillo Ocho Hileras. Cultivated. Seed.
493077. ARZM 18 040. Argentina. Eduardo Castex, La Pampa. Cultivated. Seed.
493078. ARZM 18 041. Argentina. Metileo, La Pampa. Local name Maiz. Cultivated. Seed.
493079. ARZM 18 042. Argentina. Metileo, La Pampa. Local name Maiz Viejo. Cultivated. Seed.
493080. ARZM 18 044. Argentina. Caleufu, La Pampa. Local name Colorado La Holandesa. Cultivated. Seed.
493081. APZM 18 046. Argentina. Realico, La Pampa. Local name Colorado La Holandesa. Cultivated. Seed.
493082. ARZM 18 048. Argentina. Caleufu, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name La Holandesa. Cultivated. Seed.
493083. ARZM 18 049. Argentina. Eduardo Castex, La Pampa. Race Cristalino Colorado. Seeds flint type. Local name Colorado La Holandesa. Cultivated. Seed.
493084. ARZM 18 050. Argentina. Eduardo Castex, La Pampa. Race Blanco 8 Hileras. Seeds flint type. Local name Blanco. Cultivated. Seed.
493085. ARZM 18 051. Argentina. Trenel, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo De Simoni. Cultivated. Seed.
493086. ARZM 18 052. Argentina. Eduardo Castex, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493087. ARZM 18 053. Argentina. Caleufu, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Amarillo. Cultivated. Seed.
493088. ARZM 18 054. Argentina. Realico, La Pampa. Race Amarillo 8 Hileras. Seeds flint type. Local name Precoz De Simoni. Cultivated. Seed.
493089. ARZM 18 055. Argentina. Caleufu, La Pampa. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name

492499 TO 493091-continued

Maiz Semidentado. Cultivated. Seed.

493090. ARZM 18 056. Argentina. Caleufu, La Pampa. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Dentado Forrajero. Cultivated. Seed.

493091. ARZM 18 057. Argentina. General Pico, La Pampa. Race Dentado y Semidentado Amarillo. Seeds semi-dent type. Local name Maiz Comun. Cultivated. Seed.

493092 TO 493095. *Zea mays* L. (Poaceae) Corn.

From Argentina. Donated by Estacion Experimental Regional Agropecuaria Pergamino, INTA; 2700-Pergamino, Buenos Aires. Received through IBPGR, Rome, Italy. Received April 1984.

493092. Dentado Blanco. Argentina. Racial composite (Segunda recombination). Seeds white. Cultivated. Seed.

493093. Blanco Liso Cristalino. Argentina. Racial composite (Tercera recombination). Seeds white. Cultivated. Seed.

493094. Cristalino Flint Anaranjado. Argentina. Racial composite (Tercera recombination). Cultivated. Seed.

493095. Semi Dentado Amarillo Anaranjado. Argentina. Racial composite (Tercera recombination). Seeds yellow. Cultivated. Seed.

493096 TO 493099. *Allium longicuspis* Regel (Amaryllidaceae).

From Poland. Donated by Research Institute of Vegetable Crops, Plant Breeding Institute; 96-100 Skierniewice. Code numbers refer to M. Rengwalska's collection numbers. Received October 1984.

493096. 1. Soviet Union. Tirasopol. Moldavian Institute for Vegetable Research. Moldavia. Floral stalk present. Dormancy short. Wild. Plants.

493097. 11. Soviet Union. Tirasopol. Moldavian Institute for Vegetable Research. Moldavia. Floral stalk present. Dormancy short. Wild. Plants.

493098. 18. Soviet Union. Tirasopol. Moldavian Institute for Vegetable Research. Moldavia. Floral stalk present. Dormancy short. Wild. Plants.

493099. 47. Soviet Union. Tirasopol. Moldavian Institute for Vegetable Research. Moldavia. Floral stalk present.

493096 TO 493099-continued

Dormancy short. Wild. Plants.

493100 TO 493118. *Allium sativum* L. (Amaryllidaceae) Garlic.

From Poland. Donated by Research Institute of Vegetable Crops, Plant Breeding Institute; 96-100 Skierniewice. Code numbers refer to M. Rengwalska's collection numbers. Received October 1984.

- 493100. 6. Poland. Floral stalk present. Yield high. Cultivated. Plants.
- 493101. 40. Poland. Floral stalk present. Yield high. Cultivated. Plants.
- 493102. 42. Poland. Floral stalk absent. Yield high. Cultivated. Plants.
- 493103. 54. Soviet Union. Market, Lvov, Ukraine. Floral stalk present. Cultivated. Plants.
- 493104. 55. Soviet Union. Market, Tirasopol. Floral stalk absent. Cultivated. Plants.
- 493105. 56. Turkey. Market, Istanbul. Floral stalk absent. Cultivated. Plants.
- 493106. 61. Austria. Market, Vienna. Floral stalk absent. Dormancy long. Cultivated. Plants.
- 493107. 91. Poland. Boguchwaia, southeast area. Floral stalk absent. Cultivated. Plants.
- 493108. 120. Poland. Boguchwaia, southeast area. Floral stalk present. Cultivated. Plants.
- 493109. 125. Czechoslovakia. Olomouc. Institute of Experimental Botany. Cultivated. Plants.
- 493110. 126. Czechoslovakia. Olomouc. Institute of Experimental Botany. Floral stalk present. Cultivated. Plants.
- 493111. 132. Poland. Floral stalk present. Dormancy short. Cultivated. Plants.
- 493112. 135. Poland. Floral stalk absent. Dormancy long. Cultivated. Plants.
- 493113. 167. Czechoslovakia. Olomouc. Institute of Experimental Botany. Floral stalk present. Cultivated. Plants.
- 493114. 171. Cinsky. Czechoslovakia. Olomouc. Institute of

493100 TO 493118-continued

- Experimental Botany. Floral stalk absent. Cultivar.
Plants.
493115. 172. Prim. Czechoslovakia. Olomouc. Institute of
Experimental Botany. Floral stalk absent. Yield high.
Dormancy long. Cultivar. Plants.
493116. 174. Czechoslovakia. Olomouc. Institute of Experimental
Botany. Floral stalk present. Maturity late. Cultivar.
Plants.
493117. 180. Tybet 1814. Czechoslovakia. Olomouc. Institute of
Experimental Botany. Floral stalk absent. Dormancy long.
Cultivar. Plants.
493118. 188. Poland. Skierniewice. Floral stalk absent.
Cultivated. Plants.

493119 TO 493127. *Allium sativum* L. (Amaryllidaceae) Garlic.

From Brazil. Donated by EMPRAPA-CENARGEN; Brasilia.
Received October 1984.

493119. Amarante Extra. Brazil. Floral stalk present. Cultivar.
Plants.
493120. Branco Mineiro. Brazil. Floral stalk present. Cultivar.
Plants.
493121. Cateto Roxo. Brazil. Floral stalk absent. Cultivar.
Plants.
493122. Centenario. Brazil. Floral stalk absent. Cultivar.
Plants.
493123. Chines. Brazil. Floral stalk present. Cultivar. Plants.
493124. Chonan. Brazil. Floral stalk present. Cultivar. Plants.
493125. Gigante Lavinia. Brazil. Floral stalk absent. Cultivar.
Plants.
493126. Gigante Roxo. Brazil. Floral stalk present. Cultivar.
Plants.
493127. Roxo de Dourados. Brazil. Floral stalk present. Cultivar.
Plants.

493128. *Oryza nivara* Sharma & Shastry (Poaceae).

From Philippines. Donated by International Rice Research

493128-continued

Institute; Manila.

Received December 1984.

IRRI 101508. Cultivated. Seed.

493129 TO 493148. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. Donated by International Rice Research
Institute; Manila.

Received December 1984.

- 493129. IRRI 12122. ARC 5758. India. Cultivated. Seed.
- 493130. IRRI 12561. ARC 10666. India. Cultivated. Seed.
- 493131. IRRI 11706. Bakiella 1. Sri Lanka. Cultivated. Seed.
- 493132. IRRI 15935. Balisus. Senegal. Cultivated. Seed.
- 493133. IRRI 39159. BG 375-1. Cultivated. Seed.
- 493134. IRRI 13126. Bungan B. Malaysia. Cultivated. Seed.
- 493135. IRRI 13525. Gebang Omjok. Cultivated. Seed.
- 493136. IRRI 39267. IET 2080. Cultivated. Seed.
- 493137. HB 144. IR 10154-23-3-3. Cultivated. Seed.
- 493138. HB 145. IR 10176-24-6-2. Cultivated. Seed.
- 493139. HB 146. IR 10179-23-1-3. Cultivated. Seed.
- 493140. OYT 7057. IR 19657-87-3-3. Cultivated. Seed.
- 493141. IRRI 32682. IR 2031-724-2-3-2. Cultivated. Seed.
- 493142. IRRI 13516. Ketumbar. Indonesia. Cultivated. Seed.
- 493143. IRTP. Mala/J15. Cultivated. Seed.
- 493144. IRRI 40054. R 34-2648. Cultivated. Seed.
- 493145. IRRI 40056. R 110-2577. Cultivated. Seed.
- 493146. IRRI 13987. Radin Goi 78. Malaysia. Western area.
Cultivated. Seed.
- 493147. IRRI 15838. Tamala Diang. Senegal. Cultivated. Seed.
- 493148. IRRI 8909. Thatuwel. Sri Lanka. Cultivated. Seed.

493149 TO 493287. *Trifolium subterraneum* L. (Fabaceae) Subterranean clover.

From Spain. Donated by Gomez Pitera, C. and Ramos Monreal, A.; Instituto Nacional de Investigaciones Agrarias; Badajoz. Received through W.E. Knight, USDA-ARS, Mississippi State, MS. Code numbers refer to Badajoz designations with evaluation data from Mississippi. Received October 1984.

493149. L.O.-3. Spain. Collected 1967. Badajoz. Collected by V.M. Marquer. Plants with long stems, not very leafy. First bloom 143 days with fair vigor, full bloom 149 days with fair vigor. Spread at maturity 70cm. Number of stems at maturity 14. Dry weight per plant in July 24.6g. Wild. Seed.
493150. L.O.-14. Spain. Collected 1967. Barcarrota. Collected by V.M. Marquer. First bloom 147 days with good vigor, full bloom 157 days with good vigor. Spread at maturity 59cm. Number of stems at maturity 13. Dry weight per plant in July 13.3g. Wild. Seed.
493151. L.O.-15. Spain. First bloom 150 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 62cm. Number of stems at maturity 12. Dry weight per plant in July 13.7g. Wild. Seed.
493152. L.O.-27. Spain. Collected 1967. Barcarrota. Collected by V.M. Marquer. Plants with yellow circle leaves. First bloom 140 days with good vigor, full bloom 146 days with very good vigor. Spread at maturity 64cm. Number of stems at maturity 13. Dry weight per plant in July 8.7g. Wild. Seed.
493153. L.O.-29. Spain. Collected 1967. Taliga. Collected by V.M. Marquer. First bloom 143 days with very good vigor, full bloom 155 days with very good vigor. Spread at maturity 59cm. Number of stems at maturity 12. Dry weight per plant in July 12.3g. Wild. Seed.
493154. L.O.-30. Spain. Collected 1967. Taliga. Collected by V.M. Marquer. First bloom 147 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 65cm. Number of stems at maturity 11. Dry weight per plant in July 11.3g. Wild. Seed.
493155. L.O.-32. Spain. Collected 1967. Taliga. Collected by V.M. Marquer. Plants with variation. First bloom 143 days with very good vigor, full bloom 149 days with very good vigor. Spread at maturity 64cm. Number of stems at maturity 12. Dry weight per plant in July 13.3g. Wild. Seed.
493156. L.O.-34. Spain. Collected 1967. La Rosa de la Sierra.

493149 TO 493287-continued

- Collected by V.M. Marquer. Plants with yellow circle leaves. First bloom 155 days with good vigor, full bloom 161 days with good vigor. Spread at maturity 40cm. Number of stems at maturity 14. Dry weight per plant in July 5.5g. Wild. Seed.
493157. L.O.-35. Spain. Collected 1967. La Rosa de la Sierra. Collected by V.M. Marquer. First bloom 150 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 62cm. Number of stems at maturity 12. Dry weight per plant in July 9.4g. Wild. Seed.
493158. L.O.-36. Spain. Collected 1967. La Rosa de la Sierra. Collected by V.M. Marquer. Plants with yellow circle leaves. First bloom 147 days with good vigor, full bloom 157 days with good vigor. Spread at maturity 52cm. Number of stems at maturity 14. Dry weight per plant in July 12.3g. Cultivated. Seed.
493159. L.O.-37. Spain. Collected 1967. La Rosa de la Sierra. Collected by V.M. Marquer. First bloom 150 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 67cm. Number of stems at maturity 12. Dry weight per plant in July 9.0g. Wild. Seed.
493160. L.O.-38. Spain. Collected 1967. La Rosa de la Sierra. Collected by V.M. Marquer. Plants with yellow circle leaves. First bloom 150 days with good vigor, full bloom 159 days with good vigor. Spread at maturity 58cm. Number of stems at maturity 12. Dry weight per plant in July 9.3g. Wild. Seed.
493161. L.O.-44. Spain. Collected 1967. Nava de Santiapo. Collected by V.M. Marquer. First bloom 150 days with good vigor, full bloom 157 days with good vigor. Spread at maturity 55cm. Number of stems at maturity 12. Dry weight per plant in July 27.0g. Wild. Seed.
493162. L.O.-45. Spain. Collected 1967. Nava de Santiapo. Collected by V.M. Marquer. Plants with yellow circle leaves. First bloom 151 days with good vigor, full bloom 157 days with good vigor. Spread at maturity 55cm. Number of stems at maturity 12. Dry weight per plant in July 9.5g. Wild. Seed.
493163. L.O.-48. Spain. Collected 1968. Barcarrota. Collected by A. Solis. Plants with long stems, not leafy. First bloom 106 days with very poor vigor, full bloom 112 days with poor vigor. Spread at maturity 45cm. Number of stems at maturity 9. Dry weight per plant in July 8.0g. Wild. Seed.
493164. L.O.-58. Spain. Collected 1968. Barcarrota. Collected by A. Solis. Plants with small leaves, not leafy. First

493149 TO 493287-continued

- bloom 106 days with very poor vigor, full bloom 112 days with very poor vigor. Spread at maturity 38cm. Number of stems at maturity 11. Dry weight per plant in July 4.4g. Wild. Seed.
493165. L.O.-60. Spain. Collected 1968. Barcarrota. Collected by A. Solis. Plants with long stems, not leafy. First bloom 106 days with very poor vigor, full bloom 112 days with very poor vigor. Spread at maturity 45cm. Number of stems at maturity 11. Dry weight per plant in July 13.6g. Wild. Seed.
493166. L.O.-70. Spain. Collected 1968. Barcarrota. Collected by A. Solis. Plants with yellow leaves. First bloom 146 days with good vigor, full bloom 157 days with very good vigor. Spread at maturity 80cm. Number of stems at maturity 11. Dry weight per plant in July 8.7g. Wild. Seed.
493167. L.O.-71. Spain. Collected 1968. Barcarrota. Collected by A. Solis. First bloom 143 days with very good vigor, full bloom 153 days with very good vigor. Spread at maturity 76cm. Number of stems at maturity 12. Dry weight per plant in July 25.0g. Wild. Seed.
493168. L.O.-77. Spain. Collected 1968. Oliventa. Collected by A. Solis. Plants with serrated leaves, not leafy. First bloom 125 days with fair vigor, full bloom 125 days with poor vigor. Spread at maturity 37cm. Number of stems at maturity 9. Dry weight per plant in July 9.6g. Wild. Seed.
493169. L.O.-94. Spain. Collected 1968. Alconchel. Collected by A. Solis. Plants short, very leafy. First bloom 127 days with fair vigor, full bloom 132 days with good vigor. Spread at maturity 28cm. Number of stems at maturity 13. Dry weight per plant in July 25.4g. Wild. Seed.
493170. L.O.-105. Spain. Collected 1968. Oliventa. Collected by A. Solis. Plants with yellow leaves. First bloom 157 days with fair vigor, full bloom 167 days with fair vigor. Spread at maturity 57cm. Number of stems at maturity 10. Dry weight per plant in July 6.1g. Wild. Seed.
493171. L.O.-107. Spain. Collected 1968. Oliventa. Collected by A. Solis. First bloom 149 days with good vigor, full bloom 156 days with very good vigor. Spread at maturity 89cm. Number of stems at maturity 9. Dry weight per plant in July 27.1g. Wild. Seed.
493172. L.O.-108. Spain. Collected 1968. Oliventa. Collected by A. Solis. Plants with yellow leaves. First bloom 146 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 74cm. Number of stems at maturity 10. Dry weight per plant in July 12.1g. Wild.

493149 TO 493287-continued
Seed.

493173. L.O.-109B. Spain. Collected 1968. Oliventa. Collected by A. Solis. Plants with few blooms. First bloom 149 days with good vigor, full bloom 155 days with very good vigor. Spread at maturity 81cm. Number of stems at maturity 10. Dry weight per plant in July 55.0g. Wild. Seed.
493174. L.O.-114. Spain. Collected 1968. Alconchel. Collected by A. Solis. Plants ground hugging, short leafy. First bloom 141 days with good vigor, full bloom 147 days with very good vigor. Spread at maturity 45cm. Number of stems at maturity 16. Dry weight per plant in July 17.1g. Wild. Seed.
493175. L.O.-145. Spain. Collected 1968. Nava de Santiapo. Collected by A. Solis. First bloom 143 days with very good vigor, full bloom 149 days with very good vigor. Spread at maturity 54cm. Number of stems at maturity 12. Dry weight per plant in July 55.7g. Wild. Seed.
493176. L.O.-149B. Spain. Collected 1968. La Rosa de la Sierra. Collected by A. Solis. First bloom 147 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 66cm. Number of stems at maturity 11. Dry weight per plant in July 10.0g. Wild. Seed.
493177. L.O.-171. Spain. Collected 1968. Villar del Rey. Collected by A. Solis. First bloom 133 days with good vigor, full bloom 141 days with good vigor. Spread at maturity 50cm. Number of stems at maturity 13. Dry weight per plant in July 21.5g. Wild. Seed.
493178. L.O.-174. Spain. Collected 1968. Villar del Rey. Collected by A. Solis. Plants short, leafy. First bloom 140 days with good vigor, full bloom 146 days with good vigor. Spread at maturity 36cm. Number of stems at maturity 11. Dry weight per plant in July 17.7g. Wild. Seed.
493179. L.O.-181. Spain. Collected 1968. Villar del Rey. Collected by A. Solis. First bloom 153 days with very good vigor, full bloom 163 days with very good vigor. Spread at maturity 80cm. Number of stems at maturity 10. Dry weight per plant in July 26.0g. Wild. Seed.
493180. L.O.-182. Spain. Collected 1968. Villar del Rey. Collected by A. Solis. First bloom 147 days with very good vigor, full bloom 157 days with good vigor. Spread at maturity 64cm. Number of stems at maturity 15. Dry weight per plant in July 32.8g. Wild. Seed.
493181. L.O.-186. Spain. Collected 1968. Villar del Rey.

493149 TO 493287-continued

- Collected by A. Solis. First bloom 149 days with very good vigor, full bloom 155 days with very good vigor. Spread at maturity 76cm. Number of stems at maturity 10. Dry weight per plant in July 19.0g. Wild. Seed.
493182. L.O.-260. Spain. Collected 1968. Trujillo. Collected by A. Solis. First bloom 141 days with good vigor, full bloom 147 days with good vigor. Spread at maturity 37cm. Number of stems at maturity 13. Dry weight per plant in July 27.6g. Wild. Seed.
493183. L.O.-334. Portugal. First bloom 142 days with very good vigor, full bloom 147 days with very good vigor. Spread at maturity 72cm. Number of stems at maturity 11. Dry weight per plant in July 33.3g. Seed.
493184. L.O.-336. Portugal. First bloom 146 days with good vigor, full bloom 155 days with good vigor. Spread at maturity 61cm. Number of stems at maturity 10. Dry weight per plant in July 15.3g. Seed.
493185. L.O.-337. Portugal. First bloom 134 days with very good vigor, full bloom 141 days with very good vigor. Spread at maturity 86cm. Number of stems at maturity 10. Dry weight per plant in July 27.3g. Seed.
493186. L.O.-343. Spain. Collected 1969. Merida. Collected by E. Muslera. First bloom 107 days with fair vigor, full bloom 124 days with fair vigor. Spread at maturity 44cm. Number of stems at maturity 10. Dry weight per plant in July 16.1g. Wild. Seed.
493187. L.O.-370. Spain. Collected 1969. Villaneva de la Serena. Collected by E. Muslera. First bloom 125 days with poor vigor, full bloom 132 days with fair vigor. Spread at maturity 32cm. Number of stems at maturity 11. Dry weight per plant in July 17.4g. Wild. Seed.
493188. L.O.-415. Spain. Collected 1969. Campanario. Collected by E. Muslera. Plants with yellow leaves. First bloom 147 days with very good vigor, full bloom 154 days with good vigor. Spread at maturity 72cm. Number of stems at maturity 10. Dry weight per plant in July 11.0g. Wild. Seed.
493189. L.O.-423. Spain. Collected 1969. Campanario. Collected by E. Muslera. First bloom 124 days with poor vigor, full bloom 128 days with fair vigor. Spread at maturity 30cm. Number of stems at maturity 14. Dry weight per plant in July 18.5g. Wild. Seed.
493190. L.O.-425. Spain. Collected 1969. Campanario. Collected by E. Muslera. First bloom 123 days with fair vigor, full

493149 TO 493287-continued

- bloom 127 days with fair vigor. Spread at maturity 45cm. Number of stems at maturity 10. Dry weight per plant in July 9.7g. Wild. Seed.
493191. L.O.-427. Spain. Collected 1969. Campanario. Collected by E. Muslera. First bloom 124 days with poor vigor, full bloom 132 days with fair vigor. Spread at maturity 40cm. Number of stems at maturity 11. Dry weight per plant in July 28.4g. Wild. Seed.
493192. L.O.-434. Spain. Collected 1969. Campanario. Collected by E. Muslera. First bloom 114 days with very poor vigor, full bloom 126 days with poor vigor. Spread at maturity 30cm. Number of stems at maturity 10. Dry weight per plant in July 12.8g. Wild. Seed.
493193. L.O.-460. Spain. Collected 1969. Campanario. Collected by E. Muslera. Plants leafy, small leaves. First bloom 132 days with very good vigor, full bloom 136 days with very good vigor. Spread at maturity 49 cm. Number of stems at maturity 10. Dry weight per plant in July 24.3g. Wild. Seed.
493194. L.O.-463. Spain. Collected 1969. Olivenze. Collected by E. Muslera. First bloom 142 days with good vigor, full bloom 150 days with very good vigor. Spread at maturity 69cm. Number of stems at maturity 11. Dry weight per plant in July 8.7g. Wild. Seed.
493195. L.O.-467. Spain. Collected 1969. Olivenze. Collected by E. Muslera. First bloom 149 days with very good vigor, full bloom 156 days with very good vigor. Spread at maturity 86cm. Number of stems at maturity 9. Dry weight per plant in July 10.2g. Wild. Seed.
493196. L.O.-505. Spain. Collected 1969. Alconchel. Collected by E. Muslera. First bloom 127 days with fair vigor, full bloom 134 days with poor vigor. Spread at maturity 29cm. Number of stems at maturity 12. Dry weight per plant in July 13.5g. Wild. Seed.
493197. L.O.-520. Spain. Collected 1969. Villaneva del Fresno. Collected by E. Muslera. First bloom 155 days with very good vigor, full bloom 163 days with very good vigor. Spread at maturity 62cm. Number of stems at maturity 16. Dry weight per plant in July 39.3g. Wild. Seed.
493198. L.O.-542. Spain. Collected 1969. Villaneva del Fresno. Collected by E. Muslera. Plants with yellow leaves. First bloom 155 days with good vigor, full bloom 161 days with good vigor. Spread at maturity 50cm. Number of stems at maturity 10. Dry weight per plant in July 24.1g. Wild. Seed.

493149 TO 493287-continued

493199. L.O.-568. Spain. Collected 1969. Santa Marta. Collected by E. Muslera. First bloom 153 days with very good vigor, full bloom 163 days with very good vigor. Spread at maturity 61cm. Number of stems at maturity 14. Dry weight per plant in July 9.0g. Wild. Seed.
493200. L.O.-575. Spain. Collected 1969. Santa Marta. Collected by E. Muslera. First bloom 125 days with fair vigor, full bloom 132 days with fair vigor. Spread at maturity 34cm. Number of stems at maturity 14. Dry weight per plant in July 20.8g. Wild. Seed.
493201. L.O.-578. Spain. Collected 1969. Santa Marta. Collected by E. Muslera. First bloom 113 days with fair vigor, full bloom 125 days with fair vigor. Spread at maturity 35cm. Number of stems at maturity 10. Dry weight per plant in July 14.9g. Wild. Seed.
493202. L.O.-582. Spain. Collected 1969. Santa Marta. Collected by E. Muslera. First bloom 113 days with poor vigor, full bloom 128 days with fair vigor. Spread at maturity 32cm. Number of stems at maturity 10. Dry weight per plant in July 18.7g. Wild. Seed.
493203. L.O.-584. Spain. Collected 1969. Santa Marta. Collected by E. Muslera. First bloom 113 days with fair vigor, full bloom 124 days with fair vigor. Spread at maturity 35cm. Number of stems at maturity 12. Dry weight per plant in July 25.3g. Wild. Seed.
493204. L.O.-589. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 143 days with very good vigor, full bloom 153 days with very good vigor. Spread at maturity 86cm. Number of stems at maturity 16. Dry weight per plant in July 35.7g. Wild. Seed.
493205. L.O.-592. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 150 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 69cm. Number of stems at maturity 10. Dry weight per plant in July 25.5g. Wild. Seed.
493206. L.O.-593. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 146 days with very good vigor, full bloom 153 days with good vigor. Spread at maturity 90cm. Number of stems at maturity 9. Dry weight per plant in July 18.4g. Wild. Seed.
493207. L.O.-596. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 154 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 53cm. Number of stems at maturity 13. Dry weight

493149 TO 493287-continued

per plant in July 14.7g. Wild. Seed.

493208. L.O.-602. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 146 days with very good vigor, full bloom 151 days with very good vigor. Spread at maturity 86cm. Number of stems at maturity 11. Dry weight per plant in July 41.3g. Wild. Seed.
493209. L.O.-603. Spain. Collected 1969. Berlanga. Collected by E. Muslera. Plants with yellow leaves. First bloom 150 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 78cm. Number of stems at maturity 13. Dry weight per plant in July 24.8g. Wild. Seed.
493210. L.O.-607. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 149 days with very good vigor, full bloom 156 days with very good vigor. Spread at maturity 86cm. Number of stems at maturity 10. Dry weight per plant in July 16.0g. Wild. Seed.
493211. L.O.-609. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 159 days with very good vigor, full bloom 167 days with very good vigor. Spread at maturity 45cm. Number of stems at maturity 10. Dry weight per plant in July 20.7g. Wild. Seed.
493212. L.O.-615. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 140 days with very good vigor, full bloom 146 days with very good vigor. Spread at maturity 58cm. Number of stems at maturity 16. Dry weight per plant in July 41.5g. Wild. Seed.
493213. L.O.-619. Spain. Collected 1969. Berlanga. Collected by E. Muslera. Plants short but leafy. First bloom 136 days with very good vigor, full bloom 143 days with good vigor. Spread at maturity 47cm. Number of stems at maturity 14. Dry weight per plant in July 41.9g. Wild. Seed.
493214. L.O.-622. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 132 days with good vigor, full bloom 140 days with good vigor. Spread at maturity 39cm. Number of stems at maturity 14. Dry weight per plant in July 12.7g. Wild. Seed.
493215. L.O.-624. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 134 days with good vigor, full bloom 141 days with fair vigor. Spread at maturity 32cm. Number of stems at maturity 12. Dry weight per plant in July 26.3g. Wild. Seed.
493216. L.O.-630. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 153 days with very good vigor,

493149 TO 493287-continued

- full bloom 161 days with very good vigor. Spread at maturity 114cm. Number of stems at maturity 12. Dry weight per plant in July 17.5g. Wild. Seed.
493217. L.O.-632. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 149 days with very good vigor, full bloom 160 days with very good vigor. Spread at maturity 72cm. Number of stems at maturity 12. Dry weight per plant in July 33.0g. Wild. Seed.
493218. L.O.-634. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 150 days with good vigor, full bloom 156 days with good vigor. Spread at maturity 40cm. Number of stems at maturity 15. Dry weight per plant in July 9.3g. Wild. Seed.
493219. L.O.-638. Spain. Collected 1969. Berlanga. Collected by E. Muslera. Plants short, compact, sheep type. First bloom 151 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 60cm. Number of stems at maturity 14. Dry weight per plant in July 25.0g. Wild. Seed.
493220. L.O.-650. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 154 days with very good vigor, full bloom 163 days with good vigor. Spread at maturity 40cm. Number of stems at maturity 13. Dry weight per plant in July 8.7g. Wild. Seed.
493221. L.O.-651. Spain. Collected 1969. Berlanga. Collected by E. Muslera. First bloom 149 days with very good vigor, full bloom 156 days with very good vigor. Spread at maturity 89cm. Number of stems at maturity 10. Dry weight per plant in July 23.8g. Wild. Seed.
493222. L.O.-655. Spain. Collected 1969. Villanueva de la Serena. Collected by E. Muslera. First bloom 140 days with very good vigor, full bloom 146 days with very good vigor. Spread at maturity 98cm. Number of stems at maturity 12. Dry weight per plant in July 25.2g. Wild. Seed.
493223. L.O.-658. Spain. Collected 1969. Villanueva de la Serena. Collected by E. Muslera. First bloom 146 days with very good vigor, full bloom 155 days with very good vigor. Spread at maturity 77cm. Number of stems at maturity 11. Dry weight per plant in July 27.1g. Wild. Seed.
493224. L.O.-684. Spain. Collected 1969. El Guitan. Collected by E. Muslera. First bloom 146 days with very good vigor, full bloom 151 days with very good vigor. Spread at maturity 61cm. Number of stems at maturity 15. Dry weight per plant in July 26.2g. Wild. Seed.

493149 TO 493287-continued

493225. L.O.-685. Spain. Collected 1969. El Guitan. Collected by E. Muslera. First bloom 143 days with very good vigor, full bloom 150 days with very good vigor. Spread at maturity 88cm. Number of stems at maturity 9. Dry weight per plant in July 28.1g. Wild. Seed.
493226. L.O.-712. Spain. Collected 1970. Reinososa. Collected by C. Dau. First bloom 171 days with good vigor, full bloom 184 days with good vigor. Spread at maturity 30cm. Number of stems at maturity 14. Dry weight per plant in July 18.9g. Wild. Seed.
493227. L.O.-713. Spain. Collected 1971. Badajoz. Collected by C. Gouier. First bloom 143 days with very good vigor, full bloom 150 days with very good vigor. Spread at maturity 75cm. Number of stems at maturity 11. Dry weight per plant in July 14.0g. Wild. Seed.
493228. L.O.-743. Spain. Collected 1971. Velencia de al Cantare. Collected by C. Gouier. Young leaves with serrated edges. First bloom 171 days with very good vigor, full bloom 183 days with good vigor. Spread at maturity 30cm. Number of stems at maturity 16. Dry weight per plant in July 11.8g. Wild. Seed.
493229. L.O.-745. Spain. Collected 1971. Velencia de al Cantare. Collected by C. Gouier. First bloom 134 days with very good vigor, full bloom 156 days with very good vigor. Spread at maturity 70cm. Number of stems at maturity 12. Dry weight per plant in July 18.8g. Wild. Seed.
493230. L.O.-760. Spain. Collected 1971. Barcarroto. Collected by C. Gouier. Plants with yellow leaves. First bloom 154 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 62cm. Number of stems at maturity 14. Dry weight per plant in July 10.5g. Wild. Seed.
493231. L.O.-977. Portugal. First bloom 154 days with very good vigor, full bloom 163 days with very good vigor. Spread at maturity 78cm. Number of stems at maturity 13. Dry weight per plant in July 20.6g. Seed.
493232. L.O.-979. Greece. Plants with compact lush growth. First bloom 156 days with very good vigor, full bloom 169 days with very good vigor. Spread at maturity 34cm. Number of stems at maturity 15. Dry weight per plant in July 19.9g. Seed.
493233. L.O.-987. Greece. First bloom 178 days with good vigor, full bloom 183 days with good vigor. Spread at maturity 51cm. Number of stems at maturity 16. Dry weight per

493149 TO 493287-continued

plant in July 48.5g. Seed.

493234. L.O.-991. Greece. Plants with yellow circle leaves. First bloom 155 days with good vigor, full bloom 169 days with very good vigor. Spread at maturity 55cm. Number of stems at maturity 14. Dry weight per plant in July 24.0g. Seed.
493235. L.O.-993. Greece. First bloom 167 days with very good vigor, full bloom 179 days with very good vigor. Spread at maturity 85cm. Number of stems at maturity 11. Dry weight per plant in July 49.0g. Seed.
493236. L.O.-1006A. Portugal. Plants with lush growth. First bloom 155 days with good vigor, full bloom 169 days with very good vigor. Spread at maturity 55cm. Number of stems at maturity 17. Dry weight per plant in July 27.5g. Seed.
493237. L.O.-1017B. Italy. First bloom 154 days with good vigor, full bloom 169 days with good vigor. Spread at maturity 75cm. Number of stems at maturity 10. Dry weight per plant in July 6.6g. Seed.
493238. L.O.-1020. Greece. First bloom 154 days with good vigor, full bloom 161 days with fair vigor. Spread at maturity 31cm. Number of stems at maturity 16. Dry weight per plant in July 15.3g. Seed.
493239. L.O.-1022. Greece. First bloom 177 days with very good vigor, full bloom 185 days with good vigor. Spread at maturity 63cm. Number of stems at maturity 13. Dry weight per plant in July 6.8g. Seed.
493240. L.O.-1023. Greece. First bloom 155 days with good vigor, full bloom 163 days with fair vigor. Spread at maturity 30cm. Number of stems at maturity 15. Dry weight per plant in July 44.0g. Seed.
493241. L.O.-1024. Greece. First bloom 150 days with good vigor, full bloom 161 days with good vigor. Spread at maturity 47cm. Number of stems at maturity 14. Dry weight per plant in July 51.5g. Seed.
493242. L.O.-1028. Greece. First bloom 163 days with fair vigor, full bloom 178 days with fair vigor. Spread at maturity 38cm. Number of stems at maturity 14. Dry weight per plant in July 37.4g. Seed.
493243. L.O.-1030. Greece. Plants with yellow circle leaves. First bloom 165 days with good vigor, full bloom 172 days with good vigor. Spread at maturity 59cm. Number of stems at maturity 11. Dry weight per plant in July 27.0g. Seed.

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493244. L.O.-1047. Portugal. First bloom 157 days with very good vigor, full bloom 163 days with very good vigor. Spread at maturity 67cm. Number of stems at maturity 14. Dry weight per plant in July 28.4g. Seed.
493245. L.O.-1053. Portugal. First bloom 154 days with very good vigor, full bloom 163 days with very good vigor. Spread at maturity 84cm. Number of stems at maturity 12. Dry weight per plant in July 35.8g. Seed.
493246. L.O.-1054. Portugal. Plants short but leafy. First bloom 156 days with good vigor, full bloom 169 days with good vigor. Spread at maturity 32cm. Number of stems at maturity 20. Dry weight per plant in July 22.9g. Seed.
493247. L.O.-1072. Spain. First bloom 176 days with very good vigor, full bloom 185 days with very good vigor. Spread at maturity 65cm. Number of stems at maturity 14. Dry weight per plant in July 51.0g. Seed.
493248. L.O.-1083. Australia. First bloom 113 days with fair vigor, full bloom 125 days with fair vigor. Spread at maturity 35cm. Number of stems at maturity 13. Dry weight per plant in July 19.7g. Cultivated. Seed.
493249. L.O.-1180. Spain. Collected 1973. Collected by J. Gladstone. First bloom 157 days with good vigor, full bloom 169 days with good vigor. Spread at maturity 52cm. Number of stems at maturity 16. Dry weight per plant in July 61.1g. Wild. Seed.
493250. L.O.-1182. Spain. Collected 1973. Collected by J. Gladstone. Plants slow growing. First bloom 196 days with good vigor, full bloom 205 days with good vigor. Spread at maturity 65cm. Number of stems at maturity 14. Dry weight per plant in July 1.2g. Seed.
493251. L.O.-1183. Australia. Collected 1973. Collected by J. Gladstone. First bloom 188 days with fair vigor, full bloom 195 days with fair vigor. Spread at maturity 45cm. Number of stems at maturity 12. Dry weight per plant in July 20.0g. Wild. Seed.
493252. L.O.-1184. Spain. Collected 1973. Barco de Avila. Collected by J. Gladstone. First bloom 227 days. Seed.
493253. L.O.-1195. Spain. Collected 1973. Barco de Avila. Collected by J. Gladstone. First bloom 156 days with good vigor, full bloom 169 days with good vigor. Spread at maturity 43cm. Number of stems at maturity 19. Dry weight per plant in July 52.3g. Seed.

493254. L.O.-1186. Spain. Collected 1973. Barco de Avila. Collected by J. Gladstone. First bloom 167 days with good vigor, full bloom 192 days with good vigor. Spread at maturity 50cm. Number of stems at maturity 16. Dry weight per plant in July 1.7g. Seed.
493255. L.O.-1189. Spain. Collected 1975. Ciudad Rodrigo. Collected by J. Gladstone. First bloom 157 days with good vigor, full bloom 169 days with good vigor. Spread at maturity 51cm. Number of stems at maturity 14. Dry weight per plant in July 15.0g. Seed.
493256. L.O.-1191. Spain. Collected 1975. Ciudad Rodrigo. Collected by J. Gladstone. First bloom 174 days with fair vigor, full bloom 184 days with fair vigor. Spread at maturity 29cm. Number of stems at maturity 15. Dry weight per plant in July 3.0g. Seed.
493257. L.O.-1198. Spain. Collected 1975. Guadalupe. Collected by J. Gladstone. First bloom 149 days with good vigor, full bloom 156 days with fair vigor. Spread at maturity 61cm. Number of stems at maturity 13. Dry weight per plant in July 29.1g. Seed.
493258. L.O.-1200. Spain. Collected 1975. Cala. Collected by J. Gladstone. First bloom 152 days with good vigor, full bloom 160 days with fair vigor. Spread at maturity 50cm. Number of stems at maturity 17. Dry weight per plant in July 9.5g. Seed.
493259. L.O.-1202. Spain. Collected 1975. Puerto Llano. Collected by J. Gladstone. First bloom 156 days with very good vigor, full bloom 183 days with very good vigor. Spread at maturity 67cm. Number of stems at maturity 16. Dry weight per plant in July 28.7g. Seed.
493260. L.O.-1205. Spain. Collected 1975. Verin. Collected by J. Gladstone. Plants short, very leafy. First bloom 156 days with good vigor, full bloom 161 days with good vigor. Spread at maturity 30cm. Number of stems at maturity 22. Dry weight per plant in July 11.1g. Seed.
493261. L.O.-1206. Spain. Collected 1975. Verin. Collected by J. Gladstone. First bloom 150 days with good vigor, full bloom 161 days with good vigor. Spread at maturity 27cm. Number of stems at maturity 14. Dry weight per plant in July 38.7g. Seed.
493262. L.O.-1224. Spain. Collected 1975. Canary Island. Collected by A.S. Gabriel. First bloom 136 days with fair vigor, full bloom 140 days with good vigor. Spread at maturity 60cm. Number of stems at maturity 14. Dry weight

493149 TO 493287-continued

per plant in July 30.0g. Seed.

493263. L.O.-1229. France. Collected 1976. Corse Island. Collected by De Vervevil. First bloom 155 days with good vigor, full bloom 163 days with good vigor. Spread at maturity 63cm. Number of stems at maturity 15. Dry weight per plant in July 25.2g. Seed.
493264. L.O.-1230. France. Collected 1976. Corse Island. Collected by De Vervevil. First bloom 149 days with good vigor, full bloom 157 days with good vigor. Spread at maturity 70cm. Number of stems at maturity 10. Dry weight per plant in July 22.0g. Seed.
493265. L.O.-1231. France. Collected 1976. Corse Island. Collected by De Vervevil. First bloom 157 days with very good vigor, full bloom 169 days with very good vigor. Spread at maturity 75cm. Number of stems at maturity 11. Dry weight per plant in July 19.5g. Seed.
493266. L.O.-1239B. Spain. Collected 1975. Monesterio. Collected by Quinlivan & Goier. First bloom 154 days with good vigor, full bloom 169 days with good vigor. Spread at maturity 70cm. Number of stems at maturity 13. Dry weight per plant in July 31.0g. Seed.
493267. L.O.-1249. Spain. Collected 1976. Guadalcanal. Collected by Franrecis & Goier. First bloom 149 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 82cm. Number of stems at maturity 10. Dry weight per plant in July 29.4g. Seed.
493268. L.O.-1349. Spain. Collected 1976. Plejencia. Collected by Franrecis & Goier. First bloom 180 days with good vigor, full bloom 192 days with good vigor. Spread at maturity 59cm. Number of stems at maturity 17. Dry weight per plant in July 9.8g. Seed.
493269. L.O.-1430A. Spain. Collected 1976. Jerez de la Fonlera. Collected by A.D. Gauaclera. Plants stemmy, not leafy. First bloom 146 days with good vigor, full bloom 155 days with very good vigor. Spread at maturity 70cm. Number of stems at maturity 13. Dry weight per plant in July 30.5g. Seed.
493270. L.O.-1430B. Spain. Collected 1976. Jerez de la Fonlera. Collected by A.D. Gauaclera. First bloom 151 days with good vigor, full bloom 157 days with very good vigor. Spread at maturity 53cm. Number of stems at maturity 12. Dry weight per plant in July 29.2g. Seed.
493271. L.O.-1467. Spain. First bloom 149 days with good vigor, full bloom 161 days with good vigor. Spread at maturity

493149 TO 493287-continued

- 51cm. Number of stems at maturity 12. Dry weight per plant in July 19.0g. Seed.
493272. L.O.-1473. Spain. First bloom 149 days with good vigor, full bloom 155 days with good vigor. Spread at maturity 51cm. Number of stems at maturity 15. Dry weight per plant in July 29.4g. Seed.
493273. L.O.-1476. Portugal. First bloom 155 days with good vigor, full bloom 159 days with good vigor. Spread at maturity 73cm. Number of stems at maturity 12. Dry weight per plant in July 10.3g. Seed.
493274. L.O.-1478. Portugal. First bloom 143 days with very good vigor, full bloom 154 days with good vigor. Spread at maturity 75cm. Number of stems at maturity 9. Dry weight per plant in July 27.7g. Seed.
493275. L.O.-1485. Portugal. First bloom 178 days with good vigor, full bloom 185 days with fair vigor. Spread at maturity 58cm. Number of stems at maturity 14. Dry weight per plant in July 10.3g. Seed.
493276. L.O.-1505. Spain. First bloom 154 days with very good vigor, full bloom 161 days with very good vigor. Spread at maturity 64cm. Number of stems at maturity 12. Dry weight per plant in July 15.2g. Seed.
493277. L.O.-1565. Spain. Mau talvo. First bloom 167 days with good vigor, full bloom 178 days with good vigor. Spread at maturity 39cm. Number of stems at maturity 16. Dry weight per plant in July 13.3g. Seed.
493278. L.O.-1566. Spain. Pereruela des. Plants slow growing. First bloom 167 days with fair vigor, full bloom 178 days with fair vigor. Spread at maturity 31cm. Number of stems at maturity 16. Dry weight per plant in July 41.9g. Seed.
493279. L.O.-1573. Spain. La Vedirua. First bloom 164 days with fair vigor, full bloom 178 days with fair vigor. Spread at maturity 22cm. Number of stems at maturity 14. Dry weight per plant in July 7.2g. Seed.
493280. L.O.-1574. Spain. Guijuelo. First bloom 155 days with fair vigor, full bloom 165 days with fair vigor. Spread at maturity 51cm. Number of stems at maturity 15. Dry weight per plant in July 8.6g. Seed.
493281. L.O.-1598. Spain. Collected 1977. Badajoz. Collected by J. Zulueta. First bloom 150 days with very good vigor, full bloom 163 days with good vigor. Spread at maturity 49cm. Number of stems at maturity 15. Dry weight per plant in July 60.0g. Seed.

493149 TO 493287-continued

493282. L.O.-1599. Spain. Collected 1977. Badajoz. Collected by J. Zulueta. First bloom 143 days with very good vigor, full bloom 150 days with very good vigor. Spread at maturity 86cm. Number of stems at maturity 10. Dry weight per plant in July 29.0g. Seed.
493283. L.O.-1600. Spain. Collected 1977. Badajoz. Collected by J. Zulueta. First bloom 153 days with good vigor, full bloom 163 days with very good vigor. Spread at maturity 68cm. Number of stems at maturity 12. Dry weight per plant in July 9.7g. Seed.
493284. L.O.-1601. Spain. Collected 1977. Badajoz. Collected by J. Zulueta. First bloom 149 days with very good vigor, full bloom 157 days with very good vigor. Spread at maturity 74cm. Number of stems at maturity 11. Dry weight per plant in July 14.7g. Seed.
493285. L.O.-1602. Spain. Collected 1977. Caceres. Collected by J. Zulueta. First bloom 143 days with very good vigor, full bloom 149 days with very good vigor. Spread at maturity 80cm. Number of stems at maturity 12. Dry weight per plant in July 44.6g. Seed.
493286. L.O.-1605. Spain. Collected 1977. Ciudad Real. Collected by J. Zulueta. First bloom 146 days with very good vigor, full bloom 154 days with very good vigor. Spread at maturity 74cm. Number of stems at maturity 12. Dry weight per plant in July 28.6g. Seed.
493287. L.O.-1612. Spain. Collected 1976. La Serena. Plants with small leaves, short, slow growing. Collected by Gouier & Fraucis. First bloom 151 days with fair vigor, full bloom 176 days with fair vigor. Spread at maturity 50cm. Number of stems at maturity 18. Dry weight per plant in July 51.3g. Seed.

493288. *Lathyrus tingitanus* L. (Fabaceae) Tangier pea.

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS.
Received October 1984.

EMP 9142. Raiano. Portugal. Collected 1972. Collected by Crespo. Wild. Seed.

493289 TO 493290. *Medicago arabica* (L.) Huds. (Fabaceae) Spotted burclover.

From Portugal. Donated by Crespo, D.G.; National Plant

493289 TO 493290-continued

Improvement Station; Elvas. Received through W.E. Knight,
USDA-ARS, Mississippi State, MS.
Received October 1984.

493289. EMP 3211. Portugal. Collected January 1977. Rio Maior.
Collected by Ramano. Wild. Seed.

493290. EMP 3267. Portugal. Collected January 1977. Marateca.
Collected by Ramano. Wild. Seed.

493291 TO 493293. *Medicago polymorpha* L. (Fabaceae) California
burclover.

From Portugal. Donated by Crespo, D.G.; National Plant
Improvement Station; Elvas. Received through W.E. Knight,
USDA-ARS, Mississippi State, MS.
Received October 1984.

493291. EMP 2784. Portugal. Collected January 1974. Viana do
Castelo. Collected by Ramano. Received as *Medicago nigra*.
Wild. Seed.

493292. EMP 3177. Portugal. Collected August 1977. Alcacer do
Sal. Collected by Ramano. Received as *Medicago nigra*.
Wild. Seed.

493293. EMP 3194. Portugal. Collected January 1977. Monsaraz.
Collected by Ramano. Received as *Medicago nigra*. Wild.
Seed.

493294. *Medicago scutellata* (L.) Mill, (Fabaceae) Snail medic.

From Portugal. Donated by Crespo, D.G.; National Plant
Improvement Station; Elvas. Received through W.E. Knight,
USDA-ARS, Mississippi State, MS.
Received October 1984.

EMP 3286. Portugal. Collected January 1977. Faro.
Collected by Ramano. Wild. Seed.

493295 TO 493298. *Medicago* sp. (Fabaceae).

From Portugal. Donated by Crespo, D.G.; National Plant
Improvement Station; Elvas. Received through W.E. Knight,
USDA-ARS, Mississippi State, MS.
Received October 1984.

493295. EMP 3173. Portugal. Collected January 1977. Portinho da
Arabida. Collected by Ramano. Received as *Medicago*
truncatula. Wild. Seed.

493295 TO 493298-continued

493296. EMP 3262. Portugal. Collected January 1977. Setubal. Collected by Ramano. Received as *Medicago tornata*. Wild. Seed.
493297. EMP 3297. Portugal. Collected January 1977. Castro Marim. Collected by Ramano. Received as *Medicago truncatula*. Wild. Seed.
493298. EMP 3343. Portugal. Collected January 1977. Monchique. Collected by Ramano. Received as *Medicago tornata*. Wild. Seed.

493299. *Trifolium fragiferum* L. (Fabaceae) Strawberry clover.

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS. Received October 1984.

EMP 2000. Portugal. Collected January 1966. Elvas. Collected by Crespo. Wild. Seed.

493300. *Trifolium hirtum* All. (Fabaceae) Rose clover.

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS. Received October 1984.

EMP 3323. Portugal. Collected August 1977. Vila Moura. Collected by Ramano. Wild. Seed.

493301 TO 493304. *Trifolium subterraneum* subsp. *brachycalycinum* Katzn. & Morley (Fabaceae).

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS. Received October 1984.

493301. EMP 1933. Portugal. Collected December 1965. Correio Mor. Collected by Crespo. Received as *Trifolium brachycalycinum*. Wild. Seed.
493302. EMP 1951. Portugal. Collected January 1966. Freixial. Collected by Crespo. Received as *Trifolium brachycalycinum*. Wild. Seed.
493303. EMP 1987. Portugal. Collected January 1966. Barbacena.

493301 TO 493304-continued

Collected by Crespo. Received as *Trifolium brachycalycinum*. Wild. Seed.

493304. EMP 2055. Portugal. Collected April 1966. Santiago Cacem. Collected by Crespo. Received as *Trifolium brachycalycinum*. Wild. Seed.

493305. *Vicia benghalensis* L. (Fabaceae) Purple vetch.

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS.
Received October 1984.

EMP 8780. Fontainhas. Portugal. Collected 1965. Collected by Crespo. Wild. Seed.

493306. *Vicia sativa* L. (Fabaceae) Common vetch.

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS.
Received October 1984.

EMP 8773. Gilvaz. Portugal. Collected 1976. Collected by Crespo. Wild. Seed.

493307. *Vicia sativa* L. var. *sativa* (Fabaceae).

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS.
Received October 1984.

EMP 8616-540. Piedade. Portugal. Collected 1966. Vila Moura. Collected by Crespo. Received as *Vicia sativa* var. *obovata*. Wild. Seed.

493308. *Vicia villosa* Roth (Fabaceae) Hairy vetch.

From Portugal. Donated by Crespo, D.G.; National Plant Improvement Station; Elvas. Received through W.E. Knight, USDA-ARS, Mississippi State, MS.
Received October 1984.

EMP 8746. Amorciras. Portugal. Collected 1975. Collected by Ramano. Wild. Seed.

493309 TO 494066. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Argentina. Donated by Pietrarelli, J.; INTA; Manfredi, Cordoba. Received through C.E. Simpson, Texas A&M University, Stephenville, Texas.
Received August 1984.

- 493309. RCM 1. Argentina. Selection from PI 261936. Originally collected in Paraguay. Previous identifier RCM 456-1. Cultivated. Seed.
- 493310. RCM 2. Argentina. Selection from PI 261937. Originally collected in Paraguay. Previous identifier RCM 456-2. Cultivated. Seed.
- 493311. RCM 3. Argentina. Selection from PI 261938. Originally collected in Paraguay. Previous identifier RCM 456-3. Cultivated. Seed.
- 493312. RCM 4. Argentina. Selection from PI 261939. Originally collected in Paraguay. Previous identifier RCM 456-4. Cultivated. Seed.
- 493313. RCM 5. Argentina. Selection from PI 261940. Originally collected in Paraguay. Previous identifier RCM 456-5. Cultivated. Seed.
- 493314. RCM 6. Argentina. Selection from PI 261941. Originally collected in Paraguay. Previous identifier RCM 456-6. Cultivated. Seed.
- 493315. RCM 7. Argentina. Selection from PI 261951. Originally collected in Paraguay. Previous identifier RCM 464. Cultivated. Seed.
- 493316. RCM 8. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493317. RCM 9. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493318. RCM 10. Argentina. Selection from PI 261956. Originally collected in Paraguay. Previous identifier RCM 470. Cultivated. Seed.
- 493319. RCM 11. Argentina. Selection from PI 261957. Originally collected in Paraguay. Previous identifier RCM 471. Cultivated. Seed.
- 493320. RCM 12. Argentina. Selection from PI 261957. Originally collected in Paraguay. Previous identifier RCM 471. Cultivated. Seed.
- 493321. RCM 13. Argentina. Selection from PI 261959. Originally

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- collected in Paraguay. Previous identifier RCM 473.
Cultivated. Seed.
493322. RCM 14. Argentina. Originally collected in Paraguay.
Cultivated. Seed.
493323. RCM 15. Argentina. Originally collected in Paraguay.
Cultivated. Seed.
493324. RCM 16. Argentina. Selection from PI 261971 and PI
261973. Originally collected in Paraguay. Previous
identifier RCM 481-1 and 481-3. Cultivated. Seed.
493325. RCM 17. Argentina. Selection from PI 261975. Originally
collected in Paraguay. Previous identifier RCM 483.
Cultivated. Seed.
493326. RCM 18. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493327. RCM 19. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493328. RCM 20. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493329. RCM 21. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493330. RCM 22. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493331. RCM 23. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493332. RCM 24. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493333. RCM 25. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.
493334. RCM 26. Argentina. Selection from PI 261983. Originally
collected in Paraguay. Previous identifier RCM 491.
Cultivated. Seed.

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493335. RCM 27. Argentina. Selection from PI 261983. Originally collected in Paraguay. Previous identifier RCM 491. Cultivated. Seed.
493336. RCM 28. Argentina. Selection from PI 261983. Originally collected in Paraguay. Previous identifier RCM 491. Cultivated. Seed.
493337. RCM 29. Argentina. Selection from PI 261983. Originally collected in Paraguay. Previous identifier RCM 491. Cultivated. Seed.
493338. RCM 30. Argentina. Selection from PI 261991. Originally collected in Paraguay. Previous identifier RCM 497. Cultivated. Seed.
493339. RCM 31. Argentina. Selection from PI 261991. Originally collected in Paraguay. Previous identifier RCM 497. Cultivated. Seed.
493340. RCM 32. Argentina. Selection from PI 261991. Originally collected in Paraguay. Previous identifier RCM 497. Cultivated. Seed.
493341. RCM 33. Argentina. Selection from PI 261991. Originally collected in Paraguay. Previous identifier RCM 497. Cultivated. Seed.
493342. RCM 34. Argentina. Selection from PI 261993. Originally collected in Paraguay. Previous identifier RCM 499. Cultivated. Seed.
493343. RCM 35. Argentina. Selection from PI 261993. Originally collected in Paraguay. Previous identifier RCM 499. Cultivated. Seed.
493344. RCM 36. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493345. RCM 37. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493346. RCM 38. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493347. RCM 39. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.

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- 493348. RCM 40. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493349. RCM 41. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493350. RCM 42. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493351. RCM 43. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
- 493352. RCM 44. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
- 493353. RCM 45. Argentina. Selection from PI 261998. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
- 493354. RCM 46. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 504. Cultivated. Seed.
- 493355. RCM 47. Argentina. Selection from PI 261999. Originally collected in Paraguay. Previous identifier RCM 505. Cultivated. Seed.
- 493356. RCM 48. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
- 493357. RCM 49. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
- 493358. RCM 50. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
- 493359. RCM 51. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
- 493360. RCM 52. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.

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493361. RCM 53. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493362. RCM 54. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493363. RCM 55. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493364. RCM 56. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493365. RCM 57. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493366. RCM 58. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493367. RCM 59. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493368. RCM 60. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493369. RCM 61. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493370. RCM 62. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493371. RCM 63. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493372. RCM 64. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493373. RCM 65. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.

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- 493374. RCM 66. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493375. RCM 67. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493376. RCM 68. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493377. RCM 69. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493378. RCM 70. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493379. RCM 71. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493380. RCM 72. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493381. RCM 73. Argentina. Selection from PI 262005. Originally collected in Paraguay. Previous identifier RCM 511. Cultivated. Seed.
- 493382. RCM 74. Argentina. Selection from PI 262005. Originally collected in Paraguay. Previous identifier RCM 511. Cultivated. Seed.
- 493383. RCM 75. Argentina. Selection from PI 262005. Originally collected in Paraguay. Previous identifier RCM 511. Cultivated. Seed.
- 493384. RCM 76. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
- 493385. RCM 77. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
- 493386. RCM 78. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.

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493387. RCM 79. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493388. RCM 80. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493389. RCM 81. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493390. RCM 82. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493391. RCM 83. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493392. RCM 84. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493393. RCM 85. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493394. RCM 86. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493395. RCM 87. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493396. RCM 88. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493397. RCM 89. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.
493398. RCM 90. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493399. RCM 91. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.

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493400. RCM 92. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493401. RCM 93. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493402. RCM 94. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493403. RCM 95. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493404. RCM 96. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493405. RCM 97. Argentina. Selection from PI 262020. Originally collected in Paraguay. Previous identifier RCM 526. Cultivated. Seed.
493406. RCM 98. Argentina. Selection from PI 262021. Originally collected in Paraguay. Previous identifier RCM 527. Cultivated. Seed.
493407. RCM 99. Argentina. Selection from PI 262021. Originally collected in Paraguay. Previous identifier RCM 527. Cultivated. Seed.
493408. RCM 100. Argentina. Selection from PI 262021. Originally collected in Paraguay. Previous identifier RCM 527. Cultivated. Seed.
493409. RCM 101. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493410. RCM 102. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493411. RCM 103. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493412. RCM 104. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.

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493413. RCM 105. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493414. RCM 106. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493415. RCM 107. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493416. RCM 108. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493417. RCM 109. Argentina. Selection from PI 262023. Originally collected in Paraguay. Previous identifier RCM 529. Cultivated. Seed.
493418. RCM 110. Argentina. Selection from PI 262023. Originally collected in Paraguay. Previous identifier RCM 529. Cultivated. Seed.
493419. RCM 111. Argentina. Selection from PI 262023. Originally collected in Paraguay. Previous identifier RCM 529. Cultivated. Seed.
493420. RCM 112. Argentina. Selection from PI 262023. Originally collected in Paraguay. Previous identifier RCM 529. Cultivated. Seed.
493421. RCM 113. Argentina. Selection from PI 262023. Originally collected in Paraguay. Previous identifier RCM 529. Cultivated. Seed.
493422. RCM 114. Argentina. Selection from PI 262023. Originally collected in Paraguay. Previous identifier RCM 529. Cultivated. Seed.
493423. RCM 115. Argentina. Selection from PI 261983. Originally collected in Paraguay. Previous identifier RCM 491. Cultivated. Seed.
493424. RCM 116. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493425. RCM 117. Argentina. Selection from PI 261956. Originally collected in Paraguay. Previous identifier RCM 470. Cultivated. Seed.

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493426. RCM 118. Argentina. Selection from PI 261956. Originally collected in Paraguay. Previous identifier RCM 470. Cultivated. Seed.
493427. RCM 119. Argentina. Selection from PI 261993. Originally collected in Paraguay. Previous identifier RCM 499. Cultivated. Seed.
493428. RCM 120. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493429. RCM 121. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493430. RCM 122. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
493431. RCM 123. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
493432. RCM 124. Argentina. Selection from PI 262004. Originally collected in Paraguay. Previous identifier RCM 510. Cultivated. Seed.
493433. RCM 125. Argentina. Selection from PI 262004. Originally collected in Paraguay. Previous identifier RCM 510. Cultivated. Seed.
493434. RCM 126. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493435. RCM 127. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493436. RCM 128. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493437. RCM 129. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493438. RCM 130. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.

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493439. RCM 131. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.
493440. RCM 132. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493441. RCM 133. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493442. RCM 134. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493443. RCM 135. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493444. RCM 136. Argentina. Selection from PI 262024. Originally collected in Paraguay. Previous identifier RCM 530. Cultivated. Seed.
493445. RCM 137. Argentina. Selection from PI 262024. Originally collected in Paraguay. Previous identifier RCM 530. Cultivated. Seed.
493446. RCM 138. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493447. RCM 139. Argentina. Selection from PI 261951. Originally collected in Paraguay. Previous identifier RCM 464. Cultivated. Seed.
493448. RCM 140. Argentina. Selection from PI 261974. Originally collected in Paraguay. Previous identifier RCM 482. Cultivated. Seed.
493449. RCM 141. Argentina. Selection from PI 262005. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493450. RCM 142. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493451. RCM 143. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.

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- 493452. RCM 144. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
- 493453. RCM 145. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
- 493454. RCM 146. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
- 493455. RCM 147. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
- 493456. RCM 148. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
- 493457. RCM 149. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
- 493458. RCM 150. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
- 493459. RCM 151. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
- 493460. RCM 152. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493461. RCM 153. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493462. RCM 154. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493463. RCM 155. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493464. RCM 156. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.

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- 493465. RCM 157. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493466. RCM 158. Argentina. Selection from PI 262028. Originally collected in Paraguay. Previous identifier RCM 534. Cultivated. Seed.
- 493467. RCM 159. Argentina. Selection from PI 262028. Originally collected in Paraguay. Previous identifier RCM 534. Cultivated. Seed.
- 493468. RCM 160. Argentina. Selection from PI 262028. Originally collected in Paraguay. Previous identifier RCM 534. Cultivated. Seed.
- 493469. RCM 161. Argentina. Selection from PI 262028. Originally collected in Paraguay. Previous identifier RCM 534. Cultivated. Seed.
- 493470. RCM 162. Argentina. Selection from PI 262028. Originally collected in Paraguay. Previous identifier RCM 534. Cultivated. Seed.
- 493471. RCM 163. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493472. RCM 164. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
- 493473. RCM 165. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
- 493474. RCM 166. Argentina. Selection from PI 262029. Originally collected in Brazil. Previous identifier RCM 535. Cultivated. Seed.
- 493475. RCM 167. Argentina. Selection from PI 262029. Originally collected in Brazil. Previous identifier RCM 535. Cultivated. Seed.
- 493476. RCM 168. Argentina. Selection from PI 262029. Originally collected in Brazil. Previous identifier RCM 535. Cultivated. Seed.
- 493477. RCM 169. Argentina. Selection from PI 262029. Originally collected in Brazil. Previous identifier RCM 535. Cultivated. Seed.

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493478. RCM 170. Argentina. Selection from PI 262030. Originally collected in Brazil. Previous identifier RCM 536. Cultivated. Seed.
493479. RCM 171. Argentina. Selection from PI 262030. Originally collected in Brazil. Previous identifier RCM 536. Cultivated. Seed.
493480. RCM 172. Argentina. Selection from PI 262030. Originally collected in Brazil. Previous identifier RCM 536. Cultivated. Seed.
493481. RCM 173. Argentina. Selection from PI 262032. Originally collected in Brazil. Previous identifier RCM 538. Cultivated. Seed.
493482. RCM 174. Argentina. Selection from PI 262032. Originally collected in Brazil. Previous identifier RCM 538. Cultivated. Seed.
493483. RCM 175. Argentina. Selection from PI 262033. Originally collected in Brazil. Previous identifier RCM 539. Cultivated. Seed.
493484. RCM 176. Argentina. Selection from PI 262034. Originally collected in Brazil. Previous identifier RCM 540. Cultivated. Seed.
493485. RCM 177. Argentina. Selection from PI 262034. Originally collected in Brazil. Previous identifier RCM 540. Cultivated. Seed.
493486. RCM 178. Argentina. Selection from PI 262034. Originally collected in Brazil. Previous identifier RCM 540. Cultivated. Seed.
493487. RCM 179. Argentina. Selection from PI 262035. Originally collected in Brazil. Previous identifier RCM 541. Cultivated. Seed.
493488. RCM 180. Argentina. Selection from PI 262036. Originally collected in Brazil. Previous identifier RCM 542. Cultivated. Seed.
493489. RCM 181. Argentina. Selection from PI 262037. Originally collected in Brazil. Previous identifier RCM 543. Cultivated. Seed.
493490. RCM 182. Argentina. Selection from PI 262038. Originally collected in Brazil. Previous identifier RCM 544. Cultivated. Seed.

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493491. RCM 183. Argentina. Selection from PI 262040. Originally collected in Brazil. Previous identifier RCM 546. Cultivated. Seed.
493492. RCM 184. Argentina. Selection from PI 262041. Originally collected in Brazil. Previous identifier RCM 547. Cultivated. Seed.
493493. RCM 185. Argentina. Selection from PI 262043. Originally collected in Brazil. Previous identifier RCM 549. Cultivated. Seed.
493494. RCM 186. Argentina. Selection from PI 262043. Originally collected in Brazil. Previous identifier RCM 549. Cultivated. Seed.
493495. RCM 187. Argentina. Selection from PI 262043. Originally collected in Brazil. Previous identifier RCM 549. Cultivated. Seed.
493496. RCM 188. Argentina. Selection from PI 262043. Originally collected in Brazil. Previous identifier RCM 549. Cultivated. Seed.
493497. RCM 189. Argentina. Selection from PI 262044. Originally collected in Brazil. Previous identifier RCM 550. Cultivated. Seed.
493498. RCM 190. Argentina. Selection from PI 262046. Originally collected in Brazil. Previous identifier RCM 552. Cultivated. Seed.
493499. RCM 191. Argentina. Selection from PI 262052. Originally collected in Brazil. Previous identifier RCM 558. Cultivated. Seed.
493500. RCM 192. Argentina. Selection from PI 262053. Originally collected in Brazil. Previous identifier RCM 559. Cultivated. Seed.
493501. RCM 193. Argentina. Selection from PI 262056, and PI 262057 and PI 262058. Originally collected in Brazil. Previous identifiers RCM 562, 563, and 564. Cultivated. Seed.
493502. RCM 194. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.
493503. RCM 195. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.

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- 493504. RCM 196. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.
- 493505. RCM 197. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.
- 493506. RCM 198. Argentina. Selection from PI 262060. Originally collected in Brazil. Previous identifier RCM 566. Cultivated. Seed.
- 493507. RCM 199. Argentina. Selection from PI 262060. Originally collected in Brazil. Previous identifier RCM 566. Cultivated. Seed.
- 493508. RCM 200. Argentina. Selection from PI 262060. Originally collected in Brazil. Previous identifier RCM 566. Cultivated. Seed.
- 493509. RCM 201. Argentina. Selection from PI 262060. Originally collected in Brazil. Previous identifier RCM 566. Cultivated. Seed.
- 493510. RCM 202. Argentina. Selection from PI 262060. Originally collected in Brazil. Previous identifier RCM 566. Cultivated. Seed.
- 493511. RCM 203. Argentina. Selection from PI 262062. Originally collected in Brazil. Previous identifier RCM 568. Cultivated. Seed.
- 493512. RCM 204. Argentina. Selection from PI 262062. Originally collected in Brazil. Previous identifier RCM 568. Cultivated. Seed.
- 493513. RCM 205. Argentina. Selection from PI 262062. Originally collected in Brazil. Previous identifier RCM 568. Cultivated. Seed.
- 493514. RCM 206. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
- 493515. RCM 207. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
- 493516. RCM 208. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.

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493517. RCM 209. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
493518. RCM 210. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
493519. RCM 211. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
493520. RCM 212. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
493521. RCM 213. Argentina. Selection from PI 262072. Originally collected in Brazil. Previous identifier RCM 578. Cultivated. Seed.
493522. RCM 214. Argentina. Selection from PI 262073. Originally collected in Brazil. Previous identifier RCM 579. Cultivated. Seed.
493523. RCM 215. Argentina. Selection from PI 262073. Originally collected in Brazil. Previous identifier RCM 579. Cultivated. Seed.
493524. RCM 216. Argentina. Selection from PI 262073. Originally collected in Brazil. Previous identifier RCM 579. Cultivated. Seed.
493525. RCM 217. Argentina. Selection from PI 262073. Originally collected in Brazil. Previous identifier RCM 579. Cultivated. Seed.
493526. RCM 218. Argentina. Selection from PI 262074. Originally collected in Brazil. Previous identifier RCM 580. Cultivated. Seed.
493527. RCM 219. Argentina. Selection from PI 262074. Originally collected in Brazil. Previous identifier RCM 580. Cultivated. Seed.
493528. RCM 220. Argentina. Selection from PI 262074. Originally collected in Brazil. Previous identifier RCM 580. Cultivated. Seed.
493529. RCM 221. Argentina. Selection from PI 262074. Originally collected in Brazil. Previous identifier RCM 580. Cultivated. Seed.

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493530. RCM 222. Argentina. Selection from PI 262074. Originally collected in Brazil. Previous identifier RCM 580. Cultivated. Seed.
493531. RCM 223. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493532. RCM 224. Argentina. Selection from PI 262078. Originally collected in Brazil. Previous identifier RCM 584. Cultivated. Seed.
493533. RCM 225. Argentina. Selection from PI 262078. Originally collected in Brazil. Previous identifier RCM 584. Cultivated. Seed.
493534. RCM 226. Argentina. Selection from PI 262078. Originally collected in Brazil. Previous identifier RCM 584. Cultivated. Seed.
493535. RCM 227. Argentina. Selection from PI 262078. Originally collected in Brazil. Previous identifier RCM 584. Cultivated. Seed.
493536. RCM 228. Argentina. Selection from PI 262079. Originally collected in Brazil. Previous identifier RCM 585. Cultivated. Seed.
493537. RCM 229. Argentina. Selection from PI 262079. Originally collected in Brazil. Previous identifier RCM 585. Cultivated. Seed.
493538. RCM 230. Argentina. Selection from PI 262080. Originally collected in Brazil. Previous identifier RCM 586. Cultivated. Seed.
493539. RCM 231. Argentina. Selection from PI 262080. Originally collected in Brazil. Previous identifier RCM 586. Cultivated. Seed.
493540. RCM 232. Argentina. Selection from PI 262080. Originally collected in Brazil. Previous identifier RCM 586. Cultivated. Seed.
493541. RCM 233. Argentina. Selection from PI 262081. Originally collected in Brazil. Previous identifier RCM 587. Cultivated. Seed.
493542. RCM 234. Argentina. Selection from PI 262082. Originally collected in Brazil. Previous identifier RCM 588. Cultivated. Seed.

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493543. RCM 235. Argentina. Selection from PI 262082. Originally collected in Brazil. Previous identifier RCM 588. Cultivated. Seed.
493544. RCM 236. Argentina. Selection from PI 262083. Originally collected in Brazil. Previous identifier RCM 589. Cultivated. Seed.
493545. RCM 237. Argentina. Selection from PI 262083. Originally collected in Brazil. Previous identifier RCM 589. Cultivated. Seed.
493546. RCM 238. Argentina. Selection from PI 262083. Originally collected in Brazil. Previous identifier RCM 589. Cultivated. Seed.
493547. RCM 239. Argentina. Selection from PI 262084. Originally collected in Brazil. Previous identifier RCM 590. Cultivated. Seed.
493548. RCM 240. Argentina. Selection from PI 262085. Originally collected in Brazil. Previous identifier RCM 591. Cultivated. Seed.
493549. RCM 241. Argentina. Selection from PI 262086. Originally collected in Brazil. Previous identifier RCM 592. Cultivated. Seed.
493550. RCM 242. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493551. RCM 243. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493552. RCM 244. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493553. RCM 245. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493554. RCM 246. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493555. RCM 247. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.

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- 493556. RCM 248. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
- 493557. RCM 249. Argentina. Selection from PI 262088. Originally collected in Brazil. Cultivated. Seed.
- 493558. RCM 250. Argentina. Selection from PI 262089. Originally collected in Brazil. Previous identifier RCM 595. Cultivated. Seed.
- 493559. RCM 251. Argentina. Selection from PI 275687. Originally collected in Brazil. Cultivated. Seed.
- 493560. RCM 252. Argentina. Selection from PI 275688. Originally collected in Brazil. Cultivated. Seed.
- 493561. RCM 253. Argentina. Selection from PI 275691. Originally collected in Brazil. Cultivated. Seed.
- 493562. RCM 254. Argentina. Selection from PI 275695. Originally collected in Brazil. Cultivated. Seed.
- 493563. RCM 255. Argentina. Selection from PI 275696. Originally collected in Brazil. Cultivated. Seed.
- 493564. RCM 256. Argentina. Selection from PI 275697. Originally collected in Brazil. Cultivated. Seed.
- 493565. RCM 257. Argentina. Selection from PI 275699. Originally collected in Brazil. Cultivated. Seed.
- 493566. RCM 258. Argentina. Selection from PI 275701. Originally collected in Brazil. Cultivated. Seed.
- 493567. RCM 259. Argentina. Selection from PI 275712. Originally collected in Brazil. Cultivated. Seed.
- 493568. RCM 260. Argentina. Selection from PI 275714. Originally collected in Brazil. Cultivated. Seed.
- 493569. RCM 261. Argentina. Selection from PI 275715. Originally collected in Brazil. Cultivated. Seed.
- 493570. RCM 262. Argentina. Selection from PI 275716. Originally collected in Brazil. Cultivated. Seed.
- 493571. RCM 263. Argentina. Selection from PI 275718. Originally collected in Brazil. Cultivated. Seed.
- 493572. RCM 264. Argentina. Selection from PI 275719. Originally collected in Brazil. Cultivated. Seed.

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- 493573. RCM 265. Argentina. Selection from PI 275720. Originally collected in Brazil. Cultivated. Seed.
- 493574. RCM 266. Argentina. Selection from PI 275722. Originally collected in Brazil. Cultivated. Seed.
- 493575. RCM 267. Argentina. Selection from PI 275729. Originally collected in Brazil. Cultivated. Seed.
- 493576. RCM 268. Argentina. Selection from PI 275730. Originally collected in Brazil. Cultivated. Seed.
- 493577. RCM 269. Argentina. Selection from PI 275731. Originally collected in Brazil. Cultivated. Seed.
- 493578. RCM 270. Argentina. Selection from PI 275732. Originally collected in Brazil. Cultivated. Seed.
- 493579. RCM 271. Argentina. Selection from PI 275738. Originally collected in Brazil. Cultivated. Seed.
- 493580. RCM 272. Argentina. Selection from PI 275739. Originally collected in Brazil. Cultivated. Seed.
- 493581. RCM 273. Argentina. Selection from PI 275741. Originally collected in Brazil. Cultivated. Seed.
- 493582. RCM 274. Argentina. Selection from PI 275742. Originally collected in Brazil. Cultivated. Seed.
- 493583. RCM 275. Argentina. Selection from PI 275743. Originally collected in Brazil. Cultivated. Seed.
- 493584. RCM 276. Argentina. Selection from PI 262085. Originally collected in Brazil. Previous identifier RCM 591. Cultivated. Seed.
- 493585. RCM 277. Argentina. Selection from PI 262085. Originally collected in Brazil. Previous identifier RCM 591. Cultivated. Seed.
- 493586. RCM 278. Argentina. Selection from PI 262085. Originally collected in Brazil. Previous identifier RCM 591. Cultivated. Seed.
- 493587. RCM 279. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
- 493588. RCM 280. Argentina. Selection from PI 262046. Originally collected in Brazil. Previous identifier RCM 552. Cultivated. Seed.

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493589. RCM 281. Argentina. Selection from PI 262078. Originally collected in Brazil. Previous identifier RCM 584. Cultivated. Seed.
493590. RCM 282. Argentina. Selection from PI 262084. Originally collected in Brazil. Previous identifier RCM 590. Cultivated. Seed.
493591. RCM 283. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493592. RCM 284. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493593. RCM 285. Argentina. Selection from PI 275693. Originally collected in Brazil. Cultivated. Seed.
493594. RCM 286. Argentina. Selection from PI 262092. Originally collected in Bolivia. Previous identifier RCM 597-1. Cultivated. Seed.
493595. RCM 287. Argentina. Selection from PI 262093. Originally collected in Bolivia. Previous identifier RCM 597-2. Cultivated. Seed.
493596. RCM 288. Argentina. Selection from PI 262094. Originally collected in Bolivia. Previous identifier RCM 597-3. Cultivated. Seed.
493597. RCM 289. Argentina. Selection from PI 262095. Originally collected in Bolivia. Previous identifier RCM 597-4. Cultivated. Seed.
493598. RCM 290. Argentina. Selection from PI 262096. Originally collected in Bolivia. Previous identifier RCM 597-5. Cultivated. Seed.
493599. RCM 291. Argentina. Selection from PI 262097. Originally collected in Bolivia. Previous identifier RCM 597-6. Cultivated. Seed.
493600. RCM 292. Argentina. Selection from PI 262098. Originally collected in Bolivia. Previous identifier RCM 597-7. Cultivated. Seed.
493601. RCM 293. Argentina. Selection from PI 262099. Originally collected in Bolivia. Previous identifier RCM 597-8. Cultivated. Seed.
493602. RCM 294. Argentina. Selection from PI 262100. Originally

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- collected in Bolivia. Previous identifier RCM 597-9.
Cultivated. Seed.
493603. RCM 295. Argentina. Selection from PI 262101. Originally collected in Bolivia. Previous identifier RCM 597-10. Cultivated. Seed.
493604. RCM 296. Argentina. Selection from PI 262102. Originally collected in Bolivia. Previous identifier RCM 597-11. Cultivated. Seed.
493605. RCM 297. Argentina. Selection from PI 262103. Originally collected in Bolivia. Previous identifier RCM 597-12. Cultivated. Seed.
493606. RCM 298. Argentina. Selection from PI 262104. Originally collected in Bolivia. Previous identifier RCM 597-13. Cultivated. Seed.
493607. RCM 299. Argentina. Selection from PI 262105. Originally collected in Bolivia. Previous identifier RCM 598. Cultivated. Seed.
493608. RCM 300. Argentina. Selection from PI 262105. Originally collected in Bolivia. Previous identifier RCM 598. Cultivated. Seed.
493609. RCM 301. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493610. RCM 302. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493611. RCM 303. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493612. RCM 304. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493613. RCM 305. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493614. RCM 306. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493615. RCM 307. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703.

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Cultivated. Seed.

493616. RCM 308. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493617. RCM 309. Argentina. Selection from PI 262110. Originally collected in Bolivia. Previous identifier RCM 703. Cultivated. Seed.
493618. RCM 310. Argentina. Selection from PI 261119. Originally collected in Bolivia. Previous identifier RCM 712. Cultivated. Seed.
493619. RCM 311. Argentina. Selection from PI 262024. Originally collected in Paraguay. Previous identifier RCM 530. Cultivated. Seed.
493620. RCM 312. Argentina. Selection from PI 261956. Originally collected in Paraguay. Previous identifier RCM 470. Cultivated. Seed.
493621. RCM 313. Argentina. Selection from PI 261957. Originally collected in Paraguay. Previous identifier RCM 471. Cultivated. Seed.
493622. RCM 314. Argentina. Selection from PI 261957. Originally collected in Paraguay. Previous identifier RCM 471. Cultivated. Seed.
493623. RCM 315. Argentina. Selection from PI 261957. Originally collected in Paraguay. Previous identifier RCM 471. Cultivated. Seed.
493624. RCM 316. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
493625. RCM 317. Argentina. Selection from PI 261983. Originally collected in Paraguay. Previous identifier RCM 491. Cultivated. Seed.
493626. RCM 318. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493627. RCM 319. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493628. RCM 320. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.

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493629. RCM 321. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493630. RCM 322. Argentina. Selection from PI 262020. Originally collected in Paraguay. Previous identifier RCM 526. Cultivated. Seed.
493631. RCM 323. Argentina. Selection from PI 261983. Originally collected in Paraguay. Previous identifier RCM 491. Cultivated. Seed.
493632. RCM 324. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493633. RCM 325. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493634. RCM 326. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
493635. RCM 327. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493636. RCM 328. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493637. RCM 329. Argentina. Selection from PI 262111. Originally collected in Bolivia. Previous identifier RCM 704. Cultivated. Seed.
493638. RCM 330. Argentina. Selection from PI 261930. Originally collected in Argentina. Previous identifier RCM 454. Cultivated. Seed.
493639. RCM 331. Argentina. Selection from PI 261931. Originally collected in Paraguay. Previous identifier RCM 455-1. Cultivated. Seed.
493640. RCM 332. Argentina. Selection from PI 261944. Originally collected in Paraguay. Previous identifier RCM 458-1. Cultivated. Seed.
493641. RCM 333. Argentina. Selection from PI 261945. Originally collected in Paraguay. Previous identifier RCM 458-2. Cultivated. Seed.

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- 493642. RCM 334. Argentina. Selection from PI 261948. Originally collected in Paraguay. Previous identifier RCM 461. Cultivated. Seed.
- 493643. RCM 335. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493644. RCM 336. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493645. RCM 337. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493646. RCM 338. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493647. RCM 339. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493648. RCM 340. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493649. RCM 341. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.
- 493650. RCM 342. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493651. RCM 343. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493652. RCM 344. Argentina. Selection from PI 261955. Originally collected in Paraguay. Previous identifier RCM 469. Cultivated. Seed.
- 493653. RCM 345. Argentina. Selection from PI 261955. Originally collected in Paraguay. Previous identifier RCM 469. Cultivated. Seed.
- 493654. RCM 346. Argentina. Selection from PI 261955. Originally collected in Paraguay. Previous identifier RCM 469. Cultivated. Seed.
- 493655. RCM 347. Argentina. Originally collected in Paraguay. Cultivated. Seed.

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- 493656. RCM 348. Argentina. Selection from PI 261971. Originally collected in Paraguay. Previous identifier RCM 481-1. Cultivated. Seed.
- 493657. RCM 349. Argentina. Selection from PI 261971. Originally collected in Paraguay. Previous identifier RCM 481-1. Cultivated. Seed.
- 493658. RCM 350. Argentina. Selection from PI 261971. Originally collected in Paraguay. Previous identifier RCM 481-1. Cultivated. Seed.
- 493659. RCM 351. Argentina. Selection from PI 261979. Originally collected in Paraguay. Previous identifier RCM 487. Cultivated. Seed.
- 493660. RCM 352. Argentina. Selection from PI 261979. Originally collected in Paraguay. Previous identifier RCM 487. Cultivated. Seed.
- 493661. RCM 353. Argentina. Selection from PI 261979. Originally collected in Paraguay. Previous identifier RCM 487. Cultivated. Seed.
- 493662. RCM 354. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
- 493663. RCM 355. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
- 493664. RCM 356. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
- 493665. RCM 357. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
- 493666. RCM 358. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
- 493667. RCM 359. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
- 493668. RCM 360. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.

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493669. RCM 361. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493670. RCM 362. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493671. RCM 363. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493672. RCM 364. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493673. RCM 365. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493674. RCM 366. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493675. RCM 367. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493676. RCM 368. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493677. RCM 369. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493678. RCM 370. Argentina. Selection from PI 261990. Originally collected in Paraguay. Previous identifier RCM 496. Cultivated. Seed.
493679. RCM 371. Argentina. Selection from PI 261992. Originally collected in Paraguay. Previous identifier RCM 498. Cultivated. Seed.
493680. RCM 372. Argentina. Selection from PI 261992. Originally collected in Paraguay. Previous identifier RCM 498. Cultivated. Seed.
493681. RCM 373. Argentina. Selection from PI 261992. Originally collected in Paraguay. Previous identifier RCM 498. Cultivated. Seed.

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- 493682. RCM 374. Argentina. Selection from PI 261994. Originally collected in Paraguay. Previous identifier RCM 500. Cultivated. Seed.
- 493683. RCM 375. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493684. RCM 376. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493685. RCM 377. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493686. RCM 378. Argentina. Selection from PI 261996. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
- 493687. RCM 379. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
- 493688. RCM 380. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
- 493689. RCM 381. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
- 493690. RCM 382. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
- 493691. RCM 383. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493692. RCM 384. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
- 493693. RCM 385. Argentina. Selection from PI 262004. Originally collected in Paraguay. Previous identifier RCM 510. Cultivated. Seed.
- 493694. RCM 386. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.

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493695. RCM 387. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
493696. RCM 388. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
493697. RCM 389. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493698. RCM 390. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493699. RCM 391. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
493700. RCM 392. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
493701. RCM 393. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
493702. RCM 394. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
493703. RCM 395. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
493704. RCM 396. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
493705. RCM 397. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493706. RCM 398. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493707. RCM 399. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.

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493708. RCM 400. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493709. RCM 401. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493710. RCM 402. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493711. RCM 403. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493712. RCM 404. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493713. RCM 405. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493714. RCM 406. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493715. RCM 407. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493716. RCM 408. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493717. RCM 409. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493718. RCM 410. Argentina. Selection from PI 262014. Originally collected in Paraguay. Previous identifier RCM 520. Cultivated. Seed.
493719. RCM 411. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.
493720. RCM 412. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.

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493721. RCM 413. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493722. RCM 414. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493723. RCM 415. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493724. RCM 416. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493725. RCM 417. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493726. RCM 418. Argentina. Selection from PI 262019. Originally collected in Paraguay. Previous identifier RCM 525. Cultivated. Seed.
493727. RCM 419. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493728. RCM 420. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493729. RCM 421. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493730. RCM 422. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493731. RCM 423. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493732. RCM 424. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493733. RCM 425. Argentina. Selection from PI 261934. Originally collected in Paraguay. Previous identifier RCM 455-4. Cultivated. Seed.

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493734. RCM 426. Argentina. Selection from PI 261950. Originally collected in Paraguay. Previous identifier RCM 463. Cultivated. Seed.
493735. RCM 427. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493736. RCM 428. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493737. RCM 429. Argentina. Selection from PI 262003. Originally collected in Paraguay. Previous identifier RCM 509. Cultivated. Seed.
493738. RCM 430. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
493739. RCM 431. Argentina. Selection from PI 262014. Originally collected in Paraguay. Previous identifier RCM 520. Cultivated. Seed.
493740. RCM 432. Argentina. Selection from PI 262014. Originally collected in Paraguay. Previous identifier RCM 520. Cultivated. Seed.
493741. RCM 433. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.
493742. RCM 434. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493743. RCM 435. Argentina. Selection from PI 262012. Originally collected in Paraguay. Previous identifier RCM 518. Cultivated. Seed.
493744. RCM 436. Argentina. Selection from PI 262014. Originally collected in Paraguay. Previous identifier RCM 520. Cultivated. Seed.
493745. RCM 437. Argentina. Selection from PI 262018. Originally collected in Paraguay. Previous identifier RCM 524. Cultivated. Seed.
493746. RCM 438. Argentina. Selection from PI 261951. Originally collected in Paraguay. Previous identifier RCM 464. Cultivated. Seed.

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493747. RCM 439. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493748. RCM 440. Argentina. Originally collected in Paraguay. Cultivated. Seed.
493749. RCM 441. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
493750. RCM 442. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
493751. RCM 443. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
493752. RCM 444. Argentina. Selection from PI 262039. Originally collected in Brazil. Previous identifier RCM 545. Cultivated. Seed.
493753. RCM 445. Argentina. Selection from PI 262039. Originally collected in Brazil. Previous identifier RCM 545. Cultivated. Seed.
493754. RCM 446. Argentina. Selection from PI 262039. Originally collected in Brazil. Previous identifier RCM 545. Cultivated. Seed.
493755. RCM 447. Argentina. Selection from PI 262039. Originally collected in Brazil. Previous identifier RCM 545. Cultivated. Seed.
493756. RCM 448. Argentina. Selection from PI 262042. Originally collected in Brazil. Previous identifier RCM 548. Cultivated. Seed.
493757. RCM 449. Argentina. Selection from PI 262042. Originally collected in Brazil. Previous identifier RCM 548. Cultivated. Seed.
493758. RCM 450. Argentina. Selection from PI 262042. Originally collected in Brazil. Previous identifier RCM 548. Cultivated. Seed.
493759. RCM 451. Argentina. Selection from PI 262042. Originally collected in Brazil. Previous identifier RCM 548. Cultivated. Seed.
493760. RCM 452. Argentina. Selection from PI 262042. Originally

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- collected in Brazil. Previous identifier RCM 548.
Cultivated. Seed.
493761. RCM 453. Argentina. Selection from PI 262042. Originally collected in Brazil. Previous identifier RCM 548. Cultivated. Seed.
493762. RCM 454. Argentina. Selection from PI 262045. Originally collected in Brazil. Previous identifier RCM 551. Cultivated. Seed.
493763. RCM 455. Argentina. Selection from PI 262045. Originally collected in Brazil. Previous identifier RCM 551. Cultivated. Seed.
493764. RCM 456. Argentina. Selection from PI 262049. Originally collected in Brazil. Previous identifier RCM 555. Cultivated. Seed.
493765. RCM 457. Argentina. Selection from PI 262049. Originally collected in Brazil. Previous identifier RCM 555. Cultivated. Seed.
493766. RCM 458. Argentina. Selection from PI 262049. Originally collected in Brazil. Previous identifier RCM 555. Cultivated. Seed.
493767. RCM 459. Argentina. Selection from PI 262049. Originally collected in Brazil. Previous identifier RCM 555. Cultivated. Seed.
493768. RCM 460. Argentina. Selection from PI 262049. Originally collected in Brazil. Previous identifier RCM 555. Cultivated. Seed.
493769. RCM 461. Argentina. Selection from PI 262049. Originally collected in Brazil. Previous identifier RCM 555. Cultivated. Seed.
493770. RCM 462. Argentina. Selection from PI 262050. Originally collected in Brazil. Previous identifier RCM 556. Cultivated. Seed.
493771. RCM 463. Argentina. Selection from PI 262050. Originally collected in Brazil. Previous identifier RCM 556. Cultivated. Seed.
493772. RCM 464. Argentina. Selection from PI 262050. Originally collected in Brazil. Previous identifier RCM 556. Cultivated. Seed.
493773. RCM 465. Argentina. Selection from PI 262051. Originally collected in Brazil. Previous identifier RCM 557.

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- Cultivated. Seed.
493774. RCM 466. Argentina. Selection from PI 262051. Originally collected in Brazil. Previous identifier RCM 557. Cultivated. Seed.
493775. RCM 467. Argentina. Selection from PI 262051. Originally collected in Brazil. Previous identifier RCM 557. Cultivated. Seed.
493776. RCM 468. Argentina. Selection from PI 262053. Originally collected in Brazil. Previous identifier RCM 559. Cultivated. Seed.
493777. RCM 469. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.
493778. RCM 470. Argentina. Selection from PI 262069. Originally collected in Brazil. Previous identifier RCM 575. Cultivated. Seed.
493779. RCM 471. Argentina. Selection from PI 262069. Originally collected in Brazil. Previous identifier RCM 575. Cultivated. Seed.
493780. RCM 472. Argentina. Selection from PI 262069. Originally collected in Brazil. Previous identifier RCM 575. Cultivated. Seed.
493781. RCM 473. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493782. RCM 474. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493783. RCM 475. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493784. RCM 476. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493785. RCM 477. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493786. RCM 478. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.

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493787. RCM 479. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493788. RCM 480. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
493789. RCM 481. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493790. RCM 482. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493791. RCM 483. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493792. RCM 484. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493793. RCM 485. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493794. RCM 486. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493795. RCM 487. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493796. RCM 488. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493797. RCM 489. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493798. RCM 490. Argentina. Selection from PI 262076. Originally collected in Brazil. Previous identifier RCM 582. Cultivated. Seed.
493799. RCM 491. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.

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- 493800. RCM 492. Argentina. Selection from PI 275693. Originally collected in Brazil. Cultivated. Seed.
- 493801. RCM 493. Argentina. Selection from PI 275698. Originally collected in Brazil. Cultivated. Seed.
- 493802. RCM 494. Argentina. Selection from PI 275699. Originally collected in Brazil. Cultivated. Seed.
- 493803. RCM 495. Argentina. Selection from PI 275702. Originally collected in Brazil. Cultivated. Seed.
- 493804. RCM 496. Argentina. Selection from PI 275737. Originally collected in Brazil. Cultivated. Seed.
- 493805. RCM 497. Argentina. Selection from PI 262050. Originally collected in Brazil. Previous identifier RCM 556. Cultivated. Seed.
- 493806. RCM 498. Argentina. Selection from PI 262060. Originally collected in Brazil. Previous identifier RCM 566. Cultivated. Seed.
- 493807. RCM 499. Argentina. Selection from PI 275692. Originally collected in Brazil. Cultivated. Seed.
- 493808. RCM 500. Argentina. Selection from PI 275693. Originally collected in Brazil. Cultivated. Seed.
- 493809. RCM 501. Argentina. Selection from PI 275723. Originally collected in Brazil. Cultivated. Seed.
- 493810. RCM 502. Argentina. Selection from PI 262070. Originally collected in Brazil. Previous identifier RCM 576. Cultivated. Seed.
- 493811. RCM 503. Argentina. Selection from PI 261930. Originally collected in Argentina. Previous identifier RCM 454. Cultivated. Seed.
- 493812. RCM 504. Argentina. Selection from PI 261930. Originally collected in Argentina. Previous identifier RCM 454. Cultivated. Seed.
- 493813. RCM 505. Argentina. Selection from PI 261930. Originally collected in Argentina. Previous identifier RCM 454. Cultivated. Seed.
- 493814. RCM 506. Argentina. Selection from PI 261992. Originally collected in Paraguay. Previous identifier RCM 498. Cultivated. Seed.

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493815. RCM 507. Argentina. Selection from PI 261931. Originally collected in Paraguay. Previous identifier RCM 455-1. Cultivated. Seed.
493816. RCM 508. Argentina. Selection from PI 261933. Originally collected in Paraguay. Previous identifier RCM 455-3. Cultivated. Seed.
493817. RCM 509. Argentina. Selection from PI 261981. Originally collected in Paraguay. Previous identifier RCM 489. Cultivated. Seed.
493818. RCM 510. Argentina. Selection from PI 261985. Originally collected in Paraguay. Previous identifier RCM 493-1. Cultivated. Seed.
493819. RCM 511. Argentina. Selection from PI 261989. Originally collected in Paraguay. Previous identifier RCM 495. Cultivated. Seed.
493820. RCM 512. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
493821. RCM 513. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
493822. RCM 514. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493823. RCM 515. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493824. RCM 516. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493825. RCM 517. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
493826. RCM 518. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493827. RCM 519. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.

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493828. RCM 520. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
493829. RCM 521. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
493830. RCM 522. Argentina. Selection from PI 262022. Originally collected in Paraguay. Previous identifier RCM 528. Cultivated. Seed.
493831. RCM 523. Argentina. Selection from PI 261973. Originally collected in Paraguay. Previous identifier RCM 481-3. Cultivated. Seed.
493832. RCM 524. Argentina. Selection from PI 261984. Originally collected in Paraguay. Previous identifier RCM 492. Cultivated. Seed.
493833. RCM 525. Argentina. Selection from PI 261997. Originally collected in Paraguay. Previous identifier RCM 503. Cultivated. Seed.
493834. RCM 526. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493835. RCM 527. Argentina. Selection from PI 262024. Originally collected in Paraguay. Previous identifier RCM 530. Cultivated. Seed.
493836. RCM 528. Argentina. Selection from PI 262024. Originally collected in Paraguay. Previous identifier RCM 530. Cultivated. Seed.
493837. RCM 529. Argentina. Selection from PI 261986. Originally collected in Paraguay. Previous identifier RCM 493-2. Cultivated. Seed.
493838. RCM 530. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493839. RCM 531. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493840. RCM 532. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.

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493841. RCM 533. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.
493842. RCM 534. Argentina. Selection from PI 275744. Originally collected in Brazil. Cultivated. Seed.
493843. RCM 535. Argentina. Selection from PI 262047 and PI 262048. Originally collected in Brazil. Previous identifiers RCM 553 and 554. Cultivated. Seed.
493844. RCM 536. Argentina. Selection from PI 275724. Originally collected in Brazil. Cultivated. Seed.
493845. RCM 537. Argentina. Selection from PI 275725. Originally collected in Brazil. Cultivated. Seed.
493846. RCM 538. Argentina. Selection from PI 275726. Originally collected in Brazil. Cultivated. Seed.
493847. RCM 539. Argentina. Selection from PI 275726. Originally collected in Brazil. Cultivated. Seed.
493848. RCM 540. Argentina. Selection from PI 275727. Originally collected in Brazil. Cultivated. Seed.
493849. RCM 541. Argentina. Selection from PI 262042. Originally collected in Brazil. Previous identifier RCM 548. Cultivated. Seed.
493850. RCM 542. Argentina. Selection from PI 262047. Originally collected in Brazil. Previous identifiers RCM 553 and 554. Cultivated. Seed.
493851. RCM 543. Argentina. Selection from PI 275719. Originally collected in Brazil. Cultivated. Seed.
493852. RCM 544. Argentina. Selection from PI 262083. Originally collected in Brazil. Previous identifier RCM 589. Cultivated. Seed.
493853. RCM 545. Argentina. Selection from PI 262111. Originally collected in Bolivia. Previous identifier RCM 704. Cultivated. Seed.
493854. RCM 546. Argentina. Selection from PI 121070. Originally collected in Paraguay. Cultivated. Seed.
493855. RCM 547. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.

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- 493856. RCM 548. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
- 493857. RCM 549. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
- 493858. RCM 550. Argentina. Selection from PI 275728. Originally collected in Brazil. Cultivated. Seed.
- 493859. RCM 551. Argentina. Selection from PI 262035. Originally collected in Brazil. Previous identifier RCM 541. Cultivated. Seed.
- 493860. RCM 552. Argentina. Selection from PI 262065. Originally collected in Brazil. Previous identifier RCM 571. Cultivated. Seed.
- 493861. RCM 553. Argentina. Selection from PI 262068. Originally collected in Brazil. Previous identifier RCM 574. Cultivated. Seed.
- 493862. RCM 554. Argentina. Selection from PI 275736. Originally collected in Brazil. Cultivated. Seed.
- 493863. RCM 555. Argentina. Selection from PI 275725. Originally collected in Brazil. Cultivated. Seed.
- 493864. RCM 556. Argentina. Selection from PI 262117. Originally collected in Bolivia. Previous identifier RCM 710. Cultivated. Seed.
- 493865. RCM 557. Argentina. Selection from PI 261943. Originally collected in Paraguay. Previous identifier RCM 457-2. Cultivated. Seed.
- 493866. RCM 558. Argentina. Selection from PI 261946. Originally collected in Paraguay. Previous identifier RCM 459. Cultivated. Seed.
- 493867. RCM 559. Argentina. Selection from PI 261947. Originally collected in Paraguay. Previous identifier RCM 460. Cultivated. Seed.
- 493868. RCM 560. Argentina. Selection from PI 261948. Originally collected in Paraguay. Previous identifier RCM 461. Cultivated. Seed.
- 493869. RCM 561. Argentina. Selection from PI 261949. Originally collected in Paraguay. Previous identifier RCM 462. Cultivated. Seed.

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493870. RCM 562. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
493871. RCM 563. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
493872. RCM 564. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
493873. RCM 565. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493874. RCM 566. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493875. RCM 567. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493876. RCM 568. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493877. RCM 569. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493878. RCM 570. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493879. RCM 571. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493880. RCM 572. Argentina. Selection from PI 261954. Originally collected in Paraguay. Previous identifier RCM 467. Cultivated. Seed.
493881. RCM 573. Argentina. Selection from PI 261954. Originally collected in Paraguay. Previous identifier RCM 467. Cultivated. Seed.
493882. RCM 574. Argentina. Selection from PI 261954. Originally collected in Paraguay. Previous identifier RCM 467. Cultivated. Seed.

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- 493883. RCM 575. Argentina. Selection from PI 261954. Originally collected in Paraguay. Previous identifier RCM 467. Cultivated. Seed.
- 493884. RCM 576. Argentina. Selection from PI 261955. Originally collected in Paraguay. Previous identifier RCM 469. Cultivated. Seed.
- 493885. RCM 577. Argentina. Selection from PI 261959. Originally collected in Paraguay. Previous identifier RCM 473. Cultivated. Seed.
- 493886. RCM 578. Argentina. Selection from PI 261959. Originally collected in Paraguay. Previous identifier RCM 473. Cultivated. Seed.
- 493887. RCM 579. Argentina. Selection from PI 261959. Originally collected in Paraguay. Previous identifier RCM 473. Cultivated. Seed.
- 493888. RCM 580. Argentina. Selection from PI 261959. Originally collected in Paraguay. Previous identifier RCM 473. Cultivated. Seed.
- 493889. RCM 581. Argentina. Selection from PI 261959. Originally collected in Paraguay. Previous identifier RCM 473. Cultivated. Seed.
- 493890. RCM 582. Argentina. Selection from PI 261959. Originally collected in Paraguay. Previous identifier RCM 473. Cultivated. Seed.
- 493891. RCM 583. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493892. RCM 584. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493893. RCM 585. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493894. RCM 586. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493895. RCM 587. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493896. RCM 588. Argentina. Originally collected in Paraguay. Cultivated. Seed.
- 493897. RCM 589. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475.

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Cultivated. Seed.

493898. RCM 590. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
493899. RCM 591. Argentina. Selection from PI 261961. Originally collected in Paraguay. Previous identifier RCM 476. Cultivated. Seed.
493900. RCM 592. Argentina. Selection from PI 261961. Originally collected in Paraguay. Previous identifier RCM 476. Cultivated. Seed.
493901. RCM 593. Argentina. Selection from PI 261962. Originally collected in Paraguay. Previous identifier RCM 477. Cultivated. Seed.
493902. RCM 594. Argentina. Selection from PI 261969. Originally collected in Paraguay. Previous identifier RCM 479-6. Cultivated. Seed.
493903. RCM 595. Argentina. Selection from PI 261970. Originally collected in Paraguay. Previous identifier RCM 480. Cultivated. Seed.
493904. RCM 596. Argentina. Selection from PI 261970. Originally collected in Paraguay. Previous identifier RCM 480. Cultivated. Seed.
493905. RCM 597. Argentina. Selection from PI 261976. Originally collected in Paraguay. Previous identifier RCM 484. Cultivated. Seed.
493906. RCM 598. Argentina. Selection from PI 261978. Originally collected in Paraguay. Previous identifier RCM 486. Cultivated. Seed.
493907. RCM 599. Argentina. Selection from PI 261981. Originally collected in Paraguay. Previous identifier RCM 489. Cultivated. Seed.
493908. RCM 600. Argentina. Selection from PI 261981. Originally collected in Paraguay. Previous identifier RCM 489. Cultivated. Seed.
493909. RCM 601. Argentina. Selection from PI 261990. Originally collected in Paraguay. Previous identifier RCM 496. Cultivated. Seed.
493910. RCM 602. Argentina. Selection from PI 261990. Originally collected in Paraguay. Previous identifier RCM 496. Cultivated. Seed.

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- 493911. RCM 603. Argentina. Selection from PI 261990. Originally collected in Paraguay. Previous identifier RCM 496. Cultivated. Seed.
- 493912. RCM 604. Argentina. Selection from PI 261995. Originally collected in Paraguay. Previous identifier RCM 501. Cultivated. Seed.
- 493913. RCM 605. Argentina. Selection from PI 261995. Originally collected in Paraguay. Previous identifier RCM 501. Cultivated. Seed.
- 493914. RCM 606. Argentina. Selection from PI 262006. Originally collected in Paraguay. Previous identifier RCM 512. Cultivated. Seed.
- 493915. RCM 607. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
- 493916. RCM 608. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
- 493917. RCM 609. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
- 493918. RCM 610. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
- 493919. RCM 611. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
- 493920. RCM 612. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
- 493921. RCM 613. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
- 493922. RCM 614. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
- 493923. RCM 615. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.

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493924. RCM 616. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493925. RCM 617. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
493926. RCM 618. Argentina. Selection from PI 262017. Originally collected in Paraguay. Previous identifier RCM 523. Cultivated. Seed.
493927. RCM 619. Argentina. Selection from PI 262017. Originally collected in Paraguay. Previous identifier RCM 523. Cultivated. Seed.
493928. RCM 620. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
493929. RCM 621. Argentina. Selection from PI 261953. Originally collected in Paraguay. Previous identifier RCM 466. Cultivated. Seed.
493930. RCM 622. Argentina. Selection from PI 261954. Originally collected in Paraguay. Previous identifier RCM 467. Cultivated. Seed.
493931. RCM 623. Argentina. Originally collected in Paraguay. Cultivated. Seed.
493932. RCM 624. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
493933. RCM 625. Argentina. Selection from PI 261961. Originally collected in Paraguay. Previous identifier RCM 476. Cultivated. Seed.
493934. RCM 626. Argentina. Selection from PI 261962. Originally collected in Paraguay. Previous identifier RCM 477. Cultivated. Seed.
493935. RCM 627. Argentina. Selection from PI 261962. Originally collected in Paraguay. Previous identifier RCM 477. Cultivated. Seed.
493936. RCM 628. Argentina. Selection from PI 261978. Originally collected in Paraguay. Previous identifier RCM 486. Cultivated. Seed.
493937. RCM 629. Argentina. Selection from PI 261990. Originally

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- collected in Paraguay. Previous identifier RCM 496.
Cultivated. Seed.
493938. RCM 630. Argentina. Selection from PI 261995. Originally collected in Paraguay. Previous identifier RCM 502. Cultivated. Seed.
493939. RCM 631. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493940. RCM 632. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
493941. RCM 633. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
493942. RCM 634. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.
493943. RCM 635. Argentina. Selection from PI 262017. Originally collected in Paraguay. Previous identifier RCM 523. Cultivated. Seed.
493944. RCM 636. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493945. RCM 637. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
493946. RCM 638. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
493947. RCM 639. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
493948. RCM 640. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
493949. RCM 641. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
493950. RCM 642. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531.

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Cultivated. Seed.

493951. RCM 643. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
493952. RCM 644. Argentina. Selection from PI 262027. Originally collected in Paraguay. Previous identifier RCM 533. Cultivated. Seed.
493953. RCM 645. Argentina. Selection from PI 262027. Originally collected in Paraguay. Previous identifier RCM 533. Cultivated. Seed.
493954. RCM 646. Argentina. Selection from PI 275738. Originally collected in Brazil. Cultivated. Seed.
493955. RCM 647. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.
493956. RCM 648. Argentina. Selection from PI 262061. Originally collected in Brazil. Previous identifier RCM 567. Cultivated. Seed.
493957. RCM 649. Argentina. Selection from PI 262059. Originally collected in Brazil. Previous identifier RCM 565. Cultivated. Seed.
493958. RCM 650. Argentina. Selection from PI 262071. Originally collected in Brazil. Previous identifier RCM 577. Cultivated. Seed.
493959. RCM 651. Argentina. Selection from PI 262071. Originally collected in Brazil. Previous identifier RCM 577. Cultivated. Seed.
493960. RCM 652. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493961. RCM 653. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493962. RCM 654. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493963. RCM 655. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.

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493964. RCM 656. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493965. RCM 657. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493966. RCM 658. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493967. RCM 659. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
493968. RCM 660. Argentina. Selection from PI 262082. Originally collected in Brazil. Previous identifier RCM 588. Cultivated. Seed.
493969. RCM 661. Argentina. Selection from PI 262085. Originally collected in Brazil. Previous identifier RCM 591. Cultivated. Seed.
493970. RCM 662. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493971. RCM 663. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
493972. RCM 664. Argentina. Selection from PI 275697. Originally collected in Brazil. Cultivated. Seed.
493973. RCM 665. Argentina. Selection from PI 275699. Originally collected in Brazil. Cultivated. Seed.
493974. RCM 666. Argentina. Selection from PI 275703. Originally collected in Brazil. Cultivated. Seed.
493975. RCM 667. Argentina. Selection from PI 275708. Originally collected in Brazil. Cultivated. Seed.
493976. RCM 668. Argentina. Selection from PI 275710. Originally collected in Brazil. Cultivated. Seed.
493977. RCM 669. Argentina. Selection from PI 275716. Originally collected in Brazil. Cultivated. Seed.
493978. RCM 670. Argentina. Selection from PI 275717. Originally collected in Brazil. Cultivated. Seed.

493309 TO 494066-continued

- 493979. RCM 671. Argentina. Selection from PI 275732. Originally collected in Brazil. Cultivated. Seed.
- 493980. RCM 672. Argentina. Selection from PI 275734. Originally collected in Brazil. Cultivated. Seed.
- 493981. RCM 673. Argentina. Selection from PI 275735. Originally collected in Brazil. Cultivated. Seed.
- 493982. RCM 674. Argentina. Selection from PI 275740. Originally collected in Brazil. Cultivated. Seed.
- 493983. RCM 675. Argentina. Selection from PI 262087. Originally collected in Brazil. Previous identifier RCM 593. Cultivated. Seed.
- 493984. RCM 676. Argentina. Selection from PI 261918. Originally collected in Argentina. Previous identifier RCM 449-1. Cultivated. Seed.
- 493985. RCM 677. Argentina. Selection from PI 261925. Originally collected in Argentina. Previous identifier RCM 450. Cultivated. Seed.
- 493986. RCM 678. Argentina. Selection from PI 261926. Originally collected in Argentina. Previous identifier RCM 453-1. Cultivated. Seed.
- 493987. RCM 679. Argentina. Selection from PI 261927. Originally collected in Argentina. Previous identifier RCM 453-2. Cultivated. Seed.
- 493988. RCM 680. Argentina. Selection from PI 261928. Originally collected in Argentina. Previous identifier RCM 453-3. Cultivated. Seed.
- 493989. RCM 681. Argentina. Selection from PI 261981. Originally collected in Paraguay. Previous identifier RCM 489. Cultivated. Seed.
- 493990. RCM 682. Argentina. Selection from PI 261990. Originally collected in Paraguay. Previous identifier RCM 496. Cultivated. Seed.
- 493991. RCM 683. Argentina. Selection from PI 261995. Originally collected in Paraguay. Previous identifier RCM 501. Cultivated. Seed.
- 493992. RCM 684. Argentina. Selection from PI 262009. Originally collected in Paraguay. Previous identifier RCM 515. Cultivated. Seed.

493309 TO 494066-continued

493993. RCM 685. Argentina. Selection from PI 262017. Originally collected in Paraguay. Previous identifier RCM 523. Cultivated. Seed.
493994. RCM 686. Argentina. Selection from PI 261954. Originally collected in Paraguay. Previous identifier RCM 467. Cultivated. Seed.
493995. RCM 687. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
493996. RCM 688. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
493997. RCM 689. Argentina. Selection from PI 261968. Originally collected in Paraguay. Previous identifier RCM 479-5. Cultivated. Seed.
493998. RCM 690. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
493999. RCM 691. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
494000. RCM 692. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
494001. RCM 693. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
494002. RCM 694. Argentina. Selection from PI 262013. Originally collected in Paraguay. Previous identifier RCM 519. Cultivated. Seed.
494003. RCM 695. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
494004. RCM 696. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.
494005. RCM 697. Argentina. Selection from PI 262016. Originally collected in Paraguay. Previous identifier RCM 522. Cultivated. Seed.

493309 TO 494066-continued

494006. PCM 698. Argentina. Selection from PI 262017. Originally collected in Paraguay. Previous identifier RCM 523. Cultivated. Seed.
494007. RCM 699. Argentina. Selection from PI 262017. Originally collected in Paraguay. Previous identifier RCM 523. Cultivated. Seed.
494008. RCM 700. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
494009. RCM 701. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
494010. RCM 702. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
494011. RCM 703. Argentina. Selection from PI 261965. Originally collected in Paraguay. Previous identifier RCM 479-2. Cultivated. Seed.
494012. RCM 704. Argentina. Selection from PI 261966. Originally collected in Paraguay. Previous identifier RCM 479-3. Cultivated. Seed.
494013. RCM 705. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier PCM 514. Cultivated. Seed.
494014. RCM 706. Argentina. Selection from PI 262010. Originally collected in Paraguay. Previous identifier RCM 516. Cultivated. Seed.
494015. RCM 707. Argentina. Selection from PI 262010. Originally collected in Paraguay. Previous identifier RCM 516. Cultivated. Seed.
494016. RCM 708. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
494017. RCM 709. Argentina. Selection from PI 262026. Originally collected in Paraguay. Previous identifier RCM 532. Cultivated. Seed.
494018. RCM 710. Argentina. Selection from PI 275736. Originally collected in Brazil. Cultivated. Seed.
494019. RCM 711. Argentina. Selection from PI 262077. Originally

493309 TO 494066-continued

collected in Brazil. Previous identifier RCM 583.
Cultivated. Seed.

494020. RCM 712. Argentina. Selection from PI 275688. Originally collected in Brazil. Cultivated. Seed.
494021. RCM 713. Argentina. Selection from PI 275721. Originally collected in Brazil. Cultivated. Seed.
494022. RCM 714. Argentina. Selection from PI 275721. Originally collected in Brazil. Cultivated. Seed.
494023. RCM 715. Argentina. Selection from PI 261960. Originally collected in Paraguay. Previous identifier RCM 475. Cultivated. Seed.
494024. RCM 716. Argentina. Selection from PI 261998. Originally collected in Paraguay. Previous identifier RCM 504. Cultivated. Seed.
494025. RCM 717. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
494026. RCM 718. Argentina. Selection from PI 262015. Originally collected in Paraguay. Previous identifier RCM 521. Cultivated. Seed.
494027. RCM 719. Argentina. Selection from PI 261942. Originally collected in Paraguay. Previous identifier RCM 457-1. Cultivated. Seed.
494028. RCM 720. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
494029. RCM 721. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
494030. RCM 722. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
494031. RCM 723. Argentina. Selection from PI 261952. Originally collected in Paraguay. Previous identifier RCM 465. Cultivated. Seed.
494032. RCM 724. Argentina. Selection from PI 261963. Originally collected in Paraguay. Previous identifier RCM 478. Cultivated. Seed.
494033. RCM 725. Argentina. Selection from PI 261964. Originally

493309 TO 494066-continued

- collected in Paraguay. Previous identifier RCM 479-1.
Cultivated. Seed.
494034. RCM 726. Argentina. Selection from PI 261967. Originally collected in Paraguay. Previous identifier RCM 479-4. Cultivated. Seed.
494035. RCM 727. Argentina. Selection from PI 261988. Originally collected in Paraguay. Previous identifier RCM 494. Cultivated. Seed.
494036. RCM 728. Argentina. Selection from PI 262001. Originally collected in Paraguay. Previous identifier RCM 507. Cultivated. Seed.
494037. RCM 729. Argentina. Selection from PI 262002. Originally collected in Paraguay. Previous identifier RCM 508. Cultivated. Seed.
494038. RCM 730. Argentina. Selection from PI 262008. Originally collected in Paraguay. Previous identifier RCM 514. Cultivated. Seed.
494039. RCM 731. Argentina. Selection from PI 262010. Originally collected in Paraguay. Previous identifier RCM 516. Cultivated. Seed.
494040. RCM 732. Argentina. Selection from PI 262010. Originally collected in Paraguay. Previous identifier RCM 516. Cultivated. Seed.
494041. RCM 733. Argentina. Selection from PI 262010. Originally collected in Paraguay. Previous identifier RCM 516. Cultivated. Seed.
494042. RCM 734. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
494043. RCM 735. Argentina. Selection from PI 262011. Originally collected in Paraguay. Previous identifier RCM 517. Cultivated. Seed.
494044. RCM 736. Argentina. Selection from PI 262018. Originally collected in Paraguay. Previous identifier RCM 524. Cultivated. Seed.
494045. RCM 737. Argentina. Selection from PI 262018. Originally collected in Paraguay. Previous identifier RCM 524. Cultivated. Seed.
494046. RCM 738. Argentina. Selection from PI 262018. Originally collected in Paraguay. Previous identifier RCM 524.

493309 TO 494066-continued

- Cultivated. Seed.
494047. RCM 739. Argentina. Selection from PI 262018. Originally collected in Paraguay. Previous identifier RCM 524. Cultivated. Seed.
494048. RCM 740. Argentina. Selection from PI 262018. Originally collected in Paraguay. Previous identifier RCM 524. Cultivated. Seed.
494049. RCM 741. Argentina. Selection from PI 262025. Originally collected in Paraguay. Previous identifier RCM 531. Cultivated. Seed.
494050. RCM 742. Argentina. Selection from PI 275690. Originally collected in Brazil. Cultivated. Seed.
494051. RCM 743. Argentina. Selection from PI 262007. Originally collected in Paraguay. Previous identifier RCM 513. Cultivated. Seed.
494052. RCM 744. Argentina. Selection from PI 275698. Originally collected in Brazil. Cultivated. Seed.
494053. RCM 745. Argentina. Selection from PI 262075. Originally collected in Brazil. Previous identifier RCM 581. Cultivated. Seed.
494054. RCM 746. Argentina. Selection from PI 262077. Originally collected in Brazil. Previous identifier RCM 583. Cultivated. Seed.
494055. RCM 747. Argentina. Selection from PI 262081. Originally collected in Brazil. Previous identifier RCM 587. Cultivated. Seed.
494056. RCM 748. Argentina. Selection from PI 262081. Originally collected in Brazil. Previous identifier RCM 587. Cultivated. Seed.
494057. RCM 749. Argentina. Selection from PI 262081. Originally collected in Brazil. Previous identifier RCM 587. Cultivated. Seed.
494058. RCM 750. Argentina. Selection from PI 262081. Originally collected in Brazil. Previous identifier RCM 587. Cultivated. Seed.
494059. RCM 751. Argentina. Selection from PI 261982. Originally collected in Paraguay. Previous identifier RCM 490. Cultivated. Seed.
494060. RCM 752. Argentina. Selection from PI 262090. Originally

493309 TO 494066-continued

collected in Bolivia. Previous identifier RCM 596-1.
Cultivated. Seed.

494061. RCM 753. Argentina. Selection from PI 262106. Originally collected in Bolivia. Previous identifier RCM 599. Cultivated. Seed.

494062. RCM 754. Argentina. Selection from PI 261913. Originally collected in Argentina. Previous identifier RCM 446 and 447-4. Cultivated. Seed.

494063. RCM 755. Argentina. Selection from PI 261925. Originally collected in Argentina. Previous identifier RCM 450. Cultivated. Seed.

494064. RCM 757. Argentina. Selection from PI 261982. Originally collected in Paraguay. Previous identifier RCM 490. Cultivated. Seed.

494065. RCM 758. Argentina. Selection from PI 262107. Originally collected in Bolivia. Previous identifier RCM 600. Cultivated. Seed.

494066. RCM 759. Argentina. Selection from PI 262108. Originally collected in Bolivia. Previous identifier RCM 701. Cultivated. Seed.

494067. *Lens culinaris* Medik. (Fabaceae) Lentil.

From Chile. Donated by White, George A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

Chile. Collected November 23, 1984. Los Robles Street market, Valdivia. Grown in Temuco IX Region. Local name Lentejon (large seeded lentil). Cultivated. Seed.

494068. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From Chile. Donated by White, George A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Seeds white. Cultivated. Seed.

494069 TO 494076. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Chile. Donated by White, George A.; Germplasm Resources

494069 TO 494076-continued

Laboratory, USDA-ARS; Beltsville, MD.

Received December 1984.

494069. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Coscorron espanol. Cultivated. Seed.
494070. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Afufraco (sulfur-colored). Cultivated. Seed.
494071. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Benderita. Cultivated. Seed.
494072. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Enero. Cultivated. Seed.
494073. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Sin hilo amarillo (hilum yellow). Cultivated. Seed.
494074. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Cuyunda (very long). Seeds white. Cultivated. Seed.
494075. Chile. Collected November 23, 1984. Los Robles Street market, Valdivia. Grown in Temuco IX Region. Seeds light brown. Local name Poroto Manteca. Cultivated. Seed.
494076. Chile. Collected November 23, 1984. Los Robles Street market, Valdivia. Grown in Temuco IX Region. Seeds gray. Local name Tortolita. Cultivated. Seed.

494077 TO 494079. *Pisum sativum* L. (Fabaceae) Garden pea.

From Chile. Donated by White, George A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, MD.

Received December 1984.

494077. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Local name Grano decoro (golden grain). Cultivated. Seed.
494078. Chile. Collected November 20, 1984. Farmer's market near municipal building and Rio Valdivia, Valdivia. Local type. Pods yellow, string-less, edible. Cultivated. Seed.
494079. Chile. Collected November 20, 1984. Farmer's market near

494077 TO 494079-continued

municipal building and Rio Valdivia, Valdivia. Local type.
Local name Alverjon (shriveled). Cultivated. Seed.

494080. *Vicia faba* L. (Fabaceae) Broadbean.

From Chile. Donated by White, George A.; Germplasm Resources
Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

Chile. Collected November 20, 1984. Farmer's market near
municipal building and Rio Valdivia, Valdivia. Local type.
Cultivated. Seed.

494081 TO 494082. *Zea mays* L. (Poaceae) Field corn.

From Chile. Donated by White, George A.; Germplasm Resources
Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

494081. Chile. Collected November 20, 1984. Farmer's market near
municipal building and Rio Valdivia, Valdivia. Local 8-
rowed type. Local name Anariilo. Cultivated. Seed.

494082. Chile. Collected November 20, 1984. Farmer's market near
municipal building and Rio Valdivia, Valdivia. Local type.
Local name Blanco dulce. Used like sweet corn. Mixed with
some sweet kernels. Seeds white or cream-colored.
Cultivated. Seed.

494083. *Zea mays* L. (Poaceae) Sweet corn.

From Chile. Donated by White, George A.; Germplasm Resources
Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

Chile. Collected November 20, 1984. Farmer's market near
municipal building and Rio Valdivia, Valdivia. Local type.
Local name Amarillo dulce (yellow sweet corn). Cultivated.
Seed.

494084. *Vicia faba* L. (Fabaceae) Broadbean.

From Peru. Donated by White, George A.; Germplasm Resources
Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

Peru. Collected December 03, 1984. Indian street market,
Cusco. Grown in Chinjaipujeo Valley. 2300m. Seeds
yellow, most with variable light brown striations. Local

494084-continued

name Amarillo Og ueleao (yellow jasper). Cultivated. Seed.

494085 TO 494086. *Zea mays* L. (Poaceae) Field corn.

From Peru. Donated by White, George A.; Germplasm Resources Laboratory, USDA-ARS; Beltsville, MD.
Received December 1984.

494085. Peru. Collected December 03, 1984. Indian street market, Cusco. Grown in Urubamba Valley. 2300-2900m. Large seeded, yellow, floury Cusco type. Cultivated. Seed.

494086. Peru. Collected December 03, 1984. Lima market. Seeds and cobs deep purple. Both used to make a beverage called chicha morada. Received through J.E. Bryan, CIP, Lima. Cultivated. Seed.

494087 TO 494093. *Linum usitatissimum* L. (Linaceae) Flax.

From Argentina. Donated by Estacion Experimental Regional Agropecuaria Pergamino, INTA; 2700-Pergamino.
Received December 1984.

494087. Alcorta INTA. Argentina. Cultivated. Seed.

494088. Areco INTA. Argentina. Cultivated. Seed.

494089. Conesa INTA. Argentina. Cultivated. Seed.

494090. Malabrigo INTA. Argentina. Cultivated. Seed.

494091. Rojas INTA. Argentina. Cultivated. Seed.

494092. Salto INTA. Argentina. Cultivated. Seed.

494093. Tape Parana INTA. Argentina. Cultivated. Seed.

494094. *Psophocarpus tetragonolobus* (L.) DC. (Fabaceae) Winged bean.

From United States. Donated by Educational Concerns for Hunger Organization, Inc.; North Fort Myers, Florida.
Received December 1984.

United States. Orlando, Florida. Epcot Center. Day neutral type. Seeds small, brown. Cultivated. Seed.

494095. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Bruehl, G.W.; Department of Plant

494095-continued

Pathology, Washington State University; Pullman,
Washington.

Received November 1984.

WA6819. John. United States. (Omar/1834//CI 13438/3/PI
94540) selection/Sprague. Soft white type. Moderate
resistance to *Typhula* species and *Fusarium nivale*.
Resistant to snow mold. Winter Annual. Cultivar. Seed.

494096. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Gilchrist, D.G.; Departments of
Plant Pathology, Agronomy and Range Science, University
of California; Davis, California.

Received December 1984.

UC 544. Tadinia. United States. Tadorna/Inia 66. Hard
red type. Plants short. Heading time 1 to 3 days earlier
than Anza and Yolo. Lodging and shattering resistance
same as Anza and Yolo. Seeds slightly larger than Anza
and Yolo. Grain quality for all-purpose flour same as
Anza and Yolo. Protein and gluten quality low. Resistant
to speckled leaf blotch and stripe rust. Some tolerance
to BYD. Susceptible to leaf rust. Spring Annual. Cultivar.
Seed.

494097 TO 494100. *Hordeum vulgare* L. (Poaceae) Barley.

From United States. Donated by Bruns, C.; Nickerson American
Plant Breeders, Inc.; Berthoud, Colorado.

Received November 1984.

494097. NAPB-1. Bumper. United States. Selection from Larker F2
bulks. Six-rowed type. Juvenile habit erect. Plants most
similar to Glenn, except flag leaf wider, more disease
resistant and maturity later. Well-adapted to upper
midwest. Spring Annual. Cultivar. Seed.

494098. NAPB-18. Premier. United States. Summit/Klages. Two-
rowed type. Juvenile habit semi-prostrate. Straw strength
good. Seeds plump. Most traits similar to Klages. Well
adapted to irrigated intermountain spring barley growing
areas. Leaf spotting less than Klages. Spring Annual.
Cultivar. Seed.

494099. TR907. Summit. United States. HP1203//Zephyr/Tern. Two-
rowed type. Juvenile habit erect. Straw strength good.
Most similar to Premier. Well adapted to all dryland and
most intermountain spring barley areas. Spring Annual.
Cultivar. Seed.

494097 TO 494100-continued

494100. NAPB-9. Teton. United States. Steptoe/63Ab-2987. Six-rowed type. Juvenile habit semi-prostrate. Seeds plump. Yield very high. Similar to Steptoe and Lindy. Well adapted to all irrigated and most dryland areas in the intermountain spring barley areas. Spring Annual. Cultivar. Seed.

494101 TO 494102. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by Bruns, C.; Nickerson American Plant Breeders, Inc.; Berthoud, Colorado. Received November 1984.

494101. Ex. 428402. HR 48. United States. I118889/Trapper/CO652643/3/Sonora/Trapper//Warrior. Plants hard red, semidwarf, awned, white chaffed. Straw strength very good. Head tapering to strap shaped, middense. Maturity intermediate. Moderately winterhardy. Milling and baking qualities good. Moderately resistant to stem rust, Hessian fly. Resistant to soil borne mosaic virus. Winter Annual. Cultivated. Seed.

494102. HS78-1139. Norseman. United States. Composite selection. Plants hard red, semidwarf, awned, white chaffed. Juvenile habit semi-erect. Head tapering to strap shaped, middense. Lodging resistance very good. Maturity medium. Protein and test weight medium. Milling and baking qualities satisfactory. Moderately resistant to leaf rust, tan spot, septoria, common root rot, stem rust. Spring Annual. Cultivar. Seed.

494103. *Triticum aestivum* L. (Poaceae) Common wheat.

From Pakistan. Donated by Hobbs, P.R.; CIMMYT; Islamabad. Received September 1984.

Broadbill. Mexico. Mexico, D.F. CIMMYT. CM 43381. Clement/Mochis 73//Torim 73. Developed by Rajaram. Similar in stature to Yecora. Double dwarf type. Rust resistant. Used for bread. Spring Annual. Cultivar. Seed.

494104 TO 494105. *Oryza sativa* L. (Poaceae) Rice.

From United States. Donated by Rice Experiment Station, California Co-operative Rice Research Foundation, Inc.; Biggs, California. Received January 1985.

494104. Calmochi-101. United States. Tatsumi Mochi//M7/S6.

494104 TO 494105-continued

Plants 86cm tall. Seedling vigor good. Seeds 5.4mm long. Maturity very early, 17 days shorter than Calmochi-202. Excellent resistance to blanking. Cultivar. Seed.

494105. M-202. United States. IR8/CS-M3*2//10-7*2/3/M-101. Plants 90cm tall. Seedling vigor good. Seeds 6.1mm long. Maturity early. Some resistance to stem rot. Cooking quality similar to California medium grain. Adaptable to cooler areas than M-201 and M-9. Cultivar. Seed.

494106 TO 494112. *Hordeum vulgare* L. (Poaceae) Barley.

From France. Donated by Devaux, P.; Florimond Desprez; Cappelle par Templeuve.
Received December 1984.

494106. 1179. Arma. France. Six row type. Plants shorter than Neger. Winter Annual. Cultivar. Seed.
494107. E 86 3-3. Aatrix. France. 259-711//Ares/Escurgeon Hatif de Grignon. Six row type. Plants short. Productivity higher than Ager. Quality same as Ager. Winter Annual. Cultivar. Seed.
494108. 2761. Illia. France. Six row type. Winter Annual. Cultivar. Seed.
494109. 1178. Gerbel. France. Six row type. Winter Annual. Cultivar. Seed.
494110. 3210. Panda. France. Two row type. Maturity 3 to 6 days later than Sonja. Winter Annual. Cultivar. Seed.
494111. 2945. Patty. France. Volla/Athos. Two row type. Plants short. Maturity semi-late, later than Aramir. Productivity superior to Aramir. Protein level less than Aramir. Spring Annual. Cultivar. Seed.
494112. 2945. Yriba. France. Two row type. Spring Annual. Cultivar. Seed.

494113. *Asparagus brachyphyllus* Turcz. (Liliaceae).

From Soviet Union. Donated by Hortus Botanicus Centralis Sibiricus; Novobirsk.
Received October 1984.

243. Soviet Union. Received as *Asparagus pallasii*. Cultivated. Seed.

494114. *Asparagus officinalis* L. (Liliaceae) Garden asparagus.

From Soviet Union. Donated by Hortus Botanicus Centralis
Sibiricus; Novobirsk.
Received October 1984.

242. Soviet Union. Cultivated. Seed.

494115. *Asparagus bucharicus* Iljin (Liliaceae).

From Soviet Union. Donated by Hortus Botanicus Principalis
Academiae Scientiarum URSS; Moscow.
Received December 1984.

264. Soviet Union. Cultivated. Seed.

494116. *Asparagus officinalis* L. subsp. *officinalis* (Liliaceae).

From Soviet Union. Donated by Hortus Botanicus Principalis
Academiae Scientiarum URSS; Moscow.
Received December 1984.

547. Soviet Union. Received as *Asparagus polyphyllus*.
Cultivated. Seed.

494117. *Asparagus schoberioides* Kunth (Liliaceae).

From Soviet Union. Donated by Hortus Botanicus Principalis
Academiae Scientiarum URSS; Moscow.
Received December 1984.

548. Soviet Union. Cultivated. Seed.

494118 TO 494119. *Agrostis stolonifera* L. (Poaceae) Creeping bentgrass.

From Soviet Union. Donated by N.I. Vavilov All-Union Scientific
Research Institute of Plant Industry; Leningrad 190000.
Received November 1984.

494118. VIR 39216. Klonobaja. Soviet Union. Ukrainian SSR.
Cultivated. Seed.

494119. VIR 42535. Carmen. Netherlands. Cultivated. Seed.

494120 TO 494121. *Agrostis tenuis* Sibth. (Poaceae) Colonial bentgrass.

From Soviet Union. Donated by N.I. Vavilov All-Union Scientific
Research Institute of Plant Industry; Leningrad 190000.
Received November 1984.

494120 TO 494121-continued

494120. VIR 42538. Tendenz. Germany, Federal Rep of. Cultivated. Seed.

494121. VIR 42539. Bardot V 430. Netherlands. Cultivated. Seed.

494122 TO 494124. *Alopecurus arundinaceus* Poir. (Poaceae) Creeping foxtail.

From Soviet Union. Donated by N.I. Vavilov All-Union Scientific Research Institute of Plant Industry; Leningrad 190000. Received November 1984.

494122. VIR 43553. Dikorastucsij. Soviet Union. Jakut SSR. Cultivated. Seed.

494123. VIR 44224. Soviet Union. Murmansk. Cultivated. Seed.

494124. VIR 44226. Soviet Union. Arhangelsk. Cultivated. Seed.

494125 TO 494127. *Alopecurus pratensis* L. (Poaceae) Meadow foxtail.

From Soviet Union. Donated by N.I. Vavilov All-Union Scientific Research Institute of Plant Industry; Leningrad 190000. Received November 1984.

494125. VIR 34830. Halm. Soviet Union. Estonian SSR. Cultivated. Seed.

494126. VIR 36092. Serebristyj. Soviet Union. Leningrad. Cultivated. Seed.

494127. VIR 36686. Priekulskij 40. Soviet Union. Latvian SSR. Cultivated. Seed.

Abelmoschus esculentus	489779-489857, 490325-490346	Allium longicuspis	493096-493099
Abelmoschus ficulneus	483320	Allium oleraceum	483417
Abelmoschus manihot	489858-490016	Allium paniculatum	483418
Abelmoschus sp.	483321	Allium pyrenaicum	483419
Acer ginnala	483442	Allium sativum	485592, 493100-493127
Actinidia arguta	491392-491393	Allium saxatile	483420
Aegilops columnaris	486231-486233, 487196-487198	Allium schoenoprasum	483421
Aegilops comosa	486234	Allium sp.	483424-483425, 485591
Aegilops cylindrica	486235-486250	Allium sphaerocephalon	483231
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Aegilops ovata	486252-486261, 487220-487229, 487282-487283, 491425-491434	Amaranthus cruentus	490655-490662
Aegilops searsii	487284	Amaranthus hybridus	490347-490348, 490663-490751
Aegilops sp.	487230	Amaranthus hypochondriacus	490752-490759
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Aegilops tauschii	486265-486277	Amaranthus tricolor	490762-490764
Aegilops triaristata	486278-486284	Amblyopyrum muticum	486303-486304
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Aegilops umbellulata	487247	Andropogon gerardii	483446
Aegilops vavilovii	487285-487286	Apium graveolens	491194
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Bromus rubens	487414	Ecballium elaterium	483233,
Bromus tectorum	483443	491203	
Cajanus cajan	487561-487562	Echinochloa colonum	491424
Camellia hybrid	483432-483433,	Ehrharta sp.	491552
487599-487606		Eleusine jaegeri	491563
Canavalia ensiformis	487475	Elymus fibrosus	486195-486196
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Capsicum chinense	485593	Elymus triticoides	490360
Capsicum frutescens	487623	Elymus virginicus	490361
Capsicum sp.	487446-487457,	Eriogonum fasciculatum	487415
487485		Erythrina variegata	490365
Caragana arborescens	483449	Festuca pratensis	486316
Carica papaya	491584-491673	Fraxinus mandshurica	491508
Carpinus turczaninovii	491506	Gerbera sp.	490998
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Castorbean	486318		491196-491197
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Chives	483421		489771-489775, 490313-490314,
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	486137, 486151, 486323-486326,		494086
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Common vetch	493306		486369-486381, 494087-
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			490995-490996, 491199-
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Levant cotton	485585-485587	Sorghum	485721-486126, 486320-486322, 487572-487596, 489762-489766, 490304-490312
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Pearl millet	487565-487568	Tobacco	486338, 486352, 491577
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For space conservation and consistency in identifying locations, the following acronyms have been used in Plant Inventory No. 192:

- CENARGEN - Centro Nacional de Recursos Geneticos (Brazil)
- CIMMYT - Centro Internacional de Mejoramiento de Maiz y Trigo (Mexico)
- CSIRO - Commonwealth Scientific and Industrial Research Organization (Australia)
- EMBRAPA - Empresa Brasileira de Pesquisas Agropecuarias (Brazil)
- FAO - Food and Agriculture Organization of the United Nations
- IBPGR - International Board for Plant Genetic Resources
- ICARDA - International Center for Agricultural Research in the Dry Areas (Syria)
- ICRISAT - International Crops Research Institute for Semi-Arid Tropics (India)
- IITA - International Institute of Tropical Agriculture (Nigeria)
- INRA - Institut National de la Recherche Agronomique (France)
- INTA - Instituto Nacional de Tecnologia Agropecuaria (Argentina)
- IRAT - Institut de Recherches Agronomiques Tropicales et des Cultures Vivrieres (France)
- IVRAZ - Institut Voltaique de Recherche Agricole et Zootechnique (Upper Volta)
- MIAC - Institutions of Agriculture Consortium (Morocco)
- ORSTOM - Office de la Recherche Scientifique et Technique d'Outre Mer (France)
- SAFGRAD - Semi-Arid Food Grains Research and Development (India)
- USDA-ARS - U.S. Department of Agriculture - Agricultural Research Service
- USDA-SCS - U.S. Department of Agriculture - Soil Conservation Service
- VIR - N.I. Vavilov Institute of Plant Industry (USSR)