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United States
Department of
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Plant Inventory No. 189

Plant Material Introduced
January 1 to December 31, 1981

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CONTENTS

	Page
Inventory.....	3
Index.....	706
Scientific names.....	706
Common names.....	709

Plant Inventory No. 189 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. 189: 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, Communications and Data Services Division, with software and hardware problems is appreciated. Services performed by the University of Maryland were provided through a cooperative agreement.

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Beltsville Agricultural Research Center
Beltsville, Maryland 20705
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Department of Botany, University of Maryland
College Park, Maryland 20742

Issued April 1983

452072 TO 452086. *Vitis vinifera* L. (Vitaceae) European grape.

From France. Station de Pathologie Vegetale, Inst. Natl. de la Recherche Agron., Centre de Recherches de Colmar, 68021 Colmar. Received through H. R. Cameron, Oregon State University, Corvallis, Oregon.
Received November 1980.

- 452072. Clone No. 36. Auxerrois. Cultivated. Cuttings.
- 452073. Clone No. 45. Auxerrois. Cultivated. Cuttings.
- 452074. Clone No. 146. Pinot gris. Cultivated. Cuttings.
- 452075. Clone No. 152. Pinot gris. Cultivated. Cuttings.
- 452076. Clone No. 159. Pinot blanc. Cultivated. Cuttings.
- 452077. Clone No. 161. Pinot blanc. Cultivated. Cuttings.
- 452078. Clone No. 275. Chasselas rouge. Cultivated. Cuttings.
- 452079. Clone No. 307. Chasselas blanc. Cultivated. Cuttings.
- 452080. Clone No. 456. Gewurztraminer. Cultivated. Cuttings.
- 452081. Clone No. 457. Gewurztraminer. Cultivated. Cuttings.
- 452082. Clone No. 492. Muscat ottonel. Cultivated. Cuttings.
- 452083. Clone No. 538. Pinot noir. Cultivated. Cuttings.
- 452084. Clone No. 742. Sylvaner. Cultivated. Cuttings.
- 452085. Clone No. 749. Sylvaner. Cultivated. Cuttings.
- 452086. Clone No. 813. Riesling. Cultivated. Cuttings.

452087 TO 452092. *Vitis vinifera* L. (Vitaceae) European grape.

From France. Station de Recherches Viticoles, Ecole National Superieure Agronomique, 34060 Montpellier. Received through H. R. Cameron, Oregon State University, Corvallis, Oregon.
Received November 1980.

- 452087. Clone No. 221. Gamay noir. Valley de la Loire. Cultivated. Cuttings.
- 452088. Clone No. 236. Pinot noir. Bourgone. Production large. Quality medium. Cultivated. Cuttings.
- 452089. Clone No. 282. Gamay noir. Beaujolais. Cultivated.

452087 TO 452092-continued
Cuttings.

452090. Clone No. 284. Gamay. Valley de la Loire. Cultivated.
Cuttings.

452091. Clone No. 352. Chardonnay. Bougogne. Cultivated.
Cuttings.

452092. Clone No. 374. Pinot noir. Bourgone. Production small.
Quality high. Cultivated. Cuttings.

452093 TO 452098. *Gossypium arboreum* L. (Malvaceae) Ceylon cotton.

From China, Peoples Repub of. Institute of Economic Crops,
Jiangsu Academy of Agricultural Sciences, Nanjing 210014.
Received January 1981.

452093. Chang Zi No. 1. Cultivated. Seed.

452094. Liaoyang No. 1. Cultivated. Seed.

452095. Millionaire. Cultivated. Seed.

452096. Nantong. Stems green. Leaves lobed. Flowers yellow.
Fruit dumbbell shaped. Cultivated. Seed.

452097. Shanghai Ying. Referred to as lake cotton. Cultivated.
Seed.

452098. Zejiang Yuyao. Stems yellow, large. Cultivated. Seed.

452099 TO 452100. *Gossypium barbadense* L. (Malvaceae) Sea-island
cotton.

From China, Peoples Repub of. Institute of Economic Crops,
Jiangsu Academy of Agricultural Sciences, Nanjing 210014.
Received January 1981.

452099. Long fibre No. 3. Cultivated. Seed.

452100. Sea-island No. 416. Cultivated. Seed.

452101 TO 452112. *Gossypium hirsutum* L. (Malvaceae) Upland cotton.

From China, Peoples Repub of. Institute of Economic Crops,
Jiangsu Academy of Agricultural Sciences, Nanjing 210014.
Received January 1981.

452101. Duck shelter. Cultivated. Seed.

452101 TO 452112-continued

- 452102. Jiangsu No. 1. Cultivated. Seed.
- 452103. Jiangsu No. 3. Cultivated. Seed.
- 452104. Liaoyang short branch. Cultivated. Seed.
- 452105. Lishan big boll. Cultivated. Seed.
- 452106. Long fibre No. 1. Cultivated. Seed.
- 452107. Long fibre No. 2. Cultivated. Seed.
- 452108. Nanjing No. 12. Cultivated. Seed.
- 452109. Nanjing No. 23. Cultivated. Seed.
- 452110. Nanjing No. 24. Cultivated. Seed.
- 452111. Pengze No. 1. Cultivated. Seed.
- 452112. Xuzhou No. 142. Cultivated. Seed.

452113. *Oryza sativa* L. (Poaceae) Rice.

From Japan. Division of Genetics, National Institute of Agricultural Sciences, Yatabe, Tsukuba 305.
Received December 1980.

'Ohseto'. Japan. Fukuyama. Chugoku Agricultural Experiment Station. Cultivated. Seed.

452114. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From Brazil. H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received through M. J. O'Brien, Germplasm Resources Lab., USDA, Beltsville, Maryland.
Received January 1981.

552a. Collected August 18, 1978. Remote dwelling, Corumba de Goias, Goias. Greenhouse increase of a single seed contaminant in *P. vulgaris*, PI 441835 (Erickson no. 552). Cultivated. Seed.

452115 TO 452117. *Cicer arietinum* L. (Fabaceae) Chickpea.

From India. Regional Pulse Improvement Project, Agency for International Development & U.S. Dept. of Agriculture, New Delhi.

452115 TO 452117-continued
Received January 1981.

452115. 12-069-00010. India. Seed.

452116. 12-069-00011. India. Seed.

452117. 12-069-00730. India. Seed.

452118 TO 452121. *Triticum aestivum* L. (Poaceae) Common wheat.

From France. S. D. Sunderwirth, UNISIGMA, Gie de Recherche et
Selection, 60480 - Froissy.
Received December 1980.

452118. 'Aiglon'. Awnless, soft red. Stripe rust resistant.
Bread baking quality good. Facultative Annual. Cultivar.
Seed.

452119. 'Camp Remy'. Awnless, soft red. Stripe rust resistant.
Bread baking quality good. Winter Annual. Cultivar. Seed.

452120. 'Carat'. Awnless, soft white. Moderately resistant to
leaf rust. Bread baking quality medium. Winter Annual.
Cultivar. Seed.

452121. 'Diam'. Awnless, soft red. Moderately resistant to
stripe rust. Bread baking quality medium. Winter Annual.
Cultivar. Seed.

452122 TO 452124. *Solanum melongena* L. (Solanaceae) Eggplant.

From Italy. Istituto di Agronomia Generale e Coltivazioni,
Erbacee, Universita Di Bologna, Bologna.
Received December 1980.

452122. Lunga violetta di Romagna. Plants to 75cm tall.
Spineless. Flowers pale pink. Fruits deep violet, weigh
150g. Cultivated. Seed.

452123. Tonda di Manfredonia. Plants to 65cm tall. Spineless.
Flowers pale pink. Fruits violet, weigh 640g. Cultivated.
Seed.

452124. Viserba. Spines short. Flowers pale pink. Fruits violet.
Cultivated. Seed.

452125. *Hordeum vulgare* L. (Poaceae) Barley.

From Canada. D. R. Metcalfe, Research Station, Agriculture
Canada, Winnipeg, Manitoba R3T 2M9.

452125-continued

Received December 1980.

'Norbert'. C15791/Parkland//Betzes/3/Betzes/Piroline/4/Akka/5/Centennial/6/Klages. Plants medium height, medium maturity, glabrous. Spikes dense, 2-row club type. Rachilla hairs long. Awns present, semi-smooth. Caryopsis covered, yellow. Aleurone color yellow (white). Yield high. Resistant to lodging, shattering, neck breaking and straw breaking. Good malting quality. Drought tolerant. Resistant to *Helminthosporium teres* & *Puccinia graminis*. Mod. resistant to barley yellow dwarf. Annual. Cultivated. Seed.

452126. *Allium* hybrid (Amaryllidaceae).

From Soviet Union. N. I. Vavilov Institute of Plant Industry, Leningrad.

Received January 1981.

Allium cepa x *A. oschaninii*. Krasnodar Territory. Cultivated. Breeding Material. Seed.

452127. *Erianthus giganteus* (Walt.) Muhl. (Poaceae) Plumegrass.

From United States. A.J. Oakes and J. Smith, USDA, Germplasm Resources Laboratory, Beltsville and Bowie, Maryland.

Received January 1981.

3380. Collected August 1978. Highway ditch near Royal Oak, Maryland. Plants tufted, to 1 m high. Foliage reddish. Spikes compact, reddish. Wild. Plants.

452128. *Erianthus ravennae* (L.) Beauv. (Poaceae) Ravenna grass.

From United States. A.J. Oakes and J. Smith, USDA, Germplasm Resources Laboratory, Beltsville and Bowie, Maryland.

Received January 1981.

3379. Collected August 1978. Floodplain, Nanticoke River, west of Denton, Maryland. Plants tufted, 4m high. Wild. Plants.

452129. *Lupinus albicaulis* Dougl. (Fabaceae) Sickle-keeled lupine.

From United States. Corvallis Plant Materials Center, Soil Conservation Service, U. S. Department of Agriculture, Corvallis, Oregon.

Received January 1981.

452129-continued

P 15659. 'Hederma'. Collected 1969. Collected from Marion and Polk Counties, Oregon. Perennial Herb. Cultivated. Seed.

452130 TO 452131. *Aegilops tauschii* Coss. (Poaceae).

From China, Peoples Repub of. Institute of Genetics, Academia Sinica, Beijing. Received through D.R.Dewey, USDA Crops Research Laboratory, Utah State Univ., Logan, Utah. Received January 1981.

452130. Honan Province. Wild. Seed.

452131. Tsinghai Province. Wild. Seed.

452132 TO 452133. *Secale cereale* L. (Poaceae) Rye.

From China, Peoples Repub of. Institute of Genetics, Academia Sinica, Beijing. Received through D.R.Dewey, USDA Crops Research Laboratory, Utah State Univ., Logan, Utah. Received January 1981.

452132. Kweichow Province. Cultivated. Seed.

452133. Shansi Province. Cultivated. Seed.

452134. *Astragalus bungeanus* Boiss. (Fabaceae).

From Soviet Union. D. R. Dewey and A. P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received January 1981.

D-1613. Collected August 08, 1977. Lenin Collective Farm, 90 E of Stavropol, 14km NW of Svetlograd. Sandy area dominated by *Bothriochloa*, annual *Eragrostis*, *Bromus*, and *Artemisia*. Plants low growing, readily grazed by sheep. Flowers purple. Wild. Seed.

452135 TO 452137. *Astragalus* sp. (Fabaceae).

From Soviet Union. D. R. Dewey and A. P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received January 1981.

452135. D-1673. Collected August 02, 1977. Above Kalentai, Yankulskaya Valley, between Svetlograd and Stavropol. 350M. Area dominated by *Artemisia*. Single plant. Received as *A. calycinus*, resembles *A. bungeanus*. Wild. Seed.

452136. D-1788. Collected August 09, 1977. Collective Farm "18

452135 TO 452137-continued

Years of Kazakhstan", 40km W of Shorthandy. Ravine closest to headquarters. Plants semi-prostrate with 30-40cm stems, long heads. Wild. Seed.

452137. D-2148. Collected August 25, 1977. Dry ravine, 25km NW of Victory Collective Farm, 75km E of Chimkent. Single perennial plant with seed pods at base. Leaves extending to 30cm. Wild. Seed.

452138 TO 452231. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received November 1980.

452138. AC 3828. IRCTN-1. Cold tolerant. Cultivated. Seed.

452139. IRRI 21024. ARC 10654. Leaf scald resistant. Cultivated. Seed.

452140. IRRI 12152. ARC 5925. Sheath blight resistant. Cultivated. Seed.

452141. IRRI 12172. ARC 6000. Cold tolerant. Cultivated. Seed.

452142. IRRI 12263. ARC 6240. Cold tolerant. Cultivated. Seed.

452143. IRRI 6073. ARC 6563. Leaf scald resistant. Cultivated. Seed.

452144. B541b-Kn-22-7-2. 79 IRYN M. IRTP medium maturity, high-yielding type. Cultivated. Seed.

452145. B541b-Pn-58-5-3-1. 79 IRYN E. IRTP early maturity, high-yielding type. Cultivated. Seed.

452146. IRRI 4804. Badshabhog. Scented. Stem rot resistant. Cultivated. Seed.

452147. IRRI 38552. Bandalbyeo. Cold tolerant. Cultivated. Seed.

452148. IRRI 4596. Bhusuri Sali. Leaf scald resistant. Cultivated. Seed.

452149. BKN6986-66-2. 79 IRDWON. IRTP deep water type. Cultivated. Seed.

452150. BKN7022-10-1-4. 79 IRDWON. IRTP deep water type. Cultivated. Seed.

452151. BPI Ri-2. 78 IRYN E. IRTP early maturity, high-yielding type. Cultivated. Seed.

452138 TO 452231-continued

- 452152. BR4. 79 RYT (IRTP SI). IRTP medium maturity, high-yielding type. Cultivated. Seed.
- 452153. BR51-46-5. 79 IRYN M. IRTP medium maturity, high-yielding type. Cultivated. Seed.
- 452154. BR51-46-1-C1. 79 IURON. IRTP early maturity, high-yielding type. Cultivated. Seed.
- 452155. Carreon. Blast resistant. Cultivated. Seed.
- 452156. IRRI 7291. Chung-Shan 3053. Stem rot resistant. Cultivated. Seed.
- 452157. CN 540. 78 IRDWON. IRTP deep water type. Cultivated. Seed.
- 452158. CNL 31. 78 IRDWON. IRTP deep water type. Cultivated. Seed.
- 452159. CNL 539. 78 IRDWON. IRTP deep water type. Cultivated. Seed.
- 452160. CR 126-42-5. IRCTN-64. Cold tolerant. Cultivated. Seed.
- 452161. IRRI 6517. Dholamon 658. Early elongation ability. Cultivated. Seed.
- 452162. IRRI 39258. Dumsiah 81. Cold tolerant. Cultivated. Seed.
- 452163. IRRI 39261. Firooz. Cold tolerant. Cultivated. Seed.
- 452164. IRRI 46967. Ggae Byeo. Cold tolerant. Cultivated. Seed.
- 452165. IRRI 6530. Gowai 38-13. Early elongation ability. Cultivated. Seed.
- 452166. IRRI 6575. Gowai 38-9. Early elongation ability. Cultivated. Seed.
- 452167. IRRI 38554. Gujungdo. Cold tolerant. Cultivated. Seed.
- 452168. IRRI 36827. Habiganj Boro 2. Cold tolerant. Cultivated. Seed.
- 452169. IRRI 11751. HBJ DW 8. Early elongation ability. Cultivated. Seed.
- 452170. HP 46. IRCTN-98. Cold tolerant. Cultivated. Seed.
- 452171. IRRI 39264. HP 46 (HPU 13). Cold tolerant. Cultivated. Seed.

452138 TO 452231-continued

452172. IRRI 6384. HR 33. Cold tolerant. Cultivated. Seed.
452173. IR10222-12-2. IRCTN-186. Cold tolerant. Cultivated. Seed.
452174. IR1905-81-3-1. Blast resistant. Cultivated. Seed.
452175. IR36. 79 IRTN E. IRTP early maturity, high-yielding type. Cultivated. Seed.
452176. IR43. HD 464. Cultivated. Seed.
452177. IR4422-98-3-6-1. 79 IRYN M. IRTP medium maturity, high-yielding type. Cultivated. Seed.
452178. IRRI 5518. IR4570-124-3-2-2-2. Sheath rot resistant. Cultivated. Seed.
452179. IRRI 8941. IR5467-2-2-2. Cold tolerant. Cultivated. Seed.
452180. IRRI 6427. IR5865-26-1-2. Cold tolerant. Cultivated. Seed.
452181. IR5867-50-3-2-2-1-1. IRCTN-111. Cold tolerant. Cultivated. Seed.
452182. IRRI 6228. IR8067-41. Zinc deficiency tolerant. Cultivated. Seed.
452183. IRRI 5529. IR9129-204-1-2. Sheath rot resistant. Cultivated. Seed.
452184. IR9202-22-3-2. IRCTN-151. Cold tolerant. Cultivated. Seed.
452185. IR9660-00948-1. Blast resistant. Cultivated. Seed.
452186. IRRI 5578. IR9830-36-1. Zinc deficiency tolerant. Cultivated. Seed.
452187. IRRI 17755. Jaliyah. Cold tolerant. Cultivated. Seed.
452188. IRRI 36691. Jo saeng-Tong-il. Cold tolerant. Cultivated. Seed.
452189. K140-52-3. IRCTN-116. Cold tolerant. Cultivated. Seed.
452190. K28-13-Bk-1-3-1-1. IRCTN-195. Cold tolerant. Cultivated. Seed.
452191. K30-82-B-1. IRCTN-196. Cold tolerant. Cultivated. Seed.
452192. K31-163-3 (Khudwani). IRCTN-223. Cold tolerant.

452138 TO 452231-continued

Cultivated. Seed.

452193. K39-96-1-1-1-2. IRCTN-197. Cold tolerant. Cultivated. Seed.
452194. IRRI 6534. Kalamon 113. Early elongation ability. Cultivated. Seed.
452195. IRRI 37666. Khama 49-2. Early elongation ability. Cultivated. Seed.
452196. IRRI 6504. Khama 49-8. Early elongation ability. Cultivated. Seed.
452197. IRRI 6582. Khama 55-22. Early elongation ability. Cultivated. Seed.
452198. IRRI 6740. Kn-1b-361-1-8-6-10 (RPKN-2). Cold tolerant. Cultivated. Seed.
452199. IRRI 15031. KU 91. Blast resistant. Cultivated. Seed.
452200. IRRI 14947. LAC 3. Blast resistant. Cultivated. Seed.
452201. IRRI 14963. LAC 45. Blast resistant. Cultivated. Seed.
452202. IRRI 14964. LAC 50. Blast resistant. Cultivated. Seed.
452203. IRRI 14950. LAC 7. Blast resistant. Cultivated. Seed.
452204. IRRI 36774. Madew. Cold tolerant. Cultivated. Seed.
452205. IRRI 6533. Matiamon 70. Early elongation ability. Cultivated. Seed.
452206. IRRI 6595. Matiamon 73-23. Early elongation ability. Cultivated. Seed.
452207. Matsu-mae. IRCTN-50. Cold tolerant. Cultivated. Seed.
452208. MCR 603-303. 79 IRYN E. IRTP early maturity, high-yielding type. Cultivated. Seed.
452209. IRRI 9047. MR346. Zinc deficiency tolerant. Cultivated. Seed.
452210. IRRI 19822. Naengdo 13. Cold tolerant. Cultivated. Seed.
452211. IRRI 22710. Nona Bokra. Salinity tolerant. Cultivated. Seed.
452212. IRRI 26757. Nonasail. Salinity tolerant. Cultivated. Seed.

452138 TO 452231-continued

452213. IRRI 46978. Olbyeo. Cold tolerant. Cultivated. Seed.
452214. P33-C-19 (HPU 67). IRCTN-110. Cold tolerant. Cultivated. Seed.
452215. IRRI 25569. Page Sampe Tuah. Cold tolerant. Cultivated. Seed.
452216. IRRI 6508. Paro White. Cold tolerant. Cultivated. Seed.
452217. IRRI 11626. Pho Kha. Cold tolerant. Cultivated. Seed.
452218. IRRI 15074. R 54. Blast resistant. Cultivated. Seed.
452219. Shao-nan-tsan. IRCTN-57. Cold tolerant. Cultivated. Seed.
452220. IRRI 2561. Shinriki. Stem rot resistant. Cultivated. Seed.
452221. IRRI 8242. Shuang-Chiang. Stem rot resistant. Cultivated. Seed.
452222. Silewah. CP 150. Cold tolerant. Cultivated. Seed.
452223. IRRI 46980. Stejaree 45. Cold tolerant. Cultivated. Seed.
452224. IRRI 7804. Suduwee. Sheath blight resistant. Cultivated. Seed.
452225. IRRI 26529. Sungail. Early elongation ability. Cultivated. Seed.
452226. IRRI 39536. Suweon 235. Cold tolerant. Cultivated. Seed.
452227. Taichung sen yu 195. 79 IRYN M. IRTP medium maturity, high-yielding type. Cultivated. Seed.
452228. IRRI 27636. Thankote Marsi. Cold tolerant. Cultivated. Seed.
452229. IRRI 14711. Tuan. Cold tolerant. Cultivated. Seed.
452230. IRRI 28482. Unnamed Shensi. Cold tolerant. Cultivated. Seed.
452231. IRRI 11057. W 1263. Stem rot resistant. Cultivated. Seed.

452232 TO 452247. *Setaria italica* (L.) Beauv. (Poaceae) Foxtail millet.

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad - 500 016, AP.

452232 TO 452247-continued
Received December 1980.

- 452232. Chang nung No. 15. China, Peoples Repub of. Cultivated. Seed.
- 452233. Hsing nung 691. China, Peoples Repub of. Cultivated. Seed.
- 452234. Kung-Ku No. 6. China, Peoples Repub of. Cultivated. Seed.
- 452235. Pei chiao No. 12. China, Peoples Repub of. Cultivated. Seed.
- 452236. Tsing feng No. 1. China, Peoples Repub of. Cultivated. Seed.
- 452237. ISE-188. Panicles long. Cultivated. Seed.
- 452238. ISE-191. Panicles long. Cultivated. Seed.
- 452239. ISE-308A. Panicles long. Cultivated. Seed.
- 452240. ISE-650-1. Cultivated. Seed.
- 452241. ISE-4828. Cultivated. Seed.
- 452242. SE-253 496. China, Peoples Repub of. Cultivated. Seed.
- 452243. SE-2722. Spikelets bristled. Cultivated. Seed.
- 452244. SE-IPM-1549. Lebanon. Cultivated. Seed.
- 452245. SE-IPM-1550. Lebanon. Cultivated. Seed.
- 452246. SE-IPM-1551. Lebanon. Cultivated. Seed.
- 452247. SE-IPM-1555. Lebanon. Cultivated. Seed.

452248 TO 452256. Zea mays L. (Poaceae) Field corn.

From China, Peoples Repub of. Crop Germplasm Research Institute,
Chinese Academy of Agricultural Sciences, Beijing.
Received through The 1979 Chinese Crop Germplasm
Resources Study Group.
Received September 1980.

- 452248. Dan Jiao 36. Cultivated. Seed.
- 452249. Dan Yu No. 6. Cultivated. Seed.
- 452250. Geng ke 1. Inbred line. Cultivated. Breeding Material. Seed.

452248 TO 452256-continued

452251. Lu dan No. 31. Cultivated. Seed.

452252. Lu yuan dan No.4. Cultivated. Seed.

452253. Qi 31. Inbred line. Cultivated. Breeding Material. Seed.

452254. Yan dan 149. Cultivated. Seed.

452255. Yan san No. 8. Cultivated. Seed.

452256. Zi 330. Inbred line. Cultivated. Breeding Material. Seed.

452257 TO 452259. Zea mays L. (Poaceae) Field corn.

From China, Peoples Repub of. Crop Germplasm Research Institute,
Chinese Academy of Agricultural Sciences, Beijing.

Received through Ferry Morse Seed Co.

Received September 1980.

452257. Jungden No. 2. Single cross. Cultivated. Seed.

452258. Peking No. 6. Single cross. Cultivated. Seed.

452259. Peking Early No. 7. Single cross. Cultivated. Seed.

452260. Secale vavilovii Grossh. (Poaceae).

From China, Peoples Repub of. Institute of Genetics, Academia
Sinica, Beijing. Received through D.R. Dewey, USDA Crops
Research Laboratory, Utah State Univ., Logan, Utah.

Received January 1981.

Soviet Union. Cultivated. Seed.

452261. Hordeum vulgare L. (Poaceae) Barley.

From China, Peoples Repub of. Fu Liu, Gansu Bureau of
Agriculture, Lanzhou, Gansu Province. Received through
D.R. Dewey, USDA Crops Research Laboratory, Utah State
Univ., Logan Utah.

Received January 1981.

Du-li-huang. Gannan County, Gansu Province. Uncovered
type. Cultivated. Seed.

452262 TO 452265. Triticum aestivum L. (Poaceae) Common wheat.

From China, Peoples Repub of. Fu Liu, Gansu Bureau of

452262 TO 452265-continued

Agriculture, Lanzhou, Gansu Province. Received through
D.R. Dewey, USDA Crops Research Laboratory, Utah State
Univ., Logan Utah.

Received January 1981.

452262. Bai-tu-tou. Mingchin County, Gansu Province. Annual.
Cultivated. Seed.

452263. Hong-guang-tou. Mingchin County, Gansu Province. Annual.
Cultivated. Seed.

452264. Hong-duan-mang. Mingchin County, Gansu Province. Annual.
Cultivated. Seed.

452265. Hong-hua-mai. Mingchin County, Gansu Province. Annual.
Cultivated. Seed.

452266. *Ilex crenata* Thunb. (Aquifoliaceae) Japanese holly.

From United States. United States National Arboretum, U. S.
Department of Agriculture, Washington, D.C.

Received January 1981.

NA 31352. 'Twiggy'. Female seedling selected in 1964 by
W. F. Kosar. Plants compact, globe-shaped, densely
branched. Shearing not required. Growth rate slow to
moderate. Leaves small, elliptic, dark green. Perennial
Woody. Cultivated. Plants.

452267. *Ipomoea batatas* (L.) Lam. (Convolvulaceae) Sweet potato.

From Guatemala. J. R. Prybot, Peace Corps, San Pedro La Laguna,
Solola.

Received January 1981.

Guatemala. University of San Carlos, San Carlos,
Guatemala. U.S.C. (Univ. of San Carlos Collection).
Cultivated. Roots.

452268 TO 452270. *Pennisetum americanum* (L.) Leeke (Poaceae) Pearl
millet.

From Soviet Union. N. I. Vavilov All-Union Institute of Plant
Industry, Leningrad. Code numbers refer to Delectus
Seminum 1978 - 1980.

Received September 1980.

452268. VIR 27150. Ostistoje 214. Received as *P. typhoideum*.
Cultivated. Seed.

452268 TO 452270-continued

452269. VIR 27151. Bezostoje 222. Received as *P. typhoideum*.
Cultivated. Seed.

452270. VIR 30683. Ranneje mestnoje. Received as *P. typhoideum*.
Cultivated. Seed.

452271 TO 452272. *Cenchrus ciliaris* L. (Poaceae) Buffelgrass.

From Kenya. FAO Forage Collection and Evaluation Project, Kitale.
Received through W.J. Kaiser, Div. of Quarantine
Services, Agr. Res. Inst., Nairobi, Kenya.
Received May 1978.

452271. FAO 408. Cultivated. Seed.

452272. FAO 7923-27. Cultivated. Seed.

452273 TO 452274. *Panicum coloratum* L. (Poaceae) Kleingrass.

From Kenya. FAO Forage Collection and Evaluation Project, Kitale.
Received through W.J. Kaiser, Div. of Quarantine
Services, Agr. Res. Inst., Nairobi, Kenya.
Received May 1978.

452273. FAO 1476. Cultivated. Seed.

452274. FAO 5712-16. Cultivated. Seed.

452275 TO 452277. *Oryza sativa* L. (Poaceae) Rice.

From Bangladesh. Bangladesh Rice Research Institute, Joydebpur,
Dacca.
Received January 1981.

452275. BG375-1. Cultivated. Seed.

452276. Chianungsen-yu-6. Cultivated. Seed.

452277. Mala. Cultivated. Seed.

452278 TO 452283. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.
Received January 1981.

452278. Echin Nan A. Cultivated. Seed.

452279. Echin Nan B. Cultivated. Seed.

452278 TO 452283-continued

452280. V20A. Cultivated. Seed.

452281. V20B. Cultivated. Seed.

452282. Zhen Shan 97A. Cultivated. Seed.

452283. Zhen Shan 97B. Cultivated. Seed.

452284. *Lycopersicon pimpinellifolium* (L.) Mill. (Solanaceae) Currant tomato.

From Honduras. R. J. Knight, USDA Subtropical Horticulture Research Unit, Miami, Florida.
Received September 1980.

M-26605. Collected August 20, 1980. East shore of Lake Yojoa, midway between Tegucigalpa and San Pedro Sula.
Wild. Seed.

452285. *Zinnia* sp. (Asteraceae).

From Honduras. R. J. Knight, USDA Subtropical Horticulture Research Unit, Miami, Florida.
Received September 1980.

M-26603. Collected August 17, 1980. Roadside in oak-pine forest S of Zambrana (N of Tamara, NW of Tegucigalpa).
Wild. Seed.

452286 TO 452293. *Elymus mollis* Trin. (Poaceae).

From Canada. A. Comeau, Research Station, Agriculture Canada, Sainte-Foy, Quebec G1V 2J3. Code numbers refer to collector designations.
Received January 1981.

452286. C-4. Collected October 22, 1980. Baie Comeau, Quebec. Received as *Elymus arenarius* f. sp. *villosus*. Collected by A. Comeau. Seed.

452287. C-5. Collected October 22, 1980. Colombier, Quebec. Received as *Elymus arenarius* f. sp. *villosus*. Collected by A. Comeau. Seed.

452288. C-8. Collected October 22, 1980. Tadoussac (Moulin a Bande), Quebec. Received as *Elymus arenarius* f. sp. *villosus*. Collected by A. Comeau. Seed.

452289. C-11. Collected October 22, 1980. St.-Tite des Caps,

452286 TO 452293-continued

near Quebec City, Quebec. Received as *Elymus arenarius* f. *sp. villosus*. Collected by A. Comeau. Seed.

452290. GP-1. Collected November 10, 1980. Grande Digue near Moncton, New Brunswick. Received as *Elymus arenarius* f. *sp. villosus*. Collected by G. Poulin, Moncton University, Moncton, N.B. Seed.

452291. PAY-1. Collected September 30, 1980. Lac a L'Eau Claire, near Poste La Baleine, Quebec. Received as *Elymus arenarius* f. *sp. villosus*. Collected by S. Payette, Laval University, Ste.-Foy, Quebec. Cold tolerant. Seed.

452292. PAY-3. Collected September 30, 1980. Poste La Baleine, Quebec. Received as *Elymus arenarius* f. *sp. villosus*. Collected by S. Payette, Laval University, Ste.-Foy, Quebec. Seed.

452293. W-1. Collected 1970. St.-Fabien, Co. Rimouski, Quebec. Received as *Elymus arenarius* f. *sp. villosus*. Seed.

452294. *Hordeum vulgare* L. (Poaceae) Barley.

From Australia. P. Portmann, Western Australia Department of Agriculture, South Perth, Western Australia.
Received February 1981.

Forrest. Cultivated. Seed.

452295 TO 452422. *Hordeum vulgare* L. (Poaceae) Barley.

From United Kingdom. Nickerson RPB Ltd., Joseph Nickerson Research Center, Rothwell, Lincoln LNT 6DT.
Received February 1981.

452295. STB 3. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452296. STB 4. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452297. STB 5. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452298. STB 6. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452299. STB 7. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452300. STB 8. Salt tolerant. Annual. Cultivated. Breeding

452295 TO 452422-continued
Material. Seed.

- 452301. STB 9. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452302. STB 10. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452303. STB 11. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452304. STB 12. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452305. STB 13. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452306. STB 14. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452307. STB 15. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452308. STB 16. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452309. STB 17. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452310. STB 18. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452311. STB 19. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452312. STB 20. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452313. STB 21. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452314. STB 22. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452315. STB 23. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452316. STB 24. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452317. STB 25. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452295 TO 452422-continued

- 452318. STB 26. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452319. STB 27. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452320. STB 28. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452321. STB 29. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452322. STB 30. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452323. STB 31. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452324. STB 32. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452325. STB 33. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452326. STB 34. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452327. STB 35. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452328. STB 36. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452329. STB 37. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452330. STB 38. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452331. STB 39. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452332. STB 40. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452333. STB 41. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452334. STB 42. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452335. STB 43. Salt tolerant. Annual. Cultivated. Breeding

452295 TO 452422-continued

Material. Seed.

- 452336. STB 44. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452337. STB 45. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452338. STB 46. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452339. STB 47. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452340. STB 48. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452341. STB 49. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452342. STB 50. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452343. STB 51. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452344. STB 52. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452345. STB 53. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452346. STB 54. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452347. STB 55. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452348. STB 56. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452349. STB 57. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452350. STB 58. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452351. STB 59. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452352. STB 60. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452295 TO 452422-continued

- 452353. STB 64. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452354. STB 65. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452355. STB 66. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452356. STB 67. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452357. STB 69. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452358. STB 70. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452359. STB 71. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452360. STB 73. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452361. STB 74. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452362. STB 75. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452363. STB 76. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452364. STB 77. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452365. STB 78. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452366. STB 79. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452367. STB 80. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452368. STB 81. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452369. STB 82. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452370. STB 83. Salt tolerant. Annual. Cultivated. Breeding

452295 TO 452422-continued

- Material. Seed.
452371. STB 84. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452372. STB 85. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452373. STB 86. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452374. STB 87. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452375. STB 88. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452376. STB 90. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452377. STB 91. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452378. STB 92. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452379. STB 93. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452380. STB 94. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452381. STB 95. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452382. STB 96. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452383. STB 97. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452384. STB 98. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452385. STB 101. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452386. STB 102. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452387. STB 103. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452295 TO 452422-continued

- 452388. STB 104. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452389. STB 105. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452390. STB 106. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452391. STB 107. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452392. STB 108. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452393. STB 109. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452394. STB 110. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452395. STB 111. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452396. STB 112. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452397. STB 113. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452398. STB 114. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452399. STB 115. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452400. STB 116. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452401. STB 117. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452402. STB 118. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452403. STB 119. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452404. STB 120. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
- 452405. STB 121. Salt tolerant. Annual. Cultivated. Breeding

452295 TO 452422-continued

- Material. Seed.
452406. STB 122. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452407. STB 123. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452408. STB 124. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452409. STB 125. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452410. STB 126. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452411. STB 127. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452412. STB 129. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452413. STB 130. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452414. STB 131. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452415. STB 132. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452416. STB 133. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452417. STB 134. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452418. STB 135. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452419. STB 136. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452420. STB 137. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452421. STB 138. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.
452422. STB 140. Salt tolerant. Annual. Cultivated. Breeding Material. Seed.

452423 TO 452429. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.
Received December 1980.

452423. CR 1006. IRTP. Cultivated. Seed.

452424. CR 1009. IRTP. Cultivated. Seed.

452425. IR3483-109-3-2-3. IRTP. Cultivated. Seed.

452426. IR9224-117-2. IRTP. Cultivated. Seed.

452427. IR9859-45-2. IRTP. Cultivated. Seed.

452428. MR 1. IRTP. Cultivated. Seed.

452429. PTB 33. IRTP. Cultivated. Seed.

452430. *Eremochloa ophiuroides* (Munro) Hack. (Poaceae) Centipede grass.

From China, Peoples Repub of. Shu-liang Hu, Hortus Botanicus
Pekinensis, Instituti Botanici Academiae Sinicae, Beijing.
Received February 1981.

Collected 1980. Wild. Seed.

452431. *Zea mays* L. (Poaceae) Field corn.

From Brazil. Centro Nacional de Recursos Geneticos, Empresa
Brasileira de Pesquisa Agropecuaria, CEP 70.000 -
Brasilia DF.
Received February 1980.

01201 030406. Pipoca Laranja 036-R1. Collected 1978.
Cultivated. Seed.

452432 TO 452433. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. D. W. Sunderman & R. K. Thompson,
USDA, Aberdeen Branch Experiment Station & Plant Sciences
Dept., University of Arizona, Aberdeen, ID & Mesa, AZ,
USA. Received through The 1980 U. S. Plant Germplasm Team
to People's Republic of China.
Received September 1980.

452432. ST-102. Collected August 14, 1980. Stone River State
Farm, Autonomous Region, NW of Urumqi, Xinjiang Province.
Originally from Manchuria. Cultivated. Seed.

452433. ST-103. Collected August 14, 1980. Stone River State

452432 TO 452433-continued

Farm, Autonomous Region, NW of Urumqi, Xinjiang Province.
Originally from Manchuria. Cultivated. Seed.

452434 TO 452435. *Beta vulgaris* L. (Chenopodiaceae) Sugarbeet.

From China, Peoples Repub of. T. J. Orton, 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 September 1980.

452434. O 126. Tien Yen No. 3. China, Peoples Repub of. Beijing.
Crop Germplasm Res. Inst., Chin. Acad. of Ag. Sci.
Collected August 20, 1980. Cultivated. Seed.

452435. O 127. Tien Yen No. 4. China, Peoples Repub of. Beijing.
Crop Germplasm Res. Inst., Chin. Acad. of Ag. Sci.
Collected August 20, 1980. Cultivated. Seed.

452436. *Fragaria virginiana* Duch. (Rosaceae) Virginia strawberry.

From United States. G. A. White, USDA, Plant Introduction Office,
Germplasm Resources Laboratory, Beltsville, MD.
Received February 1981.

Collected June 22, 1980. L. Thompson farm, E end
extended. Mouth of Monocacy Rd., Montgomery Co., MD.
Population large and diverse. Fruit size large to small.
Wild. Seed.

452437 TO 452445. *Medicago sativa* L. (Fabaceae) Alfalfa.

From United States. W. R. Kehr, USDA, University of Nebraska,
Lincoln, Nebraska. Received through 1980 Domestic -
Canada *Medicago* Germplasm Collection.
Received November 1980.

452437. KB-1. Collected July 23, 1980. West 3.2km, north 3.2km
of Pawnee City, Pawnee County, Nebraska. 363M. Lat. 40
deg. 10' N, long. 96 deg. 10' W. Donated by B. Jackson
and H. Thiemann. Thin stand on grazed knoll, 20-30 years
old. Cultivated. Seed.

452438. KB-2. Collected July 23, 1980. South 3.2km, west 1.6km
of Auburn, Nemaha County, Nebraska. 303M. Lat. 40 deg.
20' N, long. 95 deg. 50' W. Donated by E. Schlange.
Originally from Germany about 1880. Seed from 15 year old
stand. Cultivated. Seed.

452439. KB-3. Collected July 23, 1980. South, 4km of Sterling,

452437 TO 452445-continued

Johnson County, Nebraska. 359M. Lat. 40 deg. 26' N, long. 96 deg. 28' W. Donated by L. Engstrom. Grown 30 years. Seed from 13-year old stand. Local name Dakota 12. Cultivated. Seed.

452440. KB-4. Collected August 07, 1980. South, 10km of York, York County, Nebraska. 490M. Lat. 40 deg. 43' N, long. 97 deg. 32' W. Donated by B. Kaliff, R. L. Kaliff Ranchco. Grown for 60-70 years. Stand 25-30 years old. Cultivated. Seed.

452441. KB-5. Collected August 26, 1980. Friend, Saline County, Nebraska. 475M. Lat. 40 deg. 32' N, long. 97 deg. 20' W. Donated by D. Rasplicka. Ten-year old seed from 10-year old stand. Local name Dakota 12. Cultivated. Seed.

452442. KB-6. Collected August 29, 1980. West 3.2km, north 3.5km of Bradshaw, York County, Nebraska. 524M. Lat. 40 deg. 43' N, long. 97 deg. 35' W. Donated by R. Stuhr. Seeded in 1949. A lalfa-brome in a small draw. Used for hay. Cultivated. Seed.

452443. KB-7. Collected August 29, 1980. West 3.2km, north 1.6km of Bradshaw, York County, Nebraska. 524M. Lat. 40 deg. 43' N, long. 97 deg. 35' W. Seeded in 1950. Alfalfa-brome in field. Used for hay. Cultivated. Seed.

452444. KB-8. Collected August 29, 1980. South 1.6km, east 2.2km of Garland, Seward County, Nebraska. 476M. Lat. 40 deg. 51' N, long. 96 deg. 59' W. Donated by W. Spath. Seeded in 1955. Alfalfa-brome field. Cultivated. Seed.

452445. KB-9. 'Grimm'. Collected September 29, 1980. Crawford, Nebraska. 1120M. Lat. 42 deg. 40' N, long. 103 deg. 30' W. Donated by W. M. Hoffman. Thirty-five year old stand. Alfalfa and crested wheatgrass mixture used for hay. Cultivated. Seed.

452446 TO 452449. *Agropyron trachycaulum* (Link) Malte ex H. F. Lewis (Poaceae) Slender wheatgrass.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980 Domestic - Canada Medicago Germplasm Collection. Received September 1980.

452446. R-25. Collected August 18, 1980. Landing on Slave River, Ft. Fitzgerald, Alberta. 200M. Lat. 59 deg. 30' N, long. 111 deg. 50' W. Wild. Seed.

452447. R-27. Collected August 19, 1980. Steen River Bridge Public Campground, 5km north of Steen River, Alberta.

452446 TO 452449-continued

300M. Lat. 59 deg. 30' N, long. 117 deg. W. Wild. Seed.

452448. R-28. Collected August 20, 1980. Roadside rest stop, Highway 35, 10km north of Paddle Prairie, Alberta. 250M. Lat. 57 deg. 50' N, long. 117 deg. 30' W. Wild. Seed.

452449. R-29. Collected August 20, 1980. North, 5km of Hotchkiss, Alberta. 300M. Lat. 117 deg. 30' N, long. 56 deg. 50' W. Wild. Seed.

452450. *Astragalus americanus* (Hook.) M. E. Jones (Fabaceae) Milkvetch.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-33. Canada. Edmonton. Devonian Botanic Gardens, University of Alberta. Collected August 22, 1980. Five km southwest of Edmonton. 665M. Lat. 53 deg. 15' N, long. 113 deg. 30' W. Received as *Astragalus frigidus* var. *americanus*. Cultivated. Seed.

452451. *Astragalus cicer* L. (Fabaceae) Cicer milkvetch.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-19. Collected August 13, 1980. Road bank, Alcan Highway, 63km N of Ft. St. John, British Columbia. 700M. Lat. 56 deg. N, long. 121 deg. W. Few plants. Nodule sample. Seed.

452452. *Astragalus flexuosus* (Hook.) G. Don (Fabaceae) Flexile milkvetch.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-34. Canada. Edmonton. Devonian Botanic Gardens, University of Alberta. Collected August 22, 1980. Five km southwest of Edmonton. 665M. Lat. 53 deg. 15' N, long. 113 deg. 30' W. Cultivated. Seed.

452453. *Caragana arborescens* Lam. (Fabaceae) Siberian pea-tree.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-16. Collected August 12, 1980. Sand terrace of Peace R., L. Rutledge farm, 16km N of Hudson's Hope, B.C. 400M. Lat. 55 deg. 30' N, 122 deg. 30' W. Plants 3m tall. Cold tolerant. Wild. Seed.

452454. *Elymus canadensis* L. (Poaceae) Canada wildrye.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-30. Collected August 20, 1980. Waskahigan River and Hwy. 43, 2km NW of Little Smoky, Alberta. 500M. Lat. 54 deg. 30' N, long. 117 deg. 30' W. Wild. Seed.

452455. *Elymus innovatus* Beal (Poaceae).

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-27a. Collected August 19, 1980. Steen River Bridge Public Campground, 5km N of Steen River, Alberta. 300M. Lat. 59 deg. 30' N, long. 117 deg. 115' W. Wild. Seed.

452456. *Hedysarum alpinum* L. (Fabaceae).

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-32. Canada. Edmonton. Devonian Botanic Gardens, University of Alberta. Collected August 22, 1980. Five km southwest of Edmonton. 665M. Lat. 53 deg. 15' N, long. 113 deg. 30' W. Cultivated. Seed.

452457. *Linum lewisii* Pursh (Linaceae).

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980

452457-continued

Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-35. Canada. Edmonton. Devonian Botanic Gardens,
University of Alberta. Collected August 22, 1980. Five km
southwest of Edmonton. 665M. Lat. 53 deg. 15' N, long.
113 deg. 30' W. Cultivated. Seed.

452458. *Lotus corniculatus* L. (Fabaceae) Birdsfoot trefoil.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah
State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-14. Collected August 09, 1980. Old experimental farm,
5km E of Smithers, British Columbia. 500M. Lat. 54 deg.
N, long. 128 deg. W. Mixed with alfalfa. Origin unknown.
Cultivated. Seed.

452459. *Medicago lupulina* L. (Fabaceae) Black medic.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah
State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-10. Collected August 08, 1980. Roadside, 6km S of Lac
La Hache, British Columbia. 900M. Lat. 51 deg. N, long.
121 deg. W. Stems 1 m long. Nodule sample. Wild. Seed.

452460. *Medicago sativa* subsp. *falcata* (L.) Arc. (Fabaceae).

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah
State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-7. Collected August 07, 1980. NE, 5km of Research
Station Headquarters, Kamloops, British Columbia. 365M.
Lat. 50 deg. N, long. 120 deg. W. Seeding by Dr. Tisdale
in 1936. Two plants surviving. Received as *Medicago*
falcata. Cultivated. Seed.

452461 TO 452483. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah
State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.

452461 TO 452483-continued
Received September 1980.

452461. R-6. 'Turkestan'. Collected August 06, 1980. G. Landan farm, 1.5km N of Armstrong, British Columbia. 500M. Lat. 50 deg. N, long. 119 deg. W. Thirty-year old field, 1979 seed. Same type grown since 1915. Cultivated. Seed.
452462. R-8. Collected August 07, 1980. Five km NE of Research Station Headquarters, Kamloops, British Columbia. 365M. Lat. 50 deg. N, long. 120 deg. W. Seeding by Dr. Tisdale in 1936. Only 12 plants in field. Cultivated. Seed.
452463. R-9. Collected August 07, 1980. Kamloops Indian Reserve, 6km E of town, N of Thompson River, Kamloops, B.C. 415M. Lat. 50 deg. N, long. 120 deg. W. Abandoned breeding nursery. Nodule sample. Cultivated. Seed.
452464. R-13. Collected August 08, 1980. Mile 147, Highway 97, 2km S of Hixson, British Columbia. 750M. Lat. 52 deg. 30' N, long. 122 deg. W. Plants tall, tap-rooted. Stems coarse. Crowns narrow. Flowers blue-purple. Pods coiled. Nodule sample. Cultivated. Seed.
452465. R-17. 'Grimm' x 'Ladak'. Collected August 12, 1980. Sand terrace of Peace River, L. Rutledge farm, 16km N of Hudson's Hope, B.C. 400M. Lat. 55 deg. 30' N. long. 122 deg. 30' W. Plants 20-30 years old. Cold tolerant. Nodule sample. Cultivated. Seed.
452466. R-18. Collected August 12, 1980. Hillside, on L. Rutledge farm, 16km N of Hudson's Hope, British Columbia. 400-600M. Lat. 55 deg. 30' N, Long. 122 deg. 30' W. Plants abundant, escaped from 30-year old field. Traces back to a 60-year old 'Grimm' population. Cold tolerant. Nodule samples. Wild. Seed.
452467. R-20. Collected August 16, 1980. Hillside, near gravel road, Dunevegan Hudson Bay Post, British Columbia. 475M. Lat. 55 deg. N, long. 119 deg. W. Plants escaped from stand more than 25 years old. Plants erect, tap-rooted. Crowns narrow. Flowers 100% blue-purple. Nodule sample. Wild. Seed.
452468. R-21. Collected August 17, 1980. Site of old mission barn, Ft. Providence, North West Territories. 168M. Lat. 61 deg. 21' N, long. 117 deg. 40' W. Flowers neither yellow or green. Plants infected with *Phoma herbarvin*. Nodule sample. Wild. Seed.
452469. R-22. Collected August 18, 1980. Old mission land, 1/2km S of Ft. Resolution, North West Territories. 125M. Lat. 61 deg. 10' N, long. 113 deg. 40' W. Stand more than 30 years old. Plants tall, erect. One yellow-flowered plant.

452461 TO 452483-continued

Nodule sample. Wild. Seed.

452470. R-23. Collected August 18, 1980. Sandy soil. Former site of Brandin Coll., Ft. Smith, North West Territories. 175M. Lat. 60 deg. N, long. 111 deg. 53' W. Stand more than 25 years old. One pure purple-flowered population integrating with a highly variegated one. Nodule sample. Wild. Seed.
452471. R-24. Collected August 18, 1980. Trail, south of old ferry landing, Ft. Fitzgerald, Alberta. 200M. Lat. 59 deg. 30' N, long. 111 deg. 50' W. Stand more than 15 years old. Flowers highly variegated. Seeds immature and sparse. Nodule sample. Wild. Seed.
452472. R-26. 'Grimm'. Collected August 19, 1980. Field, 18km northwest of Ft. Vermillion, Alberta. 330M. Lat. 58 deg. 30' N, long. 116 deg. W. Seeds first obtained by the Ft. Vermilli on Experiment Station around 1930. Grown locally. Well nodulated. Nodule sample. Cultivated. Seed.
452473. R-31. Collected August 20, 1980. Campground by Fjord of the Waskahigan R., 2km NW of Little Smoky, Alberta. 500M. Lat. 54 deg. 30' N, long. 117 deg. 30' W. Nodule sample. Wild. Seed.
452474. R-36. Collected August 25, 1980. M. A. Gould farm, SW 1/4, Sec. 27, R6 T34, 8km south of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Field seeded in 1946. Cultivated. Seed.
452475. R-37. Collected August 25, 1980. G. Kropinske farm, NW 1/4, Sec. 34, R6 T34, 4km south of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Old stand. Flowers variegated. Cultivated. Seed.
452476. R-38. Collected August 25, 1980. G. Kropinske farm, NW 1/4, Sec. 34, R6 T34, 4km south of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Field seeded in 1930. Plants scattered. Nodule sample. Cultivated. Seed.
452477. R-39. Collected August 25, 1980. C. Fawcett farm, SE 1/4, Sec. 27, R6 T35, 2km north of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Former Consort Experiment Farm. Field seeded in 1935. Two plants with yellow flowers. Nodule sample. Cultivated. Seed.
452478. R-40. Collected August 25, 1980. E. & C. Fawcett farm, SE 1/4, Sec. 29, R6 T35, 3km NW of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Field seeded in 1945. Flowers variegated. Nodule sample. Cultivated. Seed.
452479. R-41. Collected August 25, 1980. G. Simkin farm, SW 1/4,

452461 TO 452483-continued

Sec. 28, R6 T34, 3km NW of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Field seeded in 1953. Flowers variegated. Nodule sample. Cultivated. Seed.

452480. R-42. Collected August 25, 1980. R. & J. Hansen farm, NW 1/4, Sec. 28, R6 T34, 4km NW of Consort, Alberta. 700M. Lat. 52 deg. N, long. 111 deg. W. Field seeded in 1948. Flowers highly variegated. Nodule sample. Cultivated. Seed.

452481. R-43. 'Ladak'. Collected August 26, 1980. Onefour, Alberta Research Station Relict Area, Onefour, Alberta. Lat. 49 deg. 5' N, long. 110 deg. 10' W. Field seeded in 1928 by S. E. Clark. Many plants with falcate pods. Nodule sample. Cultivated. Seed.

452482. R-44. 'Grimm'. Collected August 26, 1980. Heydlauff Ranch, 5km NE of Wild Horse, Alberta. Seed obtained in 1928. Reseeded afterwards. Pods tightly coiled. Nodule sample. Cultivated. Seed.

452483. R-53. 'Peace'. Canada. Beaverlodge, Alberta. Agriculture Canada, Research Station. Collected September 04, 1980. Donated by J. S. McKenzie. Cultivated. Seed.

452484. *Melilotus officinalis* Lam. (Fabaceae) Yellow sweetclover.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-15. Collected August 11, 1980. Mile 173, Hart Highway, 50km S of Chetwynd, British Columbia. 600M. Lat. 55 deg. N, long. 121 deg. W. Plants 2m tall. Early maturity. Soil pH 5.5. Nodule sample. Wild. Seed.

452485. *Trifolium aureum* Poll. (Fabaceae) Hop clover.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-11. Collected August 08, 1980. Highway 97, 10km south of Hixson, British Columbia. 750M. Lat. 52 deg. 30' N, long. 122 deg. W. Possibly an inadvertant mixture with *T. hybridum*. Used for road bank seeding. Received as *Trifolium agrarium*. Nodule sample. Wild. Seed.

452486. *Vicia americana* Muhl. ex Willd. (Fabaceae).

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980 Domestic - Canada Medicago Germplasm Collection. Received September 1980.

R-12. Collected August 08, 1980. Woods along Highway 97, 10km south of Hixson, British Columbia. 750M. Lat. 52 deg. 30' N, long. 122 deg. W. Many vigorous plants, climbing to 2m. Nodule sample. Cultivated. Seed.

452487. *Linum lewisii* Pursh (Linaceae).

From United States. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980 Domestic - Canada Medicago Germplasm Collection. Received September 1980.

R-48. Collected August 29, 1980. Highway 87, 6km northwest of Stanford, Montana. 1200M. Lat. 47 deg. N, long. 110 deg. 10' W. Wild. Seed.

452488. *Lupinus sericeus* Pursh (Fabaceae).

From United States. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980 Domestic - Canada Medicago Germplasm Collection. Received September 1980.

R-47. Collected August 29, 1980. Gravel road bank, Highway 87, 10km southeast of Geyser, Montana. 1220M. Lat. 47 deg. N, long. 110 deg. 30' W. Wild. Seed.

452489 TO 452498. *Medicago sativa* L. (Fabaceae) Alfalfa.

From United States. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980 Domestic - Canada Medicago Germplasm Collection. Received September 1980.

452489. R-1. 'Sevelra'. Collected July 30, 1980. Seven-L Ranch, 1.5km north to exit 71 on I-80, Mayfield, Idaho. 1150M. Lat. 44 deg. N, long. 116 deg. W. Forty-year old pasture. Plant badly dessicated. Grasshopper damage. Little seed. Wild. Seed.

452490. R-2. Collected August 02, 1980. P. Sutton farm, 5.6km

452489 TO 452498-continued

- south of Midvale, Idaho. 1000M. Lat. 44 deg. 30' N, long. 117 deg. W. Thirty-year old hayfield. Few variegated plants. Plants dessicated. Grasshopper damage. Possibly 'Ranger'. Cultivated. Seed.
452491. R-3. Collected August 02, 1980. W. Sutton farm, 8km northeast of Midvale, Idaho. 975M. Lat. 44 deg. 30' N, long. 117 deg. W. Forty-year old upland pasture. Plants mixed with crested and intermediate wheat grasses, and sage brush. Cultivated. Seed.
452492. R-4. Collected August 02, 1980. D. Guertner farm, 12km south of Midvale, Idaho. 1025M. Lat. 44 deg. 30' N, long. 117 deg. W. Thirty-year old pasture. Plants mixed with intermediate wheat grass. Pods coiled. Cultivated. Seed.
452493. R-5. Collected August 02, 1980. Milt Branch Ranch, 25km northeast of Midvale, Idaho. 1150M. Lat. 44 deg. 30' N, long. 117 deg. W. Twenty-eight year old pasture. Plants mixed with crested and intermediate wheat grass. Flowers variegated. Yield excellent. Possibly 'Ranger'. Cultivated. Seed.
452494. R-45. 'Orenberg'. Collected August 27, 1980. R. S. Turner Ranch, 50km north of Chester, Montana. 1000M. Lat. 48 deg. 50' N. long. 111 deg. W. Old stand. Invaded by *Agropyron cristatum*. Nodule sample. Cultivated. Seed.
452495. R-46. 'Cossack'. Collected August 28, 1980. Les Otness Ranch, SW 1/4, Sec. 8, T24N R4W, 5km NE of Choteau, Montana. 1100M. Field seeded in 1910. Flowers blue-purple. Seed scarce. Nodules scarce. Nodule sample. Cultivated. Seed.
452496. R-49. Collected August 29, 1980. T. Evans Ranch, 6km northwest of Stanford, Montana. 1200M. Lat. 47 deg. N, long. 110 deg. 10' W. Old stand spread over rangeland. Nodules scarce, small. Nodule sample. Cultivated. Seed.
452497. R-51. Collected August 29, 1980. Central Montana Agricultural Research Center, 2km W of Moccasin, Montana. 1323M. Lat. 47 deg. N, long. 110 deg. W. Field seeded in 1910. In crested wheatgrass. Flowers variegated. Few small nodules. Nodule sample. Cultivated. Seed.
452498. R-52. Collected August 29, 1980. Central Montana Agricultural Research Center, 2km W of Moccasin, Montana. 1323M. Lat. 47 deg. N, long. 110 deg. W. Field seeded in 1930 with crested wheatgrass. Used for hay. Flowers variegated. Nodules few, small. Nodule sample. Cultivated. Seed.

452499 TO 452501. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Canada. A. Toly, District Agriculturalist, Agriculture Canada, Claresholm, Alberta. Received through 1980 Domestic - Canada *Medicago* Germplasm Collection. Code numbers refer to M. D. Rumbaugh's collector numbers. Received December 1980.

452499. R-54. Collected December 05, 1980. M. Slovak farm, SW 30-13-26-W4, NE of Claresholm, Alberta. Rocky area with light soil. Plants more than 25 years old, scattered among bromegrass. Cultivated. Seed.
452500. R-55. Collected December 05, 1980. D. Leeds farm, SE 6-13-27-W4, NE of Claresholm, Alberta. *Agropyron desertorum* - alfalfa pasture seeded in 1932. Stand thin. Cultivated. Seed.
452501. R-56. 'Ladak'. Collected December 05, 1980. G. Chattaway farm, NE 2-16-2-W5, west of Nanton, Alberta. Seeded with creeping red fescue in 1954. Stand 50% in 1980. Used for pasture and hay. Cultivated. Seed.

452502 TO 457915. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Ethiopia. Brhane Gebrekidan, Ethiopian Sorghum Improvement Project, College of Agriculture, Addis Ababa University, Nazareth. Received through Centro Internacional de Mejoramiento de Maiz y Trigo/ICRISAT, Mexico. Code numbers refer to Ethiopian (ETS) local native types. Received September 1980.

452502. ETS 2000. CIMMYT. G3-1. Seeds red. Cultivated. Seed.
452503. ETS 2001. CIMMYT. G3-2-1. Seeds white. Cultivated. Seed.
452504. ETS 2001. CIMMYT. G3-2-2. Seeds white. Cultivated. Seed.
452505. ETS 2001. CIMMYT. G3-2-3. Seeds white. Cultivated. Seed.
452506. ETS 2002. CIMMYT. G3-3-1. Seeds white. Cultivated. Seed.
452507. ETS 2002. CIMMYT. G3-3-2. Seeds white. Cultivated. Seed.
452508. ETS 2002. CIMMYT. G3-3-3. Seeds white. Cultivated. Seed.
452509. ETS 2003. CIMMYT. G3-4-1. Seeds white. Cultivated. Seed.
452510. ETS 2003. CIMMYT. G3-4-2. Seeds white. Cultivated. Seed.
452511. ETS 2004. CIMMYT. G3-5-1. Seeds white. Cultivated. Seed.
452512. ETS 2004. CIMMYT. G3-5-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

452513. ETS 2004. CIMMYT. G3-5-3. Seeds white. Cultivated. Seed.
452514. ETS 2004. CIMMYT. G3-5-4. Seeds white. Cultivated. Seed.
452515. ETS 2007. CIMMYT. G3-7. Seeds red. Cultivated. Seed.
452516. ETS 2008. CIMMYT. G3-8. Seeds white. Cultivated. Seed.
452517. ETS 2010. CIMMYT. G3-9. Seeds white. Cultivated. Seed.
452518. ETS 2011. CIMMYT. G3-10. Endosperm yellow. Cultivated. Seed.
452519. ETS 2013. CIMMYT. G3-11-1. Seeds white. Cultivated. Seed.
452520. ETS 2013. CIMMYT. G3-11-2. Seeds white. Cultivated. Seed.
452521. ETS 2014. CIMMYT. G3-12-1. Seeds white. Cultivated. Seed.
452522. ETS 2014. CIMMYT. G3-12-2. Seeds white. Cultivated. Seed.
452523. ETS 2015-A. CIMMYT. G3-13. Seeds white. Cultivated. Seed.
452524. ETS 2015-B. CIMMYT. G3-14. Seeds white. Cultivated. Seed.
452525. ETS 2016. CIMMYT. G3-15. Seeds white. Cultivated. Seed.
452526. ETS 2017. CIMMYT. G3-16-1. Seeds bronze. Cultivated. Seed.
452527. ETS 2017. CIMMYT. G3-16-2. Seeds bronze. Cultivated. Seed.
452528. ETS 2017. CIMMYT. G3-16-3. Seeds bronze. Cultivated. Seed.
452529. ETS 2019. CIMMYT. G3-18-1. Seeds red. Cultivated. Seed.
452530. ETS 2019. CIMMYT. G3-18-2. Seeds red. Cultivated. Seed.
452531. ETS 2020. CIMMYT. G3-19. Seeds red. Cultivated. Seed.
452532. ETS 2024. CIMMYT. G3-21-1. Seeds white. Cultivated. Seed.
452533. ETS 2024. CIMMYT. G3-21-2. Seeds white. Cultivated. Seed.
452534. ETS 2025. CIMMYT. G3-22-1. Seeds white. Cultivated. Seed.
452535. ETS 2025. CIMMYT. G3-22-2. Seeds white. Cultivated. Seed.
452536. ETS 2027. CIMMYT. G3-23-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 452537. ETS 2027. CIMMYT. G3-23-2. Endosperm yellow. Cultivated. Seed.
- 452538. ETS 2028. CIMMYT. G3-24-1. Seeds white. Cultivated. Seed.
- 452539. ETS 2028. CIMMYT. G3-24-2. Seeds white. Cultivated. Seed.
- 452540. ETS 2028. CIMMYT. G3-24-3. Seeds white. Cultivated. Seed.
- 452541. ETS 2029. CIMMYT. G3-25-1. Endosperm yellow. Cultivated. Seed.
- 452542. ETS 2029. CIMMYT. G3-25-2. Endosperm yellow. Cultivated. Seed.
- 452543. ETS 2030. CIMMYT. G3-26-1. Endosperm yellow. Cultivated. Seed.
- 452544. ETS 2030. CIMMYT. G3-26-2. Endosperm yellow. Cultivated. Seed.
- 452545. ETS 2030. CIMMYT. G3-26-3. Endosperm yellow. Cultivated. Seed.
- 452546. ETS 2031. CIMMYT. G3-27-1. Endosperm yellow. Cultivated. Seed.
- 452547. ETS 2031. CIMMYT. G3-27-2. Endosperm yellow. Cultivated. Seed.
- 452548. ETS 2031. CIMMYT. G3-27-3. Endosperm yellow. Cultivated. Seed.
- 452549. ETS 2031. CIMMYT. G3-27-4. Endosperm yellow. Cultivated. Seed.
- 452550. ETS 2031. CIMMYT. G3-27-5. Endosperm yellow. Cultivated. Seed.
- 452551. ETS 2032. CIMMYT. G3-28-1. Endosperm yellow. Cultivated. Seed.
- 452552. ETS 2032. CIMMYT. G3-28-2. Endosperm yellow. Cultivated. Seed.
- 452553. ETS 2032. CIMMYT. G3-28-3. Endosperm yellow. Cultivated. Seed.
- 452554. ETS 2033. CIMMYT. G3-29. Endosperm yellow. Cultivated. Seed.
- 452555. ETS 2034. CIMMYT. G3-30. Endosperm yellow. Cultivated.

452502 TO 457915-continued

Seed.

452556. ETS 2037. CIMMYT. G3-33. Endosperm yellow. Cultivated.
Seed.
452557. ETS 2038. CIMMYT. G3-34-1. Seeds red. Cultivated. Seed.
452558. ETS 2038. CIMMYT. G3-34-2. Seeds red. Cultivated. Seed.
452559. ETS 2038. CIMMYT. G3-34-3. Seeds red. Cultivated. Seed.
452560. ETS 2040. CIMMYT. G3-36. Seeds bronze. Cultivated. Seed.
452561. ETS 2041. CIMMYT. G3-37. Seeds red. Cultivated. Seed.
452562. ETS 2042. CIMMYT. G3-38. Seeds red. Cultivated. Seed.
452563. ETS 2043. CIMMYT. G3-39-1. Seeds red. Cultivated. Seed.
452564. ETS 2043. CIMMYT. G3-39-2. Seeds red. Cultivated. Seed.
452565. ETS 2043. CIMMYT. G3-39-3. Seeds red. Cultivated. Seed.
452566. ETS 2044. CIMMYT. G3-40-1. Seeds bronze. Cultivated.
Seed.
452567. ETS 2044. CIMMYT. G3-40-2. Seeds bronze. Cultivated.
Seed.
452568. ETS 2044. CIMMYT. G3-40-3. Seeds bronze. Cultivated.
Seed.
452569. ETS 2044. CIMMYT. G3-40-4. Seeds bronze. Cultivated.
Seed.
452570. ETS 2045. CIMMYT. G3-41-1. Seeds white. Cultivated. Seed.
452571. ETS 2045. CIMMYT. G3-41-2. Seeds white. Cultivated. Seed.
452572. ETS 2045. CIMMYT. G3-41-3. Seeds white. Cultivated. Seed.
452573. ETS 2046. CIMMYT. G3-42-1. Seeds bronze. Cultivated.
Seed.
452574. ETS 2046. CIMMYT. G3-42-2. Seeds bronze. Cultivated.
Seed.
452575. ETS 2046. CIMMYT. G3-42-3. Seeds bronze. Cultivated.
Seed.
452576. ETS 2046. CIMMYT. G3-42-4. Seeds bronze. Cultivated.
Seed.

152502 TO 457915-continued

452577. ETS 2047. CIMMYT. G3-43-1. Seeds bronze. Cultivated. Seed.
452578. ETS 2047. CIMMYT. G3-43-2. Seeds bronze. Cultivated. Seed.
452579. ETS 2047. CIMMYT. G3-43-3. Seeds bronze. Cultivated. Seed.
452580. ETS 2049. CIMMYT. G3-44-1. Seeds red. Cultivated. Seed.
452581. ETS 2049. CIMMYT. G3-44-2. Seeds red. Cultivated. Seed.
452582. ETS 2049. CIMMYT. G3-44-3. Seeds red. Cultivated. Seed.
452583. ETS 2049. CIMMYT. G3-44-4. Seeds red. Cultivated. Seed.
452584. ETS 2051. CIMMYT. G3-46-1. Seeds bronze. Cultivated. Seed.
452585. ETS 2051. CIMMYT. G3-46-2. Seeds bronze. Cultivated. Seed.
452586. ETS 2052. CIMMYT. G3-47-1. Seeds bronze. Cultivated. Seed.
452587. ETS 2052. CIMMYT. G3-47-2. Seeds bronze. Cultivated. Seed.
452588. ETS 2052. CIMMYT. G3-47-3. Seeds bronze. Cultivated. Seed.
452589. ETS 2053. CIMMYT. G3-48-1. Seeds bronze. Cultivated. Seed.
452590. ETS 2053. CIMMYT. G3-48-2. Seeds bronze. Cultivated. Seed.
452591. ETS 2053. CIMMYT. G3-48-3. Seeds bronze. Cultivated. Seed.
452592. ETS 2054. CIMMYT. G3-49-1. Endosperm yellow. Cultivated. Seed.
452593. ETS 2054. CIMMYT. G3-49-2. Endosperm yellow. Cultivated. Seed.
452594. ETS 2055. CIMMYT. G3-50-1. Seeds bronze. Cultivated. Seed.
452595. ETS 2055. CIMMYT. G3-50-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

452596. ETS 2056. CIMMYT. G3-51-1. Seeds bronze. Cultivated. Seed.
452597. ETS 2056. CIMMYT. G3-51-2. Seeds bronze. Cultivated. Seed.
452598. ETS 2057. CIMMYT. G3-52-1. Seeds white. Cultivated. Seed.
452599. ETS 2057. CIMMYT. G3-52-2. Seeds white. Cultivated. Seed.
452600. ETS 2060. CIMMYT. G3-55-1. Seeds bronze. Cultivated. Seed.
452601. ETS 2060. CIMMYT. G3-55-2. Seeds bronze. Cultivated. Seed.
452602. ETS 2061. CIMMYT. G3-56-1. Seeds red. Cultivated. Seed.
452603. ETS 2061. CIMMYT. G3-56-2. Seeds red. Cultivated. Seed.
452604. ETS 2062. CIMMYT. G3-57-1. Seeds white. Cultivated. Seed.
452605. ETS 2062. CIMMYT. G3-57-2. Seeds white. Cultivated. Seed.
452606. ETS 2063. CIMMYT. G3-58-1. Seeds white. Cultivated. Seed.
452607. ETS 2063. CIMMYT. G3-58-2. Seeds white. Cultivated. Seed.
452608. ETS 2064. CIMMYT. G3-59. Seeds white. Cultivated. Seed.
452609. ETS 2065. CIMMYT. G3-60. Cultivated. Seed.
452610. ETS 2066. CIMMYT. G3-61-1. Endosperm yellow. Cultivated. Seed.
452611. ETS 2066. CIMMYT. G3-61-2. Endosperm yellow. Cultivated. Seed.
452612. ETS 2067. CIMMYT. G3-62-1. Seeds red. Cultivated. Seed.
452613. ETS 2067. CIMMYT. G3-62-2. Seeds red. Cultivated. Seed.
452614. ETS 2068. CIMMYT. G3-63-1. Seeds bronze. Cultivated. Seed.
452615. ETS 2068. CIMMYT. G3-63-2. Seeds bronze. Cultivated. Seed.
452616. ETS 2068. CIMMYT. G3-63-3. Seeds bronze. Cultivated. Seed.
452617. ETS 2069. CIMMYT. G3-64-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

452618. ETS 2069. CIMMYT. G3-64-2. Seeds bronze. Cultivated.
Seed.
452619. ETS 2069. CIMMYT. G3-64-3. Seeds bronze. Cultivated.
Seed.
452620. ETS 2070. CIMMYT. G3-65-1. Endosperm yellow. Cultivated.
Seed.
452621. ETS 2070. CIMMYT. G3-65-2. Endosperm yellow. Cultivated.
Seed. —
452622. ETS 2071. CIMMYT. G3-66-1. Seeds red. Cultivated. Seed.
452623. ETS 2071. CIMMYT. G3-66-2. Seeds red. Cultivated. Seed.
452624. ETS 2072. CIMMYT. G3-67-1. Endosperm yellow. Cultivated.
Seed.
452625. ETS 2072. CIMMYT. G3-67-2. Endosperm yellow. Cultivated.
Seed.
452626. ETS 2073. CIMMYT. G3-68-1. Endosperm yellow. Cultivated.
Seed.
452627. ETS 2073. CIMMYT. G3-68-2. Endosperm yellow. Cultivated.
Seed.
452628. ETS 2073. CIMMYT. G3-68-3. Endosperm yellow. Cultivated.
Seed.
452629. ETS 2074. CIMMYT. G3-69. Seeds white. Cultivated. Seed.
452630. ETS 2076. CIMMYT. G3-71-1. Seeds white. Cultivated. Seed.
452631. ETS 2076. CIMMYT. G3-71-2. Seeds white. Cultivated. Seed.
452632. ETS 2076. CIMMYT. G3-71-3. Seeds white. Cultivated. Seed.
452633. ETS 2077. CIMMYT. G3-72-1. Seeds white. Cultivated. Seed.
452634. ETS 2077. CIMMYT. G3-72-2. Seeds white. Cultivated. Seed.
452635. ETS 2078. CIMMYT. G3-73-1. Seeds white. Cultivated. Seed.
452636. ETS 2078. CIMMYT. G3-73-2. Seeds white. Cultivated. Seed.
452637. ETS 2078. CIMMYT. G3-73-3. Seeds white. Cultivated. Seed.
452638. ETS 2079. CIMMYT. G3-74-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

452639. ETS 2079. CIMMYT. G3-74-2. Seeds white. Cultivated. Seed.
452640. ETS 2081. CIMMYT. G3-76-1. Seeds white. Cultivated. Seed.
452641. ETS 2081. CIMMYT. G3-76-2. Seeds white. Cultivated. Seed.
452642. ETS 2082. CIMMYT. G3-77-1. Seeds white. Cultivated. Seed.
452643. ETS 2082. CIMMYT. G3-77-2. Seeds white. Cultivated. Seed.
452644. ETS 2083. CIMMYT. G3-78-1. Seeds white. Cultivated. Seed.
452645. ETS 2083. CIMMYT. G3-78-2. Seeds white. Cultivated. Seed.
452646. ETS 2084. CIMMYT. G3-79-1. Seeds white. Cultivated. Seed.
452647. ETS 2084. CIMMYT. G3-79-2. Seeds white. Cultivated. Seed.
452648. ETS 2085. CIMMYT. G3-80-1. Endosperm yellow. Cultivated.
Seed.
452649. ETS 2085. CIMMYT. G3-80-2. Endosperm yellow. Cultivated.
Seed.
452650. ETS 2087. CIMMYT. G3-82-1. Seeds white. Cultivated. Seed.
452651. ETS 2087. CIMMYT. G3-82-2. Seeds white. Cultivated. Seed.
452652. ETS 2089. CIMMYT. G3-83-1. Seeds white. Cultivated. Seed.
452653. ETS 2089. CIMMYT. G3-83-2. Seeds white. Cultivated. Seed.
452654. ETS 2090. CIMMYT. G3-84-1. Endosperm yellow. Cultivated.
Seed.
452655. ETS 2090. CIMMYT. G3-84-2. Endosperm yellow. Cultivated.
Seed.
452656. ETS 2091. CIMMYT. G3-85-1. Seeds red. Cultivated. Seed.
452657. ETS 2091. CIMMYT. G3-85-2. Seeds red. Cultivated. Seed.
452658. ETS 2092. CIMMYT. G3-86-1. Seeds white. Cultivated. Seed.
452659. ETS 2092. CIMMYT. G3-86-2. Seeds white. Cultivated. Seed.
452660. ETS 2092. CIMMYT. G3-86-3. Seeds white. Cultivated. Seed.
452661. ETS 2093-A. CIMMYT. G3-87-1. Seeds red. Cultivated. Seed.
452662. ETS 2093-A. CIMMYT. G3-87-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

452663. ETS 2093-B. CIMMYT. G3-88-1. Seeds red. Cultivated. Seed.
452664. ETS 2093-B. CIMMYT. G3-88-2. Seeds red. Cultivated. Seed.
452665. ETS 2094. CIMMYT. G3-89-1. Seeds red. Cultivated. Seed.
452666. ETS 2094. CIMMYT. G3-89-2. Seeds red. Cultivated. Seed.
452667. ETS 2095. CIMMYT. G3-90. Cultivated. Seed.
452668. ETS 2096. CIMMYT. G3-91-1. Seeds white. Cultivated. Seed.
452669. ETS 2096. CIMMYT. G3-91-2. Seeds white. Cultivated. Seed.
452670. ETS 2097. CIMMYT. G3-92. Endosperm yellow. Cultivated. Seed.
452671. ETS 2098. CIMMYT. G3-93-1. Seeds bronze. Cultivated. Seed.
452672. ETS 2098. CIMMYT. G3-93-2. Seeds bronze. Cultivated. Seed.
452673. ETS 2099. CIMMYT. G3-94-1. Seeds white. Cultivated. Seed.
452674. ETS 2099. CIMMYT. G3-94-2. Seeds white. Cultivated. Seed.
452675. ETS 2100. CIMMYT. G3-95-1. Seeds white. Cultivated. Seed.
452676. ETS 2100. CIMMYT. G3-95-2. Seeds white. Cultivated. Seed.
452677. ETS 2100. CIMMYT. G3-95-3. Seeds white. Cultivated. Seed.
452678. ETS 2102. CIMMYT. G3-96-1. Seeds white. Cultivated. Seed.
452679. ETS 2102. CIMMYT. G3-96-2. Seeds white. Cultivated. Seed.
452680. ETS 2103. CIMMYT. G3-97-1. Seeds white. Cultivated. Seed.
452681. ETS 2103. CIMMYT. G3-97-2. Seeds white. Cultivated. Seed.
452682. ETS 2103. CIMMYT. G3-97-3. Seeds white. Cultivated. Seed.
452683. ETS 2104. CIMMYT. G3-98-1. Seeds white. Cultivated. Seed.
452684. ETS 2104. CIMMYT. G3-98-2. Seeds white. Cultivated. Seed.
452685. ETS 2104. CIMMYT. G3-98-3. Seeds white. Cultivated. Seed.
452686. ETS 2107. CIMMYT. G3-100-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 452687. ETS 2107. CIMMYT. G3-100-2. Seeds white. Cultivated. Seed.
- 452688. ETS 2108. CIMMYT. G3-101-1. Seeds white. Cultivated. Seed.
- 452689. ETS 2108. CIMMYT. G3-101-2. Seeds white. Cultivated. Seed.
- 452690. ETS 2109. CIMMYT. G3-102-1. Seeds white. Cultivated. Seed.
- 452691. ETS 2109. CIMMYT. G3-102-2. Seeds white. Cultivated. Seed.
- 452692. ETS 2110. CIMMYT. G3-103-1. Endosperm yellow. Cultivated. Seed.
- 452693. ETS 2110. CIMMYT. G3-103-2. Endosperm yellow. Cultivated. Seed.
- 452694. ETS 2113. CIMMYT. G3-106-1. Seeds white. Cultivated. Seed.
- 452695. ETS 2113. CIMMYT. G3-106-2. Seeds white. Cultivated. Seed.
- 452696. ETS 2113. CIMMYT. G3-106-3. Seeds white. Cultivated. Seed.
- 452697. ETS 2114-A. CIMMYT. G3-107-1. Endosperm yellow. Cultivated. Seed.
- 452698. ETS 2114-A. CIMMYT. G3-107-2. Endosperm yellow. Cultivated. Seed.
- 452699. ETS 2114-B. CIMMYT. G3-108-1. Endosperm yellow. Cultivated. Seed.
- 452700. ETS 2114-B. CIMMYT. G3-108-2. Endosperm yellow. Cultivated. Seed.
- 452701. ETS 2115. CIMMYT. G3-109-1. Seeds red. Cultivated. Seed.
- 452702. ETS 2115. CIMMYT. G3-109-2. Seeds red. Cultivated. Seed.
- 452703. ETS 2115. CIMMYT. G3-109-3. Seeds red. Cultivated. Seed.
- 452704. ETS 2116-A. CIMMYT. G3-110. Seeds white. Cultivated. Seed.
- 452705. ETS 2116-B. CIMMYT. G3-111-1. Seeds white. Cultivated.

452502 TO 457915-continued

- Seed.
452706. ETS 2116-B. CIMMYT. G3-111-2. Seeds white. Cultivated. Seed.
452707. ETS 2117. CIMMYT. G3-112-1. Endosperm yellow. Cultivated. Seed.
452708. ETS 2117. CIMMYT. G3-112-2. Endosperm yellow. Cultivated. Seed.
452709. ETS 2117. CIMMYT. G3-112-3. Endosperm yellow. Cultivated. Seed.
452710. ETS 2118. CIMMYT. G3-113-1. Seeds bronze. Cultivated. Seed.
452711. ETS 2118. CIMMYT. G3-113-2. Seeds bronze. Cultivated. Seed.
452712. ETS 2119. CIMMYT. G3-114-1. Seeds white. Cultivated. Seed.
452713. ETS 2119. CIMMYT. G3-114-2. Seeds white. Cultivated. Seed.
452714. ETS 2119. CIMMYT. G3-114-3. Seeds white. Cultivated. Seed.
452715. ETS 2119. CIMMYT. G3-114-4. Seeds white. Cultivated. Seed.
452716. ETS 2120. CIMMYT. G3-115-1. Seeds white. Cultivated. Seed.
452717. ETS 2120. CIMMYT. G3-115-2. Seeds white. Cultivated. Seed.
452718. ETS 2121. CIMMYT. G3-116-1. Seeds white. Cultivated. Seed.
452719. ETS 2121. CIMMYT. G3-116-2. Seeds white. Cultivated. Seed.
452720. ETS 2122. CIMMYT. G3-117-1. Seeds white. Cultivated. Seed.
452721. ETS 2122. CIMMYT. G3-117-2. Seeds white. Cultivated. Seed.
452722. ETS 2123. CIMMYT. G3-118-1. Seeds white and bronze. Cultivated. Seed.

452502 TO 457915-continued

- 452723. ETS 2123. CIMMYT. G3-118-2. Seeds white and bronze. Cultivated. Seed.
- 452724. ETS 2125. CIMMYT. G3-120-1. Seeds bronze. Cultivated. Seed.
- 452725. ETS 2125. CIMMYT. G3-120-2. Seeds bronze. Cultivated. Seed.
- 452726. ETS 2126. CIMMYT. G3-121-1. Seeds red. Cultivated. Seed.
- 452727. ETS 2126. CIMMYT. G3-121-2. Seeds red. Cultivated. Seed.
- 452728. ETS 2128. CIMMYT. G3-122-1. Seeds white. Cultivated. Seed.
- 452729. ETS 2128. CIMMYT. G3-122-2. Seeds white. Cultivated. Seed.
- 452730. ETS 2128. CIMMYT. G3-122-3. Seeds white. Cultivated. Seed.
- 452731. ETS 2129. CIMMYT. G3-123-1. Seeds white. Cultivated. Seed.
- 452732. ETS 2129. CIMMYT. G3-123-2. Seeds white. Cultivated. Seed.
- 452733. ETS 2130. CIMMYT. G3-124-1. Seeds white. Cultivated. Seed.
- 452734. ETS 2130. CIMMYT. G3-124-2. Seeds white. Cultivated. Seed.
- 452735. ETS 2132. CIMMYT. G3-126-1. Seeds white. Cultivated. Seed.
- 452736. ETS 2132. CIMMYT. G3-126-2. Seeds white. Cultivated. Seed.
- 452737. ETS 2133. CIMMYT. G3-127. Seeds white. Cultivated. Seed.
- 452738. ETS 2134. CIMMYT. G3-128-1. Seeds red. Cultivated. Seed.
- 452739. ETS 2134. CIMMYT. G3-128-2. Seeds red. Cultivated. Seed.
- 452740. ETS 2135. CIMMYT. G3-129-1. Seeds white. Cultivated. Seed.
- 452741. ETS 2135. CIMMYT. G3-129-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

452742. ETS 2137. CIMMYT. G3-131-1. Seeds bronze. Cultivated. Seed.
452743. ETS 2137. CIMMYT. G3-131-2. Seeds bronze. Cultivated. Seed.
452744. ETS 2137. CIMMYT. G3-131-3. Seeds bronze. Cultivated. Seed.
452745. ETS 2138. CIMMYT. G3-132-1. Seeds white. Cultivated. Seed.
452746. ETS 2138. CIMMYT. G3-132-2. Seeds white. Cultivated. Seed.
452747. ETS 2138. CIMMYT. G3-132-3. Seeds white. Cultivated. Seed.
452748. ETS 2139. CIMMYT. G3-133-1. Seeds red. Cultivated. Seed.
452749. ETS 2139. CIMMYT. G3-133-2. Seeds red. Cultivated. Seed.
452750. ETS 2139. CIMMYT. G3-133-3. Seeds red. Cultivated. Seed.
452751. ETS 2140. CIMMYT. G3-134-1. Seeds white. Cultivated. Seed.
452752. ETS 2140. CIMMYT. G3-134-2. Seeds white. Cultivated. Seed.
452753. ETS 2140. CIMMYT. G3-134-3. Seeds white. Cultivated. Seed.
452754. ETS 2141. CIMMYT. G3-135-1. Seeds white. Cultivated. Seed.
452755. ETS 2141. CIMMYT. G3-135-2. Seeds white. Cultivated. Seed.
452756. ETS 2142. CIMMYT. G3-136-1. Seeds bronze. Cultivated. Seed.
452757. ETS 2142. CIMMYT. G3-136-2. Seeds bronze. Cultivated. Seed.
452758. ETS 2142. CIMMYT. G3-136-3. Seeds bronze. Cultivated. Seed.
452759. ETS 2143. CIMMYT. G3-137-1. Endosperm yellow. Cultivated. Seed.
452760. ETS 2143. CIMMYT. G3-137-2. Endosperm yellow. Cultivated.

452502 TO 457915-continued

Seed.

452761. ETS 2143. CIMMYT. G3-137-3. Endosperm yellow. Cultivated. Seed.
452762. ETS 2144. CIMMYT. G3-138-1. Seeds white. Cultivated. Seed.
452763. ETS 2144. CIMMYT. G3-138-2. Seeds white. Cultivated. Seed.
452764. ETS 2145. CIMMYT. G3-139-1. Seeds red. Cultivated. Seed.
452765. ETS 2145. CIMMYT. G3-139-2. Seeds red. Cultivated. Seed.
452766. ETS 2145. CIMMYT. G3-139-3. Seeds red. Cultivated. Seed.
452767. ETS 2146. CIMMYT. G3-140-1. Seeds white. Cultivated. Seed.
452768. ETS 2146. CIMMYT. G3-140-2. Seeds white. Cultivated. Seed.
452769. ETS 2146. CIMMYT. G3-140-3. Seeds white. Cultivated. Seed.
452770. ETS 2147. CIMMYT. G3-141-1. Endosperm yellow. Cultivated. Seed.
452771. ETS 2147. CIMMYT. G3-141-2. Endosperm yellow. Cultivated. Seed.
452772. ETS 2148. CIMMYT. G3-142-1. Seeds white. Cultivated. Seed.
452773. ETS 2148. CIMMYT. G3-142-2. Seeds white. Cultivated. Seed.
452774. ETS 2149. CIMMYT. G3-143-1. Seeds bronze. Cultivated. Seed.
452775. ETS 2149. CIMMYT. G3-143-2. Seeds bronze. Cultivated. Seed.
452776. ETS 2150. CIMMYT. G3-144-1. Seeds white and red. Cultivated. Seed.
452777. ETS 2150. CIMMYT. G3-144-2. Seeds white and red. Cultivated. Seed.
452778. ETS 2150. CIMMYT. G3-144-3. Seeds white and red. Cultivated. Seed.

452502 TO 457915-continued

- 452779. ETS 2151. CIMMYT. G3-145-1. Seeds red. Cultivated. Seed.
- 452780. ETS 2151. CIMMYT. G3-145-2. Seeds red. Cultivated. Seed.
- 452781. ETS 2152. CIMMYT. G3-146-1. Seeds white. Cultivated. Seed.
- 452782. ETS 2152. CIMMYT. G3-146-2. Seeds white. Cultivated. Seed.
- 452783. ETS 2152. CIMMYT. G3-146-3. Seeds white. Cultivated. Seed.
- 452784. ETS 2152. CIMMYT. G3-146-4. Seeds white. Cultivated. Seed.
- 452785. ETS 2154. CIMMYT. G3-148-1. Seeds white. Cultivated. Seed.
- 452786. ETS 2154. CIMMYT. G3-148-2. Seeds white. Cultivated. Seed.
- 452787. ETS 2154. CIMMYT. G3-148-3. Seeds white. Cultivated. Seed.
- 452788. ETS 2154. CIMMYT. G3-148-4. Seeds white. Cultivated. Seed.
- 452789. ETS 2156. CIMMYT. G3-150-1. Seeds white. Cultivated. Seed.
- 452790. ETS 2156. CIMMYT. G3-150-2. Seeds white. Cultivated. Seed.
- 452791. ETS 2156. CIMMYT. G3-150-3. Seeds white. Cultivated. Seed.
- 452792. ETS 2157. CIMMYT. G3-151-1. Seeds white. Cultivated. Seed.
- 452793. ETS 2157. CIMMYT. G3-151-2. Seeds white. Cultivated. Seed.
- 452794. ETS 2157. CIMMYT. G3-151-3. Seeds white. Cultivated. Seed.
- 452795. ETS 2158. CIMMYT. G3-152-1. Seeds white. Cultivated. Seed.
- 452796. ETS 2158. CIMMYT. G3-152-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

452797. ETS 2158. CIMMYT. G3-152-3. Seeds white. Cultivated. Seed.
452798. ETS 2158. CIMMYT. G3-152-4. Seeds white. Cultivated. Seed.
452799. ETS 2160. CIMMYT. G3-154. Seeds brown. Cultivated. Seed.
452800. ETS 2161. CIMMYT. G3-155-1. Seeds white and bronze. Cultivated. Seed.
452801. ETS 2161. CIMMYT. G3-155-2. Seeds white and bronze. Cultivated. Seed.
452802. ETS 2161. CIMMYT. G3-155-3. Seeds white and bronze. Cultivated. Seed.
452803. ETS 2163. CIMMYT. G3-157-1. Seeds white. Cultivated. Seed.
452804. ETS 2163. CIMMYT. G3-157-2. Seeds white. Cultivated. Seed.
452805. ETS 2163. CIMMYT. G3-157-3. Seeds white. Cultivated. Seed.
452806. ETS 2164. CIMMYT. G3-158. Seeds white. Cultivated. Seed.
452807. ETS 2165. CIMMYT. G3-159-1. Seeds red. Cultivated. Seed.
452808. ETS 2165. CIMMYT. G3-159-2. Seeds red. Cultivated. Seed.
452809. ETS 2165. CIMMYT. G3-159-3. Seeds red. Cultivated. Seed.
452810. ETS 2165. CIMMYT. G3-159-4. Seeds red. Cultivated. Seed.
452811. ETS 2166. CIMMYT. G3-160-1. Seeds white and red. Cultivated. Seed.
452812. ETS 2166. CIMMYT. G3-160-2. Seeds white and red. Cultivated. Seed.
452813. ETS 2166. CIMMYT. G3-160-3. Seeds white and red. Cultivated. Seed.
452814. ETS 2168. CIMMYT. G3-162-1. Seeds white. Cultivated. Seed.
452815. ETS 2168. CIMMYT. G3-162-2. Seeds white. Cultivated. Seed.
452816. ETS 2169. CIMMYT. G3-163-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

452817. ETS 2169. CIMMYT. G3-163-2. Seeds white. Cultivated.
Seed.
452818. ETS 2169. CIMMYT. G3-163-3. Seeds white. Cultivated.
Seed.
452819. ETS 2170. CIMMYT. G3-164-1. Seeds white. Cultivated.
Seed.
452820. ETS 2170. CIMMYT. G3-164-2. Seeds white. Cultivated.
Seed.
452821. ETS 2171. CIMMYT. G3-165-1. Seeds red. Cultivated. Seed.
452822. ETS 2171. CIMMYT. G3-165-2. Seeds red. Cultivated. Seed.
452823. ETS 2173. CIMMYT. G3-167-1. Seeds red. Cultivated. Seed.
452824. ETS 2173. CIMMYT. G3-167-2. Seeds red. Cultivated. Seed.
452825. ETS 2174. CIMMYT. G3-168-1. Seeds bronze. Cultivated.
Seed.
452826. ETS 2174. CIMMYT. G3-168-2. Seeds bronze. Cultivated.
Seed.
452827. ETS 2176. CIMMYT. G3-170-1. Seeds bronze. Cultivated.
Seed.
452828. ETS 2176. CIMMYT. G3-170-2. Seeds bronze. Cultivated.
Seed.
452829. ETS 2177. CIMMYT. G3-171-1. Seeds white. Cultivated.
Seed.
452830. ETS 2177. CIMMYT. G3-171-2. Seeds white. Cultivated.
Seed.
452831. ETS 2177. CIMMYT. G3-171-3. Seeds white. Cultivated.
Seed.
452832. ETS 2178. CIMMYT. G3-172-1. Seeds bronze. Cultivated.
Seed.
452833. ETS 2178. CIMMYT. G3-172-2. Seeds bronze. Cultivated.
Seed.
452834. ETS 2179. CIMMYT. G3-173-1. Seeds white. Cultivated.
Seed.
452835. ETS 2179. CIMMYT. G3-173-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

452836. ETS 2180. CIMMYT. G3-174-1. Seeds white. Cultivated. Seed.
452837. ETS 2180. CIMMYT. G3-174-2. Seeds white. Cultivated. Seed.
452838. ETS 2180. CIMMYT. G3-174-3. Seeds white. Cultivated. Seed.
452839. ETS 2181. CIMMYT. G3-175. Seeds white. Cultivated. Seed.
452840. ETS 2182. CIMMYT. G3-176-1. Seeds white. Cultivated. Seed.
452841. ETS 2182. CIMMYT. G3-176-2. Seeds white. Cultivated. Seed.
452842. ETS 2182. CIMMYT. G3-176-3. Seeds white. Cultivated. Seed.
452843. ETS 2183. CIMMYT. G3-177-1. Seeds red. Cultivated. Seed.
452844. ETS 2183. CIMMYT. G3-177-2. Seeds red. Cultivated. Seed.
452845. ETS 2183. CIMMYT. G3-177-3. Seeds red. Cultivated. Seed.
452846. ETS 2184. CIMMYT. G3-178-1. Seeds white. Cultivated. Seed.
452847. ETS 2184. CIMMYT. G3-178-2. Seeds white. Cultivated. Seed.
452848. ETS 2184. CIMMYT. G3-178-3. Seeds white. Cultivated. Seed.
452849. ETS 2185. CIMMYT. G3-179. Seeds red. Cultivated. Seed.
452850. ETS 2186. CIMMYT. G3-180-1. Seeds white. Endosperm yellow. Cultivated. Seed.
452851. ETS 2186. CIMMYT. G3-180-2. Seeds white. Endosperm yellow. Cultivated. Seed.
452852. ETS 2186. CIMMYT. G3-180-3. Seeds white. Endosperm yellow. Cultivated. Seed.
452853. ETS 2186. CIMMYT. G3-180-4. Seeds white. Endosperm yellow. Cultivated. Seed.
452854. ETS 2187. CIMMYT. G3-181-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 452855. ETS 2187. CIMMYT. G3-181-2. Seeds white. Cultivated. Seed.
- 452856. ETS 2187. CIMMYT. G3-181-3. Seeds white. Cultivated. Seed.
- 452857. ETS 2187. CIMMYT. G3-181-4. Seeds white. Cultivated. Seed.
- 452858. ETS 2188. CIMMYT. G3-182-1. Seeds white. Cultivated. Seed.
- 452859. ETS 2188. CIMMYT. G3-182-2. Seeds white. Cultivated. Seed.
- 452860. ETS 2189. CIMMYT. G3-189-1. Seeds white. Cultivated. Seed.
- 452861. ETS 2189. CIMMYT. G3-189-2. Seeds white. Cultivated. Seed.
- 452862. ETS 2189. CIMMYT. G3-189-3. Seeds white. Cultivated. Seed.
- 452863. ETS 2190. CIMMYT. G3-184-1. Seeds white. Cultivated. Seed.
- 452864. ETS 2190. CIMMYT. G3-184-2. Seeds white. Cultivated. Seed.
- 452865. ETS 2191. CIMMYT. G3-185-1. Seeds white. Cultivated. Seed.
- 452866. ETS 2191. CIMMYT. G3-185-2. Seeds white. Cultivated. Seed.
- 452867. ETS 2191. CIMMYT. G3-185-3. Seeds white. Cultivated. Seed.
- 452868. ETS 2191. CIMMYT. G3-185-4. Seeds white. Cultivated. Seed.
- 452869. ETS 2191. CIMMYT. G3-185-5. Seeds white. Cultivated. Seed.
- 452870. ETS 2192. CIMMYT. G3-186-1. Seeds white. Cultivated. Seed.
- 452871. ETS 2192. CIMMYT. G3-186-2. Seeds white. Cultivated. Seed.
- 452872. ETS 2193. CIMMYT. G3-187-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

452873. ETS 2193. CIMMYT. G3-187-2. Seeds white. Cultivated.
Seed.
452874. ETS 2195. CIMMYT. G3-189-1. Seeds white. Cultivated.
Seed.
452875. ETS 2195. CIMMYT. G3-189-2. Seeds white. Cultivated.
Seed.
452876. ETS 2197. CIMMYT. G3-191-1. Seeds white and red.
Cultivated. Seed.
452877. ETS 2197. CIMMYT. G3-191-2. Seeds white and red.
Cultivated. Seed.
452878. ETS 2197. CIMMYT. G3-191-3. Seeds white and red.
Cultivated. Seed.
452879. ETS 2197. CIMMYT. G3-191-4. Seeds white and red.
Cultivated. Seed.
452880. ETS 2198. CIMMYT. G3-192-1. Seeds white. Cultivated.
Seed.
452881. ETS 2198. CIMMYT. G3-192-2. Seeds white. Cultivated.
Seed.
452882. ETS 2198. CIMMYT. G3-192-3. Seeds white. Cultivated.
Seed.
452883. ETS 2199. CIMMYT. G3-193-1. Seeds bronze. Cultivated.
Seed.
452884. ETS 2199. CIMMYT. G3-193-2. Seeds bronze. Cultivated.
Seed.
452885. ETS 2200. CIMMYT. G3-194-1. Seeds red. Cultivated. Seed.
452886. ETS 2200. CIMMYT. G3-194-2. Seeds red. Cultivated. Seed.
452887. ETS 2201. CIMMYT. G3-195-1. Seeds red. Cultivated. Seed.
452888. ETS 2201. CIMMYT. G3-195-2. Seeds red. Cultivated. Seed.
452889. ETS 2202. CIMMYT. G3-196-1. Seeds red. Cultivated. Seed.
452890. ETS 2202. CIMMYT. G3-196-2. Seeds red. Cultivated. Seed.
452891. ETS 2203. CIMMYT. G3-197-1. Seeds red. Cultivated. Seed.
452892. ETS 2203. CIMMYT. G3-197-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

452893. ETS 2204. CIMMYT. G3-198-1. Seeds red. Cultivated. Seed.
452894. ETS 2204. CIMMYT. G3-198-2. Seeds red. Cultivated. Seed.
452895. ETS 2205. CIMMYT. G3-199. Seeds red. Cultivated. Seed.
452896. ETS 2206. CIMMYT. G3-200-1. Seeds red. Cultivated. Seed.
452897. ETS 2206. CIMMYT. G3-200-2. Seeds red. Cultivated. Seed.
452898. ETS 2207. CIMMYT. G3-201-1. Seeds red. Cultivated. Seed.
452899. ETS 2207. CIMMYT. G3-201-2. Seeds red. Cultivated. Seed.
452900. ETS 2208. CIMMYT. G3-202-1. Seeds red. Cultivated. Seed.
452901. ETS 2208. CIMMYT. G3-202-2. Seeds red. Cultivated. Seed.
452902. ETS 2209. CIMMYT. G3-203-1. Seeds red. Cultivated. Seed.
452903. ETS 2209. CIMMYT. G3-203-2. Seeds red. Cultivated. Seed.
452904. ETS 2209. CIMMYT. G3-203-3. Seeds red. Cultivated. Seed.
452905. ETS 2210. CIMMYT. G3-204-1. Seeds red. Cultivated. Seed.
452906. ETS 2210. CIMMYT. G3-204-2. Seeds red. Cultivated. Seed.
452907. ETS 2210. CIMMYT. G3-204-3. Seeds red. Cultivated. Seed.
452908. ETS 2211. CIMMYT. G3-205. Seeds red. Cultivated. Seed.
452909. ETS 2212. CIMMYT. G3-206-1. Seeds red. Cultivated. Seed.
452910. ETS 2212. CIMMYT. G3-206-2. Seeds red. Cultivated. Seed.
452911. ETS 2213. CIMMYT. G3-207-1. Seeds red. Cultivated. Seed.
452912. ETS 2213. CIMMYT. G3-207-2. Seeds red. Cultivated. Seed.
452913. ETS 2213. CIMMYT. G3-207-3. Seeds red. Cultivated. Seed.
452914. ETS 2214. CIMMYT. G3-208-1. Seeds white. Cultivated.
Seed.
452915. ETS 2214. CIMMYT. G3-208-2. Seeds white. Cultivated.
Seed.
452916. ETS 2215. CIMMYT. G3-209-1. Seeds bronze. Cultivated.
Seed.
452917. ETS 2215. CIMMYT. G3-209-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

452918. ETS 2216. CIMMYT. G3-210-1. Seeds red. Cultivated. Seed.
452919. ETS 2216. CIMMYT. G3-210-2. Seeds red. Cultivated. Seed.
452920. ETS 2217. CIMMYT. G3-211-1. Seeds red. Cultivated. Seed.
452921. ETS 2217. CIMMYT. G3-211-2. Seeds red. Cultivated. Seed.
452922. ETS 2217. CIMMYT. G3-211-3. Seeds red. Cultivated. Seed.
452923. ETS 2218. CIMMYT. G3-212. Seeds red. Cultivated. Seed.
452924. ETS 2219. CIMMYT. G3-213. Seeds white. Cultivated. Seed.
452925. ETS 2220. CIMMYT. G3-214. Seeds red. Cultivated. Seed.
452926. ETS 2221. CIMMYT. G3-215-1. Seeds red. Cultivated. Seed.
452927. ETS 2221. CIMMYT. G3-215-2. Seeds red. Cultivated. Seed.
452928. ETS 2222. CIMMYT. G3-216. Seeds red. Cultivated. Seed.
452929. ETS 2223. CIMMYT. G3-217-1. Seeds red. Cultivated. Seed.
452930. ETS 2223. CIMMYT. G3-217-2. Seeds red. Cultivated. Seed.
452931. ETS 2224. CIMMYT. G3-218. Seeds red. Cultivated. Seed.
452932. ETS 2225. CIMMYT. G3-219-1. Seeds red. Cultivated. Seed.
452933. ETS 2225. CIMMYT. G3-219-2. Seeds red. Cultivated. Seed.
452934. ETS 2225. CIMMYT. G3-219-3. Seeds red. Cultivated. Seed.
452935. ETS 2226. CIMMYT. G3-220. Seeds red. Cultivated. Seed.
452936. ETS 2227. CIMMYT. G3-221-1. Seeds red. Cultivated. Seed.
452937. ETS 2227. CIMMYT. G3-221-2. Seeds red. Cultivated. Seed.
452938. ETS 2228. CIMMYT. G3-222-1. Seeds red. Cultivated. Seed.
452939. ETS 2228. CIMMYT. G3-222-2. Seeds red. Cultivated. Seed.
452940. ETS 2229. CIMMYT. G3-223-1. Seeds red. Cultivated. Seed.
452941. ETS 2229. CIMMYT. G3-223-2. Seeds red. Cultivated. Seed.
452942. ETS 2230. CIMMYT. G3-224-1. Seeds red. Cultivated. Seed.
452943. ETS 2230. CIMMYT. G3-224-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 452944. ETS 2231. CIMMYT. G3-225-1. Seeds white. Cultivated. Seed.
- 452945. ETS 2231. CIMMYT. G3-225-2. Seeds white. Cultivated. Seed.
- 452946. ETS 2231. CIMMYT. G3-225-3. Seeds white. Cultivated. Seed.
- 452947. ETS 2232. CIMMYT. G3-226-1. Seeds bronze. Cultivated. Seed.
- 452948. ETS 2232. CIMMYT. G3-226-2. Seeds bronze. Cultivated. Seed.
- 452949. ETS 2232. CIMMYT. G3-226-3. Seeds bronze. Cultivated. Seed.
- 452950. ETS 2233. CIMMYT. G3-227-1. Seeds red. Cultivated. Seed.
- 452951. ETS 2233. CIMMYT. G3-227-2. Seeds red. Cultivated. Seed.
- 452952. ETS 2234. CIMMYT. G3-228-1. Seeds white. Cultivated. Seed.
- 452953. ETS 2234. CIMMYT. G3-228-2. Seeds white. Cultivated. Seed.
- 452954. ETS 2234. CIMMYT. G3-228-3. Seeds white. Cultivated. Seed.
- 452955. ETS 2235. CIMMYT. G3-229-1. Seeds white. Cultivated. Seed.
- 452956. ETS 2235. CIMMYT. G3-229-2. Seeds white. Cultivated. Seed.
- 452957. ETS 2236. CIMMYT. G3-230-1. Seeds red. Cultivated. Seed.
- 452958. ETS 2236. CIMMYT. G3-230-2. Seeds red. Cultivated. Seed.
- 452959. ETS 2237. CIMMYT. G3-231-1. Seeds red. Cultivated. Seed.
- 452960. ETS 2237. CIMMYT. G3-231-2. Seeds red. Cultivated. Seed.
- 452961. ETS 2237. CIMMYT. G3-231-3. Seeds red. Cultivated. Seed.
- 452962. ETS 2239. CIMMYT. G3-233-1. Seeds white. Cultivated. Seed.
- 452963. ETS 2239. CIMMYT. G3-233-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

452964. ETS 2240. CIMMYT. G3-234-1. Seeds red. Cultivated. Seed.
452965. ETS 2240. CIMMYT. G3-234-2. Seeds red. Cultivated. Seed.
452966. ETS 2241. CIMMYT. G3-235-1. Seeds red. Cultivated. Seed.
452967. ETS 2241. CIMMYT. G3-235-2. Seeds red. Cultivated. Seed.
452968. ETS 2242. CIMMYT. G3-236-1. Seeds white. Cultivated.
Seed.
452969. ETS 2242. CIMMYT. G3-236-2. Seeds white. Cultivated.
Seed.
452970. ETS 2242. CIMMYT. G3-236-3. Seeds white. Cultivated.
Seed.
452971. ETS 2242. CIMMYT. G3-236-4. Seeds white. Cultivated.
Seed.
452972. ETS 2243. CIMMYT. G3-237-1. Seeds white. Cultivated.
Seed.
452973. ETS 2243. CIMMYT. G3-237-2. Seeds white. Cultivated.
Seed.
452974. ETS 2243. CIMMYT. G3-237-3. Seeds white. Cultivated.
Seed.
452975. ETS 2243. CIMMYT. G3-237-4. Seeds white. Cultivated.
Seed.
452976. ETS 2244. CIMMYT. G3-238-1. Seeds white. Cultivated.
Seed.
452977. ETS 2244. CIMMYT. G3-238-2. Seeds white. Cultivated.
Seed.
452978. ETS 2245. CIMMYT. G3-239-1. Seeds white. Cultivated.
Seed.
452979. ETS 2245. CIMMYT. G3-239-2. Seeds white. Cultivated.
Seed.
452980. ETS 2246. CIMMYT. G3-240-1. Endosperm yellow. Cultivated.
Seed.
452981. ETS 2246. CIMMYT. G3-240-2. Endosperm yellow. Cultivated.
Seed.
452982. ETS 2246. CIMMYT. G3-240-3. Endosperm yellow. Cultivated.
Seed.

452502 TO 457915-continued

- 452983. ETS 2247. CIMMYT. G3-241-1. Seeds bronze. Cultivated. Seed.
- 452984. ETS 2247. CIMMYT. G3-241-2. Seeds bronze. Cultivated. Seed.
- 452985. ETS 2248. CIMMYT. G3-242-1. Seeds red. Cultivated. Seed.
- 452986. ETS 2248. CIMMYT. G3-242-2. Seeds red. Cultivated. Seed.
- 452987. ETS 2249. CIMMYT. G3-243-1. Seeds bronze. Cultivated. Seed.
- 452988. ETS 2249. CIMMYT. G3-243-2. Seeds bronze. Cultivated. Seed.
- 452989. ETS 2249. CIMMYT. G3-243-3. Seeds bronze. Cultivated. Seed.
- 452990. ETS 2250. CIMMYT. G3-244. Seeds red. Cultivated. Seed.
- 452991. ETS 2251. CIMMYT. G3-245-1. Seeds white. Cultivated. Seed.
- 452992. ETS 2251. CIMMYT. G3-245-2. Seeds white. Cultivated. Seed.
- 452993. ETS 2251. CIMMYT. G3-245-3. Seeds white. Cultivated. Seed.
- 452994. ETS 2252. CIMMYT. G3-246-1. Seeds white. Cultivated. Seed.
- 452995. ETS 2252. CIMMYT. G3-246-2. Seeds white. Cultivated. Seed.
- 452996. ETS 2252. CIMMYT. G3-246-3. Seeds white. Cultivated. Seed.
- 452997. ETS 2253. CIMMYT. G3-247-1. Seeds red. Cultivated. Seed.
- 452998. ETS 2253. CIMMYT. G3-247-2. Seeds red. Cultivated. Seed.
- 452999. ETS 2255. CIMMYT. G3-249-1. Seeds red. Cultivated. Seed.
- 453000. ETS 2255. CIMMYT. G3-249-2. Seeds red. Cultivated. Seed.
- 453001. ETS 2256. CIMMYT. G3-250-1. Seeds bronze. Cultivated. Seed.
- 453002. ETS 2256. CIMMYT. G3-250-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453003. ETS 2257. CIMMYT. G3-251-1. Seeds red. Cultivated. Seed.
- 453004. ETS 2257. CIMMYT. G3-251-2. Seeds red. Cultivated. Seed.
- 453005. ETS 2258. CIMMYT. G3-252-1. Seeds red. Cultivated. Seed.
- 453006. ETS 2258. CIMMYT. G3-252-2. Seeds red. Cultivated. Seed.
- 453007. ETS 2259. CIMMYT. G3-253-1. Seeds white. Cultivated.
Seed.
- 453008. ETS 2259. CIMMYT. G3-253-2. Seeds white. Cultivated.
Seed.
- 453009. ETS 2260-A. CIMMYT. G3-254-1. Seeds white. Cultivated.
Seed.
- 453010. ETS 2260-A. CIMMYT. G3-254-2. Seeds white. Cultivated.
Seed.
- 453011. ETS 2260-A. CIMMYT. G3-254-3. Seeds white. Cultivated.
Seed.
- 453012. ETS 2260-B. CIMMYT. G3-255-1. Seeds white. Cultivated.
Seed.
- 453013. ETS 2260-B. CIMMYT. G3-255-2. Seeds white. Cultivated.
Seed.
- 453014. ETS 2261. CIMMYT. G3-256-1. Seeds bronze. Cultivated.
Seed.
- 453015. ETS 2261. CIMMYT. G3-256-2. Seeds bronze. Cultivated.
Seed.
- 453016. ETS 2263. CIMMYT. G3-258-1. Seeds white. Endosperm
yellow. Cultivated. Seed.
- 453017. ETS 2263. CIMMYT. G3-258-2. Seeds white. Endosperm
yellow. Cultivated. Seed.
- 453018. ETS 2264. CIMMYT. G3-259. Seeds white. Cultivated. Seed.
- 453019. ETS 2265. CIMMYT. G3-260-1. Seeds bronze. Cultivated.
Seed.
- 453020. ETS 2265. CIMMYT. G3-260-2. Seeds bronze. Cultivated.
Seed.
- 453021. ETS 2266-A. CIMMYT. G3-261. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 453022. ETS 2266-B. CIMMYT. G3-262-1. Seeds bronze. Cultivated. Seed.
- 453023. ETS 2266-B. CIMMYT. G3-262-2. Seeds bronze. Cultivated. Seed.
- 453024. ETS 2268. CIMMYT. G3-264. Seeds white. Cultivated. Seed.
- 453025. ETS 2269. CIMMYT. G3-265-1. Seeds red. Cultivated. Seed.
- 453026. ETS 2269. CIMMYT. G3-265-2. Seeds red. Cultivated. Seed.
- 453027. ETS 2270. CIMMYT. G3-266-1. Seeds white. Cultivated. Seed.
- 453028. ETS 2270. CIMMYT. G3-266-2. Seeds white. Cultivated. Seed.
- 453029. ETS 2271. CIMMYT. G3-267-1. Seeds white. Cultivated. Seed.
- 453030. ETS 2271. CIMMYT. G3-267-2. Seeds white. Cultivated. Seed.
- 453031. ETS 2271. CIMMYT. G3-267-3. Seeds white. Cultivated. Seed.
- 453032. ETS 2272. CIMMYT. G3-268-1. Endosperm yellow. Cultivated. Seed.
- 453033. ETS 2272. CIMMYT. G3-268-2. Endosperm yellow. Cultivated. Seed.
- 453034. ETS 2272. CIMMYT. G3-268-3. Endosperm yellow. Cultivated. Seed.
- 453035. ETS 2273. CIMMYT. G3-269-1. Seeds white. Cultivated. Seed.
- 453036. ETS 2273. CIMMYT. G3-269-2. Seeds white. Cultivated. Seed.
- 453037. ETS 2273. CIMMYT. G3-269-3. Seeds white. Cultivated. Seed.
- 453038. ETS 2274. CIMMYT. G3-270-1. Seeds red. Cultivated. Seed.
- 453039. ETS 2274. CIMMYT. G3-270-2. Seeds red. Cultivated. Seed.
- 453040. ETS 2275. CIMMYT. G3-271-1. Seeds red. Cultivated. Seed.
- 453041. ETS 2275. CIMMYT. G3-271-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

453042. ETS 2276. CIMMYT. G3-272-1. Endosperm yellow. Cultivated. Seed.
453043. ETS 2276. CIMMYT. G3-272-2. Endosperm yellow. Cultivated. Seed.
453044. ETS 2277. CIMMYT. G3-273-1. Seeds white. Cultivated. Seed.
453045. ETS 2277. CIMMYT. G3-273-2. Seeds white. Cultivated. Seed.
453046. ETS 2277. CIMMYT. G3-273-3. Seeds white. Cultivated. Seed.
453047. ETS 2278. CIMMYT. G3-274-1. Seeds white. Cultivated. Seed.
453048. ETS 2278. CIMMYT. G3-274-2. Seeds white. Cultivated. Seed.
453049. ETS 2279. CIMMYT. G3-275-1. Seeds bronze. Cultivated. Seed.
453050. ETS 2279. CIMMYT. G3-275-2. Seeds bronze. Cultivated. Seed.
453051. ETS 2281. CIMMYT. G3-277-1. Seeds white. Cultivated. Seed.
453052. ETS 2281. CIMMYT. G3-277-2. Seeds white. Cultivated. Seed.
453053. ETS 2282. CIMMYT. G3-278-1. Seeds red. Cultivated. Seed.
453054. ETS 2282. CIMMYT. G3-278-2. Seeds red. Cultivated. Seed.
453055. ETS 2282. CIMMYT. G3-278-3. Seeds red. Cultivated. Seed.
453056. ETS 2282. CIMMYT. G3-278-4. Seeds red. Cultivated. Seed.
453057. ETS 2283. CIMMYT. G3-279-1. Seeds white. Cultivated. Seed.
453058. ETS 2283. CIMMYT. G3-279-2. Seeds white. Cultivated. Seed.
453059. ETS 2284. CIMMYT. G3-280-1. Seeds red. Cultivated. Seed.
453060. ETS 2284. CIMMYT. G3-280-2. Seeds red. Cultivated. Seed.
453061. ETS 2285. CIMMYT. G3-281-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 453062. ETS 2285. CIMMYT. G3-281-2. Seeds bronze. Cultivated. Seed.
- 453063. ETS 2285. CIMMYT. G3-281-3. Seeds bronze. Cultivated. Seed.
- 453064. ETS 2286. CIMMYT. G3-282-1. Seeds red. Cultivated. Seed.
- 453065. ETS 2286. CIMMYT. G3-282-2. Seeds red. Cultivated. Seed.
- 453066. ETS 2288. CIMMYT. G3-284-1. Seeds white. Cultivated. Seed.
- 453067. ETS 2288. CIMMYT. G3-284-2. Seeds white. Cultivated. Seed.
- 453068. ETS 2289. CIMMYT. G3-285-1. Seeds white. Cultivated. Seed.
- 453069. ETS 2289. CIMMYT. G3-285-2. Seeds white. Cultivated. Seed.
- 453070. ETS 2289. CIMMYT. G3-285-3. Seeds white. Cultivated. Seed.
- 453071. ETS 2289. CIMMYT. G3-285-4. Seeds white. Cultivated. Seed.
- 453072. ETS 2290. CIMMYT. G3-286-1. Seeds white. Cultivated. Seed.
- 453073. ETS 2290. CIMMYT. G3-286-2. Seeds white. Cultivated. Seed.
- 453074. ETS 2290. CIMMYT. G3-286-3. Seeds white. Cultivated. Seed.
- 453075. ETS 2291. CIMMYT. G3-287-1. Seeds white. Cultivated. Seed.
- 453076. ETS 2291. CIMMYT. G3-287-2. Seeds white. Cultivated. Seed.
- 453077. ETS 2292. CIMMYT. G3-288-1. Seeds white. Cultivated. Seed.
- 453078. ETS 2292. CIMMYT. G3-288-2. Seeds white. Cultivated. Seed.
- 453079. ETS 2293. CIMMYT. G3-289-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453080. ETS 2293. CIMMYT. G3-289-2. Seeds white. Cultivated. Seed.
453081. ETS 2294. CIMMYT. G3-290-1. Seeds white. Cultivated. Seed.
453082. ETS 2294. CIMMYT. G3-290-2. Seeds white. Cultivated. Seed.
453083. ETS 2295. CIMMYT. G3-291-1. Seeds white. Cultivated. Seed.
453084. ETS 2295. CIMMYT. G3-291-2. Seeds white. Cultivated. Seed.
453085. ETS 2297. CIMMYT. G3-293-1. Seeds red. Cultivated. Seed.
453086. ETS 2297. CIMMYT. G3-293-2. Seeds red. Cultivated. Seed.
453087. ETS 2298. CIMMYT. G3-294-1. Seeds red. Cultivated. Seed.
453088. ETS 2298. CIMMYT. G3-294-2. Seeds red. Cultivated. Seed.
453089. ETS 2298. CIMMYT. G3-294-3. Seeds red. Cultivated. Seed.
453090. ETS 2299. CIMMYT. G3-295. Seeds bronze. Cultivated. Seed.
453091. ETS 2300. CIMMYT. G3-296-1. Seeds white. Cultivated. Seed.
453092. ETS 2300. CIMMYT. G3-296-2. Seeds white. Cultivated. Seed.
453093. ETS 2301. CIMMYT. G3-297-1. Seeds white. Cultivated. Seed.
453094. ETS 2301. CIMMYT. G3-297-2. Seeds white. Cultivated. Seed.
453095. ETS 2302. CIMMYT. G3-298-1. Seeds red. Cultivated. Seed.
453096. ETS 2302. CIMMYT. G3-298-2. Seeds red. Cultivated. Seed.
453097. ETS 2302. CIMMYT. G3-298-3. Seeds red. Cultivated. Seed.
453098. ETS 2303. CIMMYT. G3-299-1. Seeds red. Cultivated. Seed.
453099. ETS 2303. CIMMYT. G3-299-2. Seeds red. Cultivated. Seed.
453100. ETS 2304. CIMMYT. G3-300-1. Seeds red. Cultivated. Seed.
453101. ETS 2304. CIMMYT. G3-300-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 453102. ETS 2304. CIMMYT. G3-300-3. Seeds red. Cultivated. Seed.
- 453103. ETS 2305. CIMMYT. G3-301-1. Seeds bronze. Cultivated. Seed.
- 453104. ETS 2305. CIMMYT. G3-301-2. Seeds bronze. Cultivated. Seed.
- 453105. ETS 2306. CIMMYT. G3-302-1. Seeds bronze. Cultivated. Seed.
- 453106. ETS 2306. CIMMYT. G3-302-2. Seeds bronze. Cultivated. Seed.
- 453107. ETS 2307. CIMMYT. G3-303-1. Seeds bronze. Cultivated. Seed.
- 453108. ETS 2307. CIMMYT. G3-303-2. Seeds bronze. Cultivated. Seed.
- 453109. ETS 2309. CIMMYT. G3-305-1. Seeds red. Cultivated. Seed.
- 453110. ETS 2309. CIMMYT. G3-305-2. Seeds red. Cultivated. Seed.
- 453111. ETS 2310. CIMMYT. G3-306-1. Seeds red. Cultivated. Seed.
- 453112. ETS 2310. CIMMYT. G3-306-2. Seeds red. Cultivated. Seed.
- 453113. ETS 2311. CIMMYT. G3-307. Seeds red. Cultivated. Seed.
- 453114. ETS 2314. CIMMYT. G3-310-1. Seeds white. Cultivated. Seed.
- 453115. ETS 2314. CIMMYT. G3-310-2. Seeds white. Cultivated. Seed.
- 453116. ETS 2316. CIMMYT. G3-311-1. Seeds red. Cultivated. Seed.
- 453117. ETS 2316. CIMMYT. G3-311-2. Seeds red. Cultivated. Seed.
- 453118. ETS 2316. CIMMYT. G3-311-3. Seeds red. Cultivated. Seed.
- 453119. ETS 2316. CIMMYT. G3-311-4. Seeds red. Cultivated. Seed.
- 453120. ETS 2317. CIMMYT. G3-312-1. Seeds bronze. Cultivated. Seed.
- 453121. ETS 2317. CIMMYT. G3-312-2. Seeds bronze. Cultivated. Seed.
- 453122. ETS 2317. CIMMYT. G3-312-3. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453123. ETS 2318. CIMMYT. G3-313. Seeds red. Cultivated. Seed.
- 453124. ETS 2319. CIMMYT. G3-314-1. Seeds red. Cultivated. Seed.
- 453125. ETS 2319. CIMMYT. G3-314-2. Seeds red. Cultivated. Seed.
- 453126. ETS 2319. CIMMYT. G3-314-3. Seeds red. Cultivated. Seed.
- 453127. ETS 2321. CIMMYT. G3-316-1. Seeds white. Cultivated. Seed.
- 453128. ETS 2321. CIMMYT. G3-316-2. Seeds white. Cultivated. Seed.
- 453129. ETS 2321. CIMMYT. G3-316-3. Seeds white. Cultivated. Seed.
- 453130. ETS 2321. CIMMYT. G3-316-4. Seeds white. Cultivated. Seed.
- 453131. ETS 2322. CIMMYT. G3-317-1. Seeds red. Cultivated. Seed.
- 453132. ETS 2322. CIMMYT. G3-317-2. Seeds red. Cultivated. Seed.
- 453133. ETS 2323. CIMMYT. G3-318-1. Seeds white. Cultivated. Seed.
- 453134. ETS 2323. CIMMYT. G3-318-2. Seeds white. Cultivated. Seed.
- 453135. ETS 2323. CIMMYT. G3-318-3. Seeds white. Cultivated. Seed.
- 453136. ETS 2324. CIMMYT. G3-319. Seeds white. Cultivated. Seed.
- 453137. ETS 2325. CIMMYT. G3-320-1. Seeds red. Cultivated. Seed.
- 453138. ETS 2325. CIMMYT. G3-320-2. Seeds red. Cultivated. Seed.
- 453139. ETS 2325. CIMMYT. G3-320-3. Seeds red. Cultivated. Seed.
- 453140. ETS 2326. CIMMYT. G3-321-1. Seeds bronze. Cultivated. Seed.
- 453141. ETS 2326. CIMMYT. G3-321-2. Seeds bronze. Cultivated. Seed.
- 453142. ETS 2327. CIMMYT. G3-322-1. Seeds red. Cultivated. Seed.
- 453143. ETS 2327. CIMMYT. G3-322-2. Seeds red. Cultivated. Seed.
- 453144. ETS 2327. CIMMYT. G3-322-3. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 453145. ETS 2328. CIMMYT. G3-323-1. Seeds bronze. Cultivated. Seed.
- 453146. ETS 2328. CIMMYT. G3-323-2. Seeds bronze. Cultivated. Seed.
- 453147. ETS 2329. CIMMYT. G3-324-1. Seeds bronze. Cultivated. Seed.
- 453148. ETS 2329. CIMMYT. G3-324-2. Seeds bronze. Cultivated. Seed.
- 453149. ETS 2330. CIMMYT. G3-325-1. Seeds white. Cultivated. Seed.
- 453150. ETS 2330. CIMMYT. G3-325-2. Seeds white. Cultivated. Seed.
- 453151. ETS 2330. CIMMYT. G3-325-3. Seeds white. Cultivated. Seed.
- 453152. ETS 2331. CIMMYT. G3-326-1. Seeds white. Cultivated. Seed.
- 453153. ETS 2331. CIMMYT. G3-326-2. Seeds white. Cultivated. Seed.
- 453154. ETS 2332. CIMMYT. G3-327-1. Seeds white. Cultivated. Seed.
- 453155. ETS 2332. CIMMYT. G3-327-2. Seeds white. Cultivated. Seed.
- 453156. ETS 2332. CIMMYT. G3-327-3. Seeds white. Cultivated. Seed.
- 453157. ETS 2332. CIMMYT. G3-327-4. Seeds white. Cultivated. Seed.
- 453158. ETS 2333. CIMMYT. G3-328-1. Seeds bronze. Cultivated. Seed.
- 453159. ETS 2333. CIMMYT. G3-328-2. Seeds bronze. Cultivated. Seed.
- 453160. ETS 2334. CIMMYT. G3-329-1. Endosperm yellow. Cultivated. Seed.
- 453161. ETS 2334. CIMMYT. G3-329-2. Endosperm yellow. Cultivated. Seed.
- 453162. ETS 2334. CIMMYT. G3-329-3. Endosperm yellow. Cultivated.

452502 TO 457915-continued

Seed.

- 453163. ETS 2335-A. CIMMYT. G3-330-1. Seeds white. Cultivated. Seed.
- 453164. ETS 2335-A. CIMMYT. G3-330-2. Seeds white. Cultivated. Seed.
- 453165. ETS 2336. CIMMYT. G3-332-1. Seeds red. Cultivated. Seed.
- 453166. ETS 2336. CIMMYT. G3-332-2. Seeds red. Cultivated. Seed.
- 453167. ETS 2337. CIMMYT. G3-333-1. Seeds bronze. Cultivated. Seed.
- 453168. ETS 2337. CIMMYT. G3-333-2. Seeds bronze. Cultivated. Seed.
- 453169. ETS 2338. CIMMYT. G3-334-1. Seeds white. Cultivated. Seed.
- 453170. ETS 2338. CIMMYT. G3-334-2. Seeds white. Cultivated. Seed.
- 453171. ETS 2338. CIMMYT. G3-334-3. Seeds white. Cultivated. Seed.
- 453172. ETS 2338. CIMMYT. G3-334-4. Seeds white. Cultivated. Seed.
- 453173. ETS 2339. CIMMYT. G3-335-1. Seeds white. Cultivated. Seed.
- 453174. ETS 2339. CIMMYT. G3-335-2. Seeds white. Cultivated. Seed.
- 453175. ETS 2339. CIMMYT. G3-335-3. Seeds white. Cultivated. Seed.
- 453176. ETS 2339. CIMMYT. G3-335-4. Seeds white. Cultivated. Seed.
- 453177. ETS 2341. CIMMYT. G3-337-1. Seeds white. Cultivated. Seed.
- 453178. ETS 2341. CIMMYT. G3-337-2. Seeds white. Cultivated. Seed.
- 453179. ETS 2341. CIMMYT. G3-337-3. Seeds white. Cultivated. Seed.
- 453180. ETS 2341. CIMMYT. G3-337-4. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453181. ETS 2342. CIMMYT. G3-338-1. Seeds red. Cultivated. Seed.
453182. ETS 2342. CIMMYT. G3-338-2. Seeds red. Cultivated. Seed.
453183. ETS 2342. CIMMYT. G3-338-3. Seeds red. Cultivated. Seed.
453184. ETS 2343. CIMMYT. G3-339-1. Seeds white. Cultivated.
Seed.
453185. ETS 2343. CIMMYT. G3-339-2. Seeds white. Cultivated.
Seed.
453186. ETS 2343. CIMMYT. G3-339-3. Seeds white. Cultivated.
Seed.
453187. ETS 2343. CIMMYT. G3-339-4. Seeds white. Cultivated.
Seed.
453188. ETS 2344. CIMMYT. G3-340-1. Seeds white. Cultivated.
Seed.
453189. ETS 2344. CIMMYT. G3-340-2. Seeds white. Cultivated.
Seed.
453190. ETS 2344. CIMMYT. G3-340-3. Seeds white. Cultivated.
Seed.
453191. ETS 2344. CIMMYT. G3-340-4. Seeds white. Cultivated.
Seed.
453192. ETS 2345. CIMMYT. G3-341-1. Seeds red. Cultivated. Seed.
453193. ETS 2345. CIMMYT. G3-341-2. Seeds red. Cultivated. Seed.
453194. ETS 2345. CIMMYT. G3-341-3. Seeds red. Cultivated. Seed.
453195. ETS 2346. CIMMYT. G3-342-1. Seeds bronze. Cultivated.
Seed.
453196. ETS 2346. CIMMYT. G3-342-2. Seeds bronze. Cultivated.
Seed.
453197. ETS 2346. CIMMYT. G3-342-3. Seeds bronze. Cultivated.
Seed.
453198. ETS 2347. CIMMYT. G3-343-1. Seeds white. Cultivated.
Seed.
453199. ETS 2347. CIMMYT. G3-343-2. Seeds white. Cultivated.
Seed.
453200. ETS 2347. CIMMYT. G3-343-3. Seeds white. Cultivated.

452502 TO 457915-continued

Seed.

- 453201. ETS 2348. CIMMYT. G3-344-1. Seeds white. Cultivated. Seed.
- 453202. ETS 2348. CIMMYT. G3-344-2. Seeds white. Cultivated. Seed.
- 453203. ETS 2348. CIMMYT. G3-344-3. Seeds white. Cultivated. Seed.
- 453204. ETS 2349. CIMMYT. G3-345-1. Endosperm yellow. Cultivated. Seed.
- 453205. ETS 2349. CIMMYT. G3-345-2. Endosperm yellow. Cultivated. Seed.
- 453206. ETS 2349. CIMMYT. G3-345-3. Endosperm yellow. Cultivated. Seed.
- 453207. ETS 2350. CIMMYT. G3-346-1. Seeds red. Cultivated. Seed.
- 453208. ETS 2350. CIMMYT. G3-346-2. Seeds red. Cultivated. Seed.
- 453209. ETS 2351. CIMMYT. G3-347-1. Endosperm yellow. Cultivated. Seed.
- 453210. ETS 2351. CIMMYT. G3-347-2. Endosperm yellow. Cultivated. Seed.
- 453211. ETS 2351. CIMMYT. G3-347-3. Endosperm yellow. Cultivated. Seed.
- 453212. ETS 2352. CIMMYT. G3-348-1. Endosperm yellow. Cultivated. Seed.
- 453213. ETS 2352. CIMMYT. G3-348-2. Endosperm yellow. Cultivated. Seed.
- 453214. ETS 2352. CIMMYT. G3-348-3. Endosperm yellow. Cultivated. Seed.
- 453215. ETS 2353. CIMMYT. G3-349-1. Seeds white. Cultivated. Seed.
- 453216. ETS 2353. CIMMYT. G3-349-2. Seeds white. Cultivated. Seed.
- 453217. ETS 2353. CIMMYT. G3-349-3. Seeds white. Cultivated. Seed.
- 453218. ETS 2353. CIMMYT. G3-349-4. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 453219. ETS 2355. CIMMYT. G3-350-1. Endosperm yellow. Cultivated. Seed.
- 453220. ETS 2355. CIMMYT. G3-350-2. Endosperm yellow. Cultivated. Seed.
- 453221. ETS 2356. CIMMYT. G3-351-1. Seeds white. Cultivated. Seed.
- 453222. ETS 2356. CIMMYT. G3-351-2. Seeds white. Cultivated. Seed.
- 453223. ETS 2356. CIMMYT. G3-351-3. Seeds white. Cultivated. Seed.
- 453224. ETS 2358. CIMMYT. G3-352-1. Endosperm yellow. Cultivated. Seed.
- 453225. ETS 2358. CIMMYT. G3-352-2. Endosperm yellow. Cultivated. Seed.
- 453226. ETS 2358. CIMMYT. G3-352-3. Endosperm yellow. Cultivated. Seed.
- 453227. ETS 2361. CIMMYT. G3-354. Seeds bronze. Cultivated. Seed.
- 453228. ETS 2363. CIMMYT. G3-356-1. Seeds white. Cultivated. Seed.
- 453229. ETS 2363. CIMMYT. G3-356-2. Seeds white. Cultivated. Seed.
- 453230. ETS 2364. CIMMYT. G3-357-1. Seeds white. Cultivated. Seed.
- 453231. ETS 2364. CIMMYT. G3-357-2. Seeds white. Cultivated. Seed.
- 453232. ETS 2365. CIMMYT. G3-358-1. Seeds white. Cultivated. Seed.
- 453233. ETS 2365. CIMMYT. G3-358-2. Seeds white. Cultivated. Seed.
- 453234. ETS 2365. CIMMYT. G3-358-3. Seeds white. Cultivated. Seed.
- 453235. ETS 2367. CIMMYT. G3-359-1. Seeds red. Cultivated. Seed.
- 453236. ETS 2367. CIMMYT. G3-359-2. Seeds red. Cultivated. Seed.
- 453237. ETS 2368. CIMMYT. G3-360-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 453238. ETS 2368. CIMMYT. G3-360-2. Seeds red. Cultivated. Seed.
- 453239. ETS 2369. CIMMYT. G3-361-1. Seeds red. Cultivated. Seed.
- 453240. ETS 2369. CIMMYT. G3-361-2. Seeds red. Cultivated. Seed.
- 453241. ETS 2370. CIMMYT. G3-362-1. Seeds red. Cultivated. Seed.
- 453242. ETS 2370. CIMMYT. G3-362-2. Seeds red. Cultivated. Seed.
- 453243. ETS 2371. CIMMYT. G3-363-1. Seeds red. Cultivated. Seed.
- 453244. ETS 2371. CIMMYT. G3-363-2. Seeds red. Cultivated. Seed.
- 453245. ETS 2371. CIMMYT. G3-363-3. Seeds red. Cultivated. Seed.
- 453246. ETS 2372. CIMMYT. G3-364-1. Endosperm yellow. Cultivated. Seed.
- 453247. ETS 2372. CIMMYT. G3-364-2. Endosperm yellow. Cultivated. Seed.
- 453248. ETS 2372. CIMMYT. G3-364-3. Endosperm yellow. Cultivated. Seed.
- 453249. ETS 2373-A. CIMMYT. G3-365-1. Seeds bronze. Cultivated. Seed.
- 453250. ETS 2373-A. CIMMYT. G3-365-2. Seeds bronze. Cultivated. Seed.
- 453251. ETS 2373-A. CIMMYT. G3-365-3. Seeds bronze. Cultivated. Seed.
- 453252. ETS 2373-B. CIMMYT. G3-366-1. Seeds bronze. Cultivated. Seed.
- 453253. ETS 2373-B. CIMMYT. G3-366-2. Seeds bronze. Cultivated. Seed.
- 453254. ETS 2374. CIMMYT. G3-367-1. Seeds bronze. Cultivated. Seed.
- 453255. ETS 2374. CIMMYT. G3-367-2. Seeds bronze. Cultivated. Seed.
- 453256. ETS 2375. CIMMYT. G3-368. Seeds white. Cultivated. Seed.
- 453257. ETS 2376. CIMMYT. G3-369-1. Endosperm yellow. Cultivated. Seed.
- 453258. ETS 2376. CIMMYT. G3-369-2. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

- 453259. ETS 2376. CIMMYT. G3-369-3. Endosperm yellow. Cultivated. Seed.
- 453260. ETS 2377. CIMMYT. G3-370-1. Seeds red. Cultivated. Seed.
- 453261. ETS 2377. CIMMYT. G3-370-2. Seeds red. Cultivated. Seed.
- 453262. ETS 2377. CIMMYT. G3-370-3. Seeds red. Cultivated. Seed.
- 453263. ETS 2378. CIMMYT. G3-371-1. Seeds white. Cultivated. Seed.
- 453264. ETS 2378. CIMMYT. G3-371-2. Seeds white. Cultivated. Seed.
- 453265. ETS 2378. CIMMYT. G3-371-3. Seeds white. Cultivated. Seed.
- 453266. ETS 2379. CIMMYT. G3-372. Seeds white. Cultivated. Seed.
- 453267. ETS 2380. CIMMYT. G3-373-1. Seeds white. Cultivated. Seed.
- 453268. ETS 2380. CIMMYT. G3-373-2. Seeds white. Cultivated. Seed.
- 453269. ETS 2381. CIMMYT. G3-374. Seeds bronze. Cultivated. Seed.
- 453270. ETS 2382. CIMMYT. G3-375. Seeds white. Cultivated. Seed.
- 453271. ETS 2383. CIMMYT. G3-376. Seeds white. Cultivated. Seed.
- 453272. ETS 2384. CIMMYT. G3-377. Seeds bronze. Cultivated. Seed.
- 453273. ETS 2385. CIMMYT. G3-378-1. Endosperm yellow. Cultivated. Seed.
- 453274. ETS 2385. CIMMYT. G3-378-2. Endosperm yellow. Cultivated. Seed.
- 453275. ETS 2386. CIMMYT. G3-379. Seeds bronze. Cultivated. Seed.
- 453276. ETS 2387. CIMMYT. G3-380-1. Seeds white. Cultivated. Seed.
- 453277. ETS 2387. CIMMYT. G3-380-2. Seeds white. Cultivated. Seed.
- 453278. ETS 2388. CIMMYT. G3-381-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453279. ETS 2388. CIMMYT. G3-381-2. Seeds bronze. Cultivated. Seed.
- 453280. ETS 2388. CIMMYT. G3-381-3. Seeds bronze. Cultivated. Seed.
- 453281. ETS 2389. CIMMYT. G3-382-1. Endosperm yellow. Cultivated. Seed.
- 453282. ETS 2389. CIMMYT. G3-382-2. Endosperm yellow. Cultivated. Seed.
- 453283. ETS 2389. CIMMYT. G3-382-3. Endosperm yellow. Cultivated. Seed.
- 453284. ETS 2390. CIMMYT. G3-383-1. Endosperm yellow. Cultivated. Seed.
- 453285. ETS 2390. CIMMYT. G3-383-2. Endosperm yellow. Cultivated. Seed.
- 453286. ETS 2390. CIMMYT. G3-383-3. Endosperm yellow. Cultivated. Seed.
- 453287. ETS 2391-A. CIMMYT. G3-384-1. Seeds bronze. Cultivated. Seed.
- 453288. ETS 2391-A. CIMMYT. G3-384-2. Seeds bronze. Cultivated. Seed.
- 453289. ETS 2391-A. CIMMYT. G3-384-3. Seeds bronze. Cultivated. Seed.
- 453290. ETS 2391-B. CIMMYT. G3-385-1. Endosperm yellow. Cultivated. Seed.
- 453291. ETS 2391-B. CIMMYT. G3-385-2. Endosperm yellow. Cultivated. Seed.
- 453292. ETS 2391-B. CIMMYT. G3-385-3. Endosperm yellow. Cultivated. Seed.
- 453293. ETS 2391-B. CIMMYT. G3-385-4. Endosperm yellow. Cultivated. Seed.
- 453294. ETS 2391-B. CIMMYT. G3-385-5. Endosperm yellow. Cultivated. Seed.
- 453295. ETS 2391-B. CIMMYT. G3-385-6. Endosperm yellow. Cultivated. Seed.
- 453296. ETS 2392. CIMMYT. G3-386. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 453297. ETS 2393. CIMMYT. G3-387-1. Seeds red. Cultivated. Seed.
- 453298. ETS 2393. CIMMYT. G3-387-2. Seeds red. Cultivated. Seed.
- 453299. ETS 2394. CIMMYT. G3-388-1. Seeds white. Cultivated. Seed.
- 453300. ETS 2394. CIMMYT. G3-388-2. Seeds white. Cultivated. Seed.
- 453301. ETS 2394. CIMMYT. G3-388-3. Seeds white. Cultivated. Seed.
- 453302. ETS 2395. CIMMYT. G3-389-1. Seeds white. Cultivated. Seed.
- 453303. ETS 2395. CIMMYT. G3-389-2. Seeds white. Cultivated. Seed.
- 453304. ETS 2395. CIMMYT. G3-389-3. Seeds white. Cultivated. Seed.
- 453305. ETS 2396. CIMMYT. G3-390-1. Seeds red. Cultivated. Seed.
- 453306. ETS 2396. CIMMYT. G3-390-2. Seeds red. Cultivated. Seed.
- 453307. ETS 2398. CIMMYT. G3-392. Seeds red. Cultivated. Seed.
- 453308. ETS 2399. CIMMYT. G3-393-1. Seeds white. Cultivated. Seed.
- 453309. ETS 2399. CIMMYT. G3-393-2. Seeds white. Cultivated. Seed.
- 453310. ETS 2400. CIMMYT. G3-394-1. Seeds red. Cultivated. Seed.
- 453311. ETS 2400. CIMMYT. G3-394-2. Seeds red. Cultivated. Seed.
- 453312. ETS 2401. CIMMYT. G3-395. Seeds red. Cultivated. Seed.
- 453313. ETS 2402. CIMMYT. G3-396-1. Seeds white. Cultivated. Seed.
- 453314. ETS 2402. CIMMYT. G3-396-2. Seeds white. Cultivated. Seed.
- 453315. ETS 2402. CIMMYT. G3-396-3. Seeds white. Cultivated. Seed.
- 453316. ETS 2403. CIMMYT. G3-397-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453317. ETS 2403. CIMMYT. G3-397-2. Seeds white. Cultivated. Seed.
453318. ETS 2406. CIMMYT. G3-400-1. Seeds red. Cultivated. Seed.
453319. ETS 2406. CIMMYT. G3-400-2. Seeds red. Cultivated. Seed.
453320. ETS 2407. CIMMYT. G3-401. Seeds white. Cultivated. Seed.
453321. ETS 2408. CIMMYT. G3-402-1. Endosperm yellow. Cultivated. Seed.
453322. ETS 2408. CIMMYT. G3-402-2. Endosperm yellow. Cultivated. Seed.
453323. ETS 2408. CIMMYT. G3-402-3. Endosperm yellow. Cultivated. Seed.
453324. ETS 2409. CIMMYT. G3-403-1. Seeds white. Cultivated. Seed.
453325. ETS 2409. CIMMYT. G3-403-2. Seeds white. Cultivated. Seed.
453326. ETS 2410. CIMMYT. G3-404-1. Seeds red. Cultivated. Seed.
453327. ETS 2410. CIMMYT. G3-404-2. Seeds red. Cultivated. Seed.
453328. ETS 2410. CIMMYT. G3-404-3. Seeds red. Cultivated. Seed.
453329. ETS 2411. CIMMYT. G3-405-1. Endosperm yellow. Cultivated. Seed.
453330. ETS 2411. CIMMYT. G3-405-2. Endosperm yellow. Cultivated. Seed.
453331. ETS 2411. CIMMYT. G3-405-3. Endosperm yellow. Cultivated. Seed.
453332. ETS 2412. CIMMYT. G3-406-1. Endosperm yellow. Cultivated. Seed.
453333. ETS 2412. CIMMYT. G3-406-2. Endosperm yellow. Cultivated. Seed.
453334. ETS 2412. CIMMYT. G3-406-3. Endosperm yellow. Cultivated. Seed.
453335. ETS 2413. CIMMYT. G3-407-1. Seeds red. Cultivated. Seed.
453336. ETS 2413. CIMMYT. G3-407-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 453337. ETS 2414. CIMMYT. G3-408-1. Seeds white. Cultivated. Seed.
- 453338. ETS 2414. CIMMYT. G3-408-2. Seeds white. Cultivated. Seed.
- 453339. ETS 2414. CIMMYT. G3-408-3. Seeds white. Cultivated. Seed.
- 453340. ETS 2415. CIMMYT. G3-409-1. Seeds red. Cultivated. Seed.
- 453341. ETS 2415. CIMMYT. G3-409-2. Seeds red. Cultivated. Seed.
- 453342. ETS 2415. CIMMYT. G3-409-3. Seeds red. Cultivated. Seed.
- 453343. ETS 2416. CIMMYT. G3-410-1. Seeds red. Cultivated. Seed.
- 453344. ETS 2416. CIMMYT. G3-410-2. Seeds red. Cultivated. Seed.
- 453345. ETS 2417. CIMMYT. G3-411-1. Endosperm yellow. Cultivated. Seed.
- 453346. ETS 2417. CIMMYT. G3-411-2. Endosperm yellow. Cultivated. Seed.
- 453347. ETS 2418. CIMMYT. G3-412. Endosperm yellow. Cultivated. Seed.
- 453348. ETS 2419. CIMMYT. G3-413-1. Seeds bronze. Cultivated. Seed.
- 453349. ETS 2419. CIMMYT. G3-413-2. Seeds bronze. Cultivated. Seed.
- 453350. ETS 2420. CIMMYT. G3-414-1. Seeds white. Cultivated. Seed.
- 453351. ETS 2420. CIMMYT. G3-414-2. Seeds white. Cultivated. Seed.
- 453352. ETS 2421. CIMMYT. G3-415-1. Endosperm yellow. Cultivated. Seed.
- 453353. ETS 2421. CIMMYT. G3-415-2. Endosperm yellow. Cultivated. Seed.
- 453354. ETS 2421. CIMMYT. G3-415-3. Endosperm yellow. Cultivated. Seed.
- 453355. ETS 2421. CIMMYT. G3-415-4. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

453356. ETS 2423. CIMMYT. G3-417-1. Seeds white. Cultivated. Seed.
453357. ETS 2423. CIMMYT. G3-417-2. Seeds white. Cultivated. Seed.
453358. ETS 2423. CIMMYT. G3-417-3. Seeds white. Cultivated. Seed.
453359. ETS 2424. CIMMYT. G3-418. Seeds white. Cultivated. Seed.
453360. ETS 2425. CIMMYT. G3-419-1. Seeds red. Cultivated. Seed.
453361. ETS 2425. CIMMYT. G3-419-2. Seeds red. Cultivated. Seed.
453362. ETS 2427. CIMMYT. G3-421. Seeds white. Cultivated. Seed.
453363. ETS 2429. CIMMYT. G3-423-1. Endosperm yellow. Cultivated. Seed.
453364. ETS 2429. CIMMYT. G3-423-2. Endosperm yellow. Cultivated. Seed.
453365. ETS 2429. CIMMYT. G3-423-3. Endosperm yellow. Cultivated. Seed.
453366. ETS 2430. CIMMYT. G3-424-1. Seeds white. Cultivated. Seed.
453367. ETS 2430. CIMMYT. G3-424-2. Seeds white. Cultivated. Seed.
453368. ETS 2432. CIMMYT. G3-426-1. Endosperm yellow. Cultivated. Seed.
453369. ETS 2432. CIMMYT. G3-426-2. Endosperm yellow. Cultivated. Seed.
453370. ETS 2432. CIMMYT. G3-426-3. Endosperm yellow. Cultivated. Seed.
453371. ETS 2433. CIMMYT. G3-427-1. Endosperm yellow. Cultivated. Seed.
453372. ETS 2433. CIMMYT. G3-427-2. Endosperm yellow. Cultivated. Seed.
453373. ETS 2434. CIMMYT. G3-428-1. Seeds white. Cultivated. Seed.
453374. ETS 2434. CIMMYT. G3-428-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453375. ETS 2435. CIMMYT. G3-429-1. Endosperm yellow. Cultivated. Seed.
453376. ETS 2435. CIMMYT. G3-429-2. Endosperm yellow. Cultivated. Seed.
453377. ETS 2435. CIMMYT. G3-429-3. Endosperm yellow. Cultivated. Seed.
453378. ETS 2436. CIMMYT. G3-430-1. Endosperm yellow. Cultivated. Seed.
453379. ETS 2436. CIMMYT. G3-430-2. Endosperm yellow. Cultivated. Seed.
453380. ETS 2437. CIMMYT. G3-431-1. Seeds white. Cultivated. Seed.
453381. ETS 2437. CIMMYT. G3-431-2. Seeds white. Cultivated. Seed.
453382. ETS 2439. CIMMYT. G3-433-1. Seeds white. Cultivated. Seed.
453383. ETS 2439. CIMMYT. G3-433-2. Seeds white. Cultivated. Seed.
453384. ETS 2440. CIMMYT. G3-434-1. Seeds bronze. Cultivated. Seed.
453385. ETS 2440. CIMMYT. G3-434-2. Seeds bronze. Cultivated. Seed.
453386. ETS 2441. CIMMYT. G3-435-1. Seeds bronze. Cultivated. Seed.
453387. ETS 2441. CIMMYT. G3-435-2. Seeds bronze. Cultivated. Seed.
453388. ETS 2441. CIMMYT. G3-435-3. Seeds bronze. Cultivated. Seed.
453389. ETS 2442. CIMMYT. G3-436-1. Seeds white. Cultivated. Seed.
453390. ETS 2442. CIMMYT. G3-436-2. Seeds white. Cultivated. Seed.
453391. ETS 2443. CIMMYT. G3-437-1. Seeds white. Cultivated. Seed.
453392. ETS 2443. CIMMYT. G3-437-2. Seeds white. Cultivated.

452502 TO 457915-continued

Seed.

453393. ETS 2443. CIMMYT. G3-437-3. Seeds white. Cultivated.
Seed.
453394. ETS 2444. CIMMYT. G3-438-1. Endosperm yellow. Cultivated.
Seed.
453395. ETS 2444. CIMMYT. G3-438-2. Endosperm yellow. Cultivated.
Seed.
453396. ETS 2444. CIMMYT. G3-438-3. Endosperm yellow. Cultivated.
Seed.
453397. ETS 2445. CIMMYT. G3-439-1. Endosperm yellow. Cultivated.
Seed.
453398. ETS 2445. CIMMYT. G3-439-2. Endosperm yellow. Cultivated.
Seed.
453399. ETS 2446. CIMMYT. G3-440-1. Endosperm yellow. Cultivated.
Seed.
453400. ETS 2446. CIMMYT. G3-440-2. Endosperm yellow. Cultivated.
Seed.
453401. ETS 2447. CIMMYT. G3-441-1. Endosperm yellow. Cultivated.
Seed.
453402. ETS 2447. CIMMYT. G3-441-2. Endosperm yellow. Cultivated.
Seed.
453403. ETS 2447. CIMMYT. G3-441-3. Endosperm yellow. Cultivated.
Seed.
453404. ETS 2448. CIMMYT. G3-442-1. Seeds white. Cultivated.
Seed.
453405. ETS 2448. CIMMYT. G3-442-2. Seeds white. Cultivated.
Seed.
453406. ETS 2448. CIMMYT. G3-442-3. Seeds white. Cultivated.
Seed.
453407. ETS 2449. CIMMYT. G3-443-1. Endosperm yellow. Cultivated.
Seed.
453408. ETS 2449. CIMMYT. G3-443-2. Endosperm yellow. Cultivated.
Seed.
453409. ETS 2450. CIMMYT. G3-444-1. Seeds red. Cultivated. Seed.
453410. ETS 2450. CIMMYT. G3-444-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

453411. ETS 2451. CIMMYT. G3-445-1. Seeds red. Cultivated. Seed.
453412. ETS 2451. CIMMYT. G3-445-2. Seeds red. Cultivated. Seed.
453413. ETS 2453. CIMMYT. G3-446-1. Seeds bronze. Cultivated. Seed.
453414. ETS 2453. CIMMYT. G3-446-2. Seeds bronze. Cultivated. Seed.
453415. ETS 2454. CIMMYT. G3-447-1. Seeds red. Cultivated. Seed.
453416. ETS 2454. CIMMYT. G3-447-2. Seeds red. Cultivated. Seed.
453417. ETS 2455. CIMMYT. G3-448. Endosperm yellow. Cultivated. Seed.
453418. ETS 2456. CIMMYT. G3-449-1. Endosperm yellow. Cultivated. Seed.
453419. ETS 2456. CIMMYT. G3-449-2. Endosperm yellow. Cultivated. Seed.
453420. ETS 2456. CIMMYT. G3-449-3. Endosperm yellow. Cultivated. Seed.
453421. ETS 2457. CIMMYT. G3-450-1. Endosperm yellow. Cultivated. Seed.
453422. ETS 2457. CIMMYT. G3-450-2. Endosperm yellow. Cultivated. Seed.
453423. ETS 2458. CIMMYT. G3-451-1. Seeds white. Cultivated. Seed.
453424. ETS 2458. CIMMYT. G3-451-2. Seeds white. Cultivated. Seed.
453425. ETS 2458. CIMMYT. G3-451-3. Seeds white. Cultivated. Seed.
453426. ETS 2459. CIMMYT. G3-452-1. Endosperm yellow. Cultivated. Seed.
453427. ETS 2459. CIMMYT. G3-452-2. Endosperm yellow. Cultivated. Seed.
453428. ETS 2459. CIMMYT. G3-452-3. Endosperm yellow. Cultivated. Seed.
453429. ETS 2461. CIMMYT. G3-453-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453430. ETS 2461. CIMMYT. G3-453-2. Seeds white. Cultivated.
Seed.
453431. ETS 2462. CIMMYT. G3-454-1. Seeds red. Cultivated. Seed.
453432. ETS 2462. CIMMYT. G3-454-2. Seeds red. Cultivated. Seed.
453433. ETS 2462. CIMMYT. G3-454-3. Seeds red. Cultivated. Seed.
453434. ETS 2463. CIMMYT. G3-455-1. Seeds white. Cultivated.
Seed.
453435. ETS 2463. CIMMYT. G3-455-2. Seeds white. Cultivated.
Seed.
453436. ETS 2464. CIMMYT. G3-456-1. Endosperm yellow. Cultivated.
Seed.
453437. ETS 2464. CIMMYT. G3-456-2. Endosperm yellow. Cultivated.
Seed.
453438. ETS 2464. CIMMYT. G3-456-3. Endosperm yellow. Cultivated.
Seed.
453439. ETS 2465. CIMMYT. G3-457-1. Seeds red. Cultivated. Seed.
453440. ETS 2465. CIMMYT. G3-457-2. Seeds red. Cultivated. Seed.
453441. ETS 2467. CIMMYT. G3-459-1. Seeds bronze. Cultivated.
Seed.
453442. ETS 2467. CIMMYT. G3-459-2. Seeds bronze. Cultivated.
Seed.
453443. ETS 2467. CIMMYT. G3-459-3. Seeds bronze. Cultivated.
Seed.
453444. ETS 2468. CIMMYT. G3-460-1. Seeds red. Cultivated. Seed.
453445. ETS 2468. CIMMYT. G3-460-2. Seeds red. Cultivated. Seed.
453446. ETS 2469. CIMMYT. G3-461-1. Seeds red. Cultivated. Seed.
453447. ETS 2469. CIMMYT. G3-461-2. Seeds red. Cultivated. Seed.
453448. ETS 2470. CIMMYT. G3-462-1. Seeds white. Cultivated.
Seed.
453449. ETS 2470. CIMMYT. G3-462-2. Seeds white. Cultivated.
Seed.
453450. ETS 2471. CIMMYT. G3-463-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

453451. ETS 2471. CIMMYT. G3-463-2. Seeds red. Cultivated. Seed.
453452. ETS 2472. CIMMYT. G3-464-1. Seeds white. Cultivated. Seed.
453453. ETS 2472. CIMMYT. G3-464-2. Seeds white. Cultivated. Seed.
453454. ETS 2473. CIMMYT. G3-465. Endosperm yellow. Cultivated. Seed.
453455. ETS 2474. CIMMYT. G3-466-1. Endosperm yellow. Cultivated. Seed.
453456. ETS 2474. CIMMYT. G3-466-2. Endosperm yellow. Cultivated. Seed.
453457. ETS 2474. CIMMYT. G3-466-3. Endosperm yellow. Cultivated. Seed.
453458. ETS 2475. CIMMYT. G3-467-1. Endosperm yellow. Cultivated. Seed.
453459. ETS 2475. CIMMYT. G3-467-2. Endosperm yellow. Cultivated. Seed.
453460. ETS 2475. CIMMYT. G3-467-3. Endosperm yellow. Cultivated. Seed.
453461. ETS 2476. CIMMYT. G3-468-1. Seeds white. Cultivated. Seed.
453462. ETS 2476. CIMMYT. G3-468-2. Seeds white. Cultivated. Seed.
453463. ETS 2477. CIMMYT. G3-469. Seeds white. Cultivated. Seed.
453464. ETS 2478. CIMMYT. G3-470-1. Seeds red. Cultivated. Seed.
453465. ETS 2478. CIMMYT. G3-470-2. Seeds red. Cultivated. Seed.
453466. ETS 2480. CIMMYT. G3-471. Seeds red. Cultivated. Seed.
453467. ETS 2481. CIMMYT. G3-472-1. Endosperm yellow. Cultivated. Seed.
453468. ETS 2481. CIMMYT. G3-472-2. Endosperm yellow. Cultivated. Seed.
453469. ETS 2482. CIMMYT. G3-473-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

453470. ETS 2482. CIMMYT. G3-473-2. Endosperm yellow. Cultivated. Seed.
453471. ETS 2482. CIMMYT. G3-473-3. Endosperm yellow. Cultivated. Seed.
453472. ETS 2483. CIMMYT. G3-474. Endosperm yellow. Cultivated. Seed.
453473. ETS 2484. CIMMYT. G3-475-1. Seeds bronze. Cultivated. Seed.
453474. ETS 2484. CIMMYT. G3-475-2. Seeds bronze. Cultivated. Seed.
453475. ETS 2485. CIMMYT. G3-476-1. Seeds red. Cultivated. Seed.
453476. ETS 2485. CIMMYT. G3-476-2. Seeds red. Cultivated. Seed.
453477. ETS 2488. CIMMYT. G3-479-1. Seeds white. Cultivated. Seed.
453478. ETS 2488. CIMMYT. G3-479-2. Seeds white. Cultivated. Seed.
453479. ETS 2489. CIMMYT. G3-480-1. Seeds bronze. Cultivated. Seed.
453480. ETS 2489. CIMMYT. G3-480-2. Seeds bronze. Cultivated. Seed.
453481. ETS 2490. CIMMYT. G3-481-1. Seeds red. Cultivated. Seed.
453482. ETS 2490. CIMMYT. G3-481-2. Seeds red. Cultivated. Seed.
453483. ETS 2490. CIMMYT. G3-481-3. Seeds red. Cultivated. Seed.
453484. ETS 2491. CIMMYT. G3-482-1. Seeds white. Cultivated. Seed.
453485. ETS 2491. CIMMYT. G3-482-2. Seeds white. Cultivated. Seed.
453486. ETS 2492. CIMMYT. G3-483-1. Seeds bronze. Cultivated. Seed.
453487. ETS 2492. CIMMYT. G3-483-2. Seeds bronze. Cultivated. Seed.
453488. ETS 2493. CIMMYT. G3-484-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 453489. ETS 2493. CIMMYT. G3-484-2. Endosperm yellow. Cultivated. Seed.
- 453490. ETS 2494. CIMMYT. G3-485-1. Seeds bronze. Cultivated. Seed.
- 453491. ETS 2494. CIMMYT. G3-485-2. Seeds bronze. Cultivated. Seed.
- 453492. ETS 2495. CIMMYT. G3-486-1. Seeds red. Cultivated. Seed.
- 453493. ETS 2495. CIMMYT. G3-486-2. Seeds red. Cultivated. Seed.
- 453494. ETS 2496. CIMMYT. G3-487-1. Endosperm yellow. Cultivated. Seed.
- 453495. ETS 2496. CIMMYT. G3-487-2. Endosperm yellow. Cultivated. Seed.
- 453496. ETS 2498. CIMMYT. G3-489-1. Seeds bronze. Cultivated. Seed.
- 453497. ETS 2498. CIMMYT. G3-489-2. Seeds bronze. Cultivated. Seed.
- 453498. ETS 2498. CIMMYT. G3-489-3. Seeds bronze. Cultivated. Seed.
- 453499. ETS 2499. CIMMYT. G3-490. Seeds bronze. Cultivated. Seed.
- 453500. ETS 2500. CIMMYT. G3-491-1. Seeds white. Cultivated. Seed.
- 453501. ETS 2500. CIMMYT. G3-491-2. Seeds white. Cultivated. Seed.
- 453502. ETS 2500. CIMMYT. G3-491-3. Seeds white. Cultivated. Seed.
- 453503. ETS 2501. CIMMYT. G3-492-1. Seeds white. Cultivated. Seed.
- 453504. ETS 2501. CIMMYT. G3-492-2. Seeds white. Cultivated. Seed.
- 453505. ETS 2501. CIMMYT. G3-492-3. Seeds white. Cultivated. Seed.
- 453506. ETS 2501. CIMMYT. G3-492-4. Seeds white. Cultivated. Seed.
- 453507. ETS 2502. CIMMYT. G3-493. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

453508. ETS 2503. CIMMYT. G3-494-1. Seeds bronze. Cultivated. Seed.
453509. ETS 2503. CIMMYT. G3-494-2. Seeds bronze. Cultivated. Seed.
453510. ETS 2504. CIMMYT. G3-495-1. Seeds white. Cultivated. Seed.
453511. ETS 2504. CIMMYT. G3-495-2. Seeds white. Cultivated. Seed.
453512. ETS 2505. CIMMYT. G3-496-1. Seeds white. Cultivated. Seed.
453513. ETS 2505. CIMMYT. G3-496-2. Seeds white. Cultivated. Seed.
453514. ETS 2506. CIMMYT. G3-497-1. Seeds bronze. Cultivated. Seed.
453515. ETS 2506. CIMMYT. G3-497-2. Seeds bronze. Cultivated. Seed.
453516. ETS 2507. CIMMYT. G3-498-1. Seeds bronze. Cultivated. Seed.
453517. ETS 2507. CIMMYT. G3-498-2. Seeds bronze. Cultivated. Seed.
453518. ETS 2508. CIMMYT. G3-499. Seeds white. Cultivated. Seed.
453519. ETS 2509. CIMMYT. G3-500-1. Seeds bronze. Cultivated. Seed.
453520. ETS 2509. CIMMYT. G3-500-2. Seeds bronze. Cultivated. Seed.
453521. ETS 2510. CIMMYT. G3-501-1. Seeds white. Cultivated. Seed.
453522. ETS 2510. CIMMYT. G3-501-2. Seeds white. Cultivated. Seed.
453523. ETS 2511. CIMMYT. G3-502-1. Seeds red. Cultivated. Seed.
453524. ETS 2511. CIMMYT. G3-502-2. Seeds red. Cultivated. Seed.
453525. ETS 2512. CIMMYT. G3-503-1. Seeds bronze. Cultivated. Seed.
453526. ETS 2512. CIMMYT. G3-503-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 453527. ETS 2513. CIMMYT. G3-504-1. Seeds bronze. Cultivated. Seed.
- 453528. ETS 2513. CIMMYT. G3-504-2. Seeds bronze. Cultivated. Seed.
- 453529. ETS 2514. CIMMYT. G3-505-1. Seeds bronze. Cultivated. Seed.
- 453530. ETS 2514. CIMMYT. G3-505-2. Seeds bronze. Cultivated. Seed.
- 453531. ETS 2514. CIMMYT. G3-505-3. Seeds bronze. Cultivated. Seed.
- 453532. ETS 2515. CIMMYT. G3-506-1. Seeds white. Cultivated. Seed.
- 453533. ETS 2515. CIMMYT. G3-506-2. Seeds white. Cultivated. Seed.
- 453534. ETS 2516. CIMMYT. G3-507. Seeds bronze. Cultivated. Seed.
- 453535. ETS 2517. CIMMYT. G3-508. Endosperm yellow. Cultivated. Seed.
- 453536. ETS 2518. CIMMYT. G3-509-1. Endosperm yellow. Cultivated. Seed.
- 453537. ETS 2518. CIMMYT. G3-509-2. Endosperm yellow. Cultivated. Seed.
- 453538. ETS 2519. CIMMYT. G3-510-1. Seeds white. Cultivated. Seed.
- 453539. ETS 2519. CIMMYT. G3-510-2. Seeds white. Cultivated. Seed.
- 453540. ETS 2520. CIMMYT. G3-511-1. Seeds red. Cultivated. Seed.
- 453541. ETS 2520. CIMMYT. G3-511-2. Seeds red. Cultivated. Seed.
- 453542. ETS 2522. CIMMYT. G3-512-1. Seeds bronze. Cultivated. Seed.
- 453543. ETS 2522. CIMMYT. G3-512-2. Seeds bronze. Cultivated. Seed.
- 453544. ETS 2523. CIMMYT. G3-513-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

453545. ETS 2523. CIMMYT. G3-513-2. Seeds bronze. Cultivated.
Seed.
453546. ETS 2524. CIMMYT. G3-514-1. Seeds red. Cultivated. Seed.
453547. ETS 2524. CIMMYT. G3-514-2. Seeds red. Cultivated. Seed.
453548. ETS 2525. CIMMYT. G3-515. Seeds bronze. Cultivated. Seed.
453549. ETS 2526. CIMMYT. G3-516-1. Seeds bronze. Cultivated.
Seed.
453550. ETS 2526. CIMMYT. G3-516-2. Seeds bronze. Cultivated.
Seed.
453551. ETS 2527. CIMMYT. G3-517-1. Endosperm yellow. Cultivated.
Seed.
453552. ETS 2527. CIMMYT. G3-517-2. Endosperm yellow. Cultivated.
Seed.
453553. ETS 2528. CIMMYT. G3-518. Seeds bronze. Cultivated. Seed.
453554. ETS 2529. CIMMYT. G3-519-1. Seeds white. Cultivated.
Seed.
453555. ETS 2529. CIMMYT. G3-519-2. Seeds white. Cultivated.
Seed.
453556. ETS 2530. CIMMYT. G3-520-1. Endosperm yellow. Cultivated.
Seed.
453557. ETS 2530. CIMMYT. G3-520-2. Endosperm yellow. Cultivated.
Seed.
453558. ETS 2530. CIMMYT. G3-520-3. Endosperm yellow. Cultivated.
Seed.
453559. ETS 2532. CIMMYT. G3-522-1. Seeds white. Cultivated.
Seed.
453560. ETS 2532. CIMMYT. G3-522-2. Seeds white. Cultivated.
Seed.
453561. ETS 2532. CIMMYT. G3-522-3. Seeds white. Cultivated.
Seed.
453562. ETS 2532. CIMMYT. G3-522-4. Seeds white. Cultivated.
Seed.
453563. ETS 2533. CIMMYT. G3-523-1. Endosperm yellow. Cultivated.
Seed.

452502 TO 457915-continued

- 453564. ETS 2533. CIMMYT. G3-523-2. Endosperm yellow. Cultivated. Seed.
- 453565. ETS 2534. CIMMYT. G3-524. Seeds white. Cultivated. Seed.
- 453566. ETS 2535. CIMMYT. G3-525. Seeds bronze. Cultivated. Seed.
- 453567. ETS 2536. CIMMYT. G3-526-1. Seeds white. Cultivated. Seed.
- 453568. ETS 2536. CIMMYT. G3-526-2. Seeds white. Cultivated. Seed.
- 453569. ETS 2537. CIMMYT. G3-527-1. Seeds white. Cultivated. Seed.
- 453570. ETS 2537. CIMMYT. G3-527-2. Seeds white. Cultivated. Seed.
- 453571. ETS 2543. CIMMYT. G3-533-1. Seeds white. Cultivated. Seed.
- 453572. ETS 2543. CIMMYT. G3-533-2. Seeds white. Cultivated. Seed.
- 453573. ETS 2544. CIMMYT. G3-534-1. Cultivated. Seed.
- 453574. ETS 2544. CIMMYT. G3-534-2. Cultivated. Seed.
- 453575. ETS 2546. CIMMYT. G3-536-1. Seeds red. Cultivated. Seed.
- 453576. ETS 2546. CIMMYT. G3-536-2. Seeds red. Cultivated. Seed.
- 453577. ETS 2547. CIMMYT. G3-537. Seeds white. Cultivated. Seed.
- 453578. ETS 2548. CIMMYT. G3-538. Seeds white. Cultivated. Seed.
- 453579. ETS 2551. CIMMYT. G3-540-1. Seeds red. Cultivated. Seed.
- 453580. ETS 2551. CIMMYT. G3-540-2. Seeds red. Cultivated. Seed.
- 453581. ETS 2552-B. CIMMYT. G3-542-1. Seeds bronze. Cultivated. Seed.
- 453582. ETS 2552-B. CIMMYT. G3-542-2. Seeds bronze. Cultivated. Seed.
- 453583. ETS 2553. CIMMYT. G3-543-1. Endosperm yellow. Cultivated. Seed.
- 453584. ETS 2553. CIMMYT. G3-543-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 453585. ETS 2554. CIMMYT. G3-544-1. Seeds bronze. Cultivated. Seed.
- 453586. ETS 2554. CIMMYT. G3-544-2. Seeds bronze. Cultivated. Seed.
- 453587. ETS 2557. CIMMYT. G3-547. Endosperm yellow. Cultivated. Seed.
- 453588. ETS 2558. CIMMYT. G3-548-1. Seeds white. Cultivated. Seed.
- 453589. ETS 2558. CIMMYT. G3-548-2. Seeds white. Cultivated. Seed.
- 453590. ETS 2559. CIMMYT. G3-549-1. Endosperm yellow. Cultivated. Seed.
- 453591. ETS 2559. CIMMYT. G3-549-2. Endosperm yellow. Cultivated. Seed.
- 453592. ETS 2560. CIMMYT. G3-550-1. Seeds white. Cultivated. Seed.
- 453593. ETS 2560. CIMMYT. G3-550-2. Seeds white. Cultivated. Seed.
- 453594. ETS 2561. CIMMYT. G3-551-1. Seeds white. Cultivated. Seed.
- 453595. ETS 2561. CIMMYT. G3-551-2. Seeds white. Cultivated. Seed.
- 453596. ETS 2562. CIMMYT. G3-552-1. Endosperm yellow. Cultivated. Seed.
- 453597. ETS 2562. CIMMYT. G3-552-2. Endosperm yellow. Cultivated. Seed.
- 453598. ETS 2563. CIMMYT. G3-553-1. Seeds white. Cultivated. Seed.
- 453599. ETS 2563. CIMMYT. G3-553-2. Seeds white. Cultivated. Seed.
- 453600. ETS 2563. CIMMYT. G3-553-3. Seeds white. Cultivated. Seed.
- 453601. ETS 2564. CIMMYT. G3-554-1. Endosperm yellow. Cultivated. Seed.
- 453602. ETS 2564. CIMMYT. G3-554-2. Endosperm yellow. Cultivated.

452502 TO 457915-continued

- Seed.
453603. ETS 2566. CIMMYT. G3-556-1. Endosperm yellow. Cultivated. Seed.
453604. ETS 2566. CIMMYT. G3-556-2. Endosperm yellow. Cultivated. Seed.
453605. ETS 2566. CIMMYT. G3-556-3. Endosperm yellow. Cultivated. Seed.
453606. ETS 2567. CIMMYT. G3-557. Seeds white. Cultivated. Seed.
453607. ETS 2568. CIMMYT. G3-558. Seeds white. Cultivated. Seed.
453608. ETS 2569. CIMMYT. G3-559-1. Seeds white. Cultivated. Seed.
453609. ETS 2569. CIMMYT. G3-559-2. Seeds white. Cultivated. Seed.
453610. ETS 2569. CIMMYT. G3-559-3. Seeds white. Cultivated. Seed.
453611. ETS 2570. CIMMYT. G3-560-1. Seeds white. Cultivated. Seed.
453612. ETS 2570. CIMMYT. G3-560-2. Seeds white. Cultivated. Seed.
453613. ETS 2571. CIMMYT. G3-561-1. Seeds white. Cultivated. Seed.
453614. ETS 2571. CIMMYT. G3-561-2. Seeds white. Cultivated. Seed.
453615. ETS 2572. CIMMYT. G3-562-1. Seeds white. Cultivated. Seed.
453616. ETS 2572. CIMMYT. G3-562-2. Seeds white. Cultivated. Seed.
453617. ETS 2573. CIMMYT. G3-563-1. Seeds white. Cultivated. Seed.
453618. ETS 2573. CIMMYT. G3-563-2. Seeds white. Cultivated. Seed.
453619. ETS 2573. CIMMYT. G3-563-3. Seeds white. Cultivated. Seed.
453620. ETS 2574. CIMMYT. G3-564-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

453621. ETS 2574. CIMMYT. G3-564-2. Seeds red. Cultivated. Seed.
453622. ETS 2575. CIMMYT. G3-565. Seeds white. Cultivated. Seed.
453623. ETS 2576. CIMMYT. G3-566. Seeds red. Cultivated. Seed.
453624. ETS 2577. CIMMYT. G3-567-1. Endosperm yellow. Cultivated. Seed.
453625. ETS 2577. CIMMYT. G3-567-2. Endosperm yellow. Cultivated. Seed.
453626. ETS 2577. CIMMYT. G3-567-3. Endosperm yellow. Cultivated. Seed.
453627. ETS 2578. CIMMYT. G3-568-1. Seeds red. Cultivated. Seed.
453628. ETS 2578. CIMMYT. G3-568-2. Seeds red. Cultivated. Seed.
453629. ETS 2579. CIMMYT. G3-569-1. Seeds red. Cultivated. Seed.
453630. ETS 2579. CIMMYT. G3-569-2. Seeds red. Cultivated. Seed.
453631. ETS 2580. CIMMYT. G3-570. Endosperm yellow. Cultivated. Seed.
453632. ETS 2581. CIMMYT. G3-571. Seeds bronze. Cultivated. Seed.
453633. ETS 2582. CIMMYT. G3-572-1. Endosperm yellow. Cultivated. Seed.
453634. ETS 2582. CIMMYT. G3-572-2. Endosperm yellow. Cultivated. Seed.
453635. ETS 2582. CIMMYT. G3-572-3. Endosperm yellow. Cultivated. Seed.
453636. ETS 2582. CIMMYT. G3-572-4. Endosperm yellow. Cultivated. Seed.
453637. ETS 2582. CIMMYT. G3-572-5. Endosperm yellow. Cultivated. Seed.
453638. ETS 2582. CIMMYT. G3-572-6. Endosperm yellow. Cultivated. Seed.
453639. ETS 2583. CIMMYT. G3-573-1. Seeds white. Cultivated. Seed.
453640. ETS 2583. CIMMYT. G3-573-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453641. ETS 2583. CIMMYT. G3-573-3. Seeds white. Cultivated. Seed.
453642. ETS 2583. CIMMYT. G3-573-4. Seeds white. Cultivated. Seed.
453643. ETS 2584. CIMMYT. G3-574-1. Seeds white. Cultivated. Seed.
453644. ETS 2584. CIMMYT. G3-574-2. Seeds white. Cultivated. Seed.
453645. ETS 2584. CIMMYT. G3-574-3. Seeds white. Cultivated. Seed.
453646. ETS 2586. CIMMYT. G3-576-1. Endosperm yellow. Cultivated. Seed.
453647. ETS 2586. CIMMYT. G3-576-2. Endosperm yellow. Cultivated. Seed.
453648. ETS 2587. CIMMYT. G3-577-1. Seeds bronze. Cultivated. Seed.
453649. ETS 2587. CIMMYT. G3-577-2. Seeds bronze. Cultivated. Seed.
453650. ETS 2587. CIMMYT. G3-577-3. Seeds bronze. Cultivated. Seed.
453651. ETS 2588. CIMMYT. G3-578-1. Seeds white. Cultivated. Seed.
453652. ETS 2588. CIMMYT. G3-578-2. Seeds white. Cultivated. Seed.
453653. ETS 2589. CIMMYT. G3-579-1. Seeds white. Cultivated. Seed.
453654. ETS 2589. CIMMYT. G3-579-2. Seeds white. Cultivated. Seed.
453655. ETS 2590. CIMMYT. G3-580-1. Seeds white. Cultivated. Seed.
453656. ETS 2590. CIMMYT. G3-580-2. Seeds white. Cultivated. Seed.
453657. ETS 2592. CIMMYT. G3-581-1. Seeds white. Cultivated. Seed.
453658. ETS 2592. CIMMYT. G3-581-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 453659. ETS 2592. CIMMYT. G3-581-3. Seeds white. Cultivated. Seed.
- 453660. ETS 2593. CIMMYT. G3-582-1. Seeds white. Cultivated. Seed.
- 453661. ETS 2593. CIMMYT. G3-582-2. Seeds white. Cultivated. Seed.
- 453662. ETS 2594. CIMMYT. G3-583-1. Seeds white. Cultivated. Seed.
- 453663. ETS 2594. CIMMYT. G3-583-2. Seeds white. Cultivated. Seed.
- 453664. ETS 2594. CIMMYT. G3-583-3. Seeds white. Cultivated. Seed.
- 453665. ETS 2596. CIMMYT. G3-585-1. Endosperm yellow. Cultivated. Seed.
- 453666. ETS 2596. CIMMYT. G3-585-2. Endosperm yellow. Cultivated. Seed.
- 453667. ETS 2597. CIMMYT. G3-586-1. Endosperm yellow. Cultivated. Seed.
- 453668. ETS 2597. CIMMYT. G3-586-2. Endosperm yellow. Cultivated. Seed.
- 453669. ETS 2597. CIMMYT. G3-586-3. Endosperm yellow. Cultivated. Seed.
- 453670. ETS 2598. CIMMYT. G3-587-1. Seeds red. Cultivated. Seed.
- 453671. ETS 2598. CIMMYT. G3-587-2. Seeds red. Cultivated. Seed.
- 453672. ETS 2599. CIMMYT. G3-588-1. Seeds red. Cultivated. Seed.
- 453673. ETS 2599. CIMMYT. G3-588-2. Seeds red. Cultivated. Seed.
- 453674. ETS 2599. CIMMYT. G3-588-3. Seeds red. Cultivated. Seed.
- 453675. ETS 2599. CIMMYT. G3-588-4. Seeds red. Cultivated. Seed.
- 453676. ETS 2602. CIMMYT. G3-590-1. Seeds red. Cultivated. Seed.
- 453677. ETS 2602. CIMMYT. G3-590-2. Seeds red. Cultivated. Seed.
- 453678. ETS 2603. CIMMYT. G3-591-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453679. ETS 2603. CIMMYT. G3-591-2. Seeds bronze. Cultivated. Seed.
- 453680. ETS 2604. CIMMYT. G3-592-1. Seeds bronze. Cultivated. Seed.
- 453681. ETS 2604. CIMMYT. G3-592-2. Seeds bronze. Cultivated. Seed.
- 453682. ETS 2604. CIMMYT. G3-592-3. Seeds bronze. Cultivated. Seed.
- 453683. ETS 2605. CIMMYT. G3-593-1. Seeds red. Cultivated. Seed.
- 453684. ETS 2605. CIMMYT. G3-593-2. Seeds red. Cultivated. Seed.
- 453685. ETS 2608. CIMMYT. G3-595-1. Seeds bronze. Cultivated. Seed.
- 453686. ETS 2608. CIMMYT. G3-595-2. Seeds bronze. Cultivated. Seed.
- 453687. ETS 2609. CIMMYT. G3-596-1. Seeds white. Cultivated. Seed.
- 453688. ETS 2609. CIMMYT. G3-596-2. Seeds white. Cultivated. Seed.
- 453689. ETS 2610. CIMMYT. G3-597-1. Endosperm yellow. Cultivated. Seed.
- 453690. ETS 2610. CIMMYT. G3-597-2. Endosperm yellow. Cultivated. Seed.
- 453691. ETS 2611. CIMMYT. G3-598-1. Seeds bronze. Cultivated. Seed.
- 453692. ETS 2611. CIMMYT. G3-598-2. Seeds bronze. Cultivated. Seed.
- 453693. ETS 2612. CIMMYT. G3-599-1. Seeds bronze. Cultivated. Seed.
- 453694. ETS 2612. CIMMYT. G3-599-2. Seeds bronze. Cultivated. Seed.
- 453695. ETS 2612. CIMMYT. G3-599-3. Seeds bronze. Cultivated. Seed.
- 453696. ETS 2612. CIMMYT. G3-599-4. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453697. ETS 2613-A. CIMMYT. G3-600-1. Seeds bronze. Cultivated. Seed.
- 453698. ETS 2613-A. CIMMYT. G3-600-2. Seeds bronze. Cultivated. Seed.
- 453699. ETS 2613-B. CIMMYT. G3-601-1. Seeds white. Cultivated. Seed.
- 453700. ETS 2613-B. CIMMYT. G3-601-2. Seeds white. Cultivated. Seed.
- 453701. ETS 2613-B. CIMMYT. G3-601-3. Seeds white. Cultivated. Seed.
- 453702. ETS 2614. CIMMYT. G3-602-1. Endosperm yellow. Cultivated. Seed.
- 453703. ETS 2614. CIMMYT. G3-602-2. Endosperm yellow. Cultivated. Seed.
- 453704. ETS 2614. CIMMYT. G3-602-3. Endosperm yellow. Cultivated. Seed.
- 453705. ETS 2614. CIMMYT. G3-602-4. Endosperm yellow. Cultivated. Seed.
- 453706. ETS 2616. CIMMYT. G3-603-1. Endosperm yellow. Cultivated. Seed.
- 453707. ETS 2616. CIMMYT. G3-603-2. Endosperm yellow. Cultivated. Seed.
- 453708. ETS 2617. CIMMYT. G3-604-1. Seeds bronze. Cultivated. Seed.
- 453709. ETS 2617. CIMMYT. G3-604-2. Seeds bronze. Cultivated. Seed.
- 453710. ETS 2619. CIMMYT. G3-606-1. Seeds bronze. Cultivated. Seed.
- 453711. ETS 2619. CIMMYT. G3-606-2. Seeds bronze. Cultivated. Seed.
- 453712. ETS 2620. CIMMYT. G3-607-1. Seeds white. Cultivated. Seed.
- 453713. ETS 2620. CIMMYT. G3-607-2. Seeds white. Cultivated. Seed.
- 453714. ETS 2622. CIMMYT. G3-609-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 453715. ETS 2622. CIMMYT. G3-609-2. Seeds white. Cultivated. Seed.
- 453716. ETS 2622. CIMMYT. G3-609-3. Seeds white. Cultivated. Seed.
- 453717. ETS 2622. CIMMYT. G3-609-4. Seeds white. Cultivated. Seed.
- 453718. ETS 2623. CIMMYT. G3-610. Endosperm yellow. Cultivated. Seed.
- 453719. ETS 2624. CIMMYT. G3-611-1. Seeds red. Cultivated. Seed.
- 453720. ETS 2624. CIMMYT. G3-611-2. Seeds red. Cultivated. Seed.
- 453721. ETS 2624. CIMMYT. G3-611-3. Seeds red. Cultivated. Seed.
- 453722. ETS 2625. CIMMYT. G3-612-1. Endosperm yellow. Cultivated. Seed.
- 453723. ETS 2625. CIMMYT. G3-612-2. Endosperm yellow. Cultivated. Seed.
- 453724. ETS 2626. CIMMYT. G3-613-1. Seeds bronze. Cultivated. Seed.
- 453725. ETS 2626. CIMMYT. G3-613-2. Seeds bronze. Cultivated. Seed.
- 453726. ETS 2626. CIMMYT. G3-613-3. Seeds bronze. Cultivated. Seed.
- 453727. ETS 2626. CIMMYT. G3-613-4. Seeds bronze. Cultivated. Seed.
- 453728. ETS 2627. CIMMYT. G3-614-1. Seeds white. Cultivated. Seed.
- 453729. ETS 2627. CIMMYT. G3-614-2. Seeds white. Cultivated. Seed.
- 453730. ETS 2628. CIMMYT. G3-615-1. Seeds red. Cultivated. Seed.
- 453731. ETS 2628. CIMMYT. G3-615-2. Seeds red. Cultivated. Seed.
- 453732. ETS 2629. CIMMYT. G3-616-1. Seeds red. Cultivated. Seed.
- 453733. ETS 2629. CIMMYT. G3-616-2. Seeds red. Cultivated. Seed.
- 453734. ETS 2629. CIMMYT. G3-616-3. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

453735. ETS 2630. CIMMYT. G3-617-1. Endosperm yellow. Cultivated. Seed.
453736. ETS 2630. CIMMYT. G3-617-2. Endosperm yellow. Cultivated. Seed.
453737. ETS 2632. CIMMYT. G3-619-1. Seeds red. Cultivated. Seed.
453738. ETS 2632. CIMMYT. G3-619-2. Seeds red. Cultivated. Seed.
453739. ETS 2633. CIMMYT. G3-620-1. Seeds bronze. Cultivated. Seed.
453740. ETS 2633. CIMMYT. G3-620-2. Seeds bronze. Cultivated. Seed.
453741. ETS 2634. CIMMYT. G3-621-1. Seeds red. Cultivated. Seed.
453742. ETS 2634. CIMMYT. G3-621-2. Seeds red. Cultivated. Seed.
453743. ETS 2635. CIMMYT. G3-622-1. Seeds bronze. Cultivated. Seed.
453744. ETS 2635. CIMMYT. G3-622-2. Seeds bronze. Cultivated. Seed.
453745. ETS 2636. CIMMYT. G3-623-1. Seeds red. Cultivated. Seed.
453746. ETS 2636. CIMMYT. G3-623-2. Seeds red. Cultivated. Seed.
453747. ETS 2637. CIMMYT. G3-624. Seeds red. Cultivated. Seed.
453748. ETS 2638. CIMMYT. G3-625-1. Seeds red. Cultivated. Seed.
453749. ETS 2638. CIMMYT. G3-625-2. Seeds red. Cultivated. Seed.
453750. ETS 2640. CIMMYT. G3-627-1. Seeds white. Cultivated. Seed.
453751. ETS 2640. CIMMYT. G3-627-2. Seeds white. Cultivated. Seed.
453752. ETS 2641. CIMMYT. G3-628-1. Seeds red. Cultivated. Seed.
453753. ETS 2641. CIMMYT. G3-628-2. Seeds red. Cultivated. Seed.
453754. ETS 2643. CIMMYT. G3-630-1. Seeds bronze. Cultivated. Seed.
453755. ETS 2643. CIMMYT. G3-630-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453756. ETS 2644. CIMMYT. G3-631-1. Seeds white. Cultivated. Seed.
- 453757. ETS 2644. CIMMYT. G3-631-2. Seeds white. Cultivated. Seed.
- 453758. ETS 2644. CIMMYT. G3-631-3. Seeds white. Cultivated. Seed.
- 453759. ETS 2644. CIMMYT. G3-631-4. Seeds white. Cultivated. Seed.
- 453760. ETS 2646. CIMMYT. G3-633-1. Seeds white. Cultivated. Seed.
- 453761. ETS 2646. CIMMYT. G3-633-2. Seeds white. Cultivated. Seed.
- 453762. ETS 2646. CIMMYT. G3-633-3. Seeds white. Cultivated. Seed.
- 453763. ETS 2647. CIMMYT. G3-634-1. Endosperm yellow. Cultivated. Seed.
- 453764. ETS 2647. CIMMYT. G3-634-2. Endosperm yellow. Cultivated. Seed.
- 453765. ETS 2647. CIMMYT. G3-634-3. Endosperm yellow. Cultivated. Seed.
- 453766. ETS 2647. CIMMYT. G3-634-4. Endosperm yellow. Cultivated. Seed.
- 453767. ETS 2648. CIMMYT. G3-635-1. Seeds bronze. Cultivated. Seed.
- 453768. ETS 2648. CIMMYT. G3-635-2. Seeds bronze. Cultivated. Seed.
- 453769. ETS 2648. CIMMYT. G3-635-3. Seeds bronze. Cultivated. Seed.
- 453770. ETS 2649. CIMMYT. G3-636-1. Endosperm yellow. Cultivated. Seed.
- 453771. ETS 2649. CIMMYT. G3-636-2. Endosperm yellow. Cultivated. Seed.
- 453772. ETS 2649. CIMMYT. G3-636-3. Endosperm yellow. Cultivated. Seed.
- 453773. ETS 2650. CIMMYT. G3-637-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

453774. ETS 2650. CIMMYT. G3-637-2. Seeds white. Cultivated.
Seed.
453775. ETS 2651. CIMMYT. G3-638-1. Seeds red. Cultivated. Seed.
453776. ETS 2651. CIMMYT. G3-638-2. Seeds red. Cultivated. Seed.
453777. ETS 2652. CIMMYT. G3-639-1. Seeds white. Cultivated.
Seed.
453778. ETS 2652. CIMMYT. G3-639-2. Seeds white. Cultivated.
Seed.
453779. ETS 2653. CIMMYT. G3-640-1. Seeds white. Cultivated.
Seed.
453780. ETS 2653. CIMMYT. G3-640-2. Seeds white. Cultivated.
Seed.
453781. ETS 2654. CIMMYT. G3-641. Seeds red. Cultivated. Seed.
453782. ETS 2655. CIMMYT. G3-642-1. Seeds red. Cultivated. Seed.
453783. ETS 2655. CIMMYT. G3-642-2. Seeds red. Cultivated. Seed.
453784. ETS 2656. CIMMYT. G3-643-1. Seeds bronze. Cultivated.
Seed.
453785. ETS 2656. CIMMYT. G3-643-2. Seeds bronze. Cultivated.
Seed.
453786. ETS 2658. CIMMYT. G3-645-1. Seeds red. Cultivated. Seed.
453787. ETS 2658. CIMMYT. G3-645-2. Seeds red. Cultivated. Seed.
453788. ETS 2659. CIMMYT. G3-646-1. Endosperm yellow. Cultivated.
Seed.
453789. ETS 2659. CIMMYT. G3-646-2. Endosperm yellow. Cultivated.
Seed.
453790. ETS 2660. CIMMYT. G3-647. Seeds red. Cultivated. Seed.
453791. ETS 2661. CIMMYT. G3-648-1. Seeds white. Cultivated.
Seed.
453792. ETS 2661. CIMMYT. G3-648-2. Seeds white. Cultivated.
Seed.
453793. ETS 2662. CIMMYT. G3-649-1. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

453794. ETS 2662. CIMMYT. G3-649-2. Seeds white. Cultivated. Seed.
453795. ETS 2662. CIMMYT. G3-649-3. Seeds white. Cultivated. Seed.
453796. ETS 2663-A. CIMMYT. G3-650-1. Seeds red. Cultivated. Seed.
453797. ETS 2663-A. CIMMYT. G3-650-2. Seeds red. Cultivated. Seed.
453798. ETS 2663-B. CIMMYT. G3-651-1. Seeds red. Cultivated. Seed.
453799. ETS 2663-B. CIMMYT. G3-651-2. Seeds red. Cultivated. Seed.
453800. ETS 2664. CIMMYT. G3-652-1. Seeds red. Cultivated. Seed.
453801. ETS 2664. CIMMYT. G3-652-2. Seeds red. Cultivated. Seed.
453802. ETS 2664. CIMMYT. G3-652-3. Seeds red. Cultivated. Seed.
453803. ETS 2666. CIMMYT. G3-653-1. Seeds white. Cultivated. Seed.
453804. ETS 2666. CIMMYT. G3-653-2. Seeds white. Cultivated. Seed.
453805. ETS 2667. CIMMYT. G3-654-1. Seeds white. Cultivated. Seed.
453806. ETS 2667. CIMMYT. G3-654-2. Seeds white. Cultivated. Seed.
453807. ETS 2667. CIMMYT. G3-654-3. Seeds white. Cultivated. Seed.
453808. ETS 2668. CIMMYT. G3-655-1. Seeds red. Cultivated. Seed.
453809. ETS 2668. CIMMYT. G3-655-2. Seeds red. Cultivated. Seed.
453810. ETS 2668. CIMMYT. G3-655-3. Seeds red. Cultivated. Seed.
453811. ETS 2669. CIMMYT. G3-656-1. Seeds red. Cultivated. Seed.
453812. ETS 2669. CIMMYT. G3-656-2. Seeds red. Cultivated. Seed.
453813. ETS 2670. CIMMYT. G3-657-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 453814. ETS 2670. CIMMYT. G3-657-2. Endosperm yellow. Cultivated. Seed.
- 453815. ETS 2670. CIMMYT. G3-657-3. Endosperm yellow. Cultivated. Seed.
- 453816. ETS 2671. CIMMYT. G3-658-1. Seeds bronze. Cultivated. Seed.
- 453817. ETS 2671. CIMMYT. G3-658-2. Seeds bronze. Cultivated. Seed.
- 453818. ETS 2672. CIMMYT. G3-659-1. Endosperm yellow. Cultivated. Seed.
- 453819. ETS 2672. CIMMYT. G3-659-2. Endosperm yellow. Cultivated. Seed.
- 453820. ETS 2673. CIMMYT. G3-660-1. Endosperm yellow. Cultivated. Seed.
- 453821. ETS 2673. CIMMYT. G3-660-2. Endosperm yellow. Cultivated. Seed.
- 453822. ETS 2674. CIMMYT. G3-661-1. Endosperm yellow. Cultivated. Seed.
- 453823. ETS 2674. CIMMYT. G3-661-2. Endosperm yellow. Cultivated. Seed.
- 453824. ETS 2674. CIMMYT. G3-661-3. Endosperm yellow. Cultivated. Seed.
- 453825. ETS 2675. CIMMYT. G3-662-1. Endosperm yellow. Cultivated. Seed.
- 453826. ETS 2675. CIMMYT. G3-662-2. Endosperm yellow. Cultivated. Seed.
- 453827. ETS 2675. CIMMYT. G3-662-3. Endosperm yellow. Cultivated. Seed.
- 453828. ETS 2677. CIMMYT. G3-664-1. Seeds white. Cultivated. Seed.
- 453829. ETS 2677. CIMMYT. G3-664-2. Seeds white. Cultivated. Seed.
- 453830. ETS 2678. CIMMYT. G3-665-1. Seeds white. Cultivated. Seed.
- 453831. ETS 2678. CIMMYT. G3-665-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

453832. ETS 2678. CIMMYT. G3-665-3. Seeds white. Cultivated.
Seed.
453833. ETS 2679. CIMMYT. G3-666-1. Seeds red. Cultivated. Seed.
453834. ETS 2679. CIMMYT. G3-666-2. Seeds red. Cultivated. Seed.
453835. ETS 2680. CIMMYT. G3-667-1. Endosperm yellow. Cultivated.
Seed.
453836. ETS 2680. CIMMYT. G3-667-2. Endosperm yellow. Cultivated.
Seed.
453837. ETS 2682. CIMMYT. G3-669-1. Seeds red. Cultivated. Seed.
453838. ETS 2682. CIMMYT. G3-669-2. Seeds red. Cultivated. Seed.
453839. ETS 2683. CIMMYT. G3-670-1. Seeds white. Cultivated.
Seed.
453840. ETS 2683. CIMMYT. G3-670-2. Seeds white. Cultivated.
Seed.
453841. ETS 2684. CIMMYT. G3-671. Seeds bronze. Cultivated. Seed.
453842. ETS 2685. CIMMYT. G3-672-1. Seeds white. Cultivated.
Seed.
453843. ETS 2685. CIMMYT. G3-672-2. Seeds white. Cultivated.
Seed.
453844. ETS 2686. CIMMYT. G3-673. Seeds red. Cultivated. Seed.
453845. ETS 2690. CIMMYT. G3-677. Seeds red. Cultivated. Seed.
453846. ETS 2692. CIMMYT. G3-678-1. Seeds red. Cultivated. Seed.
453847. ETS 2692. CIMMYT. G3-678-2. Seeds red. Cultivated. Seed.
453848. ETS 2693. CIMMYT. G3-679-1. Seeds white. Cultivated.
Seed.
453849. ETS 2693. CIMMYT. G3-679-2. Seeds white. Cultivated.
Seed.
453850. ETS 2694. CIMMYT. G3-680-1. Seeds white. Cultivated.
Seed.
453851. ETS 2694. CIMMYT. G3-680-2. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

453852. ETS 2695. CIMMYT. G3-681-1. Seeds white. Cultivated. Seed.
453853. ETS 2695. CIMMYT. G3-681-2. Seeds white. Cultivated. Seed.
453854. ETS 2695. CIMMYT. G3-681-3. Seeds white. Cultivated. Seed.
453855. ETS 2695. CIMMYT. G3-681-4. Seeds white. Cultivated. Seed.
453856. ETS 2696. CIMMYT. G3-682. Seeds red. Cultivated. Seed.
453857. ETS 2697. CIMMYT. G3-683. Seeds red. Cultivated. Seed.
453858. ETS 2698. CIMMYT. G3-684. Seeds bronze. Cultivated. Seed.
453859. ETS 2700. CIMMYT. G3-685. Seeds white. Cultivated. Seed.
453860. ETS 2701. CIMMYT. G3-686-1. Seeds white. Cultivated. Seed.
453861. ETS 2701. CIMMYT. G3-686-2. Seeds white. Cultivated. Seed.
453862. ETS 2701. CIMMYT. G3-686-3. Seeds white. Cultivated. Seed.
453863. ETS 2702. CIMMYT. G3-687. Seeds bronze. Cultivated. Seed.
453864. ETS 2703. CIMMYT. G3-688. Seeds white. Cultivated. Seed.
453865. ETS 2704. CIMMYT. G3-689-1. Seeds white. Cultivated. Seed.
453866. ETS 2704. CIMMYT. G3-689-2. Seeds white. Cultivated. Seed.
453867. ETS 2705. CIMMYT. G3-690-1. Seeds white. Cultivated. Seed.
453868. ETS 2705. CIMMYT. G3-690-2. Seeds white. Cultivated. Seed.
453869. ETS 2705. CIMMYT. G3-690-3. Seeds white. Cultivated. Seed.
453870. ETS 2706. CIMMYT. G3-691-1. Seeds white. Cultivated. Seed.
453871. ETS 2706. CIMMYT. G3-691-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 453872. ETS 2706. CIMMYT. G3-691-3. Seeds white. Cultivated. Seed.
- 453873. ETS 2706. CIMMYT. G3-691-4. Seeds white. Cultivated. Seed.
- 453874. ETS 2707. CIMMYT. G3-692-1. Seeds white. Cultivated. Seed.
- 453875. ETS 2707. CIMMYT. G3-692-2. Seeds white. Cultivated. Seed.
- 453876. ETS 2708. CIMMYT. G3-693-1. Seeds red. Cultivated. Seed.
- 453877. ETS 2708. CIMMYT. G3-693-2. Seeds red. Cultivated. Seed.
- 453878. ETS 2708. CIMMYT. G3-693-3. Seeds red. Cultivated. Seed.
- 453879. ETS 2709. CIMMYT. G3-694-1. Seeds bronze. Cultivated. Seed.
- 453880. ETS 2709. CIMMYT. G3-694-2. Seeds bronze. Cultivated. Seed.
- 453881. ETS 2710. CIMMYT. G3-695-1. Seeds red. Cultivated. Seed.
- 453882. ETS 2710. CIMMYT. G3-695-2. Seeds red. Cultivated. Seed.
- 453883. ETS 2711. CIMMYT. G3-696-1. Seeds bronze. Cultivated. Seed.
- 453884. ETS 2711. CIMMYT. G3-696-2. Seeds bronze. Cultivated. Seed.
- 453885. ETS 2712. CIMMYT. G3-697-1. Seeds white. Cultivated. Seed.
- 453886. ETS 2712. CIMMYT. G3-697-2. Seeds white. Cultivated. Seed.
- 453887. ETS 2713. CIMMYT. G3-698. Seeds white. Cultivated. Seed.
- 453888. ETS 2714. CIMMYT. G3-699-1. Seeds bronze. Cultivated. Seed.
- 453889. ETS 2714. CIMMYT. G3-699-2. Seeds bronze. Cultivated. Seed.
- 453890. ETS 2715. CIMMYT. G3-700-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

453891. ETS 2715. CIMMYT. G3-700-2. Seeds white. Cultivated. Seed.
453892. ETS 2715. CIMMYT. G3-700-3. Seeds white. Cultivated. Seed.
453893. ETS 2716. CIMMYT. G3-701-1. Seeds bronze. Cultivated. Seed.
453894. ETS 2716. CIMMYT. G3-701-2. Seeds bronze. Cultivated. Seed.
453895. ETS 2717. CIMMYT. G3-702-1. Seeds white. Cultivated. Seed.
453896. ETS 2717. CIMMYT. G3-702-2. Seeds white. Cultivated. Seed.
453897. ETS 2718. CIMMYT. G3-703-1. Seeds white. Cultivated. Seed.
453898. ETS 2718. CIMMYT. G3-703-2. Seeds white. Cultivated. Seed.
453899. ETS 2719. CIMMYT. G3-704-1. Endosperm yellow. Cultivated. Seed.
453900. ETS 2719. CIMMYT. G3-704-2. Endosperm yellow. Cultivated. Seed.
453901. ETS 2720. CIMMYT. G3-705-1. Seeds red. Cultivated. Seed.
453902. ETS 2720. CIMMYT. G3-705-2. Seeds red. Cultivated. Seed.
453903. ETS 2721. CIMMYT. G3-706-1. Endosperm yellow. Cultivated. Seed.
453904. ETS 2721. CIMMYT. G3-706-2. Endosperm yellow. Cultivated. Seed.
453905. ETS 2722. CIMMYT. G3-707. Cultivated. Seed.
453906. ETS 2723. CIMMYT. G3-708-1. Seeds white. Cultivated. Seed.
453907. ETS 2723. CIMMYT. G3-708-2. Seeds white. Cultivated. Seed.
453908. ETS 2723. CIMMYT. G3-708-3. Seeds white. Cultivated. Seed.
453909. ETS 2724. CIMMYT. G3-709-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 453910. ETS 2724. CIMMYT. G3-709-2. Seeds red. Cultivated. Seed.
- 453911. ETS 2725. CIMMYT. G3-710-1. Seeds white. Cultivated. Seed.
- 453912. ETS 2725. CIMMYT. G3-710-2. Seeds white. Cultivated. Seed.
- 453913. ETS 2726. CIMMYT. G3-711. Seeds red. Cultivated. Seed.
- 453914. ETS 2727. CIMMYT. G3-712-1. Seeds bronze. Cultivated. Seed.
- 453915. ETS 2727. CIMMYT. G3-712-2. Seeds bronze. Cultivated. Seed.
- 453916. ETS 2728. CIMMYT. G3-713-1. Seeds bronze. Cultivated. Seed.
- 453917. ETS 2728. CIMMYT. G3-713-2. Seeds bronze. Cultivated. Seed.
- 453918. ETS 2729. CIMMYT. G3-714. Seeds red. Cultivated. Seed.
- 453919. ETS 2730. CIMMYT. G3-715-1. Seeds red. Cultivated. Seed.
- 453920. ETS 2730. CIMMYT. G3-715-2. Seeds red. Cultivated. Seed.
- 453921. ETS 2731. CIMMYT. G3-716-1. Seeds red. Cultivated. Seed.
- 453922. ETS 2731. CIMMYT. G3-716-2. Seeds red. Cultivated. Seed.
- 453923. ETS 2732. CIMMYT. G3-717-1. Seeds red. Cultivated. Seed.
- 453924. ETS 2732. CIMMYT. G3-717-2. Seeds red. Cultivated. Seed.
- 453925. ETS 2733. CIMMYT. G3-718. Seeds red. Cultivated. Seed.
- 453926. ETS 2734. CIMMYT. G3-719-1. Seeds white. Cultivated. Seed.
- 453927. ETS 2734. CIMMYT. G3-719-2. Seeds white. Cultivated. Seed.
- 453928. ETS 2735. CIMMYT. G3-720-1. Seeds bronze. Cultivated. Seed.
- 453929. ETS 2735. CIMMYT. G3-720-2. Seeds bronze. Cultivated. Seed.
- 453930. ETS 2736. CIMMYT. G3-721-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 453931. ETS 2736. CIMMYT. G3-721-2. Seeds bronze. Cultivated. Seed.
- 453932. ETS 2737. CIMMYT. G3-722-1. Seeds bronze. Cultivated. Seed.
- 453933. ETS 2737. CIMMYT. G3-722-2. Seeds bronze. Cultivated. Seed.
- 453934. ETS 2738. CIMMYT. G3-723. Seeds white. Cultivated. Seed.
- 453935. ETS 2739. CIMMYT. G3-724-1. Seeds white. Cultivated. Seed.
- 453936. ETS 2739. CIMMYT. G3-724-2. Seeds white. Cultivated. Seed.
- 453937. ETS 2740. CIMMYT. G3-725. Seeds red. Cultivated. Seed.
- 453938. ETS 2741. CIMMYT. G3-726-1. Endosperm yellow. Cultivated. Seed.
- 453939. ETS 2741. CIMMYT. G3-726-2. Endosperm yellow. Cultivated. Seed.
- 453940. ETS 2742. CIMMYT. G3-727-1. Seeds white. Cultivated. Seed.
- 453941. ETS 2742. CIMMYT. G3-727-2. Seeds white. Cultivated. Seed.
- 453942. ETS 2743. CIMMYT. G3-728-1. Seeds red. Cultivated. Seed.
- 453943. ETS 2743. CIMMYT. G3-728-2. Seeds red. Cultivated. Seed.
- 453944. ETS 2744. CIMMYT. G3-729-1. Seeds red. Cultivated. Seed.
- 453945. ETS 2744. CIMMYT. G3-729-2. Seeds red. Cultivated. Seed.
- 453946. ETS 2745. CIMMYT. G3-730-1. Seeds bronze. Cultivated. Seed.
- 453947. ETS 2745. CIMMYT. G3-730-2. Seeds bronze. Cultivated. Seed.
- 453948. ETS 2745. CIMMYT. G3-730-3. Seeds bronze. Cultivated. Seed.
- 453949. ETS 2746. CIMMYT. G3-731-1. Endosperm yellow. Cultivated. Seed.
- 453950. ETS 2746. CIMMYT. G3-731-2. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

453951. ETS 2747. CIMMYT. G3-732-1. Seeds white. Cultivated.
Seed.
453952. ETS 2747. CIMMYT. G3-732-2. Seeds white. Cultivated.
Seed.
453953. ETS 2748. CIMMYT. G3-733-1. Seeds red. Cultivated. Seed.
453954. ETS 2748. CIMMYT. G3-733-2. Seeds red. Cultivated. Seed.
453955. ETS 2749. CIMMYT. G3-734-1. Seeds bronze. Cultivated.
Seed.
453956. ETS 2749. CIMMYT. G3-734-2. Seeds bronze. Cultivated.
Seed.
453957. ETS 2750. CIMMYT. G3-735-1. Endosperm yellow. Cultivated.
Seed.
453958. ETS 2750. CIMMYT. G3-735-2. Endosperm yellow. Cultivated.
Seed.
453959. ETS 2751. CIMMYT. G3-736-1. Seeds white. Cultivated.
Seed.
453960. ETS 2751. CIMMYT. G3-736-2. Seeds white. Cultivated.
Seed.
453961. ETS 2752. CIMMYT. G3-737-1. Seeds white. Cultivated.
Seed.
453962. ETS 2752. CIMMYT. G3-737-2. Seeds white. Cultivated.
Seed.
453963. ETS 2753. CIMMYT. G3-738-1. Seeds white. Cultivated.
Seed.
453964. ETS 2753. CIMMYT. G3-738-2. Seeds white. Cultivated.
Seed.
453965. ETS 2754. CIMMYT. G3-739-1. Seeds red. Cultivated. Seed.
453966. ETS 2754. CIMMYT. G3-739-2. Seeds red. Cultivated. Seed.
453967. ETS 2755. CIMMYT. G3-740-1. Seeds red. Cultivated. Seed.
453968. ETS 2755. CIMMYT. G3-740-2. Seeds red. Cultivated. Seed.
453969. ETS 2756. CIMMYT. G3-741-1. Seeds red. Cultivated. Seed.
453970. ETS 2756. CIMMYT. G3-741-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

453971. ETS 2757. CIMMYT. G3-742-1. Seeds white. Cultivated. Seed.
453972. ETS 2757. CIMMYT. G3-742-2. Seeds white. Cultivated. Seed.
453973. ETS 2758. CIMMYT. G3-743-1. Seeds white. Cultivated. Seed.
453974. ETS 2758. CIMMYT. G3-743-2. Seeds white. Cultivated. Seed.
453975. ETS 2759. CIMMYT. G3-744. Seeds white. Cultivated. Seed.
453976. ETS 2760. CIMMYT. G3-745-1. Seeds red. Cultivated. Seed.
453977. ETS 2760. CIMMYT. G3-745-2. Seeds red. Cultivated. Seed.
453978. ETS 2760. CIMMYT. G3-745-3. Seeds red. Cultivated. Seed.
453979. ETS 2761. CIMMYT. G3-746-1. Seeds bronze. Cultivated. Seed.
453980. ETS 2761. CIMMYT. G3-746-2. Seeds bronze. Cultivated. Seed.
453981. ETS 2762. CIMMYT. G3-747-1. Seeds bronze. Cultivated. Seed.
453982. ETS 2762. CIMMYT. G3-747-2. Seeds bronze. Cultivated. Seed.
453983. ETS 2763. CIMMYT. G3-748-1. Seeds red. Cultivated. Seed.
453984. ETS 2763. CIMMYT. G3-748-2. Seeds red. Cultivated. Seed.
453985. ETS 2764. CIMMYT. G3-749-1. Endosperm yellow. Cultivated. Seed.
453986. ETS 2764. CIMMYT. G3-749-2. Endosperm yellow. Cultivated. Seed.
453987. ETS 2764. CIMMYT. G3-749-3. Endosperm yellow. Cultivated. Seed.
453988. ETS 2765. CIMMYT. G3-750-1. Seeds red. Cultivated. Seed.
453989. ETS 2765. CIMMYT. G3-750-2. Seeds red. Cultivated. Seed.
453990. ETS 2766. CIMMYT. G3-751. Seeds bronze. Cultivated. Seed.
453991. ETS 2767. CIMMYT. G3-752-1. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

453992. ETS 2767. CIMMYT. G3-752-2. Endosperm yellow. Cultivated.
Seed.
453993. ETS 2768. CIMMYT. G3-753-1. Seeds red. Cultivated. Seed.
453994. ETS 2768. CIMMYT. G3-753-2. Seeds red. Cultivated. Seed.
453995. ETS 2769. CIMMYT. G3-754-1. Endosperm yellow. Cultivated.
Seed.
453996. ETS 2769. CIMMYT. G3-754-2. Endosperm yellow. Cultivated.
Seed.
453997. ETS 2770. CIMMYT. G3-755-1. Seeds red. Cultivated. Seed.
453998. ETS 2770. CIMMYT. G3-755-2. Seeds red. Cultivated. Seed.
453999. ETS 2772. CIMMYT. G3-756. Seeds white. Cultivated. Seed.
454000. ETS 2773. CIMMYT. G3-757-1. Endosperm yellow. Cultivated.
Seed.
454001. ETS 2773. CIMMYT. G3-757-2. Endosperm yellow. Cultivated.
Seed.
454002. ETS 2773. CIMMYT. G3-757-3. Endosperm yellow. Cultivated.
Seed.
454003. ETS 2774. CIMMYT. G3-758-1. Seeds white. Cultivated.
Seed.
454004. ETS 2774. CIMMYT. G3-758-2. Seeds white. Cultivated.
Seed.
454005. ETS 2775. CIMMYT. G3-759-1. Seeds white. Cultivated.
Seed.
454006. ETS 2775. CIMMYT. G3-759-2. Seeds white. Cultivated.
Seed.
454007. ETS 2776. CIMMYT. G3-760-1. Seeds bronze. Cultivated.
Seed.
454008. ETS 2776. CIMMYT. G3-760-2. Seeds bronze. Cultivated.
Seed.
454009. ETS 2777. CIMMYT. G3-761-1. Seeds white. Cultivated.
Seed.
454010. ETS 2777. CIMMYT. G3-761-2. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 454011. ETS 2778. CIMMYT. G3-762-1. Endosperm yellow. Cultivated. Seed.
- 454012. ETS 2778. CIMMYT. G3-762-2. Endosperm yellow. Cultivated. Seed.
- 454013. ETS 2779. CIMMYT. G3-763-1. Seeds white. Cultivated. Seed.
- 454014. ETS 2779. CIMMYT. G3-763-2. Seeds white. Cultivated. Seed.
- 454015. ETS 2780. CIMMYT. G3-764-1. Seeds red. Cultivated. Seed.
- 454016. ETS 2780. CIMMYT. G3-764-2. Seeds red. Cultivated. Seed.
- 454017. ETS 2782. CIMMYT. G3-765-1. Seeds white. Cultivated. Seed.
- 454018. ETS 2782. CIMMYT. G3-765-2. Seeds white. Cultivated. Seed.
- 454019. ETS 2783. CIMMYT. G3-766-1. Seeds white. Cultivated. Seed.
- 454020. ETS 2783. CIMMYT. G3-766-2. Seeds white. Cultivated. Seed.
- 454021. ETS 2784. CIMMYT. G3-767-1. Seeds white. Cultivated. Seed.
- 454022. ETS 2784. CIMMYT. G3-767-2. Seeds white. Cultivated. Seed.
- 454023. ETS 2785. CIMMYT. G3-768-1. Seeds white. Cultivated. Seed.
- 454024. ETS 2785. CIMMYT. G3-768-2. Seeds white. Cultivated. Seed.
- 454025. ETS 2786. CIMMYT. G3-769-1. Seeds bronze. Cultivated. Seed.
- 454026. ETS 2786. CIMMYT. G3-769-2. Seeds bronze. Cultivated. Seed.
- 454027. ETS 2787. CIMMYT. G3-770-1. Seeds bronze. Cultivated. Seed.
- 454028. ETS 2787. CIMMYT. G3-770-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

454029. ETS 2789. CIMMYT. G3-772-1. Seeds white. Cultivated. Seed.
454030. ETS 2789. CIMMYT. G3-772-2. Seeds white. Cultivated. Seed.
454031. ETS 2792. CIMMYT. G3-773-1. Seeds white. Cultivated. Seed.
454032. ETS 2792. CIMMYT. G3-773-2. Seeds white. Cultivated. Seed.
454033. ETS 2793. CIMMYT. G3-774-1. Seeds red. Cultivated. Seed.
454034. ETS 2793. CIMMYT. G3-774-2. Seeds red. Cultivated. Seed.
454035. ETS 2794. CIMMYT. G3-775-1. Seeds red. Cultivated. Seed.
454036. ETS 2794. CIMMYT. G3-775-2. Seeds red. Cultivated. Seed.
454037. ETS 2795. CIMMYT. G3-776-1. Seeds white. Cultivated. Seed.
454038. ETS 2795. CIMMYT. G3-776-2. Seeds white. Cultivated. Seed.
454039. ETS 2796. CIMMYT. G3-777-1. Endosperm yellow. Cultivated. Seed.
454040. ETS 2796. CIMMYT. G3-777-2. Endosperm yellow. Cultivated. Seed.
454041. ETS 2796. CIMMYT. G3-777-3. Endosperm yellow. Cultivated. Seed.
454042. ETS 2797. CIMMYT. G3-778-1. Seeds red. Cultivated. Seed.
454043. ETS 2797. CIMMYT. G3-778-2. Seeds red. Cultivated. Seed.
454044. ETS 2798. CIMMYT. G3-779-1. Seeds white. Cultivated. Seed.
454045. ETS 2798. CIMMYT. G3-779-2. Seeds white. Cultivated. Seed.
454046. ETS 2799. CIMMYT. G3-780-1. Seeds red. Cultivated. Seed.
454047. ETS 2799. CIMMYT. G3-780-2. Seeds red. Cultivated. Seed.
454048. ETS 2800. CIMMYT. G3-781-1. Seeds red. Cultivated. Seed.
454049. ETS 2800. CIMMYT. G3-781-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

454050. ETS 2801. CIMMYT. G3-782-1. Seeds bronze. Cultivated. Seed.
454051. ETS 2801. CIMMYT. G3-782-2. Seeds bronze. Cultivated. Seed.
454052. ETS 2802. CIMMYT. G3-783-1. Seeds bronze. Cultivated. Seed.
454053. ETS 2802. CIMMYT. G3-783-2. Seeds bronze. Cultivated. Seed.
454054. ETS 2803. CIMMYT. G3-784-1. Seeds bronze. Cultivated. Seed.
454055. ETS 2803. CIMMYT. G3-784-2. Seeds bronze. Cultivated. Seed.
454056. ETS 2804. CIMMYT. G3-785-1. Seeds white. Cultivated. Seed.
454057. ETS 2804. CIMMYT. G3-785-2. Seeds white. Cultivated. Seed.
454058. ETS 2805. CIMMYT. G3-786-1. Seeds white. Cultivated. Seed.
454059. ETS 2805. CIMMYT. G3-786-2. Seeds white. Cultivated. Seed.
454060. ETS 2806. CIMMYT. G3-787-1. Seeds bronze. Cultivated. Seed.
454061. ETS 2806. CIMMYT. G3-787-2. Seeds bronze. Cultivated. Seed.
454062. ETS 2807. CIMMYT. G3-788-1. Seeds red. Cultivated. Seed.
454063. ETS 2807. CIMMYT. G3-788-2. Seeds red. Cultivated. Seed.
454064. ETS 2808. CIMMYT. G3-789-1. Seeds bronze. Cultivated. Seed.
454065. ETS 2808. CIMMYT. G3-789-2. Seeds bronze. Cultivated. Seed.
454066. ETS 2808. CIMMYT. G3-789-3. Seeds bronze. Cultivated. Seed.
454067. ETS 2809. CIMMYT. G3-790-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

454068. ETS 2809. CIMMYT. G3-790-2. Seeds bronze. Cultivated. Seed.
454069. ETS 2810. CIMMYT. G3-791-1. Seeds bronze. Cultivated. Seed.
454070. ETS 2810. CIMMYT. G3-791-2. Seeds bronze. Cultivated. Seed.
454071. ETS 2811. CIMMYT. G3-792-1. Seeds bronze. Cultivated. Seed.
454072. ETS 2811. CIMMYT. G3-792-2. Seeds bronze. Cultivated. Seed.
454073. ETS 2812. CIMMYT. G3-793-1. Seeds bronze. Cultivated. Seed.
454074. ETS 2812. CIMMYT. G3-793-2. Seeds bronze. Cultivated. Seed.
454075. ETS 2813. CIMMYT. G3-794-1. Seeds white. Cultivated. Seed.
454076. ETS 2813. CIMMYT. G3-794-2. Seeds white. Cultivated. Seed.
454077. ETS 2814. CIMMYT. G3-795-1. Seeds white. Cultivated. Seed.
454078. ETS 2814. CIMMYT. G3-795-2. Seeds white. Cultivated. Seed.
454079. ETS 2814. CIMMYT. G3-795-3. Seeds white. Cultivated. Seed.
454080. ETS 2815. CIMMYT. G3-796-1. Seeds bronze. Cultivated. Seed.
454081. ETS 2815. CIMMYT. G3-796-2. Seeds bronze. Cultivated. Seed.
454082. ETS 2816. CIMMYT. G3-797-1. Endosperm yellow. Cultivated. Seed.
454083. ETS 2816. CIMMYT. G3-797-2. Endosperm yellow. Cultivated. Seed.
454084. ETS 2817. CIMMYT. G3-798-1. Endosperm yellow. Cultivated. Seed.
454085. ETS 2817. CIMMYT. G3-798-2. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

454086. ETS 2817. CIMMYT. G3-798-3. Endosperm yellow. Cultivated.
Seed.
454087. ETS 2818. CIMMYT. G3-799-1. Seeds white. Cultivated.
Seed.
454088. ETS 2818. CIMMYT. G3-799-2. Seeds white. Cultivated.
Seed.
454089. ETS 2819. CIMMYT. G3-800-1. Seeds bronze. Cultivated.
Seed.
454090. ETS 2819. CIMMYT. G3-800-2. Seeds bronze. Cultivated.
Seed.
454091. ETS 2820. CIMMYT. G3-801-1. Seeds white. Cultivated.
Seed.
454092. ETS 2820. CIMMYT. G3-801-2. Seeds white. Cultivated.
Seed.
454093. ETS 2821. CIMMYT. G3-802-1. Seeds white. Cultivated.
Seed.
454094. ETS 2821. CIMMYT. G3-802-2. Seeds white. Cultivated.
Seed.
454095. ETS 2822. CIMMYT. G3-803-1. Endosperm yellow. Cultivated.
Seed.
454096. ETS 2822. CIMMYT. G3-803-2. Endosperm yellow. Cultivated.
Seed.
454097. ETS 2823. CIMMYT. G3-804-1. Endosperm yellow. Cultivated.
Seed.
454098. ETS 2823. CIMMYT. G3-804-2. Endosperm yellow. Cultivated.
Seed.
454099. ETS 2823. CIMMYT. G3-804-3. Endosperm yellow. Cultivated.
Seed.
454100. ETS 2824. CIMMYT. G3-805-1. Endosperm yellow. Cultivated.
Seed.
454101. ETS 2824. CIMMYT. G3-805-2. Endosperm yellow. Cultivated.
Seed.
454102. ETS 2824. CIMMYT. G3-805-3. Endosperm yellow. Cultivated.
Seed.

452502 TO 457915-continued

454103. ETS 2825. CIMMYT. G3-806-1. Seeds white. Cultivated. Seed.
454104. ETS 2825. CIMMYT. G3-806-2. Seeds white. Cultivated. Seed.
454105. ETS 2826. CIMMYT. G3-807-1. Seeds red. Cultivated. Seed.
454106. ETS 2826. CIMMYT. G3-807-2. Seeds red. Cultivated. Seed.
454107. ETS 2827. CIMMYT. G3-808-1. Endosperm yellow. Cultivated. Seed.
454108. ETS 2827. CIMMYT. G3-808-2. Endosperm yellow. Cultivated. Seed.
454109. ETS 2827. CIMMYT. G3-808-3. Endosperm yellow. Cultivated. Seed.
454110. ETS 2829. CIMMYT. G3-809-1. Endosperm yellow. Cultivated. Seed.
454111. ETS 2829. CIMMYT. G3-809-2. Endosperm yellow. Cultivated. Seed.
454112. ETS 2829. CIMMYT. G3-809-3. Endosperm yellow. Cultivated. Seed.
454113. ETS 2830. CIMMYT. G3-810. Endosperm yellow. Cultivated. Seed.
454114. ETS 2831. CIMMYT. G3-811-1. Seeds bronze. Cultivated. Seed.
454115. ETS 2831. CIMMYT. G3-811-2. Seeds bronze. Cultivated. Seed.
454116. ETS 2831. CIMMYT. G3-811-3. Seeds bronze. Cultivated. Seed.
454117. ETS 2832. CIMMYT. G3-812-1. Seeds white. Cultivated. Seed.
454118. ETS 2832. CIMMYT. G3-812-2. Seeds white. Cultivated. Seed.
454119. ETS 2833. CIMMYT. G3-813. Endosperm yellow. Cultivated. Seed.
454120. ETS 2834. CIMMYT. G3-814-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

454121. ETS 2834. CIMMYT. G3-814-2. Seeds bronze. Cultivated. Seed.
454122. ETS 2835. CIMMYT. G3-815-1. Seeds bronze. Cultivated. Seed.
454123. ETS 2835. CIMMYT. G3-815-2. Seeds bronze. Cultivated. Seed.
454124. ETS 2836. CIMMYT. G3-816-1. Endosperm yellow. Cultivated. Seed.
454125. ETS 2836. CIMMYT. G3-816-2. Endosperm yellow. Cultivated. Seed.
454126. ETS 2836. CIMMYT. G3-816-3. Endosperm yellow. Cultivated. Seed.
454127. ETS 2837. CIMMYT. G3-817-1. Endosperm yellow. Cultivated. Seed.
454128. ETS 2837. CIMMYT. G3-817-2. Endosperm yellow. Cultivated. Seed.
454129. ETS 2838. CIMMYT. G3-818-1. Seeds white. Cultivated. Seed.
454130. ETS 2838. CIMMYT. G3-818-2. Seeds white. Cultivated. Seed.
454131. ETS 2838. CIMMYT. G3-818-3. Seeds white. Cultivated. Seed.
454132. ETS 2839. CIMMYT. G3-819-1. Endosperm yellow. Cultivated. Seed.
454133. ETS 2839. CIMMYT. G3-819-2. Endosperm yellow. Cultivated. Seed.
454134. ETS 2840. CIMMYT. G3-820-1. Seeds bronze. Cultivated. Seed.
454135. ETS 2840. CIMMYT. G3-820-2. Seeds bronze. Cultivated. Seed.
454136. ETS 2840. CIMMYT. G3-820-3. Seeds bronze. Cultivated. Seed.
454137. ETS 2841. CIMMYT. G3-821-1. Seeds bronze. Cultivated. Seed.
454138. ETS 2841. CIMMYT. G3-821-2. Seeds bronze. Cultivated.

452502 TO 457915-continued

Seed.

- 454139. ETS 2841. CIMMYT. G3-821-3. Seeds bronze. Cultivated. Seed.
- 454140. ETS 2842. CIMMYT. G3-822-1. Endosperm yellow. Cultivated. Seed.
- 454141. ETS 2842. CIMMYT. G3-822-2. Endosperm yellow. Cultivated. Seed.
- 454142. ETS 2843. CIMMYT. G3-823-1. Endosperm yellow. Cultivated. Seed.
- 454143. ETS 2843. CIMMYT. G3-823-2. Endosperm yellow. Cultivated. Seed.
- 454144. ETS 2844. CIMMYT. G3-824-1. Seeds white. Cultivated. Seed.
- 454145. ETS 2844. CIMMYT. G3-824-2. Seeds white. Cultivated. Seed.
- 454146. ETS 2845. CIMMYT. G3-825-1. Seeds bronze. Cultivated. Seed.
- 454147. ETS 2845. CIMMYT. G3-825-2. Seeds bronze. Cultivated. Seed.
- 454148. ETS 2845. CIMMYT. G3-825-3. Seeds bronze. Cultivated. Seed.
- 454149. ETS 2846. CIMMYT. G3-826-1. Seeds bronze. Cultivated. Seed.
- 454150. ETS 2846. CIMMYT. G3-826-2. Seeds bronze. Cultivated. Seed.
- 454151. ETS 2847. CIMMYT. G3-827-1. Seeds bronze. Cultivated. Seed.
- 454152. ETS 2847. CIMMYT. G3-827-2. Seeds bronze. Cultivated. Seed.
- 454153. ETS 2848. CIMMYT. G3-828-1. Seeds white. Cultivated. Seed.
- 454154. ETS 2848. CIMMYT. G3-828-2. Seeds white. Cultivated. Seed.
- 454155. ETS 2848. CIMMYT. G3-828-3. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

454156. ETS 2850. CIMMYT. G3-829-1. Seeds bronze. Cultivated. Seed.
454157. ETS 2850. CIMMYT. G3-829-2. Seeds bronze. Cultivated. Seed.
454158. ETS 2855. CIMMYT. G3-830-1. Seeds bronze. Cultivated. Seed.
454159. ETS 2855. CIMMYT. G3-830-2. Seeds bronze. Cultivated. Seed.
454160. ETS 2856. CIMMYT. G3-831-1. Seeds white. Cultivated. Seed.
454161. ETS 2856. CIMMYT. G3-831-2. Seeds white. Cultivated. Seed.
454162. ETS 2857. CIMMYT. G3-832-1. Seeds bronze. Cultivated. Seed.
454163. ETS 2857. CIMMYT. G3-832-2. Seeds bronze. Cultivated. Seed.
454164. ETS 2860. CIMMYT. G3-835. Endosperm yellow. Cultivated. Seed.
454165. ETS 2861. CIMMYT. G3-836-1. Endosperm yellow. Cultivated. Seed.
454166. ETS 2861. CIMMYT. G3-836-2. Endosperm yellow. Cultivated. Seed.
454167. ETS 2862. CIMMYT. G3-837-1. Seeds white. Cultivated. Seed.
454168. ETS 2862. CIMMYT. G3-837-2. Seeds white. Cultivated. Seed.
454169. ETS 2864. CIMMYT. G3-839-1. Endosperm yellow. Cultivated. Seed.
454170. ETS 2864. CIMMYT. G3-839-2. Endosperm yellow. Cultivated. Seed.
454171. ETS 2865. CIMMYT. G3-840-1. Seeds white. Cultivated. Seed.
454172. ETS 2865. CIMMYT. G3-840-2. Seeds white. Cultivated. Seed.
454173. ETS 2866. CIMMYT. G3-841. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

454174. ETS 2867. CIMMYT. G3-842-1. Seeds red. Cultivated. Seed.
454175. ETS 2867. CIMMYT. G3-842-2. Seeds red. Cultivated. Seed.
454176. ETS 2867. CIMMYT. G3-842-3. Seeds red. Cultivated. Seed.
454177. ETS 2868. CIMMYT. G3-843-1. Seeds white. Cultivated.
Seed.
454178. ETS 2868. CIMMYT. G3-843-2. Seeds white. Cultivated.
Seed.
454179. ETS 2869. CIMMYT. G3-844-1. Seeds bronze. Cultivated.
Seed.
454180. ETS 2869. CIMMYT. G3-844-2. Seeds bronze. Cultivated.
Seed.
454181. ETS 2870. CIMMYT. G3-845-1. Seeds white. Cultivated.
Seed.
454182. ETS 2870. CIMMYT. G3-845-2. Seeds white. Cultivated.
Seed.
454183. ETS 2871. CIMMYT. G3-846-1. Endosperm yellow. Cultivated.
Seed.
454184. ETS 2871. CIMMYT. G3-846-2. Endosperm yellow. Cultivated.
Seed.
454185. ETS 2871. CIMMYT. G3-846-3. Endosperm yellow. Cultivated.
Seed.
454186. ETS 2872. CIMMYT. G3-847-1. Endosperm yellow. Cultivated.
Seed.
454187. ETS 2872. CIMMYT. G3-847-2. Endosperm yellow. Cultivated.
Seed.
454188. ETS 2874. CIMMYT. G3-848-1. Seeds bronze. Cultivated.
Seed.
454189. ETS 2874. CIMMYT. G3-848-2. Seeds bronze. Cultivated.
Seed.
454190. ETS 2875. CIMMYT. G3-849-1. Endosperm yellow. Cultivated.
Seed.
454191. ETS 2875. CIMMYT. G3-849-2. Endosperm yellow. Cultivated.
Seed.
454192. ETS 2877. CIMMYT. G3-851-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

454193. ETS 2877. CIMMYT. G3-851-2. Seeds bronze. Cultivated.
Seed.
454194. ETS 2878. CIMMYT. G3-852-1. Endosperm yellow. Cultivated.
Seed.
454195. ETS 2878. CIMMYT. G3-852-2. Endosperm yellow. Cultivated.
Seed.
454196. ETS 2878. CIMMYT. G3-852-3. Endosperm yellow. Cultivated.
Seed.
454197. ETS 2879. CIMMYT. G3-853-1. Endosperm yellow. Cultivated.
Seed.
454198. ETS 2879. CIMMYT. G3-853-2. Endosperm yellow. Cultivated.
Seed.
454199. ETS 2880. CIMMYT. G3-854-1. Endosperm yellow. Cultivated.
Seed.
454200. ETS 2880. CIMMYT. G3-854-2. Endosperm yellow. Cultivated.
Seed.
454201. ETS 2881. CIMMYT. G3-855-1. Endosperm yellow. Cultivated.
Seed.
454202. ETS 2881. CIMMYT. G3-855-2. Endosperm yellow. Cultivated.
Seed.
454203. ETS 2883. CIMMYT. G3-856-1. Seeds red. Cultivated. Seed.
454204. ETS 2883. CIMMYT. G3-856-2. Seeds red. Cultivated. Seed.
454205. ETS 2884. CIMMYT. G3-857-1. Seeds bronze. Cultivated.
Seed.
454206. ETS 2884. CIMMYT. G3-857-2. Seeds bronze. Cultivated.
Seed.
454207. ETS 2884. CIMMYT. G3-857-3. Seeds bronze. Cultivated.
Seed.
454208. ETS 2885. CIMMYT. G3-858. Endosperm yellow. Cultivated.
Seed.
454209. ETS 2887. CIMMYT. G3-860-1. Seeds bronze. Cultivated.
Seed.
454210. ETS 2887. CIMMYT. G3-860-2. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

- 454211. ETS 2888. CIMMYT. G3-861-1. Seeds red. Cultivated. Seed.
- 454212. ETS 2888. CIMMYT. G3-861-2. Seeds red. Cultivated. Seed.
- 454213. ETS 2889. CIMMYT. G3-862-1. Seeds bronze. Cultivated. Seed.
- 454214. ETS 2889. CIMMYT. G3-862-2. Seeds bronze. Cultivated. Seed.
- 454215. ETS 2890. CIMMYT. G3-863-1. Seeds bronze. Cultivated. Seed.
- 454216. ETS 2890. CIMMYT. G3-863-2. Seeds bronze. Cultivated. Seed.
- 454217. ETS 2892. CIMMYT. G3-865-1. Seeds red. Cultivated. Seed.
- 454218. ETS 2892. CIMMYT. G3-865-2. Seeds red. Cultivated. Seed.
- 454219. ETS 2893. CIMMYT. G3-866-1. Seeds red. Cultivated. Seed.
- 454220. ETS 2893. CIMMYT. G3-866-2. Seeds red. Cultivated. Seed.
- 454221. ETS 2894. CIMMYT. G3-867-1. Endosperm yellow. Cultivated. Seed.
- 454222. ETS 2894. CIMMYT. G3-867-2. Endosperm yellow. Cultivated. Seed.
- 454223. ETS 2894. CIMMYT. G3-867-3. Endosperm yellow. Cultivated. Seed.
- 454224. ETS 2896. CIMMYT. G3-869-1. Seeds bronze. Cultivated. Seed.
- 454225. ETS 2896. CIMMYT. G3-869-2. Seeds bronze. Cultivated. Seed.
- 454226. ETS 2896. CIMMYT. G3-869-3. Seeds bronze. Cultivated. Seed.
- 454227. ETS 2897. CIMMYT. G3-870-1. Endosperm yellow. Cultivated. Seed.
- 454228. ETS 2897. CIMMYT. G3-870-2. Endosperm yellow. Cultivated. Seed.
- 454229. ETS 2899. CIMMYT. G3-872-1. Endosperm yellow. Cultivated. Seed.
- 454230. ETS 2899. CIMMYT. G3-872-2. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

454231. ETS 2899. CIMMYT. G3-872-3. Endosperm yellow. Cultivated. Seed.
454232. ETS 2900. CIMMYT. G3-873-1. Seeds red. Cultivated. Seed.
454233. ETS 2900. CIMMYT. G3-873-2. Seeds red. Cultivated. Seed.
454234. ETS 2902. CIMMYT. G3-875-1. Seeds bronze. Cultivated. Seed.
454235. ETS 2902. CIMMYT. G3-875-2. Seeds bronze. Cultivated. Seed.
454236. ETS 2903. CIMMYT. G3-876-1. Seeds bronze. Cultivated. Seed.
454237. ETS 2903. CIMMYT. G3-876-2. Seeds bronze. Cultivated. Seed.
454238. ETS 2903. CIMMYT. G3-876-3. Seeds bronze. Cultivated. Seed.
454239. ETS 2906. CIMMYT. G3-879-1. Seeds white. Cultivated. Seed.
454240. ETS 2906. CIMMYT. G3-879-2. Seeds white. Cultivated. Seed.
454241. ETS 2908. CIMMYT. G3-881-1. Seeds white. Cultivated. Seed.
454242. ETS 2908. CIMMYT. G3-881-2. Seeds white. Cultivated. Seed.
454243. ETS 2909. CIMMYT. G3-882-1. Endosperm yellow. Cultivated. Seed.
454244. ETS 2909. CIMMYT. G3-882-2. Endosperm yellow. Cultivated. Seed.
454245. ETS 2915. CIMMYT. G3-888-1. Seeds bronze. Cultivated. Seed.
454246. ETS 2915. CIMMYT. G3-888-2. Seeds bronze. Cultivated. Seed.
454247. ETS 2915. CIMMYT. G3-888-3. Seeds bronze. Cultivated. Seed.
454248. ETS 2916. CIMMYT. G3-889-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

454249. ETS 2916. CIMMYT. G3-889-2. Seeds red. Cultivated. Seed.
454250. ETS 2917. CIMMYT. G3-890-1. Seeds bronze. Cultivated. Seed.
454251. ETS 2917. CIMMYT. G3-890-2. Seeds bronze. Cultivated. Seed.
454252. ETS 2920. CIMMYT. G3-892-1. Endosperm yellow. Cultivated. Seed.
454253. ETS 2920. CIMMYT. G3-892-2. Endosperm yellow. Cultivated. Seed.
454254. ETS 2923. CIMMYT. G3-895-1. Seeds bronze. Cultivated. Seed.
454255. ETS 2923. CIMMYT. G3-895-2. Seeds bronze. Cultivated. Seed.
454256. ETS 2924. CIMMYT. G3-896-1. Seeds red. Cultivated. Seed.
454257. ETS 2924. CIMMYT. G3-896-2. Seeds red. Cultivated. Seed.
454258. ETS 2925. CIMMYT. G3-897. Endosperm yellow. Cultivated. Seed.
454259. ETS 2926. CIMMYT. G3-898-1. Endosperm yellow. Cultivated. Seed.
454260. ETS 2926. CIMMYT. G3-898-2. Endosperm yellow. Cultivated. Seed.
454261. ETS 2927. CIMMYT. G3-899-1. Seeds bronze. Cultivated. Seed.
454262. ETS 2927. CIMMYT. G3-899-2. Seeds bronze. Cultivated. Seed.
454263. ETS 2927. CIMMYT. G3-899-3. Seeds bronze. Cultivated. Seed.
454264. ETS 2928. CIMMYT. G3-900-1. Endosperm yellow. Cultivated. Seed.
454265. ETS 2928. CIMMYT. G3-900-2. Endosperm yellow. Cultivated. Seed.
454266. ETS 2929. CIMMYT. G3-901. Seeds red. Cultivated. Seed.
454267. ETS 2930. CIMMYT. G3-902-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 454268. ETS 2930. CIMMYT. G3-902-2. Seeds bronze. Cultivated. Seed.
- 454269. ETS 2931. CIMMYT. G3-903-1. Endosperm yellow. Cultivated. Seed.
- 454270. ETS 2931. CIMMYT. G3-903-2. Endosperm yellow. Cultivated. Seed.
- 454271. ETS 2931. CIMMYT. G3-903-3. Endosperm yellow. Cultivated. Seed.
- 454272. ETS 2932. CIMMYT. G3-904-1. Seeds bronze. Cultivated. Seed.
- 454273. ETS 2932. CIMMYT. G3-904-2. Seeds bronze. Cultivated. Seed.
- 454274. ETS 2933. CIMMYT. G3-905. Seeds red. Cultivated. Seed.
- 454275. ETS 2934. CIMMYT. G3-906-1. Seeds red. Cultivated. Seed.
- 454276. ETS 2934. CIMMYT. G3-906-2. Seeds red. Cultivated. Seed.
- 454277. ETS 2935. CIMMYT. G3-907-1. Seeds red. Cultivated. Seed.
- 454278. ETS 2935. CIMMYT. G3-907-2. Seeds red. Cultivated. Seed.
- 454279. ETS 2936-A. CIMMYT. G3-908-1. Endosperm yellow. Cultivated. Seed.
- 454280. ETS 2936-A. CIMMYT. G3-908-2. Endosperm yellow. Cultivated. Seed.
- 454281. ETS 2936-B. CIMMYT. G3-909-1. Endosperm yellow. Cultivated. Seed.
- 454282. ETS 2936-B. CIMMYT. G3-909-2. Endosperm yellow. Cultivated. Seed.
- 454283. ETS 2937. CIMMYT. G3-910-1. Seeds red. Cultivated. Seed.
- 454284. ETS 2937. CIMMYT. G3-910-2. Seeds red. Cultivated. Seed.
- 454285. ETS 2938. CIMMYT. G3-911-1. Seeds bronze. Cultivated. Seed.
- 454286. ETS 2938. CIMMYT. G3-911-2. Seeds bronze. Cultivated. Seed.
- 454287. ETS 2939. CIMMYT. G3-912-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 454288. ETS 2939. CIMMYT. G3-912-2. Endosperm yellow. Cultivated. Seed.
- 454289. ETS 2939. CIMMYT. G3-912-3. Endosperm yellow. Cultivated. Seed.
- 454290. ETS 2939. CIMMYT. G3-912-4. Endosperm yellow. Cultivated. Seed.
- 454291. ETS 2940. CIMMYT. G3-913-1. Seeds red. Cultivated. Seed.
- 454292. ETS 2940. CIMMYT. G3-913-2. Seeds red. Cultivated. Seed.
- 454293. ETS 2941. CIMMYT. G3-914-1. Endosperm yellow. Cultivated. Seed.
- 454294. ETS 2941. CIMMYT. G3-914-2. Endosperm yellow. Cultivated. Seed.
- 454295. ETS 2944. CIMMYT. G3-917-1. Seeds red. Cultivated. Seed.
- 454296. ETS 2944. CIMMYT. G3-917-2. Seeds red. Cultivated. Seed.
- 454297. ETS 2946. CIMMYT. G3-918-1. Endosperm yellow. Cultivated. Seed.
- 454298. ETS 2946. CIMMYT. G3-918-2. Endosperm yellow. Cultivated. Seed.
- 454299. ETS 2946. CIMMYT. G3-918-3. Endosperm yellow. Cultivated. Seed.
- 454300. ETS 2947. CIMMYT. G3-919-1. Endosperm yellow. Cultivated. Seed.
- 454301. ETS 2947. CIMMYT. G3-919-2. Endosperm yellow. Cultivated. Seed.
- 454302. ETS 2948. CIMMYT. G3-920-1. Endosperm yellow. Cultivated. Seed.
- 454303. ETS 2948. CIMMYT. G3-920-2. Endosperm yellow. Cultivated. Seed.
- 454304. ETS 2949. CIMMYT. G3-921-1. Endosperm yellow. Cultivated. Seed.
- 454305. ETS 2949. CIMMYT. G3-921-2. Endosperm yellow. Cultivated. Seed.
- 454306. ETS 2950. CIMMYT. G3-922-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

454307. ETS 2950. CIMMYT. G3-922-2. Endosperm yellow. Cultivated. Seed.
454308. ETS 2951. CIMMYT. G3-923-1. Endosperm yellow. Cultivated. Seed.
454309. ETS 2951. CIMMYT. G3-923-2. Endosperm yellow. Cultivated. Seed.
454310. ETS 2952. CIMMYT. G3-924-1. Endosperm yellow. Cultivated. Seed.
454311. ETS 2952. CIMMYT. G3-924-2. Endosperm yellow. Cultivated. Seed.
454312. ETS 2954. CIMMYT. G3-926-1. Endosperm yellow. Cultivated. Seed.
454313. ETS 2954. CIMMYT. G3-926-2. Endosperm yellow. Cultivated. Seed.
454314. ETS 2955. CIMMYT. G3-927-1. Seeds white. Cultivated. Seed.
454315. ETS 2955. CIMMYT. G3-927-2. Seeds white. Cultivated. Seed.
454316. ETS 2957. CIMMYT. G3-929-1. Endosperm yellow. Cultivated. Seed.
454317. ETS 2957. CIMMYT. G3-929-2. Endosperm yellow. Cultivated. Seed.
454318. ETS 2958. CIMMYT. G3-930-1. Endosperm yellow. Cultivated. Seed.
454319. ETS 2958. CIMMYT. G3-930-2. Endosperm yellow. Cultivated. Seed.
454320. ETS 2959. CIMMYT. G3-931-1. Endosperm yellow. Cultivated. Seed.
454321. ETS 2959. CIMMYT. G3-931-2. Endosperm yellow. Cultivated. Seed.
454322. ETS 2960. CIMMYT. G3-932-1. Endosperm yellow. Cultivated. Seed.
454323. ETS 2960. CIMMYT. G3-932-2. Endosperm yellow. Cultivated. Seed.
454324. ETS 2960. CIMMYT. G3-932-3. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

- 454325. ETS 2961. CIMMYT. G3-933-1. Endosperm yellow. Cultivated. Seed.
- 454326. ETS 2961. CIMMYT. G3-933-2. Endosperm yellow. Cultivated. Seed.
- 454327. ETS 2961. CIMMYT. G3-933-3. Endosperm yellow. Cultivated. Seed.
- 454328. ETS 2961. CIMMYT. G3-933-4. Endosperm yellow. Cultivated. Seed.
- 454329. ETS 2963. CIMMYT. G3-934-1. Endosperm yellow. Cultivated. Seed.
- 454330. ETS 2963. CIMMYT. G3-934-2. Endosperm yellow. Cultivated. Seed.
- 454331. ETS 2963. CIMMYT. G3-934-3. Endosperm yellow. Cultivated. Seed.
- 454332. ETS 2963. CIMMYT. G3-934-4. Endosperm yellow. Cultivated. Seed.
- 454333. ETS 2965. CIMMYT. G3-936-1. Endosperm yellow. Cultivated. Seed.
- 454334. ETS 2965. CIMMYT. G3-936-2. Endosperm yellow. Cultivated. Seed.
- 454335. ETS 2966. CIMMYT. G3-937-1. Endosperm yellow. Cultivated. Seed.
- 454336. ETS 2966. CIMMYT. G3-937-2. Endosperm yellow. Cultivated. Seed.
- 454337. ETS 2967. CIMMYT. G3-938-1. Endosperm yellow. Cultivated. Seed.
- 454338. ETS 2967. CIMMYT. G3-938-2. Endosperm yellow. Cultivated. Seed.
- 454339. ETS 2967. CIMMYT. G3-938-3. Endosperm yellow. Cultivated. Seed.
- 454340. ETS 2968-A. CIMMYT. G3-939-1. Seeds bronze. Cultivated. Seed.
- 454341. ETS 2968-A. CIMMYT. G3-939-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

454342. ETS 2969. CIMMYT. G3-941-1. Seeds bronze. Cultivated. Seed.
454343. ETS 2969. CIMMYT. G3-941-2. Seeds bronze. Cultivated. Seed.
454344. ETS 2969. CIMMYT. G3-941-3. Seeds bronze. Cultivated. Seed.
454345. ETS 2972. CIMMYT. G3-944-1. Seeds red. Cultivated. Seed.
454346. ETS 2972. CIMMYT. G3-944-2. Seeds red. Cultivated. Seed.
454347. ETS 2972. CIMMYT. G3-944-3. Seeds red. Cultivated. Seed.
454348. ETS 2972. CIMMYT. G3-944-4. Seeds red. Cultivated. Seed.
454349. ETS 2973. CIMMYT. G3-945-1. Seeds red. Cultivated. Seed.
454350. ETS 2973. CIMMYT. G3-945-2. Seeds red. Cultivated. Seed.
454351. ETS 2979. CIMMYT. G3-951-1. Seeds red. Cultivated. Seed.
454352. ETS 2979. CIMMYT. G3-951-2. Seeds red. Cultivated. Seed.
454353. ETS 2980. CIMMYT. G3-952-1. Seeds red. Cultivated. Seed.
454354. ETS 2980. CIMMYT. G3-952-2. Seeds red. Cultivated. Seed.
454355. ETS 2981. CIMMYT. G3-953-1. Seeds red. Cultivated. Seed.
454356. ETS 2981. CIMMYT. G3-953-2. Seeds red. Cultivated. Seed.
454357. ETS 2981. CIMMYT. G3-953-3. Seeds red. Cultivated. Seed.
454358. ETS 2982. CIMMYT. G3-954-1. Seeds red. Cultivated. Seed.
454359. ETS 2982. CIMMYT. G3-954-2. Seeds red. Cultivated. Seed.
454360. ETS 2982. CIMMYT. G3-954-3. Seeds red. Cultivated. Seed.
454361. ETS 2983. CIMMYT. G3-955-1. Seeds red. Cultivated. Seed.
454362. ETS 2983. CIMMYT. G3-955-2. Seeds red. Cultivated. Seed.
454363. ETS 2984. CIMMYT. G3-956-1. Seeds bronze. Cultivated. Seed.
454364. ETS 2984. CIMMYT. G3-956-2. Seeds bronze. Cultivated. Seed.
454365. ETS 2984. CIMMYT. G3-956-3. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 454366. ETS 2986. CIMMYT. G3-958-1. Seeds bronze. Cultivated. Seed.
- 454367. ETS 2986. CIMMYT. G3-958-2. Seeds bronze. Cultivated. Seed.
- 454368. ETS 2987. CIMMYT. G3-959-1. Seeds bronze. Cultivated. Seed.
- 454369. ETS 2987. CIMMYT. G3-959-2. Seeds bronze. Cultivated. Seed.
- 454370. ETS 2987. CIMMYT. G3-959-3. Seeds bronze. Cultivated. Seed.
- 454371. ETS 2988. CIMMYT. G3-969-1. Seeds bronze. Cultivated. Seed.
- 454372. ETS 2988. CIMMYT. G3-969-2. Seeds bronze. Cultivated. Seed.
- 454373. ETS 2988. CIMMYT. G3-969-3. Seeds bronze. Cultivated. Seed.
- 454374. ETS 2989. CIMMYT. G3-961-1. Seeds white. Cultivated. Seed.
- 454375. ETS 2989. CIMMYT. G3-961-2. Seeds white. Cultivated. Seed.
- 454376. ETS 2989. CIMMYT. G3-961-3. Seeds white. Cultivated. Seed.
- 454377. ETS 2990. CIMMYT. G3-962-1. Seeds white. Cultivated. Seed.
- 454378. ETS 2990. CIMMYT. G3-962-2. Seeds white. Cultivated. Seed.
- 454379. ETS 2990. CIMMYT. G3-962-3. Seeds white. Cultivated. Seed.
- 454380. ETS 2990. CIMMYT. G3-962-4. Seeds white. Cultivated. Seed.
- 454381. ETS 2991. CIMMYT. G3-963-1. Endosperm yellow. Cultivated. Seed.
- 454382. ETS 2991. CIMMYT. G3-963-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 454383. ETS 2991. CIMMYT. G3-963-3. Endosperm yellow. Cultivated. Seed.
- 454384. ETS 2993. CIMMYT. G3-965-1. Endosperm yellow. Cultivated. Seed.
- 454385. ETS 2993. CIMMYT. G3-965-2. Endosperm yellow. Cultivated. Seed.
- 454386. ETS 2993. CIMMYT. G3-965-3. Endosperm yellow. Cultivated. Seed.
- 454387. ETS 2994. CIMMYT. G3-966-1. Seeds bronze. Cultivated. Seed.
- 454388. ETS 2994. CIMMYT. G3-966-2. Seeds bronze. Cultivated. Seed.
- 454389. ETS 2994. CIMMYT. G3-966-3. Seeds bronze. Cultivated. Seed.
- 454390. ETS 2996. CIMMYT. G3-968. Seeds bronze. Cultivated. Seed.
- 454391. ETS 2997. CIMMYT. G3-969-1. Seeds bronze. Cultivated. Seed.
- 454392. ETS 2997. CIMMYT. G3-969-2. Seeds bronze. Cultivated. Seed.
- 454393. ETS 2999. CIMMYT. G3-971-1. Endosperm yellow. Cultivated. Seed.
- 454394. ETS 2999. CIMMYT. G3-971-2. Endosperm yellow. Cultivated. Seed.
- 454395. ETS 3000. CIMMYT. G3-972-1. Seeds red. Cultivated. Seed.
- 454396. ETS 3000. CIMMYT. G3-972-2. Seeds red. Cultivated. Seed.
- 454397. ETS 3005. CIMMYT. G3-976. Seeds red. Cultivated. Seed.
- 454398. ETS 3006. CIMMYT. G3-977-1. Seeds red. Cultivated. Seed.
- 454399. ETS 3006. CIMMYT. G3-977-2. Seeds red. Cultivated. Seed.
- 454400. ETS 3006. CIMMYT. G3-977-3. Seeds red. Cultivated. Seed.
- 454401. ETS 3007. CIMMYT. G3-978-1. Seeds red. Cultivated. Seed.
- 454402. ETS 3007. CIMMYT. G3-978-2. Seeds red. Cultivated. Seed.
- 454403. ETS 3007. CIMMYT. G3-978-3. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 454404. ETS 3007. CIMMYT. G3-978-4. Seeds red. Cultivated. Seed.
- 454405. ETS 3008. CIMMYT. G3-979-1. Seeds red. Cultivated. Seed.
- 454406. ETS 3008. CIMMYT. G3-979-2. Seeds red. Cultivated. Seed.
- 454407. ETS 3008. CIMMYT. G3-979-3. Seeds red. Cultivated. Seed.
- 454408. ETS 3009. CIMMYT. G3-980-1. Seeds bronze. Cultivated. Seed.
- 454409. ETS 3009. CIMMYT. G3-980-2. Seeds bronze. Cultivated. Seed.
- 454410. ETS 3009. CIMMYT. G3-980-3. Seeds bronze. Cultivated. Seed.
- 454411. ETS 3010. CIMMYT. G3-981-1. Endosperm yellow. Cultivated. Seed.
- 454412. ETS 3010. CIMMYT. G3-981-2. Endosperm yellow. Cultivated. Seed.
- 454413. ETS 3010. CIMMYT. G3-981-3. Endosperm yellow. Cultivated. Seed.
- 454414. ETS 3011. CIMMYT. G3-982-1. Endosperm yellow. Cultivated. Seed.
- 454415. ETS 3011. CIMMYT. G3-982-2. Endosperm yellow. Cultivated. Seed.
- 454416. ETS 3011. CIMMYT. G3-982-3. Endosperm yellow. Cultivated. Seed.
- 454417. ETS 3012. CIMMYT. G3-983-1. Endosperm yellow. Cultivated. Seed.
- 454418. ETS 3012. CIMMYT. G3-983-2. Endosperm yellow. Cultivated. Seed.
- 454419. ETS 3012. CIMMYT. G3-983-3. Endosperm yellow. Cultivated. Seed.
- 454420. ETS 3014. CIMMYT. G3-985-1. Endosperm yellow. Cultivated. Seed.
- 454421. ETS 3014. CIMMYT. G3-985-2. Endosperm yellow. Cultivated. Seed.
- 454422. ETS 3015. CIMMYT. G3-986-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

454423. ETS 3015. CIMMYT. G3-986-2. Endosperm yellow. Cultivated. Seed.
454424. ETS 3015. CIMMYT. G3-986-3. Endosperm yellow. Cultivated. Seed.
454425. ETS 3016. CIMMYT. G3-987-1. Endosperm yellow. Cultivated. Seed.
454426. ETS 3016. CIMMYT. G3-987-2. Endosperm yellow. Cultivated. Seed.
454427. ETS 3017. CIMMYT. G3-988-1. Endosperm yellow. Cultivated. Seed.
454428. ETS 3017. CIMMYT. G3-988-2. Endosperm yellow. Cultivated. Seed.
454429. ETS 3018. CIMMYT. G3-989-1. Seeds red. Cultivated. Seed.
454430. ETS 3018. CIMMYT. G3-989-2. Seeds red. Cultivated. Seed.
454431. ETS 3018. CIMMYT. G3-989-3. Seeds red. Cultivated. Seed.
454432. ETS 3021. CIMMYT. G3-992-1. Endosperm yellow. Cultivated. Seed.
454433. ETS 3021. CIMMYT. G3-992-2. Endosperm yellow. Cultivated. Seed.
454434. ETS 3022. CIMMYT. G3-993-1. Endosperm yellow. Cultivated. Seed.
454435. ETS 3022. CIMMYT. G3-993-2. Endosperm yellow. Cultivated. Seed.
454436. ETS 3022. CIMMYT. G3-933-3. Endosperm yellow. Cultivated. Seed.
454437. ETS 3023. CIMMYT. G3-994-1. Endosperm yellow. Cultivated. Seed.
454438. ETS 3023. CIMMYT. G3-994-2. Endosperm yellow. Cultivated. Seed.
454439. ETS 3024. CIMMYT. G3-995-1. Seeds bronze. Cultivated. Seed.
454440. ETS 3024. CIMMYT. G3-995-2. Seeds bronze. Cultivated. Seed.
454441. ETS 3026. CIMMYT. G3-996-1. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

- 454442. ETS 3026. CIMMYT. G3-996-2. Endosperm yellow. Cultivated. Seed.
- 454443. ETS 3026. CIMMYT. G3-996-3. Endosperm yellow. Cultivated. Seed.
- 454444. ETS 3027. CIMMYT. G3-997-1. Seeds white. Cultivated. Seed.
- 454445. ETS 3027. CIMMYT. G3-997-2. Seeds white. Cultivated. Seed.
- 454446. ETS 3028. CIMMYT. G3-998-1. Seeds bronze. Cultivated. Seed.
- 454447. ETS 3028. CIMMYT. G3-998-2. Seeds bronze. Cultivated. Seed.
- 454448. ETS 3029-A. CIMMYT. G3-999-1. Seeds bronze. Cultivated. Seed.
- 454449. ETS 3029-A. CIMMYT. G3-999-2. Seeds bronze. Cultivated. Seed.
- 454450. ETS 3029-B. CIMMYT. G3-1000-1. Seeds bronze. Cultivated. Seed.
- 454451. ETS 3029-B. CIMMYT. G3-1000-2. Seeds bronze. Cultivated. Seed.
- 454452. ETS 3030. CIMMYT. G3-1002. Seeds bronze. Cultivated. Seed.
- 454453. ETS 3031. CIMMYT. G3-1003-1. Seeds bronze. Cultivated. Seed.
- 454454. ETS 3031. CIMMYT. G3-1003-2. Seeds bronze. Cultivated. Seed.
- 454455. ETS 3036. CIMMYT. G3-1008-1. Endosperm yellow. Cultivated. Seed.
- 454456. ETS 3036. CIMMYT. G3-1008-2. Endosperm yellow. Cultivated. Seed.
- 454457. ETS 3038. CIMMYT. G3-1010-1. Endosperm yellow. Cultivated. Seed.
- 454458. ETS 3038. CIMMYT. G3-1010-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

454459. ETS 3039. CIMMYT. G3-1011-1. Endosperm yellow.
Cultivated. Seed.
454460. ETS 3039. CIMMYT. G3-1011-2. Endosperm yellow.
Cultivated. Seed.
454461. ETS 3040. CIMMYT. G3-1012-1. Endosperm yellow.
Cultivated. Seed.
454462. ETS 3040. CIMMYT. G3-1012-2. Endosperm yellow.
Cultivated. Seed.
454463. ETS 3041. CIMMYT. G3-1013-1. Endosperm yellow.
Cultivated. Seed.
454464. ETS 3041. CIMMYT. G3-1013-2. Endosperm yellow.
Cultivated. Seed.
454465. ETS 3042. CIMMYT. G3-1014-1. Endosperm yellow.
Cultivated. Seed.
454466. ETS 3042. CIMMYT. G3-1014-2. Endosperm yellow.
Cultivated. Seed.
454467. ETS 3045. CIMMYT. G3-1016-1. Endosperm yellow.
Cultivated. Seed.
454468. ETS 3045. CIMMYT. G3-1016-2. Endosperm yellow.
Cultivated. Seed.
454469. ETS 3048. CIMMYT. G3-1019-1. Endosperm yellow.
Cultivated. Seed.
454470. ETS 3048. CIMMYT. G3-1019-2. Endosperm yellow.
Cultivated. Seed.
454471. ETS 3053. CIMMYT. G3-1023-1. Seeds white. Cultivated.
Seed.
454472. ETS 3053. CIMMYT. G3-1023-2. Seeds white. Cultivated.
Seed.
454473. ETS 3054. CIMMYT. G3-1024-1. Endosperm yellow.
Cultivated. Seed.
454474. ETS 3054. CIMMYT. G3-1024-2. Endosperm yellow.
Cultivated. Seed.
454475. ETS 3055. CIMMYT. G3-1025-1. Seeds white. Cultivated.
Seed.
454476. ETS 3055. CIMMYT. G3-1025-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

454477. ETS 3056. CIMMYT. G3-1026-1. Seeds white. Cultivated.
Seed.
454478. ETS 3056. CIMMYT. G3-1026-2. Seeds white. Cultivated.
Seed.
454479. ETS 3059. CIMMYT. G3-1028-1. Seeds white. Cultivated.
Seed.
454480. ETS 3059. CIMMYT. G3-1028-2. Seeds white. Cultivated.
Seed.
454481. ETS 3059. CIMMYT. G3-1028-3. Seeds white. Cultivated.
Seed.
454482. ETS 3063. CIMMYT. G3-1031-1. Seeds white. Cultivated.
Seed.
454483. ETS 3063. CIMMYT. G3-1031-2. Seeds white. Cultivated.
Seed.
454484. ETS 3066. CIMMYT. G3-1034-1. Endosperm yellow.
Cultivated. Seed.
454485. ETS 3066. CIMMYT. G3-1034-2. Endosperm yellow.
Cultivated. Seed.
454486. ETS 3071. CIMMYT. G3-1038-1. Seeds white. Cultivated.
Seed.
454487. ETS 3071. CIMMYT. G3-1038-2. Seeds white. Cultivated.
Seed.
454488. ETS 3073. CIMMYT. G3-1040-1. Endosperm yellow.
Cultivated. Seed.
454489. ETS 3073. CIMMYT. G3-1040-2. Endosperm yellow.
Cultivated. Seed.
454490. ETS 3074. CIMMYT. G3-1041-1. Endosperm yellow.
Cultivated. Seed.
454491. ETS 3074. CIMMYT. G3-1041-2. Endosperm yellow.
Cultivated. Seed.
454492. ETS 3076. CIMMYT. G3-1043-1. Seeds red. Cultivated. Seed.
454493. ETS 3076. CIMMYT. G3-1043-2. Seeds red. Cultivated. Seed.
454494. ETS 3077. CIMMYT. G3-1044-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 454495. ETS 3077. CIMMYT. G3-1044-2. Seeds red. Cultivated. Seed.
- 454496. ETS 3078. CIMMYT. G3-1045-1. Seeds red. Cultivated. Seed.
- 454497. ETS 3078. CIMMYT. G3-1045-2. Seeds red. Cultivated. Seed.
- 454498. ETS 3079. CIMMYT. G3-1046-1. Seeds bronze. Cultivated. Seed.
- 454499. ETS 3079. CIMMYT. G3-1046-2. Seeds bronze. Cultivated. Seed.
- 454500. ETS 3080. CIMMYT. G3-1047-1. Endosperm yellow. Cultivated. Seed.
- 454501. ETS 3080. CIMMYT. G3-1047-2. Endosperm yellow. Cultivated. Seed.
- 454502. ETS 3081. CIMMYT. G3-1048-1. Seeds bronze. Cultivated. Seed.
- 454503. ETS 3081. CIMMYT. G3-1048-2. Seeds bronze. Cultivated. Seed.
- 454504. ETS 3081. CIMMYT. G3-1048-3. Seeds bronze. Cultivated. Seed.
- 454505. ETS 3084. CIMMYT. G3-1050-1. Endosperm yellow. Cultivated. Seed.
- 454506. ETS 3084. CIMMYT. G3-1050-2. Endosperm yellow. Cultivated. Seed.
- 454507. ETS 3085. CIMMYT. G3-1051. Endosperm yellow. Cultivated. Seed.
- 454508. ETS 3087. CIMMYT. G3-1053-1. Endosperm yellow. Cultivated. Seed.
- 454509. ETS 3087. CIMMYT. G3-1053-2. Endosperm yellow. Cultivated. Seed.
- 454510. ETS 3088. CIMMYT. G3-1054-1. Endosperm yellow. Cultivated. Seed.
- 454511. ETS 3088. CIMMYT. G3-1054-2. Endosperm yellow. Cultivated. Seed.
- 454512. ETS 3089-A. CIMMYT. G3-1055-1. Endosperm yellow. Cultivated. Seed.
- 454513. ETS 3089-A. CIMMYT. G3-1055-2. Endosperm yellow.

452502 TO 457915-continued

Cultivated. Seed.

454514. ETS 3089-B. CIMMYT. G3-1056-1. Seeds red. Cultivated. Seed.

454515. ETS 3089-B. CIMMYT. G3-1056-2. Seeds red. Cultivated. Seed.

454516. ETS 3089-B. CIMMYT. G3-1056-3. Seeds red. Cultivated. Seed.

454517. ETS 3090. CIMMYT. G3-1057-1. Endosperm yellow. Cultivated. Seed.

454518. ETS 3090. CIMMYT. G3-1057-2. Endosperm yellow. Cultivated. Seed.

454519. ETS 3091. CIMMYT. G3-1058-1. Endosperm yellow. Cultivated. Seed.

454520. ETS 3091. CIMMYT. G3-1058-2. Endosperm yellow. Cultivated. Seed.

454521. ETS 3092. CIMMYT. G3-1059-1. Endosperm yellow. Cultivated. Seed.

454522. ETS 3092. CIMMYT. G3-1059-2. Endosperm yellow. Cultivated. Seed.

454523. ETS 3094. CIMMYT. G3-1061-1. Endosperm yellow. Cultivated. Seed.

454524. ETS 3094. CIMMYT. G3-1061-2. Endosperm yellow. Cultivated. Seed.

454525. ETS 3094. CIMMYT. G3-1061-3. Endosperm yellow. Cultivated. Seed.

454526. ETS 3097. CIMMYT. G3-1064-1. Endosperm yellow. Cultivated. Seed.

454527. ETS 3097. CIMMYT. G3-1064-2. Endosperm yellow. Cultivated. Seed.

454528. ETS 3098. CIMMYT. G3-1065-1. Seeds bronze. Cultivated. Seed.

454529. ETS 3098. CIMMYT. G3-1065-2. Seeds bronze. Cultivated. Seed.

454530. ETS 3099. CIMMYT. G3-1066-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 454531. ETS 3099. CIMMYT. G3-1066-2. Seeds bronze. Cultivated. Seed.
- 454532. ETS 3103. CIMMYT. G3-1068-1. Endosperm yellow. Cultivated. Seed.
- 454533. ETS 3103. CIMMYT. G3-1068-2. Endosperm yellow. Cultivated. Seed.
- 454534. ETS 3104. CIMMYT. G3-1069-1. Endosperm yellow. Cultivated. Seed.
- 454535. ETS 3104. CIMMYT. G3-1069-2. Endosperm yellow. Cultivated. Seed.
- 454536. ETS 3105. CIMMYT. G3-1070-1. Endosperm yellow. Cultivated. Seed.
- 454537. ETS 3105. CIMMYT. G3-1070-2. Endosperm yellow. Cultivated. Seed.
- 454538. ETS 3106. CIMMYT. G3-1071-1. Endosperm yellow. Cultivated. Seed.
- 454539. ETS 3106. CIMMYT. G3-1071-2. Endosperm yellow. Cultivated. Seed.
- 454540. ETS 3107. CIMMYT. G3-1072-1. Seeds white. Cultivated. Seed.
- 454541. ETS 3107. CIMMYT. G3-1072-2. Seeds white. Cultivated. Seed.
- 454542. ETS 3108. CIMMYT. G3-1073-1. Endosperm yellow. Cultivated. Seed.
- 454543. ETS 3108. CIMMYT. G3-1073-2. Endosperm yellow. Cultivated. Seed.
- 454544. ETS 3109. CIMMYT. G3-1074-1. Endosperm yellow. Cultivated. Seed.
- 454545. ETS 3109. CIMMYT. G3-1074-2. Endosperm yellow. Cultivated. Seed.
- 454546. ETS 3110. CIMMYT. G3-1075-1. Endosperm yellow. Cultivated. Seed.
- 454547. ETS 3110. CIMMYT. G3-1075-2. Endosperm yellow. Cultivated. Seed.
- 454548. ETS 3112. CIMMYT. G3-1076-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
454549. ETS 3112. CIMMYT. G3-1076-2. Endosperm yellow.
Cultivated. Seed.
454550. ETS 3113. CIMMYT. G3-1077-1. Seeds red. Cultivated. Seed.
454551. ETS 3113. CIMMYT. G3-1077-2. Seeds red. Cultivated. Seed.
454552. ETS 3114. CIMMYT. G3-1078-1. Seeds red. Cultivated. Seed.
454553. ETS 3114. CIMMYT. G3-1078-2. Seeds red. Cultivated. Seed.
454554. ETS 3116. CIMMYT. G3-1080. Seeds bronze. Cultivated.
Seed.
454555. ETS 3117. CIMMYT. G3-1081-1. Seeds red. Cultivated. Seed.
454556. ETS 3117. CIMMYT. G3-1081-2. Seeds red. Cultivated. Seed.
454557. ETS 3118. CIMMYT. G3-1082-1. Endosperm yellow.
Cultivated. Seed.
454558. ETS 3118. CIMMYT. G3-1082-2. Endosperm yellow.
Cultivated. Seed.
454559. ETS 3120. CIMMYT. G3-1084-1. Endosperm yellow.
Cultivated. Seed.
454560. ETS 3120. CIMMYT. G3-1084-2. Endosperm yellow.
Cultivated. Seed.
454561. ETS 3121. CIMMYT. G3-1085. Seeds bronze. Cultivated.
Seed.
454562. ETS 3122. CIMMYT. G3-1086. Seeds bronze. Cultivated.
Seed.
454563. ETS 3123-A. CIMMYT. G3-1087-1. Seeds bronze. Cultivated.
Seed.
454564. ETS 3123-A. CIMMYT. G3-1087-2. Seeds bronze. Cultivated.
Seed.
454565. ETS 3123-B. CIMMYT. G3-1088-1. Seeds red. Cultivated.
Seed.
454566. ETS 3123-B. CIMMYT. G3-1088-2. Seeds red. Cultivated.
Seed.
454567. ETS 3125. CIMMYT. G3-1090-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 454568. ETS 3125. CIMMYT. G3-1090-2. Endosperm yellow.
Cultivated. Seed.
- 454569. ETS 3126-A. CIMMYT. G3-1091-1. Seeds red. Cultivated.
Seed.
- 454570. ETS 3126-A. CIMMYT. G3-1091-2. Seeds red. Cultivated.
Seed.
- 454571. ETS 3126-B. CIMMYT. G3-1092-1. Seeds white. Cultivated.
Seed.
- 454572. ETS 3126-B. CIMMYT. G3-1092-2. Seeds white. Cultivated.
Seed.
- 454573. ETS 3127-A. CIMMYT. G3-1093-1. Seeds red. Cultivated.
Seed.
- 454574. ETS 3127-A. CIMMYT. G3-1093-2. Seeds red. Cultivated.
Seed.
- 454575. ETS 3127-A. CIMMYT. G3-1093-3. Seeds red. Cultivated.
Seed.
- 454576. ETS 3128. CIMMYT. G3-1095-1. Endosperm yellow.
Cultivated. Seed.
- 454577. ETS 3128. CIMMYT. G3-1095-2. Endosperm yellow.
Cultivated. Seed.
- 454578. ETS 3129. CIMMYT. G3-1096-1. Seeds bronze. Cultivated.
Seed.
- 454579. ETS 3129. CIMMYT. G3-1096-2. Seeds bronze. Cultivated.
Seed.
- 454580. ETS 3130. CIMMYT. G3-1097-1. Endosperm yellow.
Cultivated. Seed.
- 454581. ETS 3130. CIMMYT. G3-1097-2. Endosperm yellow.
Cultivated. Seed.
- 454582. ETS 3131. CIMMYT. G3-1098-1. Seeds white. Cultivated.
Seed.
- 454583. ETS 3131. CIMMYT. G3-1098-2. Seeds white. Cultivated.
Seed.
- 454584. ETS 3131. CIMMYT. G3-1098-3. Seeds white. Cultivated.
Seed.
- 454585. ETS 3131. CIMMYT. G3-1098-4. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 454586. ETS 3132. CIMMYT. G3-1099-1. Seeds red. Cultivated. Seed.
- 454587. ETS 3132. CIMMYT. G3-1099-2. Seeds red. Cultivated. Seed.
- 454588. ETS 3134. CIMMYT. G3-1101-1. Seeds red. Cultivated. Seed.
- 454589. ETS 3134. CIMMYT. G3-1101-2. Seeds red. Cultivated. Seed.
- 454590. ETS 3134. CIMMYT. G3-1101-3. Seeds red. Cultivated. Seed.
- 454591. ETS 3135. CIMMYT. G3-1102-1. Seeds red. Cultivated. Seed.
- 454592. ETS 3135. CIMMYT. G3-1102-2. Seeds red. Cultivated. Seed.
- 454593. ETS 3136. CIMMYT. G3-1103-1. Endosperm yellow.
Cultivated. Seed.
- 454594. ETS 3136. CIMMYT. G3-1103-2. Endosperm yellow.
Cultivated. Seed.
- 454595. ETS 3136. CIMMYT. G3-1103-3. Endosperm yellow.
Cultivated. Seed.
- 454596. ETS 3137. CIMMYT. G3-1104-1. Endosperm yellow.
Cultivated. Seed.
- 454597. ETS 3137. CIMMYT. G3-1104-2. Endosperm yellow.
Cultivated. Seed.
- 454598. ETS 3137. CIMMYT. G3-1104-3. Endosperm yellow.
Cultivated. Seed.
- 454599. ETS 3138. CIMMYT. G3-1105-1. Seeds bronze. Cultivated.
Seed.
- 454600. ETS 3138. CIMMYT. G3-1105-2. Seeds bronze. Cultivated.
Seed.
- 454601. ETS 3139. CIMMYT. G3-1106-1. Seeds red. Cultivated. Seed.
- 454602. ETS 3139. CIMMYT. G3-1106-2. Seeds red. Cultivated. Seed.
- 454603. ETS 3141. CIMMYT. G3-1108-1. Seeds bronze. Cultivated.
Seed.
- 454604. ETS 3141. CIMMYT. G3-1108-2. Seeds bronze. Cultivated.
Seed.
- 454605. ETS 3141. CIMMYT. G3-1108-3. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

454606. ETS 3142. CIMMYT. G3-1109-1. Seeds bronze. Cultivated. Seed.
454607. ETS 3142. CIMMYT. G3-1109-2. Seeds bronze. Cultivated. Seed.
454608. ETS 3143. CIMMYT. G3-1110-1. Endosperm yellow. Cultivated. Seed.
454609. ETS 3143. CIMMYT. G3-1110-2. Endosperm yellow. Cultivated. Seed.
454610. ETS 3144. CIMMYT. G3-1111-1. Endosperm yellow. Cultivated. Seed.
454611. ETS 3144. CIMMYT. G3-1111-2. Endosperm yellow. Cultivated. Seed.
454612. ETS 3144. CIMMYT. G3-1111-3. Endosperm yellow. Cultivated. Seed.
454613. ETS 3145. CIMMYT. G3-1112-1. Endosperm yellow. Cultivated. Seed.
454614. ETS 3145. CIMMYT. G3-1112-2. Endosperm yellow. Cultivated. Seed.
454615. ETS 3145. CIMMYT. G3-1112-3. Endosperm yellow. Cultivated. Seed.
454616. ETS 3146. CIMMYT. G3-1113-1. Endosperm yellow. Cultivated. Seed.
454617. ETS 3146. CIMMYT. G3-1113-2. Endosperm yellow. Cultivated. Seed.
454618. ETS 3148. CIMMYT. G3-1114-1. Seeds red. Cultivated. Seed.
454619. ETS 3148. CIMMYT. G3-1114-2. Seeds red. Cultivated. Seed.
454620. ETS 3150. CIMMYT. G3-1115-1. Seeds bronze. Cultivated. Seed.
454621. ETS 3150. CIMMYT. G3-1115-2. Seeds bronze. Cultivated. Seed.
454622. ETS 3150. CIMMYT. G3-1115-3. Seeds bronze. Cultivated. Seed.
454623. ETS 3151. CIMMYT. G3-1116-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 454624. ETS 3151. CIMMYT. G3-1116-2. Endosperm yellow. Cultivated. Seed.
- 454625. ETS 3152. CIMMYT. G3-1117-1. Endosperm yellow. Cultivated. Seed.
- 454626. ETS 3152. CIMMYT. G3-1117-2. Endosperm yellow. Cultivated. Seed.
- 454627. ETS 3152. CIMMYT. G3-1117-3. Endosperm yellow. Cultivated. Seed.
- 454628. ETS 3152. CIMMYT. G3-1117-4. Endosperm yellow. Cultivated. Seed.
- 454629. ETS 3153. CIMMYT. G3-1118-1. Endosperm yellow. Cultivated. Seed.
- 454630. ETS 3153. CIMMYT. G3-1118-2. Endosperm yellow. Cultivated. Seed.
- 454631. ETS 3153. CIMMYT. G3-1118-3. Endosperm yellow. Cultivated. Seed.
- 454632. ETS 3154. CIMMYT. G3-1119-1. Endosperm yellow. Cultivated. Seed.
- 454633. ETS 3154. CIMMYT. G3-1119-2. Endosperm yellow. Cultivated. Seed.
- 454634. ETS 3155. CIMMYT. G3-1120-1. Seeds red. Cultivated. Seed.
- 454635. ETS 3155. CIMMYT. G3-1120-2. Seeds red. Cultivated. Seed.
- 454636. ETS 3156. CIMMYT. G3-1121-1. Seeds bronze. Cultivated. Seed.
- 454637. ETS 3156. CIMMYT. G3-1121-2. Seeds bronze. Cultivated. Seed.
- 454638. ETS 3157. CIMMYT. G3-1122-1. Seeds bronze. Cultivated. Seed.
- 454639. ETS 3157. CIMMYT. G3-1122-2. Seeds bronze. Cultivated. Seed.
- 454640. ETS 3158. CIMMYT. G3-1123-1. Endosperm yellow. Cultivated. Seed.
- 454641. ETS 3158. CIMMYT. G3-1123-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

454642. ETS 3160. CIMMYT. G3-1124-1. Seeds bronze. Cultivated. Seed.
454643. ETS 3160. CIMMYT. G3-1124-2. Seeds bronze. Cultivated. Seed.
454644. ETS 3160. CIMMYT. G3-1124-3. Seeds bronze. Cultivated. Seed.
454645. ETS 3161. CIMMYT. G3-1125-1. Endosperm yellow. Cultivated. Seed.
454646. ETS 3161. CIMMYT. G3-1125-2. Endosperm yellow. Cultivated. Seed.
454647. ETS 3162. CIMMYT. G3-1126-1. Seeds white. Cultivated. Seed.
454648. ETS 3162. CIMMYT. G3-1126-2. Seeds white. Cultivated. Seed.
454649. ETS 3163. CIMMYT. G3-1127. Endosperm yellow. Cultivated. Seed.
454650. ETS 3164. CIMMYT. G3-1128-1. Endosperm yellow. Cultivated. Seed.
454651. ETS 3164. CIMMYT. G3-1128-2. Endosperm yellow. Cultivated. Seed.
454652. ETS 3165. CIMMYT. G3-1129-1. Seeds white. Cultivated. Seed.
454653. ETS 3165. CIMMYT. G3-1129-2. Seeds white. Cultivated. Seed.
454654. ETS 3166. CIMMYT. G3-1130-1. Endosperm yellow. Cultivated. Seed.
454655. ETS 3166. CIMMYT. G3-1130-2. Endosperm yellow. Cultivated. Seed.
454656. ETS 3167. CIMMYT. G3-1131-1. Seeds red. Cultivated. Seed.
454657. ETS 3167. CIMMYT. G3-1131-2. Seeds red. Cultivated. Seed.
454658. ETS 3169. CIMMYT. G3-1133-1. Endosperm yellow. Cultivated. Seed.
454659. ETS 3169. CIMMYT. G3-1133-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 454660. ETS 3170. CIMMYT. G3-1134-1. Endosperm yellow.
Cultivated. Seed.
- 454661. ETS 3170. CIMMYT. G3-1134-2. Endosperm yellow.
Cultivated. Seed.
- 454662. ETS 3170. CIMMYT. G3-1134-3. Endosperm yellow.
Cultivated. Seed.
- 454663. ETS 3171. CIMMYT. G3-1135-1. Seeds bronze. Cultivated.
Seed.
- 454664. ETS 3171. CIMMYT. G3-1135-2. Seeds bronze. Cultivated.
Seed.
- 454665. ETS 3171. CIMMYT. G3-1135-3. Seeds bronze. Cultivated.
Seed.
- 454666. ETS 3172. CIMMYT. G3-1136-1. Endosperm yellow.
Cultivated. Seed.
- 454667. ETS 3172. CIMMYT. G3-1136-2. Endosperm yellow.
Cultivated. Seed.
- 454668. ETS 3173. CIMMYT. G3-1137-1. Seeds red. Cultivated. Seed.
- 454669. ETS 3173. CIMMYT. G3-1137-2. Seeds red. Cultivated. Seed.
- 454670. ETS 3174. CIMMYT. G3-1138-1. Endosperm yellow.
Cultivated. Seed.
- 454671. ETS 3174. CIMMYT. G3-1138-2. Endosperm yellow.
Cultivated. Seed.
- 454672. ETS 3175. CIMMYT. G3-1139-1. Seeds bronze. Cultivated.
Seed.
- 454673. ETS 3175. CIMMYT. G3-1139-2. Seeds bronze. Cultivated.
Seed.
- 454674. ETS 3176. CIMMYT. G3-1140-1. Endosperm yellow.
Cultivated. Seed.
- 454675. ETS 3176. CIMMYT. G3-1140-2. Endosperm yellow.
Cultivated. Seed.
- 454676. ETS 3176. CIMMYT. G3-1140-3. Endosperm yellow.
Cultivated. Seed.
- 454677. ETS 3177. CIMMYT. G3-1141-1. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

454678. ETS 3177. CIMMYT. G3-1141-2. Seeds bronze. Cultivated. Seed.
454679. ETS 3178. CIMMYT. G3-1142. Endosperm yellow. Cultivated. Seed.
454680. ETS 3179. CIMMYT. G3-1143-1. Endosperm yellow. Cultivated. Seed.
454681. ETS 3179. CIMMYT. G3-1143-2. Endosperm yellow. Cultivated. Seed.
454682. ETS 3180. CIMMYT. G3-1144-1. Seeds bronze. Cultivated. Seed.
454683. ETS 3180. CIMMYT. G3-1144-2. Seeds bronze. Cultivated. Seed.
454684. ETS 3181. CIMMYT. G3-1145-1. Endosperm yellow. Cultivated. Seed.
454685. ETS 3181. CIMMYT. G3-1145-2. Endosperm yellow. Cultivated. Seed.
454686. ETS 3181. CIMMYT. G3-1145-3. Endosperm yellow. Cultivated. Seed.
454687. ETS 3181. CIMMYT. G3-1145-4. Endosperm yellow. Cultivated. Seed.
454688. ETS 3181. CIMMYT. G3-1145-5. Endosperm yellow. Cultivated. Seed.
454689. ETS 3183. CIMMYT. G3-1147-1. Endosperm yellow. Cultivated. Seed.
454690. ETS 3183. CIMMYT. G3-1147-2. Endosperm yellow. Cultivated. Seed.
454691. ETS 3184. CIMMYT. G3-1148-1. Endosperm yellow. Cultivated. Seed.
454692. ETS 3184. CIMMYT. G3-1148-2. Endosperm yellow. Cultivated. Seed.
454693. ETS 3184. CIMMYT. G3-1148-3. Endosperm yellow. Cultivated. Seed.
454694. ETS 3187. CIMMYT. G3-1149-1. Seeds red. Cultivated. Seed.
454695. ETS 3187. CIMMYT. G3-1149-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 454696. ETS 3189. CIMMYT. G3-1150-1. Seeds red. Cultivated. Seed.
- 454697. ETS 3189. CIMMYT. G3-1150-2. Seeds red. Cultivated. Seed.
- 454698. ETS 3190. CIMMYT. G3-1151-1. Seeds red. Cultivated. Seed.
- 454699. ETS 3190. CIMMYT. G3-1151-2. Seeds red. Cultivated. Seed.
- 454700. ETS 3192. CIMMYT. G3-1152-1. Endosperm yellow.
Cultivated. Seed.
- 454701. ETS 3192. CIMMYT. G3-1152-2. Endosperm yellow.
Cultivated. Seed.
- 454702. ETS 3192. CIMMYT. G3-1152-3. Endosperm yellow.
Cultivated. Seed.
- 454703. ETS 3193. CIMMYT. G3-1153-1. Endosperm yellow.
Cultivated. Seed.
- 454704. ETS 3193. CIMMYT. G3-1153-2. Endosperm yellow.
Cultivated. Seed.
- 454705. ETS 3193. CIMMYT. G3-1153-3. Endosperm yellow.
Cultivated. Seed.
- 454706. ETS 3194. CIMMYT. G3-1154-1. Endosperm yellow.
Cultivated. Seed.
- 454707. ETS 3194. CIMMYT. G3-1154-2. Endosperm yellow.
Cultivated. Seed.
- 454708. ETS 3195. CIMMYT. G3-1155-1. Endosperm yellow.
Cultivated. Seed.
- 454709. ETS 3195. CIMMYT. G3-1155-2. Endosperm yellow.
Cultivated. Seed.
- 454710. ETS 3195. CIMMYT. G3-1155-3. Endosperm yellow.
Cultivated. Seed.
- 454711. ETS 3196. CIMMYT. G3-1156-1. Endosperm yellow.
Cultivated. Seed.
- 454712. ETS 3196. CIMMYT. G3-1156-2. Endosperm yellow.
Cultivated. Seed.
- 454713. ETS 3197. CIMMYT. G3-1157. Endosperm yellow. Cultivated.
Seed.
- 454714. ETS 3198. CIMMYT. G3-1158-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 454715. ETS 3198. CIMMYT. G3-1158-2. Endosperm yellow. Cultivated. Seed.
- 454716. ETS 3198. CIMMYT. G3-1158-3. Endosperm yellow. Cultivated. Seed.
- 454717. ETS 3199. CIMMYT. G3-1159-1. Endosperm yellow. Cultivated. Seed.
- 454718. ETS 3199. CIMMYT. G3-1159-2. Endosperm yellow. Cultivated. Seed.
- 454719. ETS 3200. CIMMYT. G3-1160-1. Seeds bronze. Cultivated. Seed.
- 454720. ETS 3200. CIMMYT. G3-1160-2. Seeds bronze. Cultivated. Seed.
- 454721. ETS 3200. CIMMYT. G3-1160-3. Seeds bronze. Cultivated. Seed.
- 454722. ETS 3201. CIMMYT. G3-1161-1. Endosperm yellow. Cultivated. Seed.
- 454723. ETS 3201. CIMMYT. G3-1161-2. Endosperm yellow. Cultivated. Seed.
- 454724. ETS 3202. CIMMYT. G3-1162-1. Cultivated. Seed.
- 454725. ETS 3202. CIMMYT. G3-1162-2. Cultivated. Seed.
- 454726. ETS 3204. CIMMYT. G3-1163-1. Seeds red. Cultivated. Seed.
- 454727. ETS 3204. CIMMYT. G3-1163-2. Seeds red. Cultivated. Seed.
- 454728. ETS 3205-A. CIMMYT. G3-1164-1. Endosperm yellow. Cultivated. Seed.
- 454729. ETS 3205-A. CIMMYT. G3-1164-2. Endosperm yellow. Cultivated. Seed.
- 454730. ETS 3205-B. CIMMYT. G3-1165-1. Seeds white. Cultivated. Seed.
- 454731. ETS 3205-B. CIMMYT. G3-1165-2. Seeds white. Cultivated. Seed.
- 454732. ETS 3206. CIMMYT. G3-1166-1. Seeds bronze. Cultivated. Seed.
- 454733. ETS 3206. CIMMYT. G3-1166-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

454734. ETS 3206. CIMMYT. G3-1166-3. Seeds bronze. Cultivated. Seed.
454735. ETS 3207-A. CIMMYT. G3-1167-1. Endosperm yellow. Cultivated. Seed.
454736. ETS 3207-A. CIMMYT. G3-1167-2. Endosperm yellow. Cultivated. Seed.
454737. ETS 3207-B. CIMMYT. G3-1168-1. Endosperm yellow. Cultivated. Seed.
454738. ETS 3207-B. CIMMYT. G3-1168-2. Endosperm yellow. Cultivated. Seed.
454739. ETS 3208. CIMMYT. G3-1169-1. Endosperm yellow. Cultivated. Seed.
454740. ETS 3208. CIMMYT. G3-1169-2. Endosperm yellow. Cultivated. Seed.
454741. ETS 3208. CIMMYT. G3-1169-3. Endosperm yellow. Cultivated. Seed.
454742. ETS 3209. CIMMYT. G3-1170-1. Endosperm yellow. Cultivated. Seed.
454743. ETS 3209. CIMMYT. G3-1170-2. Endosperm yellow. Cultivated. Seed.
454744. ETS 3209. CIMMYT. G3-1170-3. Endosperm yellow. Cultivated. Seed.
454745. ETS 3210. CIMMYT. G3-1171-1. Seeds red. Cultivated. Seed.
454746. ETS 3210. CIMMYT. G3-1171-2. Seeds red. Cultivated. Seed.
454747. ETS 3211. CIMMYT. G3-1172-1. Seeds bronze. Cultivated. Seed.
454748. ETS 3211. CIMMYT. G3-1172-2. Seeds bronze. Cultivated. Seed.
454749. ETS 3212. CIMMYT. G3-1173-1. Seeds red. Cultivated. Seed.
454750. ETS 3212. CIMMYT. G3-1173-2. Seeds red. Cultivated. Seed.
454751. ETS 3213. CIMMYT. G3-1174-1. Seeds red. Cultivated. Seed.
454752. ETS 3213. CIMMYT. G3-1174-2. Seeds red. Cultivated. Seed.
454753. ETS 3214. CIMMYT. G3-1175. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 454754. ETS 3215. CIMMYT. G3-1176-1. Endosperm yellow.
Cultivated. Seed.
- 454755. ETS 3215. CIMMYT. G3-1176-2. Endosperm yellow.
Cultivated. Seed.
- 454756. ETS 3216. CIMMYT. G3-1177-1. Seeds red. Cultivated. Seed.
- 454757. ETS 3216. CIMMYT. G3-1177-2. Seeds red. Cultivated. Seed.
- 454758. ETS 3217. CIMMYT. G3-1178-1. Cultivated. Seed.
- 454759. ETS 3217. CIMMYT. G3-1178-2. Cultivated. Seed.
- 454760. ETS 3217. CIMMYT. G3-1178-3. Cultivated. Seed.
- 454761. ETS 3218. CIMMYT. G3-1179-1. Seeds bronze. Cultivated.
Seed.
- 454762. ETS 3218. CIMMYT. G3-1179-2. Seeds bronze. Cultivated.
Seed.
- 454763. ETS 3219. CIMMYT. G3-1180-1. Endosperm yellow.
Cultivated. Seed.
- 454764. ETS 3219. CIMMYT. G3-1180-2. Endosperm yellow.
Cultivated. Seed.
- 454765. ETS 3220. CIMMYT. G3-1181-1. Endosperm yellow.
Cultivated. Seed.
- 454766. ETS 3220. CIMMYT. G3-1181-2. Endosperm yellow.
Cultivated. Seed.
- 454767. ETS 3220. CIMMYT. G3-1181-3. Endosperm yellow.
Cultivated. Seed.
- 454768. ETS 3221. CIMMYT. G3-1182-1. Endosperm yellow.
Cultivated. Seed.
- 454769. ETS 3221. CIMMYT. G3-1182-2. Endosperm yellow.
Cultivated. Seed.
- 454770. ETS 3222. CIMMYT. G3-1183-1. Endosperm yellow.
Cultivated. Seed.
- 454771. ETS 3222. CIMMYT. G3-1183-2. Endosperm yellow.
Cultivated. Seed.
- 454772. ETS 3223. CIMMYT. G3-1184-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 454773. ETS 3223. CIMMYT. G3-1184-2. Endosperm yellow. Cultivated. Seed.
- 454774. ETS 3224. CIMMYT. G3-1185. Seeds white. Cultivated. Seed.
- 454775. ETS 3225. CIMMYT. G3-1186-1. Seeds white. Cultivated. Seed.
- 454776. ETS 3225. CIMMYT. G3-1186-2. Seeds white. Cultivated. Seed.
- 454777. ETS 3226. CIMMYT. G3-1187-1. Endosperm yellow. Cultivated. Seed.
- 454778. ETS 3226. CIMMYT. G3-1187-2. Endosperm yellow. Cultivated. Seed.
- 454779. ETS 3226. CIMMYT. G3-1187-3. Endosperm yellow. Cultivated. Seed.
- 454780. ETS 3227-A. CIMMYT. G3-1188. Endosperm yellow. Cultivated. Seed.
- 454781. ETS 3227-B. CIMMYT. G3-1189-1. Endosperm yellow. Cultivated. Seed.
- 454782. ETS 3227-B. CIMMYT. G3-1189-2. Endosperm yellow. Cultivated. Seed.
- 454783. ETS 3228-A. CIMMYT. G3-1190-1. Endosperm yellow. Cultivated. Seed.
- 454784. ETS 3228-A. CIMMYT. G3-1190-2. Endosperm yellow. Cultivated. Seed.
- 454785. ETS 3228-A. CIMMYT. G3-1190-3. Endosperm yellow. Cultivated. Seed.
- 454786. ETS 3228-B. CIMMYT. G3-1191-1. Endosperm yellow. Cultivated. Seed.
- 454787. ETS 3228-B. CIMMYT. G3-1191-2. Endosperm yellow. Cultivated. Seed.
- 454788. ETS 3230. CIMMYT. G3-1193-1. Endosperm yellow. Cultivated. Seed.
- 454789. ETS 3230. CIMMYT. G3-1193-2. Endosperm yellow. Cultivated. Seed.
- 454790. ETS 3232. CIMMYT. G3-1195-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 454791. ETS 3232. CIMMYT. G3-1195-2. Endosperm yellow.
Cultivated. Seed.
- 454792. ETS 3232. CIMMYT. G3-1195-3. Endosperm yellow.
Cultivated. Seed.
- 454793. ETS 3233. CIMMYT. G3-1196-1. Endosperm yellow.
Cultivated. Seed.
- 454794. ETS 3233. CIMMYT. G3-1196-2. Endosperm yellow.
Cultivated. Seed.
- 454795. ETS 3234. CIMMYT. G3-1197-1. Endosperm yellow.
Cultivated. Seed.
- 454796. ETS 3234. CIMMYT. G3-1197-2. Endosperm yellow.
Cultivated. Seed.
- 454797. ETS 3235. CIMMYT. G3-1198-1. Endosperm yellow.
Cultivated. Seed.
- 454798. ETS 3235. CIMMYT. G3-1198-2. Endosperm yellow.
Cultivated. Seed.
- 454799. ETS 3236. CIMMYT. G3-1199-1. Seeds bronze. Cultivated.
Seed.
- 454800. ETS 3236. CIMMYT. G3-1199-2. Seeds bronze. Cultivated.
Seed.
- 454801. ETS 3237. CIMMYT. G3-1200-1. Endosperm yellow.
Cultivated. Seed.
- 454802. ETS 3237. CIMMYT. G3-1200-2. Endosperm yellow.
Cultivated. Seed.
- 454803. ETS 3237. CIMMYT. G3-1200-3. Endosperm yellow.
Cultivated. Seed.
- 454804. ETS 3238. CIMMYT. G3-1201-1. Seeds bronze. Cultivated.
Seed.
- 454805. ETS 3238. CIMMYT. G3-1201-2. Seeds bronze. Cultivated.
Seed.
- 454806. ETS 3239. CIMMYT. G3-1202-1. Seeds bronze. Cultivated.
Seed.
- 454807. ETS 3239. CIMMYT. G3-1202-2. Seeds bronze. Cultivated.
Seed.
- 454808. ETS 3240. CIMMYT. G3-1203-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 454809. ETS 3240. CIMMYT. G3-1203-2. Seeds white. Cultivated.
Seed.
- 454810. ETS 3241. CIMMYT. G3-1204-1. Endosperm yellow.
Cultivated. Seed.
- 454811. ETS 3241. CIMMYT. G3-1204-2. Endosperm yellow.
Cultivated. Seed.
- 454812. ETS 3242. CIMMYT. G3-1205-1. Seeds bronze. Cultivated.
Seed.
- 454813. ETS 3242. CIMMYT. G3-1205-2. Seeds bronze. Cultivated.
Seed.
- 454814. ETS 3245. CIMMYT. G3-1208-1. Endosperm yellow.
Cultivated. Seed.
- 454815. ETS 3245. CIMMYT. G3-1208-2. Endosperm yellow.
Cultivated. Seed.
- 454816. ETS 3245. CIMMYT. G3-1208-3. Endosperm yellow.
Cultivated. Seed.
- 454817. ETS 3247-A. CIMMYT. G3-1210-1. Seeds red. Cultivated.
Seed.
- 454818. ETS 3247-A. CIMMYT. G3-1210-2. Seeds red. Cultivated.
Seed.
- 454819. ETS 3247-B. CIMMYT. G3-1211-1. Seeds red. Cultivated.
Seed.
- 454820. ETS 3247-B. CIMMYT. G3-1211-2. Seeds red. Cultivated.
Seed.
- 454821. ETS 3248. CIMMYT. G3-1212-1. Endosperm yellow.
Cultivated. Seed.
- 454822. ETS 3248. CIMMYT. G3-1212-2. Endosperm yellow.
Cultivated. Seed.
- 454823. ETS 3249. CIMMYT. G3-1213-1. Endosperm yellow.
Cultivated. Seed.
- 454824. ETS 3249. CIMMYT. G3-1213-2. Endosperm yellow.
Cultivated. Seed.
- 454825. ETS 3249. CIMMYT. G3-1213-3. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

454826. ETS 3250. CIMMYT. G3-1214-1. Endosperm yellow.
Cultivated. Seed.
454827. ETS 3250. CIMMYT. G3-1214-2. Endosperm yellow.
Cultivated. Seed.
454828. ETS 3251. CIMMYT. G3-1215-1. Endosperm yellow.
Cultivated. Seed.
454829. ETS 3251. CIMMYT. G3-1215-2. Endosperm yellow.
Cultivated. Seed.
454830. ETS 3252. CIMMYT. G3-1216-1. Seeds red. Cultivated. Seed.
454831. ETS 3252. CIMMYT. G3-1216-2. Seeds red. Cultivated. Seed.
454832. ETS 3253. CIMMYT. G3-1217-1. Seeds white. Cultivated.
Seed.
454833. ETS 3253. CIMMYT. G3-1217-2. Seeds white. Cultivated.
Seed.
454834. ETS 3254. CIMMYT. G3-1218-1. Seeds white. Cultivated.
Seed.
454835. ETS 3254. CIMMYT. G3-1218-2. Seeds white. Cultivated.
Seed.
454836. ETS 3256-A. CIMMYT. G3-1219-1. Seeds red. Cultivated.
Seed.
454837. ETS 3256-A. CIMMYT. G3-1219-2. Seeds red. Cultivated.
Seed.
454838. ETS 3256-B. CIMMYT. G3-1220-1. Endosperm yellow.
Cultivated. Seed.
454839. ETS 3256-B. CIMMYT. G3-1220-2. Endosperm yellow.
Cultivated. Seed.
454840. ETS 3258. CIMMYT. G3-1221-1. Seeds bronze. Cultivated.
Seed.
454841. ETS 3258. CIMMYT. G3-1221-2. Seeds bronze. Cultivated.
Seed.
454842. ETS 3258. CIMMYT. G3-1221-3. Seeds bronze. Cultivated.
Seed.
454843. ETS 3258. CIMMYT. G3-1221-4. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

- 454844. ETS 3259. CIMMYT. G3-1222-1. Seeds white. Cultivated. Seed.
- 454845. ETS 3259. CIMMYT. G3-1222-2. Seeds white. Cultivated. Seed.
- 454846. ETS 3260. CIMMYT. G3-1223. Seeds bronze. Cultivated. Seed.
- 454847. ETS 3261. CIMMYT. G3-1224. Seeds bronze. Cultivated. Seed.
- 454848. ETS 3262. CIMMYT. G3-1225. Seeds red. Cultivated. Seed.
- 454849. ETS 3263. CIMMYT. G3-1226. Seeds bronze. Cultivated. Seed.
- 454850. ETS 3264. CIMMYT. G3-1227. Seeds bronze. Cultivated. Seed.
- 454851. ETS 3265. CIMMYT. G3-1228-1. Seeds red. Cultivated. Seed.
- 454852. ETS 3265. CIMMYT. G3-1228-2. Seeds red. Cultivated. Seed.
- 454853. ETS 3266. CIMMYT. G3-1229-1. Seeds red. Cultivated. Seed.
- 454854. ETS 3266. CIMMYT. G3-1229-2. Seeds red. Cultivated. Seed.
- 454855. ETS 3266. CIMMYT. G3-1229-3. Seeds red. Cultivated. Seed.
- 454856. ETS 3267. CIMMYT. G3-1230. Seeds bronze. Cultivated. Seed.
- 454857. ETS 3268. CIMMYT. G3-1231. Seeds bronze. Cultivated. Seed.
- 454858. ETS 3269. CIMMYT. G3-1232-1. Seeds red. Cultivated. Seed.
- 454859. ETS 3269. CIMMYT. G3-1232-2. Seeds red. Cultivated. Seed.
- 454860. ETS 3270-A. CIMMYT. G3-1233-1. Cultivated. Seed.
- 454861. ETS 3270-A. CIMMYT. G3-1233-2. Cultivated. Seed.
- 454862. ETS 3270-B. CIMMYT. G3-1234-1. Cultivated. Seed.
- 454863. ETS 3270-B. CIMMYT. G3-1234-2. Cultivated. Seed.
- 454864. ETS 3270-C. CIMMYT. G3-1235. Seeds red. Cultivated. Seed.
- 454865. ETS 3271. CIMMYT. G3-1236. Cultivated. Seed.

452502 TO 457915-continued

- 454866. ETS 3273. CIMMYT. G3-1237-1. Cultivated. Seed.
- 454867. ETS 3273. CIMMYT. G3-1237-2. Cultivated. Seed.
- 454868. ETS 3274. CIMMYT. G3-1238-1. Seeds white. Cultivated. Seed.
- 454869. ETS 3274. CIMMYT. G3-1238-2. Seeds white. Cultivated. Seed.
- 454870. ETS 3276. CIMMYT. G3-1240-1. Seeds bronze. Cultivated. Seed.
- 454871. ETS 3276. CIMMYT. G3-1240-2. Seeds bronze. Cultivated. Seed.
- 454872. ETS 3277. CIMMYT. G3-1241. Seeds red. Cultivated. Seed.
- 454873. ETS 3278. CIMMYT. G3-1242-1. Seeds white. Cultivated. Seed.
- 454874. ETS 3278. CIMMYT. G3-1242-2. Seeds white. Cultivated. Seed.
- 454875. ETS 3279. CIMMYT. G3-1243-1. Seeds bronze. Cultivated. Seed.
- 454876. ETS 3279. CIMMYT. G3-1243-2. Seeds bronze. Cultivated. Seed.
- 454877. ETS 3279. CIMMYT. G3-1243-3. Seeds bronze. Cultivated. Seed.
- 454878. ETS 3280. CIMMYT. G3-1244-1. Endosperm yellow. Cultivated. Seed.
- 454879. ETS 3280. CIMMYT. G3-1244-2. Endosperm yellow. Cultivated. Seed.
- 454880. ETS 3281. CIMMYT. G3-1245-1. Cultivated. Seed.
- 454881. ETS 3281. CIMMYT. G3-1245-2. Cultivated. Seed.
- 454882. ETS 3282. CIMMYT. G3-1246-1. Cultivated. Seed.
- 454883. ETS 3282. CIMMYT. G3-1246-2. Cultivated. Seed.
- 454884. ETS 3283. CIMMYT. G3-1247-1. Cultivated. Seed.
- 454885. ETS 3283. CIMMYT. G3-1247-2. Cultivated. Seed.
- 454886. ETS 3284. CIMMYT. G3-1248-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 454887. ETS 3284. CIMMYT. G3-1248-2. Seeds red. Cultivated. Seed.
- 454888. ETS 3284. CIMMYT. G3-1248-3. Seeds red. Cultivated. Seed.
- 454889. ETS 3285. CIMMYT. G3-1249-1. Seeds white. Cultivated. Seed.
- 454890. ETS 3285. CIMMYT. G3-1249-2. Seeds white. Cultivated. Seed.
- 454891. ETS 3286. CIMMYT. G3-1250-1. Seeds white. Cultivated. Seed.
- 454892. ETS 3286. CIMMYT. G3-1250-2. Seeds white. Cultivated. Seed.
- 454893. ETS 3287. CIMMYT. G3-1251. Cultivated. Seed.
- 454894. ETS 3288. CIMMYT. G3-1252-1. Cultivated. Seed.
- 454895. ETS 3288. CIMMYT. G3-1252-2. Cultivated. Seed.
- 454896. ETS 3289. CIMMYT. G3-1253-1. Seeds red. Cultivated. Seed.
- 454897. ETS 3289. CIMMYT. G3-1253-2. Seeds red. Cultivated. Seed.
- 454898. ETS 3290. CIMMYT. G3-1254. Seeds bronze. Cultivated. Seed.
- 454899. ETS 3291. CIMMYT. G3-1255-1. Seeds bronze. Cultivated. Seed.
- 454900. ETS 3291. CIMMYT. G3-1255-2. Seeds bronze. Cultivated. Seed.
- 454901. ETS 3292. CIMMYT. G3-1256. Seeds white. Cultivated. Seed.
- 454902. ETS 3293. CIMMYT. G3-1257-1. Cultivated. Seed.
- 454903. ETS 3293. CIMMYT. G3-1257-2. Cultivated. Seed.
- 454904. ETS 3294. CIMMYT. G3-1258. Seeds red. Cultivated. Seed.
- 454905. ETS 3295. CIMMYT. G3-1259. Seeds bronze. Cultivated. Seed.
- 454906. ETS 3296. CIMMYT. G3-1260-1. Seeds bronze. Cultivated. Seed.
- 454907. ETS 3296. CIMMYT. G3-1260-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 454908. ETS 3297. CIMMYT. G3-1261-1. Seeds bronze. Cultivated. Seed.
- 454909. ETS 3297. CIMMYT. G3-1261-2. Seeds bronze. Cultivated. Seed.
- 454910. ETS 3298. CIMMYT. G3-1262-1. Seeds bronze. Cultivated. Seed.
- 454911. ETS 3298. CIMMYT. G3-1262-2. Seeds bronze. Cultivated. Seed.
- 454912. ETS 3299. CIMMYT. G3-1263-1. Seeds red. Cultivated. Seed.
- 454913. ETS 3299. CIMMYT. G3-1263-2. Seeds red. Cultivated. Seed.
- 454914. ETS 3301-A. CIMMYT. G3-1264-1. Seeds bronze. Cultivated. Seed.
- 454915. ETS 3301-A. CIMMYT. G3-1264-2. Seeds bronze. Cultivated. Seed.
- 454916. ETS 3301-B. CIMMYT. G3-1265-1. Endosperm yellow. Cultivated. Seed.
- 454917. ETS 3301-B. CIMMYT. G3-1265-2. Endosperm yellow. Cultivated. Seed.
- 454918. ETS 3301-B. CIMMYT. G3-1265-3. Endosperm yellow. Cultivated. Seed.
- 454919. ETS 3302. CIMMYT. G3-1266-1. Seeds red. Cultivated. Seed.
- 454920. ETS 3302. CIMMYT. G3-1266-2. Seeds red. Cultivated. Seed.
- 454921. ETS 3303. CIMMYT. G3-1267. Seeds bronze. Cultivated. Seed.
- 454922. ETS 3304. CIMMYT. G3-1268-1. Seeds red. Cultivated. Seed.
- 454923. ETS 3304. CIMMYT. G3-1268-2. Seeds red. Cultivated. Seed.
- 454924. ETS 3306. CIMMYT. G3-1270-1. Seeds red. Cultivated. Seed.
- 454925. ETS 3306. CIMMYT. G3-1270-2. Seeds red. Cultivated. Seed.
- 454926. ETS 3307. CIMMYT. G3-1271-1. Seeds red. Cultivated. Seed.
- 454927. ETS 3307. CIMMYT. G3-1271-2. Seeds red. Cultivated. Seed.
- 454928. ETS 3308. CIMMYT. G3-1272-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

454929. ETS 3308. CIMMYT. G3-1272-2. Endosperm yellow.
Cultivated. Seed.
454930. ETS 3308. CIMMYT. G3-1272-3. Endosperm yellow.
Cultivated. Seed.
454931. ETS 3309. CIMMYT. G3-1273-1. Seeds gray. Cultivated.
Seed.
454932. ETS 3309. CIMMYT. G3-1273-2. Seeds gray. Cultivated.
Seed.
454933. ETS 3311. CIMMYT. G3-1274-1. Seeds red. Cultivated. Seed.
454934. ETS 3311. CIMMYT. G3-1274-2. Seeds red. Cultivated. Seed.
454935. ETS 3312. CIMMYT. G3-1275-1. Seeds bronze. Cultivated.
Seed.
454936. ETS 3312. CIMMYT. G3-1275-2. Seeds bronze. Cultivated.
Seed.
454937. ETS 3313. CIMMYT. G3-1276-1. Endosperm yellow.
Cultivated. Seed.
454938. ETS 3313. CIMMYT. G3-1276-2. Endosperm yellow.
Cultivated. Seed.
454939. ETS 3313. CIMMYT. G3-1276-3. Endosperm yellow.
Cultivated. Seed.
454940. ETS 3314. CIMMYT. G3-1277-1. Seeds white. Cultivated.
Seed.
454941. ETS 3314. CIMMYT. G3-1277-2. Seeds white. Cultivated.
Seed.
454942. ETS 3314. CIMMYT. G3-1277-3. Seeds white. Cultivated.
Seed.
454943. ETS 3315. CIMMYT. G3-1278-1. Seeds red. Cultivated. Seed.
454944. ETS 3315. CIMMYT. G3-1278-2. Seeds red. Cultivated. Seed.
454945. ETS 3316. CIMMYT. G3-1279-1. Seeds bronze. Cultivated.
Seed.
454946. ETS 3316. CIMMYT. G3-1279-2. Seeds bronze. Cultivated.
Seed.
454947. ETS 3317. CIMMYT. G3-1280-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

454948. ETS 3317. CIMMYT. G3-1280-2. Endosperm yellow.
Cultivated. Seed.
454949. ETS 3318. CIMMYT. G3-1281-1. Seeds bronze. Cultivated.
Seed.
454950. ETS 3318. CIMMYT. G3-1281-2. Seeds bronze. Cultivated.
Seed.
454951. ETS 3320. CIMMYT. G3-1282-1. Seeds bronze. Cultivated.
Seed.
454952. ETS 3320. CIMMYT. G3-1282-2. Seeds bronze. Cultivated.
Seed.
454953. ETS 3320. CIMMYT. G3-1282-3. Seeds bronze. Cultivated.
Seed.
454954. ETS 3322. CIMMYT. G3-1283-1. Endosperm yellow.
Cultivated. Seed.
454955. ETS 3322. CIMMYT. G3-1283-2. Endosperm yellow.
Cultivated. Seed.
454956. ETS 3322. CIMMYT. G3-1283-3. Endosperm yellow.
Cultivated. Seed.
454957. ETS 3323. CIMMYT. G3-1284-1. Endosperm yellow.
Cultivated. Seed.
454958. ETS 3323. CIMMYT. G3-1284-2. Endosperm yellow.
Cultivated. Seed.
454959. ETS 3324. CIMMYT. G3-1285-1. Seeds red. Cultivated. Seed.
454960. ETS 3324. CIMMYT. G3-1285-2. Seeds red. Cultivated. Seed.
454961. ETS 3325. CIMMYT. G3-1286-1. Cultivated. Seed.
454962. ETS 3325. CIMMYT. G3-1286-2. Cultivated. Seed.
454963. ETS 3326. CIMMYT. G3-1287-1. Endosperm yellow.
Cultivated. Seed.
454964. ETS 3326. CIMMYT. G3-1287-2. Endosperm yellow.
Cultivated. Seed.
454965. ETS 3327. CIMMYT. G3-1288-1. Seeds red. Cultivated. Seed.
454966. ETS 3327. CIMMYT. G3-1288-2. Seeds red. Cultivated. Seed.
454967. ETS 3327. CIMMYT. G3-1288-3. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

454968. ETS 3327. CIMMYT. G3-1288-4. Seeds red. Cultivated. Seed.
454969. ETS 3328. CIMMYT. G3-1289-1. Seeds bronze. Cultivated. Seed.
454970. ETS 3328. CIMMYT. G3-1289-2. Seeds bronze. Cultivated. Seed.
454971. ETS 3329. CIMMYT. G3-1290-1. Seeds white. Cultivated. Seed.
454972. ETS 3329. CIMMYT. G3-1290-2. Seeds white. Cultivated. Seed.
454973. ETS 3330. CIMMYT. G3-1291-1. Seeds bronze. Cultivated. Seed.
454974. ETS 3330. CIMMYT. G3-1291-2. Seeds bronze. Cultivated. Seed.
454975. ETS 3330. CIMMYT. G3-1291-3. Seeds bronze. Cultivated. Seed.
454976. ETS 3332. CIMMYT. G3-1293-1. Seeds white. Cultivated. Seed.
454977. ETS 3332. CIMMYT. G3-1293-2. Seeds white. Cultivated. Seed.
454978. ETS 3332. CIMMYT. G3-1293-3. Seeds white. Cultivated. Seed.
454979. ETS 3332. CIMMYT. G3-1293-4. Seeds white. Cultivated. Seed.
454980. ETS 3333. CIMMYT. G3-1294-1. Endosperm yellow. Cultivated. Seed.
454981. ETS 3333. CIMMYT. G3-1294-2. Endosperm yellow. Cultivated. Seed.
454982. ETS 3334. CIMMYT. G3-1295-1. Seeds red. Cultivated. Seed.
454983. ETS 3334. CIMMYT. G3-1295-2. Seeds red. Cultivated. Seed.
454984. ETS 3335. CIMMYT. G3-1296-1. Endosperm yellow. Cultivated. Seed.
454985. ETS 3335. CIMMYT. G3-1296-2. Endosperm yellow. Cultivated. Seed.
454986. ETS 3336. CIMMYT. G3-1297-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
454987. ETS 3336. CIMMYT. G3-1297-2. Endosperm yellow.
Cultivated. Seed.
454988. ETS 3338. CIMMYT. G3-1298-1. Endosperm yellow.
Cultivated. Seed.
454989. ETS 3338. CIMMYT. G3-1298-2. Endosperm yellow.
Cultivated. Seed.
454990. ETS 3339. CIMMYT. G3-1299-1. Seeds bronze. Cultivated.
Seed.
454991. ETS 3339. CIMMYT. G3-1299-2. Seeds bronze. Cultivated.
Seed.
454992. ETS 3340. CIMMYT. G3-1300-1. Endosperm yellow.
Cultivated. Seed.
454993. ETS 3340. CIMMYT. G3-1300-2. Endosperm yellow.
Cultivated. Seed.
454994. ETS 3341. CIMMYT. G3-1301-1. Endosperm yellow.
Cultivated. Seed.
454995. ETS 3341. CIMMYT. G3-1301-2. Endosperm yellow.
Cultivated. Seed.
454996. ETS 3342. CIMMYT. G3-1302-1. Seeds red. Cultivated. Seed.
454997. ETS 3342. CIMMYT. G3-1302-2. Seeds red. Cultivated. Seed.
454998. ETS 3343. CIMMYT. G3-1303-1. Seeds bronze. Cultivated.
Seed.
454999. ETS 3343. CIMMYT. G3-1303-2. Seeds bronze. Cultivated.
Seed.
455000. ETS 3344. CIMMYT. G3-1304-1. Seeds red. Cultivated. Seed.
455001. ETS 3344. CIMMYT. G3-1304-2. Seeds red, Cultivated. Seed.
455002. ETS 3345. CIMMYT. G3-1305-1. Seeds red. Cultivated. Seed.
455003. ETS 3345. CIMMYT. G3-1305-2. Seeds red. Cultivated. Seed.
455004. ETS 3346. CIMMYT. G3-1306-1. Endosperm yellow.
Cultivated. Seed.
455005. ETS 3346. CIMMYT. G3-1306-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

455006. ETS 3347. CIMMYT. G3-1307-1. Endosperm yellow.
Cultivated. Seed.
455007. ETS 3347. CIMMYT. G3-1307-2. Endosperm yellow.
Cultivated. Seed.
455008. ETS 3347. CIMMYT. G3-1307-3. Endosperm yellow.
Cultivated. Seed.
455009. ETS 3348. CIMMYT. G3-1308-1. Endosperm yellow.
Cultivated. Seed.
455010. ETS 3348. CIMMYT. G3-1308-2. Endosperm yellow.
Cultivated. Seed.
455011. ETS 3348. CIMMYT. G3-1308-3. Endosperm yellow.
Cultivated. Seed.
455012. ETS 3349. CIMMYT. G3-1309-1. Endosperm yellow.
Cultivated. Seed.
455013. ETS 3349. CIMMYT. G3-1309-2. Endosperm yellow.
Cultivated. Seed.
455014. ETS 3350. CIMMYT. G3-1310-1. Endosperm yellow.
Cultivated. Seed.
455015. ETS 3350. CIMMYT. G3-1310-2. Endosperm yellow.
Cultivated. Seed.
455016. ETS 3351. CIMMYT. G3-1311-1. Endosperm yellow.
Cultivated. Seed.
455017. ETS 3351. CIMMYT. G3-1311-2. Endosperm yellow.
Cultivated. Seed.
455018. ETS 3352. CIMMYT. G3-1312-1. Seeds bronze. Cultivated.
Seed.
455019. ETS 3352. CIMMYT. G3-1312-2. Seeds bronze. Cultivated.
Seed.
455020. ETS 3354. CIMMYT. G3-1313-1. Endosperm yellow.
Cultivated. Seed.
455021. ETS 3354. CIMMYT. G3-1313-2. Endosperm yellow.
Cultivated. Seed.
455022. ETS 3355. CIMMYT. G3-1314-1. Seeds bronze. Cultivated.
Seed.
455023. ETS 3355. CIMMYT. G3-1314-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

455024. ETS 3355. CIMMYT. G3-1314-3. Seeds bronze. Cultivated.
Seed.
455025. ETS 3356. CIMMYT. G3-1315-1. Seeds red. Cultivated. Seed.
455026. ETS 3356. CIMMYT. G3-1315-2. Seeds red. Cultivated. Seed.
455027. ETS 3357. CIMMYT. G3-1316-1. Seeds red. Cultivated. Seed.
455028. ETS 3357. CIMMYT. G3-1316-2. Seeds red. Cultivated. Seed.
455029. ETS 3357. CIMMYT. G3-1316-3. Seeds red. Cultivated. Seed.
455030. ETS 3358. CIMMYT. G3-1317. Seeds bronze. Cultivated.
Seed.
455031. ETS 3359. CIMMYT. G3-1318-1. Endosperm yellow.
Cultivated. Seed.
455032. ETS 3359. CIMMYT. G3-1318-2. Endosperm yellow.
Cultivated. Seed.
455033. ETS 3360. CIMMYT. G3-1319-1. Seeds red. Cultivated. Seed.
455034. ETS 3360. CIMMYT. G3-1319-2. Seeds red. Cultivated. Seed.
455035. ETS 3361. CIMMYT. G3-1320-1. Seeds red. Cultivated. Seed.
455036. ETS 3361. CIMMYT. G3-1320-2. Seeds red. Cultivated. Seed.
455037. ETS 3362. CIMMYT. G3-1321-1. Seeds red. Cultivated. Seed.
455038. ETS 3362. CIMMYT. G3-1321-2. Seeds red. Cultivated. Seed.
455039. ETS 3363. CIMMYT. G3-1322-1. Endosperm yellow.
Cultivated. Seed.
455040. ETS 3363. CIMMYT. G3-1322-2. Endosperm yellow.
Cultivated. Seed.
455041. ETS 3363. CIMMYT. G3-1322-3. Endosperm yellow.
Cultivated. Seed.
455042. ETS 3364. CIMMYT. G3-1323-1. Seeds red. Cultivated. Seed.
455043. ETS 3364. CIMMYT. G3-1323-2. Seeds red. Cultivated. Seed.
455044. ETS 3365. CIMMYT. G3-1324. Seeds red. Cultivated. Seed.
455045. ETS 3366. CIMMYT. G3-1325-1. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

- 455046. ETS 3366. CIMMYT. G3-1325-2. Seeds bronze. Cultivated. Seed.
- 455047. ETS 3367. CIMMYT. G3-1326. Seeds bronze. Cultivated. Seed.
- 455048. ETS 3368. CIMMYT. G3-1327. Seeds red. Cultivated. Seed.
- 455049. ETS 3369. CIMMYT. G3-1328. Seeds red. Cultivated. Seed.
- 455050. ETS 3370-A. CIMMYT. G3-1329-1. Endosperm yellow. Cultivated. Seed.
- 455051. ETS 3370-A. CIMMYT. G3-1329-2. Endosperm yellow. Cultivated. Seed.
- 455052. ETS 3370-B. CIMMYT. G3-1330-1. Seeds bronze. Cultivated. Seed.
- 455053. ETS 3370-B. CIMMYT. G3-1330-2. Seeds bronze. Cultivated. Seed.
- 455054. ETS 3371. CIMMYT. G3-1331-1. Endosperm yellow. Cultivated. Seed.
- 455055. ETS 3371. CIMMYT. G3-1331-2. Endosperm yellow. Cultivated. Seed.
- 455056. ETS 3371. CIMMYT. G3-1331-3. Endosperm yellow. Cultivated. Seed.
- 455057. ETS 3372. CIMMYT. G3-1332-1. Seeds red. Cultivated. Seed.
- 455058. ETS 3372. CIMMYT. G3-1332-2. Seeds red. Cultivated. Seed.
- 455059. ETS 3373. CIMMYT. G3-1333-1. Endosperm yellow. Cultivated. Seed.
- 455060. ETS 3373. CIMMYT. G3-1333-2. Endosperm yellow. Cultivated. Seed.
- 455061. ETS 3374. CIMMYT. G3-1334-1. Seeds red. Cultivated. Seed.
- 455062. ETS 3374. CIMMYT. G3-1334-2. Seeds red. Cultivated. Seed.
- 455063. ETS 3374. CIMMYT. G3-1334-3. Seeds red. Cultivated. Seed.
- 455064. ETS 3375. CIMMYT. G3-1335-1. Seeds white. Cultivated. Seed.
- 455065. ETS 3375. CIMMYT. G3-1335-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 455066. ETS 3376. CIMMYT. G3-1336-1. Seeds white. Cultivated. Seed.
- 455067. ETS 3376. CIMMYT. G3-1336-2. Seeds white. Cultivated. Seed.
- 455068. ETS 3376. CIMMYT. G3-1336-3. Seeds white. Cultivated. Seed.
- 455069. ETS 3377. CIMMYT. G3-1337-1. Endosperm yellow. Cultivated. Seed.
- 455070. ETS 3377. CIMMYT. G3-1337-2. Endosperm yellow. Cultivated. Seed.
- 455071. ETS 3379. CIMMYT. G3-1339-1. Seeds bronze. Cultivated. Seed.
- 455072. ETS 3379. CIMMYT. G3-1339-2. Seeds bronze. Cultivated. Seed.
- 455073. ETS 3381. CIMMYT. G3-1341-1. Seeds bronze. Cultivated. Seed.
- 455074. ETS 3381. CIMMYT. G3-1341-2. Seeds bronze. Cultivated. Seed.
- 455075. ETS 3382. CIMMYT. G3-1342-1. Seeds white. Cultivated. Seed.
- 455076. ETS 3382. CIMMYT. G3-1342-2. Seeds white. Cultivated. Seed.
- 455077. ETS 3382. CIMMYT. G3-1342-3. Seeds white. Cultivated. Seed.
- 455078. ETS 3383. CIMMYT. G3-1343. Seeds bronze. Cultivated. Seed.
- 455079. ETS 3384. CIMMYT. G3-1344-1. Endosperm yellow. Cultivated. Seed.
- 455080. ETS 3384. CIMMYT. G3-1344-2. Endosperm yellow. Cultivated. Seed.
- 455081. ETS 3385. CIMMYT. G3-1345-1. Endosperm yellow. Cultivated. Seed.
- 455082. ETS 3385. CIMMYT. G3-1345-2. Endosperm yellow. Cultivated. Seed.
- 455083. ETS 3385. CIMMYT. G3-1345-3. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
455084. ETS 3386. CIMMYT. G3-1346-1. Seeds bronze. Cultivated. Seed.
455085. ETS 3386. CIMMYT. G3-1346-2. Seeds bronze. Cultivated. Seed.
455086. ETS 3387. CIMMYT. G3-1347-1. Seeds bronze. Cultivated. Seed.
455087. ETS 3387. CIMMYT. G3-1347-2. Seeds bronze. Cultivated. Seed.
455088. ETS 3387. CIMMYT. G3-1347-3. Seeds bronze. Cultivated. Seed.
455089. ETS 3388. CIMMYT. G3-1348-1. Seeds white. Cultivated. Seed.
455090. ETS 3388. CIMMYT. G3-1348-2. Seeds white. Cultivated. Seed.
455091. ETS 3389. CIMMYT. G3-1349. Seeds red. Cultivated. Seed.
455092. ETS 3390. CIMMYT. G3-1350-1. Seeds red. Cultivated. Seed.
455093. ETS 3390. CIMMYT. G3-1350-2. Seeds red. Cultivated. Seed.
455094. ETS 3392. CIMMYT. G3-1351-1. Seeds bronze. Cultivated. Seed.
455095. ETS 3392. CIMMYT. G3-1351-2. Seeds bronze. Cultivated. Seed.
455096. ETS 3393. CIMMYT. G3-1352-1. Seeds bronze. Cultivated. Seed.
455097. ETS 3393. CIMMYT. G3-1352-2. Seeds bronze. Cultivated. Seed.
455098. ETS 3394. CIMMYT. G3-1353-1. Seeds red. Cultivated. Seed.
455099. ETS 3394. CIMMYT. G3-1353-2. Seeds red. Cultivated. Seed.
455100. ETS 3396. CIMMYT. G3-1355-1. Endosperm yellow. Cultivated. Seed.
455101. ETS 3396. CIMMYT. G3-1355-2. Endosperm yellow. Cultivated. Seed.
455102. ETS 3396. CIMMYT. G3-1355-3. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

455103. ETS 3397. CIMMYT. G3-1356-1. Seeds white. Cultivated. Seed.
455104. ETS 3397. CIMMYT. G3-1356-2. Seeds white. Cultivated. Seed.
455105. ETS 3397. CIMMYT. G3-1356-3. Seeds white. Cultivated. Seed.
455106. ETS 3398-A. CIMMYT. G3-1357-1. Seeds bronze. Cultivated. Seed.
455107. ETS 3398-A. CIMMYT. G3-1357-2. Seeds bronze. Cultivated. Seed.
455108. ETS 3398-A. CIMMYT. G3-1357-3. Seeds bronze. Cultivated. Seed.
455109. ETS 3398-B. CIMMYT. G3-1358. Seeds bronze. Cultivated. Seed.
455110. ETS 3399. CIMMYT. G3-1359-1. Seeds red. Cultivated. Seed.
455111. ETS 3399. CIMMYT. G3-1359-2. Seeds red. Cultivated. Seed.
455112. ETS 3400. CIMMYT. G3-1360-1. Endosperm yellow. Cultivated. Seed.
455113. ETS 3400. CIMMYT. G3-1360-2. Endosperm yellow. Cultivated. Seed.
455114. ETS 3401. CIMMYT. G3-1361-1. Seeds red. Cultivated. Seed.
455115. ETS 3401. CIMMYT. G3-1361-2. Seeds red. Cultivated. Seed.
455116. ETS 3401. CIMMYT. G3-1361-3. Seeds red. Cultivated. Seed.
455117. ETS 3402. CIMMYT. G3-1362-1. Seeds bronze. Cultivated. Seed.
455118. ETS 3402. CIMMYT. G3-1362-2. Seeds bronze. Cultivated. Seed.
455119. ETS 3402. CIMMYT. G3-1362-3. Seeds bronze. Cultivated. Seed.
455120. ETS 3402. CIMMYT. G3-1362-4. Seeds bronze. Cultivated. Seed.
455121. ETS 3403. CIMMYT. G3-1363-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

455122. ETS 3403. CIMMYT. G3-1363-2. Seeds bronze. Cultivated. Seed.
455123. ETS 3404. CIMMYT. G3-1364-1. Endosperm yellow. Cultivated. Seed.
455124. ETS 3404. CIMMYT. G3-1364-2. Endosperm yellow. Cultivated. Seed.
455125. ETS 3405. CIMMYT. G3-1365. Seeds bronze. Cultivated. Seed.
455126. ETS 3406. CIMMYT. G3-1366-1. Endosperm yellow. Cultivated. Seed.
455127. ETS 3406. CIMMYT. G3-1366-2. Endosperm yellow. Cultivated. Seed.
455128. ETS 3407. CIMMYT. G3-1367-1. Cultivated. Seed.
455129. ETS 3407. CIMMYT. G3-1367-2. Cultivated. Seed.
455130. ETS 3408. CIMMYT. G3-1368. Endosperm yellow. Cultivated. Seed.
455131. ETS 3410. CIMMYT. G3-1370-1. Seeds bronze. Cultivated. Seed.
455132. ETS 3410. CIMMYT. G3-1370-2. Seeds bronze. Cultivated. Seed.
455133. ETS 3411. CIMMYT. G3-1371-1. Endosperm yellow. Cultivated. Seed.
455134. ETS 3411. CIMMYT. G3-1371-2. Endosperm yellow. Cultivated. Seed.
455135. ETS 3411. CIMMYT. G3-1371-3. Endosperm yellow. Cultivated. Seed.
455136. ETS 3412. CIMMYT. G3-1372-1. Seeds bronze. Cultivated. Seed.
455137. ETS 3412. CIMMYT. G3-1372-2. Seeds bronze. Cultivated. Seed.
455138. ETS 3412. CIMMYT. G3-1372-3. Seeds bronze. Cultivated. Seed.
455139. ETS 3412. CIMMYT. G3-1372-4. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

455140. ETS 3413. CIMMYT. G3-1373-1. Seeds bronze. Cultivated. Seed.
455141. ETS 3413. CIMMYT. G3-1373-2. Seeds bronze. Cultivated. Seed.
455142. ETS 3413. CIMMYT. G3-1373-3. Seeds bronze. Cultivated. Seed.
455143. ETS 3414. CIMMYT. G3-1374-1. Endosperm yellow. Cultivated. Seed.
455144. ETS 3414. CIMMYT. G3-1374-2. Endosperm yellow. Cultivated. Seed.
455145. ETS 3415. CIMMYT. G3-1375-1. Endosperm yellow. Cultivated. Seed.
455146. ETS 3415. CIMMYT. G3-1375-2. Endosperm yellow. Cultivated. Seed.
455147. ETS 3416. CIMMYT. G3-1376. Seeds bronze. Cultivated. Seed.
455148. ETS 3417. CIMMYT. G3-1377-1. Seeds bronze. Cultivated. Seed.
455149. ETS 3417. CIMMYT. G3-1377-2. Seeds bronze. Cultivated. Seed.
455150. ETS 3417. CIMMYT. G3-1377-3. Seeds bronze. Cultivated. Seed.
455151. ETS 3418. CIMMYT. G3-1378-1. Endosperm yellow. Cultivated. Seed.
455152. ETS 3418. CIMMYT. G3-1378-2. Endosperm yellow. Cultivated. Seed.
455153. ETS 3419. CIMMYT. G3-1379-1. Seeds bronze. Cultivated. Seed.
455154. ETS 3419. CIMMYT. G3-1379-2. Seeds bronze. Cultivated. Seed.
455155. ETS 3420. CIMMYT. G3-1380-1. Seeds bronze. Cultivated. Seed.
455156. ETS 3420. CIMMYT. G3-1380-2. Seeds bronze. Cultivated. Seed.
455157. ETS 3421. CIMMYT. G3-1381-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

455158. ETS 3421. CIMMYT. G3-1381-2. Seeds red. Cultivated. Seed.
455159. ETS 3422. CIMMYT. G3-1382-1. Endosperm yellow.
Cultivated. Seed.
455160. ETS 3422. CIMMYT. G3-1382-2. Endosperm yellow.
Cultivated. Seed.
455161. ETS 3423. CIMMYT. G3-1383-1. Endosperm yellow.
Cultivated. Seed.
455162. ETS 3423. CIMMYT. G3-1383-2. Endosperm yellow.
Cultivated. Seed.
455163. ETS 3424. CIMMYT. G3-1384-1. Seeds red. Cultivated. Seed.
455164. ETS 3424. CIMMYT. G3-1384-2. Seeds red. Cultivated. Seed.
455165. ETS 3426. CIMMYT. G3-1386-1. Seeds red. Cultivated. Seed.
455166. ETS 3426. CIMMYT. G3-1386-2. Seeds red. Cultivated. Seed.
455167. ETS 3428. CIMMYT. G3-1387-1. Seeds bronze. Cultivated.
Seed.
455168. ETS 3428. CIMMYT. G3-1387-2. Seeds bronze. Cultivated.
Seed.
455169. ETS 3430. CIMMYT. G3-1389-1. Seeds bronze. Cultivated.
Seed.
455170. ETS 3430. CIMMYT. G3-1389-2. Seeds bronze. Cultivated.
Seed.
455171. ETS 3431. CIMMYT. G3-1390-1. Endosperm yellow.
Cultivated. Seed.
455172. ETS 3431. CIMMYT. G3-1390-2. Endosperm yellow.
Cultivated. Seed.
455173. ETS 3431. CIMMYT. G3-1390-3. Endosperm yellow.
Cultivated. Seed.
455174. ETS 3432. CIMMYT. G3-1391-1. Seeds bronze. Cultivated.
Seed.
455175. ETS 3432. CIMMYT. G3-1391-2. Seeds bronze. Cultivated.
Seed.
455176. ETS 3433. CIMMYT. G3-1392-1. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

455177. ETS 3433. CIMMYT. G3-1392-2. Seeds bronze. Cultivated. Seed.
455178. ETS 3434. CIMMYT. G3-1393-1. Seeds bronze. Cultivated. Seed.
455179. ETS 3434. CIMMYT. G3-1393-2. Seeds bronze. Cultivated. Seed.
455180. ETS 3435. CIMMYT. G3-1394-1. Endosperm yellow. Cultivated. Seed.
455181. ETS 3435. CIMMYT. G3-1394-2. Endosperm yellow. Cultivated. Seed.
455182. ETS 3435. CIMMYT. G3-1394-3. Endosperm yellow. Cultivated. Seed.
455183. ETS 3436. CIMMYT. G3-1395-1. Seeds red. Cultivated. Seed.
455184. ETS 3436. CIMMYT. G3-1395-2. Seeds red. Cultivated. Seed.
455185. ETS 3437. CIMMYT. G3-1396-1. Seeds bronze. Cultivated. Seed.
455186. ETS 3437. CIMMYT. G3-1396-2. Seeds bronze. Cultivated. Seed.
455187. ETS 3437. CIMMYT. G3-1396-3. Seeds bronze. Cultivated. Seed.
455188. ETS 3439. CIMMYT. G3-1397-1. Endosperm yellow. Cultivated. Seed.
455189. ETS 3439. CIMMYT. G3-1397-2. Endosperm yellow. Cultivated. Seed.
455190. ETS 3439. CIMMYT. G3-1397-3. Endosperm yellow. Cultivated. Seed.
455191. ETS 3439. CIMMYT. G3-1397-4. Endosperm yellow. Cultivated. Seed.
455192. ETS 3440. CIMMYT. G3-1398-1. Seeds bronze. Cultivated. Seed.
455193. ETS 3440. CIMMYT. G3-1398-2. Seeds bronze. Cultivated. Seed.
455194. ETS 3442. CIMMYT. G3-1399-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

455195. ETS 3442. CIMMYT. G3-1399-2. Seeds bronze. Cultivated. Seed.
455196. ETS 3443. CIMMYT. G3-1400-1. Seeds bronze. Cultivated. Seed.
455197. ETS 3443. CIMMYT. G3-1400-2. Seeds bronze. Cultivated. Seed.
455198. ETS 3444. CIMMYT. G3-1401-1. Endosperm yellow. Cultivated. Seed.
455199. ETS 3444. CIMMYT. G3-1401-2. Endosperm yellow. Cultivated. Seed.
455200. ETS 3445. CIMMYT. G3-1402. Seeds red. Cultivated. Seed.
455201. ETS 3446. CIMMYT. G3-1403-1. Seeds bronze. Cultivated. Seed.
455202. ETS 3446. CIMMYT. G3-1403-2. Seeds bronze. Cultivated. Seed.
455203. ETS 3447. CIMMYT. G3-1404-1. Seeds bronze. Cultivated. Seed.
455204. ETS 3447. CIMMYT. G3-1404-2. Seeds bronze. Cultivated. Seed.
455205. ETS 3448. CIMMYT. G3-1405. Seeds bronze. Cultivated. Seed.
455206. ETS 3449. CIMMYT. G3-1406-1. Seeds bronze. Cultivated. Seed.
455207. ETS 3449. CIMMYT. G3-1406-2. Seeds bronze. Cultivated. Seed.
455208. ETS 3450. CIMMYT. G3-1407-1. Seeds bronze. Cultivated. Seed.
455209. ETS 3450. CIMMYT. G3-1407-2. Seeds bronze. Cultivated. Seed.
455210. ETS 3451. CIMMYT. G3-1408-1. Seeds bronze. Cultivated. Seed.
455211. ETS 3451. CIMMYT. G3-1408-2. Seeds bronze. Cultivated. Seed.
455212. ETS 3452. CIMMYT. G3-1409-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 455213. ETS 3452. CIMMYT. G3-1409-2. Seeds bronze. Cultivated. Seed.
- 455214. ETS 3453. CIMMYT. G3-1410. Seeds bronze. Cultivated. Seed.
- 455215. ETS 3454. CIMMYT. G3-1411. Seeds bronze. Cultivated. Seed.
- 455216. ETS 3455. CIMMYT. G3-1412-1. Endosperm yellow. Cultivated. Seed.
- 455217. ETS 3455. CIMMYT. G3-1412-2. Endosperm yellow. Cultivated. Seed.
- 455218. ETS 3455. CIMMYT. G3-1412-3. Endosperm yellow. Cultivated. Seed.
- 455219. ETS 3456. CIMMYT. G3-1413-1. Endosperm yellow. Cultivated. Seed.
- 455220. ETS 3456. CIMMYT. G3-1413-2. Endosperm yellow. Cultivated. Seed.
- 455221. ETS 3456. CIMMYT. G3-1413-3. Endosperm yellow. Cultivated. Seed.
- 455222. ETS 3457. CIMMYT. G3-1414-1. Endosperm yellow. Cultivated. Seed.
- 455223. ETS 3457. CIMMYT. G3-1414-2. Endosperm yellow. Cultivated. Seed.
- 455224. ETS 3457. CIMMYT. G3-1414-3. Endosperm yellow. Cultivated. Seed.
- 455225. ETS 3458. CIMMYT. G3-1415-1. Seeds bronze. Cultivated. Seed.
- 455226. ETS 3458. CIMMYT. G3-1415-2. Seeds bronze. Cultivated. Seed.
- 455227. ETS 3459. CIMMYT. G3-1416-1. Seeds white. Cultivated. Seed.
- 455228. ETS 3459. CIMMYT. G3-1416-2. Seeds white. Cultivated. Seed.
- 455229. ETS 3461. CIMMYT. G3-1418-1. Seeds bronze. Cultivated. Seed.
- 455230. ETS 3461. CIMMYT. G3-1418-2. Seeds bronze. Cultivated.

452502 TO 457915-continued

Seed.

455231. ETS 3463. CIMMYT. G3-1419-1. Seeds bronze. Cultivated.
Seed.

455232. ETS 3463. CIMMYT. G3-1419-2. Seeds bronze. Cultivated.
Seed.

455233. ETS 3464. CIMMYT. G3-1420-1. Seeds bronze. Cultivated.
Seed.

455234. ETS 3464. CIMMYT. G3-1420-2. Seeds bronze. Cultivated.
Seed.

455235. ETS 3466. CIMMYT. G3-1422-1. Seeds bronze. Cultivated.
Seed.

455236. ETS 3466. CIMMYT. G3-1422-2. Seeds bronze. Cultivated.
Seed.

455237. ETS 3467. CIMMYT. G3-1423-1. Seeds bronze. Cultivated.
Seed.

455238. ETS 3467. CIMMYT. G3-1423-2. Seeds bronze. Cultivated.
Seed.

455239. ETS 3468-A. CIMMYT. G3-1424-1. Seeds bronze. Cultivated.
Seed.

455240. ETS 3468-A. CIMMYT. G3-1424-2. Seeds bronze. Cultivated.
Seed.

455241. ETS 3468-B. CIMMYT. G3-1425-1. Seeds bronze. Cultivated.
Seed.

455242. ETS 3468-B. CIMMYT. G3-1425-2. Seeds bronze. Cultivated.
Seed.

455243. ETS 3469. CIMMYT. G3-1426. Seeds bronze. Cultivated.
Seed.

455244. ETS 3470-A. CIMMYT. G3-1427-1. Seeds bronze. Cultivated.
Seed.

455245. ETS 3470-A. CIMMYT. G3-1427-2. Seeds bronze. Cultivated.
Seed.

455246. ETS 3470-B. CIMMYT. G3-1428-1. Seeds bronze. Cultivated.
Seed.

455247. ETS 3470-B. CIMMYT. G3-1428-2. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

455248. ETS 3471. CIMMYT. G3-1429-1. Seeds red. Cultivated. Seed.
455249. ETS 3471. CIMMYT. G3-1429-2. Seeds red. Cultivated. Seed.
455250. ETS 3472. CIMMYT. G3-1430-1. Cultivated. Seed.
455251. ETS 3472. CIMMYT. G3-1430-2. Cultivated. Seed.
455252. ETS 3473. CIMMYT. G3-1431-1. Seeds red. Cultivated. Seed.
455253. ETS 3473. CIMMYT. G3-1431-2. Seeds red. Cultivated. Seed.
455254. ETS 3473. CIMMYT. G3-1431-3. Seeds red. Cultivated. Seed.
455255. ETS 3474. CIMMYT. G3-1432. Cultivated. Seed.
455256. ETS 3475. CIMMYT. G3-1433-1. Seeds bronze. Cultivated.
Seed.
455257. ETS 3475. CIMMYT. G3-1433-2. Seeds bronze. Cultivated.
Seed.
455258. ETS 3476. CIMMYT. G3-1434-1. Seeds red. Cultivated. Seed.
455259. ETS 3476. CIMMYT. G3-1434-2. Seeds red. Cultivated. Seed.
455260. ETS 3477. CIMMYT. G3-1435-1. Endosperm yellow.
Cultivated. Seed.
455261. ETS 3477. CIMMYT. G3-1435-2. Endosperm yellow.
Cultivated. Seed.
455262. ETS 3478. CIMMYT. G3-1436-1. Seeds bronze. Cultivated.
Seed.
455263. ETS 3478. CIMMYT. G3-1436-2. Seeds bronze. Cultivated.
Seed.
455264. ETS 3479. CIMMYT. G3-1437-1. Seeds red. Cultivated. Seed.
455265. ETS 3479. CIMMYT. G3-1437-2. Seeds red. Cultivated. Seed.
455266. ETS 3480. CIMMYT. G3-1438-1. Cultivated. Seed.
455267. ETS 3480. CIMMYT. G3-1438-2. Cultivated. Seed.
455268. ETS 3480. CIMMYT. G3-1438-3. Cultivated. Seed.
455269. ETS 3481. CIMMYT. G3-1439-1. Cultivated. Seed.
455270. ETS 3481. CIMMYT. G3-1439-2. Cultivated. Seed.

452502 TO 457915-continued

- 455271. ETS 3482. CIMMYT. G3-1440-1. Endosperm yellow. Cultivated. Seed.
- 455272. ETS 3482. CIMMYT. G3-1440-2. Endosperm yellow. Cultivated. Seed.
- 455273. ETS 3483. CIMMYT. G3-1441-1. Endosperm yellow. Cultivated. Seed.
- 455274. ETS 3483. CIMMYT. G3-1441-2. Endosperm yellow. Cultivated. Seed.
- 455275. ETS 3484. CIMMYT. G3-1442-1. Endosperm yellow. Cultivated. Seed.
- 455276. ETS 3484. CIMMYT. G3-1442-2. Endosperm yellow. Cultivated. Seed.
- 455277. ETS 3484. CIMMYT. G3-1442-3. Endosperm yellow. Cultivated. Seed.
- 455278. ETS 3485. CIMMYT. G3-1443-1. Seeds bronze. Cultivated. Seed.
- 455279. ETS 3485. CIMMYT. G3-1443-2. Seeds bronze. Cultivated. Seed.
- 455280. ETS 3486. CIMMYT. G3-1444-1. Cultivated. Seed.
- 455281. ETS 3486. CIMMYT. G3-1444-2. Cultivated. Seed.
- 455282. ETS 3487. CIMMYT. G3-1445-1. Endosperm yellow. Cultivated. Seed.
- 455283. ETS 3487. CIMMYT. G3-1445-2. Endosperm yellow. Cultivated. Seed.
- 455284. ETS 3488. CIMMYT. G3-1446-1. Seeds bronze. Cultivated. Seed.
- 455285. ETS 3488. CIMMYT. G3-1446-2. Seeds bronze. Cultivated. Seed.
- 455286. ETS 3488. CIMMYT. G3-1446-3. Seeds bronze. Cultivated. Seed.
- 455287. ETS 3489. CIMMYT. G3-1447-1. Seeds white. Cultivated. Seed.
- 455288. ETS 3489. CIMMYT. G3-1447-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

455289. ETS 3489. CIMMYT. G3-1447-3. Seeds white. Cultivated. Seed.
455290. ETS 3490. CIMMYT. G3-1448-1. Cultivated. Seed.
455291. ETS 3490. CIMMYT. G3-1448-2. Cultivated. Seed.
455292. ETS 3491. CIMMYT. G3-1449-1. Endosperm yellow. Cultivated. Seed.
455293. ETS 3491. CIMMYT. G3-1449-2. Endosperm yellow. Cultivated. Seed.
455294. ETS 3491. CIMMYT. G3-1449-3. Endosperm yellow. Cultivated. Seed.
455295. ETS 3492-A. CIMMYT. G3-1450-1. Seeds bronze. Cultivated. Seed.
455296. ETS 3492-A. CIMMYT. G3-1450-2. Seeds bronze. Cultivated. Seed.
455297. ETS 3492-B. CIMMYT. G3-1451-1. Cultivated. Seed.
455298. ETS 3492-B. CIMMYT. G3-1451-2. Cultivated. Seed.
455299. ETS 3492-B. CIMMYT. G3-1451-3. Cultivated. Seed.
455300. ETS 3493. CIMMYT. G3-1452-1. Seeds gray. Cultivated. Seed.
455301. ETS 3493. CIMMYT. G3-1452-2. Seeds gray. Cultivated. Seed.
455302. ETS 3494. CIMMYT. G3-1453-1. Seeds bronze. Cultivated. Seed.
455303. ETS 3494. CIMMYT. G3-1453-2. Seeds bronze. Cultivated. Seed.
455304. ETS 3494. CIMMYT. G3-1453-3. Seeds bronze. Cultivated. Seed.
455305. ETS 3495. CIMMYT. G3-1454. Seeds white. Cultivated. Seed.
455306. ETS 3496. CIMMYT. G3-1455-1. Seeds white. Cultivated. Seed.
455307. ETS 3496. CIMMYT. G3-1455-2. Seeds white. Cultivated. Seed.
455308. ETS 3497. CIMMYT. G3-1456-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
455309. ETS 3497. CIMMYT. G3-1456-2. Endosperm yellow.
Cultivated. Seed.
455310. ETS 3498. CIMMYT. G3-1457. Endosperm yellow. Cultivated.
Seed.
455311. ETS 3499. CIMMYT. G3-1458-1. Endosperm yellow.
Cultivated. Seed.
455312. ETS 3499. CIMMYT. G3-1458-2. Endosperm yellow.
Cultivated. Seed.
455313. ETS 3500. CIMMYT. G3-1459-1. Endosperm yellow.
Cultivated. Seed.
455314. ETS 3500. CIMMYT. G3-1459-2. Endosperm yellow.
Cultivated. Seed.
455315. ETS 3501. CIMMYT. G3-1460-1. Endosperm yellow.
Cultivated. Seed.
455316. ETS 3501. CIMMYT. G3-1460-2. Endosperm yellow.
Cultivated. Seed.
455317. ETS 3502. CIMMYT. G3-1461-1. Seeds red. Cultivated. Seed.
455318. ETS 3502. CIMMYT. G3-1461-2. Seeds red. Cultivated. Seed.
455319. ETS 3503. CIMMYT. G3-1462-1. Cultivated. Seed.
455320. ETS 3503. CIMMYT. G3-1462-2. Cultivated. Seed.
455321. ETS 3504. CIMMYT. G3-1463-1. Cultivated. Seed.
455322. ETS 3504. CIMMYT. G3-1463-2. Cultivated. Seed.
455323. ETS 3505. CIMMYT. G3-1464-1. Endosperm yellow.
Cultivated. Seed.
455324. ETS 3505. CIMMYT. G3-1464-2. Endosperm yellow.
Cultivated. Seed.
455325. ETS 3506. CIMMYT. G3-1465-1. Endosperm yellow.
Cultivated. Seed.
455326. ETS 3506. CIMMYT. G3-1465-2. Endosperm yellow.
Cultivated. Seed.
455327. ETS 3507. CIMMYT. G3-1466-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 455328. ETS 3507. CIMMYT. G3-1466-2. Endosperm yellow.
Cultivated. Seed.
- 455329. ETS 3507. CIMMYT. G3-1466-3. Endosperm yellow.
Cultivated. Seed.
- 455330. ETS 3508. CIMMYT. G3-1467-1. Seeds red. Cultivated. Seed.
- 455331. ETS 3508. CIMMYT. G3-1467-2. Seeds red. Cultivated. Seed.
- 455332. ETS 3509. CIMMYT. G3-1468-1. Endosperm yellow.
Cultivated. Seed.
- 455333. ETS 3509. CIMMYT. G3-1468-2. Endosperm yellow.
Cultivated. Seed.
- 455334. ETS 3510. CIMMYT. G3-1469-1. Endosperm yellow.
Cultivated. Seed.
- 455335. ETS 3510. CIMMYT. G3-1469-2. Endosperm yellow.
Cultivated. Seed.
- 455336. ETS 3511. CIMMYT. G3-1470-1. Seeds bronze. Cultivated.
Seed.
- 455337. ETS 3511. CIMMYT. G3-1470-2. Seeds bronze. Cultivated.
Seed.
- 455338. ETS 3512. CIMMYT. G3-1471. Endosperm yellow. Cultivated.
Seed.
- 455339. ETS 3513. CIMMYT. G3-1472-1. Endosperm yellow.
Cultivated. Seed.
- 455340. ETS 3513. CIMMYT. G3-1472-2. Endosperm yellow.
Cultivated. Seed.
- 455341. ETS 3516. CIMMYT. G3-1475-1. Seeds red. Cultivated. Seed.
- 455342. ETS 3516. CIMMYT. G3-1475-2. Seeds red. Cultivated. Seed.
- 455343. ETS 3517. CIMMYT. G3-1476-1. Seeds bronze. Cultivated.
Seed.
- 455344. ETS 3517. CIMMYT. G3-1476-2. Seeds bronze. Cultivated.
Seed.
- 455345. ETS 3518. CIMMYT. G3-1477-1. Endosperm yellow.
Cultivated. Seed.
- 455346. ETS 3518. CIMMYT. G3-1477-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

455347. ETS 3519. CIMMYT. G3-1478-1. Seeds red. Cultivated. Seed.
455348. ETS 3519. CIMMYT. G3-1478-2. Seeds red. Cultivated. Seed.
455349. ETS 3520. CIMMYT. G3-1479-1. Seeds bronze. Cultivated. Seed.
455350. ETS 3520. CIMMYT. G3-1479-2. Seeds bronze. Cultivated. Seed.
455351. ETS 3522. CIMMYT. G3-1481-1. Seeds bronze. Cultivated. Seed.
455352. ETS 3522. CIMMYT. G3-1481-2. Seeds bronze. Cultivated. Seed.
455353. ETS 3523. CIMMYT. G3-1482-1. Seeds bronze. Cultivated. Seed.
455354. ETS 3523. CIMMYT. G3-1482-2. Seeds bronze. Cultivated. Seed.
455355. ETS 3524. CIMMYT. G3-1483-1. Seeds bronze. Cultivated. Seed.
455356. ETS 3524. CIMMYT. G3-1483-2. Seeds bronze. Cultivated. Seed.
455357. ETS 3525. CIMMYT. G3-1484-1. Seeds red. Cultivated. Seed.
455358. ETS 3525. CIMMYT. G3-1484-2. Seeds red. Cultivated. Seed.
455359. ETS 3526. CIMMYT. G3-1485. Seeds bronze. Cultivated. Seed.
455360. ETS 3527. CIMMYT. G3-1486-1. Seeds bronze. Cultivated. Seed.
455361. ETS 3527. CIMMYT. G3-1486-2. Seeds bronze. Cultivated. Seed.
455362. ETS 3528. CIMMYT. G3-1487-1. Seeds bronze. Cultivated. Seed.
455363. ETS 3528. CIMMYT. G3-1487-2. Seeds bronze. Cultivated. Seed.
455364. ETS 3530. CIMMYT. G3-1488-1. Seeds bronze. Cultivated. Seed.
455365. ETS 3530. CIMMYT. G3-1488-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 455366. ETS 3533. CIMMYT. G3-1489-1. Cultivated. Seed.
- 455367. ETS 3533. CIMMYT. G3-1489-2. Cultivated. Seed.
- 455368. ETS 3534-A. CIMMYT. G3-1490. Seeds red. Cultivated. Seed.
- 455369. ETS 3534-B. CIMMYT. G3-1491. Seeds red. Cultivated. Seed.
- 455370. ETS 3534-C. CIMMYT. G3-1492. Seeds bronze. Cultivated. Seed.
- 455371. ETS 3535. CIMMYT. G3-1493-1. Cultivated. Seed.
- 455372. ETS 3535. CIMMYT. G3-1493-2. Cultivated. Seed.
- 455373. ETS 3536. CIMMYT. G3-1494. Seeds bronze. Cultivated. Seed.
- 455374. ETS 3538. CIMMYT. G3-1495-1. Seeds bronze. Cultivated. Seed.
- 455375. ETS 3538. CIMMYT. G3-1495-2. Seeds bronze. Cultivated. Seed.
- 455376. ETS 3538. CIMMYT. G3-1495-3. Seeds bronze. Cultivated. Seed.
- 455377. ETS 3540. CIMMYT. G3-1497. Endosperm yellow. Cultivated. Seed.
- 455378. ETS 3541. CIMMYT. G3-1498-1. Seeds bronze. Cultivated. Seed.
- 455379. ETS 3541. CIMMYT. G3-1498-2. Seeds bronze. Cultivated. Seed.
- 455380. ETS 3542. CIMMYT. G3-1499-1. Endosperm yellow. Cultivated. Seed.
- 455381. ETS 3542. CIMMYT. G3-1499-2. Endosperm yellow. Cultivated. Seed.
- 455382. ETS 3543. CIMMYT. G3-1500-1. Endosperm yellow. Cultivated. Seed.
- 455383. ETS 3543. CIMMYT. G3-1500-2. Endosperm yellow. Cultivated. Seed.
- 455384. ETS 3544. CIMMYT. G3-1501-1. Seeds white. Cultivated. Seed.
- 455385. ETS 3544. CIMMYT. G3-1501-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

455386. ETS 3544. CIMMYT. G3-1501-3. Seeds white. Cultivated. Seed.
455387. ETS 3545. CIMMYT. G3-1502. Seeds bronze. Cultivated. Seed.
455388. ETS 3547. CIMMYT. G3-1504. Cultivated. Seed.
455389. ETS 3549. CIMMYT. G3-1506-1. Seeds red. Cultivated. Seed.
455390. ETS 3549. CIMMYT. G3-1506-2. Seeds red. Cultivated. Seed.
455391. ETS 3550-B. CIMMYT. G3-1508. Endosperm yellow. Cultivated. Seed.
455392. ETS 3551-A. CIMMYT. G3-1509-1. Endosperm yellow. Cultivated. Seed.
455393. ETS 3551-A. CIMMYT. G3-1509-2. Endosperm yellow. Cultivated. Seed.
455394. ETS 3551-A. CIMMYT. G3-1509-3. Endosperm yellow. Cultivated. Seed.
455395. ETS 3551-B. CIMMYT. G3-1510. Seeds bronze. Cultivated. Seed.
455396. ETS 3552-A. CIMMYT. G3-1511-1. Seeds white. Cultivated. Seed.
455397. ETS 3552-A. CIMMYT. G3-1511-2. Seeds white. Cultivated. Seed.
455398. ETS 3552-B. CIMMYT. G3-1512-1. Cultivated. Seed.
455399. ETS 3552-B. CIMMYT. G3-1512-2. Cultivated. Seed.
455400. ETS 3552-B. CIMMYT. G3-1512-3. Cultivated. Seed.
455401. ETS 3552-B. CIMMYT. G3-1512-4. Cultivated. Seed.
455402. ETS 3553-A. CIMMYT. G3-1513-1. Seeds white. Cultivated. Seed.
455403. ETS 3553-A. CIMMYT. G3-1513-2. Seeds white. Cultivated. Seed.
455404. ETS 3553-A. CIMMYT. G3-1513-3. Seeds white. Cultivated. Seed.
455405. ETS 3553-B. CIMMYT. G3-1514-1. Endosperm yellow.

452502 TO 457915-continued

Cultivated. Seed.

455406. ETS 3553-B. CIMMYT. G3-1514-2. Endosperm yellow.
Cultivated. Seed.
455407. ETS 3554. CIMMYT. G3-1515-1. Endosperm yellow.
Cultivated. Seed.
455408. ETS 3554. CIMMYT. G3-1515-2. Endosperm yellow.
Cultivated. Seed.
455409. ETS 3554. CIMMYT. G3-1515-3. Endosperm yellow.
Cultivated. Seed.
455410. ETS 3555. CIMMYT. G3-1516-1. Endosperm yellow.
Cultivated. Seed.
455411. ETS 3555. CIMMYT. G3-1516-2. Endosperm yellow.
Cultivated. Seed.
455412. ETS 3556. CIMMYT. G3-1517-1. Seeds white. Cultivated.
Seed.
455413. ETS 3556. CIMMYT. G3-1517-2. Seeds white. Cultivated.
Seed.
455414. ETS 3557. CIMMYT. G3-1518-1. Endosperm yellow.
Cultivated. Seed.
455415. ETS 3557. CIMMYT. G3-1518-2. Endosperm yellow.
Cultivated. Seed.
455416. ETS 3557. CIMMYT. G3-1518-3. Endosperm yellow.
Cultivated. Seed.
455417. ETS 3558. CIMMYT. G3-1519-1. Seeds red. Cultivated. Seed.
455418. ETS 3558. CIMMYT. G3-1519-2. Seeds red. Cultivated. Seed.
455419. ETS 3559. CIMMYT. G3-1520-1. Endosperm yellow.
Cultivated. Seed.
455420. ETS 3559. CIMMYT. G3-1520-2. Endosperm yellow.
Cultivated. Seed.
455421. ETS 3560. CIMMYT. G3-1521-1. Seeds red. Cultivated. Seed.
455422. ETS 3560. CIMMYT. G3-1521-2. Seeds red. Cultivated. Seed.
455423. ETS 3561. CIMMYT. G3-1522-1. Seeds white. Cultivated.
Seed.
455424. ETS 3561. CIMMYT. G3-1522-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 455425. ETS 3562. CIMMYT. G3-1523-1. Endosperm yellow.
Cultivated. Seed.
- 455426. ETS 3562. CIMMYT. G3-1523-2. Endosperm yellow.
Cultivated. Seed.
- 455427. ETS 3563. CIMMYT. G3-1524-1. Endosperm yellow.
Cultivated. Seed.
- 455428. ETS 3563. CIMMYT. G3-1524-2. Endosperm yellow.
Cultivated. Seed.
- 455429. ETS 3564. CIMMYT. G3-1525-1. Seeds red. Cultivated. Seed.
- 455430. ETS 3564. CIMMYT. G3-1525-2. Seeds red. Cultivated. Seed.
- 455431. ETS 3565. CIMMYT. G3-1526-1. Seeds red. Cultivated. Seed.
- 455432. ETS 3565. CIMMYT. G3-1526-2. Seeds red. Cultivated. Seed.
- 455433. ETS 3567. CIMMYT. G3-1528-1. Endosperm yellow.
Cultivated. Seed.
- 455434. ETS 3567. CIMMYT. G3-1528-2. Endosperm yellow.
Cultivated. Seed.
- 455435. ETS 3568. CIMMYT. G3-1529. Seeds red. Cultivated. Seed.
- 455436. ETS 3569. CIMMYT. G3-1530-1. Endosperm yellow.
Cultivated. Seed.
- 455437. ETS 3569. CIMMYT. G3-1530-2. Endosperm yellow.
Cultivated. Seed.
- 455438. ETS 3570. CIMMYT. G3-1531. Endosperm yellow. Cultivated.
Seed.
- 455439. ETS 3571. CIMMYT. G3-1532-1. Endosperm yellow.
Cultivated. Seed.
- 455440. ETS 3571. CIMMYT. G3-1532-2. Endosperm yellow.
Cultivated. Seed.
- 455441. ETS 3572. CIMMYT. G3-1533-1. Endosperm yellow.
Cultivated. Seed.
- 455442. ETS 3572. CIMMYT. G3-1533-2. Endosperm yellow.
Cultivated. Seed.
- 455443. ETS 3573. CIMMYT. G3-1534. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

455444. ETS 3575. CIMMYT. G3-1536. Endosperm yellow. Cultivated. Seed.
455445. ETS 3576. CIMMYT. G3-1537-1. Seeds red. Cultivated. Seed.
455446. ETS 3576. CIMMYT. G3-1537-2. Seeds red. Cultivated. Seed.
455447. ETS 3576. CIMMYT. G3-1537-3. Seeds red. Cultivated. Seed.
455448. ETS 3577. CIMMYT. G3-1538-1. Seeds red. Cultivated. Seed.
455449. ETS 3577. CIMMYT. G3-1538-2. Seeds red. Cultivated. Seed.
455450. ETS 3578. CIMMYT. G3-1539-1. Seeds red. Cultivated. Seed.
455451. ETS 3578. CIMMYT. G3-1539-2. Seeds red. Cultivated. Seed.
455452. ETS 3578. CIMMYT. G3-1539-3. Seeds red. Cultivated. Seed.
455453. ETS 3578. CIMMYT. G3-1539-4. Seeds red. Cultivated. Seed.
455454. ETS 3579. CIMMYT. G3-1540-1. Seeds red. Cultivated. Seed.
455455. ETS 3579. CIMMYT. G3-1540-2. Seeds red. Cultivated. Seed.
455456. ETS 3580. CIMMYT. G3-1541-1. Seeds red. Cultivated. Seed.
455457. ETS 3580. CIMMYT. G3-1541-2. Seeds red. Cultivated. Seed.
455458. ETS 3581. CIMMYT. G3-1542-1. Seeds white. Cultivated. Seed.
455459. ETS 3581. CIMMYT. G3-1542-2. Seeds white. Cultivated. Seed.
455460. ETS 3582. CIMMYT. G3-1543-1. Seeds white. Cultivated. Seed.
455461. ETS 3582. CIMMYT. G3-1543-2. Seeds white. Cultivated. Seed.
455462. ETS 3584. CIMMYT. G3-1545-1. Endosperm yellow. Cultivated. Seed.
455463. ETS 3584. CIMMYT. G3-1545-2. Endosperm yellow. Cultivated. Seed.
455464. ETS 3587. CIMMYT. G3-1547-1. Seeds red. Cultivated. Seed.
455465. ETS 3587. CIMMYT. G3-1547-2. Seeds red. Cultivated. Seed.
455466. ETS 3588. CIMMYT. G3-1548-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

455467. ETS 3588. CIMMYT. G3-1548-2. Seeds bronze. Cultivated.
Seed.
455468. ETS 3590. CIMMYT. G3-1549-1. Seeds red. Cultivated. Seed.
455469. ETS 3590. CIMMYT. G3-1549-2. Seeds red. Cultivated. Seed.
455470. ETS 3591. CIMMYT. G3-1550-1. Seeds bronze. Cultivated.
Seed.
455471. ETS 3591. CIMMYT. G3-1550-2. Seeds bronze. Cultivated.
Seed.
455472. ETS 3591. CIMMYT. G3-1550-3. Seeds bronze. Cultivated.
Seed.
455473. ETS 3592. CIMMYT. G3-1551-1. Endosperm yellow.
Cultivated. Seed.
455474. ETS 3592. CIMMYT. G3-1551-2. Endosperm yellow.
Cultivated. Seed.
455475. ETS 3593. CIMMYT. G3-1552-1. Cultivated. Seed.
455476. ETS 3593. CIMMYT. G3-1552-2. Cultivated. Seed.
455477. ETS 3593. CIMMYT. G3-1552-3. Cultivated. Seed.
455478. ETS 3594. CIMMYT. G3-1553-1. Endosperm yellow.
Cultivated. Seed.
455479. ETS 3594. CIMMYT. G3-1553-2. Endosperm yellow.
Cultivated. Seed.
455480. ETS 3595. CIMMYT. G3-1554-1. Endosperm yellow.
Cultivated. Seed.
455481. ETS 3595. CIMMYT. G3-1554-2. Endosperm yellow.
Cultivated. Seed.
455482. ETS 3596. CIMMYT. G3-1555. Cultivated. Seed.
455483. ETS 3597. CIMMYT. G3-1556-1. Seeds bronze. Cultivated.
Seed.
455484. ETS 3597. CIMMYT. G3-1556-2. Seeds bronze. Cultivated.
Seed.
455485. ETS 3598. CIMMYT. G3-1557-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

455486. ETS 3598. CIMMYT. G3-1557-2. Endosperm yellow. Cultivated. Seed.
455487. ETS 3599. CIMMYT. G3-1558-1. Seeds bronze. Cultivated. Seed.
455488. ETS 3599. CIMMYT. G3-1558-2. Seeds bronze. Cultivated. Seed.
455489. ETS 3600. CIMMYT. G3-1559-1. Seeds bronze. Cultivated. Seed.
455490. ETS 3600. CIMMYT. G3-1559-2. Seeds bronze. Cultivated. Seed.
455491. ETS 3601. CIMMYT. G3-1560-1. Seeds bronze. Cultivated. Seed.
455492. ETS 3601. CIMMYT. G3-1560-2. Seeds bronze. Cultivated. Seed.
455493. ETS 3601. CIMMYT. G3-1560-3. Seeds bronze. Cultivated. Seed.
455494. ETS 3602. CIMMYT. G3-1561. Seeds bronze. Cultivated. Seed.
455495. ETS 3603. CIMMYT. G3-1562. Seeds bronze. Cultivated. Seed.
455496. ETS 3605. CIMMYT. G3-1564. Seeds bronze. Cultivated. Seed.
455497. ETS 3606. CIMMYT. G3-1565-1. Seeds bronze. Cultivated. Seed.
455498. ETS 3606. CIMMYT. G3-1565-2. Seeds bronze. Cultivated. Seed.
455499. ETS 3607. CIMMYT. G3-1566-1. Seeds red. Cultivated. Seed.
455500. ETS 3607. CIMMYT. G3-1566-2. Seeds red. Cultivated. Seed.
455501. ETS 3608. CIMMYT. G3-1567. Endosperm yellow. Cultivated. Seed.
455502. ETS 3609. CIMMYT. G3-1568-1. Seeds bronze. Cultivated. Seed.
455503. ETS 3609. CIMMYT. G3-1568-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 455504. ETS 3610. CIMMYT. G3-1569-1. Seeds bronze. Cultivated. Seed.
- 455505. ETS 3610. CIMMYT. G3-1569-2. Seeds bronze. Cultivated. Seed.
- 455506. ETS 3611. CIMMYT. G3-1570. Endosperm yellow. Cultivated. Seed.
- 455507. ETS 3613. CIMMYT. G3-1572-1. Endosperm yellow. Cultivated. Seed.
- 455508. ETS 3613. CIMMYT. G3-1572-2. Endosperm yellow. Cultivated. Seed.
- 455509. ETS 3613. CIMMYT. G3-1572-3. Endosperm yellow. Cultivated. Seed.
- 455510. ETS 3614. CIMMYT. G3-1573-1. Seeds bronze. Cultivated. Seed.
- 455511. ETS 3614. CIMMYT. G3-1573-2. Seeds bronze. Cultivated. Seed.
- 455512. ETS 3615. CIMMYT. G3-1574-1. Endosperm yellow. Cultivated. Seed.
- 455513. ETS 3615. CIMMYT. G3-1574-2. Endosperm yellow. Cultivated. Seed.
- 455514. ETS 3615. CIMMYT. G3-1574-3. Endosperm yellow. Cultivated. Seed.
- 455515. ETS 3616. CIMMYT. G3-1575-1. Seeds bronze. Cultivated. Seed.
- 455516. ETS 3616. CIMMYT. G3-1575-2. Seeds bronze. Cultivated. Seed.
- 455517. ETS 3617. CIMMYT. G3-1576-1. Cultivated. Seed.
- 455518. ETS 3617. CIMMYT. G3-1576-2. Cultivated. Seed.
- 455519. ETS 3618. CIMMYT. G3-1577-1. Endosperm yellow. Cultivated. Seed.
- 455520. ETS 3618. CIMMYT. G3-1577-2. Endosperm yellow. Cultivated. Seed.
- 455521. ETS 3619. CIMMYT. G3-1578-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

455522. ETS 3619. CIMMYT. G3-1578-2. Endosperm yellow.
Cultivated. Seed.
455523. ETS 3620. CIMMYT. G3-1579-1. Seeds red. Cultivated. Seed.
455524. ETS 3620. CIMMYT. G3-1579-2. Seeds red. Cultivated. Seed.
455525. ETS 3621. CIMMYT. G3-1580-1. Seeds bronze. Cultivated.
Seed.
455526. ETS 3621. CIMMYT. G3-1580-2. Seeds bronze. Cultivated.
Seed.
455527. ETS 3622. CIMMYT. G3-1581. Endosperm yellow. Cultivated.
Seed.
455528. ETS 3625. CIMMYT. G3-1583-1. Seeds bronze. Cultivated.
Seed.
455529. ETS 3625. CIMMYT. G3-1583-2. Seeds bronze. Cultivated.
Seed.
455530. ETS 3625. CIMMYT. G3-1583-3. Seeds bronze. Cultivated.
Seed.
455531. ETS 3626. CIMMYT. G3-1584-1. Endosperm yellow.
Cultivated. Seed.
455532. ETS 3626. CIMMYT. G3-1584-2. Endosperm yellow.
Cultivated. Seed.
455533. ETS 3626. CIMMYT. G3-1584-3. Endosperm yellow.
Cultivated. Seed.
455534. ETS 3627. CIMMYT. G3-1585-1. Endosperm yellow.
Cultivated. Seed.
455535. ETS 3627. CIMMYT. G3-1585-2. Endosperm yellow.
Cultivated. Seed.
455536. ETS 3628. CIMMYT. G3-1586-1. Seeds bronze. Cultivated.
Seed.
455537. ETS 3628. CIMMYT. G3-1586-2. Seeds bronze. Cultivated.
Seed.
455538. ETS 3632. CIMMYT. G3-1588-1. Endosperm yellow.
Cultivated. Seed.
455539. ETS 3632. CIMMYT. G3-1588-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 455540. ETS 3633. CIMMYT. G3-1589-1. Endosperm yellow. Cultivated. Seed.
- 455541. ETS 3633. CIMMYT. G3-1589-2. Endosperm yellow. Cultivated. Seed.
- 455542. ETS 3634. CIMMYT. G3-1590-1. Endosperm yellow. Cultivated. Seed.
- 455543. ETS 3634. CIMMYT. G3-1590-2. Endosperm yellow. Cultivated. Seed.
- 455544. ETS 3636. CIMMYT. G3-1592-1. Seeds bronze. Cultivated. Seed.
- 455545. ETS 3636. CIMMYT. G3-1592-2. Seeds bronze. Cultivated. Seed.
- 455546. ETS 3637. CIMMYT. G3-1593-1. Seeds bronze. Cultivated. Seed.
- 455547. ETS 3637. CIMMYT. G3-1593-2. Seeds bronze. Cultivated. Seed.
- 455548. ETS 3638. CIMMYT. G3-1594-1. Seeds bronze. Cultivated. Seed.
- 455549. ETS 3638. CIMMYT. G3-1594-2. Seeds bronze. Cultivated. Seed.
- 455550. ETS 3641. CIMMYT. G3-1596-1. Seeds bronze. Cultivated. Seed.
- 455551. ETS 3641. CIMMYT. G3-1596-2. Seeds bronze. Cultivated. Seed.
- 455552. ETS 3642. CIMMYT. G3-1597-1. Seeds bronze. Cultivated. Seed.
- 455553. ETS 3642. CIMMYT. G3-1597-2. Seeds bronze. Cultivated. Seed.
- 455554. ETS 3644. CIMMYT. G3-1599-1. Seeds bronze. Cultivated. Seed.
- 455555. ETS 3644. CIMMYT. G3-1599-2. Seeds bronze. Cultivated. Seed.
- 455556. ETS 3645. CIMMYT. G3-1600-1. Seeds bronze. Cultivated. Seed.
- 455557. ETS 3645. CIMMYT. G3-1600-2. Seeds bronze. Cultivated.

452502 TO 457915-continued

Seed.

455558. ETS 3646. CIMMYT. G3-1601-1. Seeds bronze. Cultivated. Seed.
455559. ETS 3646. CIMMYT. G3-1601-2. Seeds bronze. Cultivated. Seed.
455560. ETS 3649. CIMMYT. G3-1602-1. Endosperm yellow. Cultivated. Seed.
455561. ETS 3649. CIMMYT. G3-1602-2. Endosperm yellow. Cultivated. Seed.
455562. ETS 3650. CIMMYT. G3-1603-1. Seeds bronze. Cultivated. Seed.
455563. ETS 3650. CIMMYT. G3-1603-2. Seeds bronze. Cultivated. Seed.
455564. ETS 3651. CIMMYT. G3-1604-1. Endosperm yellow. Cultivated. Seed.
455565. ETS 3651. CIMMYT. G3-1604-2. Endosperm yellow. Cultivated. Seed.
455566. ETS 3653. CIMMYT. G3-1606-1. Endosperm yellow. Cultivated. Seed.
455567. ETS 3653. CIMMYT. G3-1606-2. Endosperm yellow. Cultivated. Seed.
455568. ETS 3654. CIMMYT. G3-1607-1. Endosperm yellow. Cultivated. Seed.
455569. ETS 3654. CIMMYT. G3-1607-2. Endosperm yellow. Cultivated. Seed.
455570. ETS 3655. CIMMYT. G3-1608-1. Endosperm yellow. Cultivated. Seed.
455571. ETS 3655. CIMMYT. G3-1608-2. Endosperm yellow. Cultivated. Seed.
455572. ETS 3656. CIMMYT. G3-1609-1. Endosperm yellow. Cultivated. Seed.
455573. ETS 3656. CIMMYT. G3-1609-2. Endosperm yellow. Cultivated. Seed.
455574. ETS 3659. CIMMYT. G3-1610-1. Seeds red. Cultivated. Seed.
455575. ETS 3659. CIMMYT. G3-1610-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 455576. ETS 3665. CIMMYT. G3-1615-1. Seeds red. Cultivated. Seed.
- 455577. ETS 3665. CIMMYT. G3-1615-2. Seeds red. Cultivated. Seed.
- 455578. ETS 3668. CIMMYT. G3-1618-1. Seeds red. Cultivated. Seed.
- 455579. ETS 3668. CIMMYT. G3-1618-2. Seeds red. Cultivated. Seed.
- 455580. ETS 3670. CIMMYT. G3-1619-1. Seeds bronze. Cultivated.
Seed.
- 455581. ETS 3670. CIMMYT. G3-1619-2. Seeds bronze. Cultivated.
Seed.
- 455582. ETS 3671. CIMMYT. G3-1620-1. Seeds bronze. Cultivated.
Seed.
- 455583. ETS 3671. CIMMYT. G3-1620-2. Seeds bronze. Cultivated.
Seed.
- 455584. ETS 3673. CIMMYT. G3-1622. Seeds bronze. Cultivated.
Seed.
- 455585. ETS 3674. CIMMYT. G3-1625-1. Cultivated. Seed.
- 455586. ETS 3674. CIMMYT. G3-1625-2. Cultivated. Seed.
- 455587. ETS 3677. CIMMYT. G3-1624-1. Seeds red. Cultivated. Seed.
- 455588. ETS 3677. CIMMYT. G3-1624-2. Seeds red. Cultivated. Seed.
- 455589. ETS 3678. CIMMYT. G3-1625-1. Seeds red. Cultivated. Seed.
- 455590. ETS 3678. CIMMYT. G3-1625-2. Seeds red. Cultivated. Seed.
- 455591. ETS 3679. CIMMYT. G3-1626-1. Seeds bronze. Cultivated.
Seed.
- 455592. ETS 3679. CIMMYT. G3-1626-2. Seeds bronze. Cultivated.
Seed.
- 455593. ETS 3682. CIMMYT. G3-1628-1. Seeds red. Cultivated. Seed.
- 455594. ETS 3682. CIMMYT. G3-1628-2. Seeds red. Cultivated. Seed.
- 455595. ETS 3682. CIMMYT. G3-1628-3. Seeds red. Cultivated. Seed.
- 455596. ETS 3683. CIMMYT. G3-1629-1. Seeds bronze. Cultivated.
Seed.
- 455597. ETS 3683. CIMMYT. G3-1629-2. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

455598. ETS 3684. CIMMYT. G3-1630. Seeds bronze. Cultivated. Seed.
455599. ETS 3685. CIMMYT. G3-1631-1. Seeds bronze. Cultivated. Seed.
455600. ETS 3685. CIMMYT. G3-1631-2. Seeds bronze. Cultivated. Seed.
455601. ETS 3685. CIMMYT. G3-1631-3. Seeds bronze. Cultivated. Seed.
455602. ETS 3688. CIMMYT. G3-1633. Seeds bronze. Cultivated. Seed.
455603. ETS 3690. CIMMYT. G3-1635-1. Seeds bronze. Cultivated. Seed.
455604. ETS 3690. CIMMYT. G3-1635-2. Seeds bronze. Cultivated. Seed.
455605. ETS 3692. CIMMYT. G3-1637-1. Seeds red. Cultivated. Seed.
455606. ETS 3692. CIMMYT. G3-1637-2. Seeds red. Cultivated. Seed.
455607. ETS 3694. CIMMYT. G3-1638-1. Endosperm yellow. Cultivated. Seed.
455608. ETS 3694. CIMMYT. G3-1638-2. Endosperm yellow. Cultivated. Seed.
455609. ETS 3695. CIMMYT. G3-1639-1. Seeds bronze. Cultivated. Seed.
455610. ETS 3695. CIMMYT. G3-1639-2. Seeds bronze. Cultivated. Seed.
455611. ETS 3696. CIMMYT. G3-1640-1. Endosperm yellow. Cultivated. Seed.
455612. ETS 3696. CIMMYT. G3-1640-2. Endosperm yellow. Cultivated. Seed.
455613. ETS 3696. CIMMYT. G3-1640-3. Endosperm yellow. Cultivated. Seed.
455614. ETS 3701. CIMMYT. G3-1643-1. Seeds bronze. Cultivated. Seed.
455615. ETS 3701. CIMMYT. G3-1643-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

455616. ETS 3702. CIMMYT. G3-1644-1. Seeds bronze. Cultivated. Seed.
455617. ETS 3702. CIMMYT. G3-1644-2. Seeds bronze. Cultivated. Seed.
455618. ETS 3703. CIMMYT. G3-1645-1. Seeds bronze. Cultivated. Seed.
455619. ETS 3703. CIMMYT. G3-1645-2. Seeds bronze. Cultivated. Seed.
455620. ETS 3705. CIMMYT. G3-1647-1. Endosperm yellow. Cultivated. Seed.
455621. ETS 3705. CIMMYT. G3-1647-2. Endosperm yellow. Cultivated. Seed.
455622. ETS 3706. CIMMYT. G3-1648-1. Endosperm yellow. Cultivated. Seed.
455623. ETS 3706. CIMMYT. G3-1648-2. Endosperm yellow. Cultivated. Seed.
455624. ETS 3707. CIMMYT. G3-1649-1. Endosperm yellow. Cultivated. Seed.
455625. ETS 3707. CIMMYT. G3-1649-2. Endosperm yellow. Cultivated. Seed.
455626. ETS 3707. CIMMYT. G3-1649-3. Endosperm yellow. Cultivated. Seed.
455627. ETS 3708. CIMMYT. G3-1650-1. Seeds bronze. Cultivated. Seed.
455628. ETS 3708. CIMMYT. G3-1650-2. Seeds bronze. Cultivated. Seed.
455629. ETS 3709. CIMMYT. G3-1651-1. Endosperm yellow. Cultivated. Seed.
455630. ETS 3709. CIMMYT. G3-1651-2. Endosperm yellow. Cultivated. Seed.
455631. ETS 3710. CIMMYT. G3-1652-1. Seeds red. Cultivated. Seed.
455632. ETS 3710. CIMMYT. G3-1652-2. Seeds red. Cultivated. Seed.
455633. ETS 3711. CIMMYT. G3-1653-1. Seeds red. Cultivated. Seed.
455634. ETS 3711. CIMMYT. G3-1653-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

455635. ETS 3712. CIMMYT. G3-1654-1. Seeds bronze. Cultivated. Seed.
455636. ETS 3712. CIMMYT. G3-1654-2. Seeds bronze. Cultivated. Seed.
455637. ETS 3713. CIMMYT. G3-1655. Seeds bronze. Cultivated. Seed.
455638. ETS 3714. CIMMYT. G3-1656-1. Endosperm yellow. Cultivated. Seed.
455639. ETS 3714. CIMMYT. G3-1656-2. Endosperm yellow. Cultivated. Seed.
455640. ETS 3715. CIMMYT. G3-1657-1. Endosperm yellow. Cultivated. Seed.
455641. ETS 3715. CIMMYT. G3-1657-2. Endosperm yellow. Cultivated. Seed.
455642. ETS 3716. CIMMYT. G3-1658-1. Seeds white. Cultivated. Seed.
455643. ETS 3716. CIMMYT. G3-1658-2. Seeds white. Cultivated. Seed.
455644. ETS 3717. CIMMYT. G3-1659-1. Seeds white. Cultivated. Seed.
455645. ETS 3717. CIMMYT. G3-1659-2. Seeds white. Cultivated. Seed.
455646. ETS 3717. CIMMYT. G3-1659-3. Seeds white. Cultivated. Seed.
455647. ETS 3718. CIMMYT. G3-1660-1. Seeds red. Cultivated. Seed.
455648. ETS 3718. CIMMYT. G3-1660-2. Seeds red. Cultivated. Seed.
455649. ETS 3719. CIMMYT. G3-1661-1. Seeds bronze. Cultivated. Seed.
455650. ETS 3719. CIMMYT. G3-1661-2. Seeds bronze. Cultivated. Seed.
455651. ETS 3720. CIMMYT. G3-1662-1. Seeds bronze. Cultivated. Seed.
455652. ETS 3720. CIMMYT. G3-1662-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 455653. ETS 3721. CIMMYT. G3-1663-1. Endosperm yellow. Cultivated. Seed.
- 455654. ETS 3721. CIMMYT. G3-1663-2. Endosperm yellow. Cultivated. Seed.
- 455655. ETS 3721. CIMMYT. G3-1663-3. Endosperm yellow. Cultivated. Seed.
- 455656. ETS 3722. CIMMYT. G3-1664-1. Seeds white. Cultivated. Seed.
- 455657. ETS 3722. CIMMYT. G3-1664-2. Seeds white. Cultivated. Seed.
- 455658. ETS 3723. CIMMYT. G3-1665-1. Seeds bronze. Cultivated. Seed.
- 455659. ETS 3723. CIMMYT. G3-1665-2. Seeds bronze. Cultivated. Seed.
- 455660. ETS 3723. CIMMYT. G3-1665-3. Seeds bronze. Cultivated. Seed.
- 455661. ETS 3724. CIMMYT. G3-1666-1. Seeds bronze. Cultivated. Seed.
- 455662. ETS 3724. CIMMYT. G3-1666-2. Seeds bronze. Cultivated. Seed.
- 455663. ETS 3725. CIMMYT. G3-1667-1. Seeds bronze. Cultivated. Seed.
- 455664. ETS 3725. CIMMYT. G3-1667-2. Seeds bronze. Cultivated. Seed.
- 455665. ETS 3726. CIMMYT. G3-1668-1. Endosperm yellow. Cultivated. Seed.
- 455666. ETS 3726. CIMMYT. G3-1668-2. Endosperm yellow. Cultivated. Seed.
- 455667. ETS 3731. CIMMYT. G3-1673. Seeds bronze. Cultivated. Seed.
- 455668. ETS 3732. CIMMYT. G3-1674-1. Endosperm yellow. Cultivated. Seed.
- 455669. ETS 3732. CIMMYT. G3-1674-2. Endosperm yellow. Cultivated. Seed.
- 455670. ETS 3733. CIMMYT. G3-1675. Endosperm yellow. Cultivated.

452502 TO 457915-continued
Seed.

- 455671. ETS 3734. CIMMYT. G3-1676-1. Seeds red. Cultivated. Seed.
- 455672. ETS 3734. CIMMYT. G3-1676-2. Seeds red. Cultivated. Seed.
- 455673. ETS 3735. CIMMYT. G3-1677-1. Endosperm yellow.
Cultivated. Seed.
- 455674. ETS 3735. CIMMYT. G3-1677-2. Endosperm yellow.
Cultivated. Seed.
- 455675. ETS 3736. CIMMYT. G3-1678-1. Cultivated. Seed.
- 455676. ETS 3736. CIMMYT. G3-1678-2. Cultivated. Seed.
- 455677. ETS 3737. CIMMYT. G3-1679. Endosperm yellow. Cultivated.
Seed.
- 455678. ETS 3738. CIMMYT. G3-1680-1. Seeds bronze. Cultivated.
Seed.
- 455679. ETS 3738. CIMMYT. G3-1680-2. Seeds bronze. Cultivated.
Seed.
- 455680. ETS 3739. CIMMYT. G3-1681-1. Seeds red. Cultivated. Seed.
- 455681. ETS 3739. CIMMYT. G3-1681-2. Seeds red. Cultivated. Seed.
- 455682. ETS 3740. CIMMYT. G3-1682-1. Seeds red. Cultivated. Seed.
- 455683. ETS 3740. CIMMYT. G3-1682-2. Seeds red. Cultivated. Seed.
- 455684. ETS 3741. CIMMYT. G3-1683-1. Seeds bronze. Cultivated.
Seed.
- 455685. ETS 3741. CIMMYT. G3-1683-2. Seeds bronze. Cultivated.
Seed.
- 455686. ETS 3742. CIMMYT. G3-1684-1. Seeds red. Cultivated. Seed.
- 455687. ETS 3742. CIMMYT. G3-1684-2. Seeds red. Cultivated. Seed.
- 455688. ETS 3743. CIMMYT. G3-1685-1. Seeds red. Cultivated. Seed.
- 455689. ETS 3743. CIMMYT. G3-1685-2. Seeds red. Cultivated. Seed.
- 455690. ETS 3744. CIMMYT. G3-1686-1. Endosperm yellow.
Cultivated. Seed.
- 455691. ETS 3744. CIMMYT. G3-1686-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

455692. ETS 3744. CIMMYT. G3-1686-3. Endosperm yellow.
Cultivated. Seed.
455693. ETS 3745. CIMMYT. G3-1687. Seeds bronze. Cultivated.
Seed.
455694. ETS 3746. CIMMYT. G3-1688-1. Endosperm yellow.
Cultivated. Seed.
455695. ETS 3746. CIMMYT. G3-1688-2. Endosperm yellow.
Cultivated. Seed.
455696. ETS 3748. CIMMYT. G3-1689-1. Seeds red. Cultivated. Seed.
455697. ETS 3748. CIMMYT. G3-1689-2. Seeds red. Cultivated. Seed.
455698. ETS 3748. CIMMYT. G3-1689-3. Seeds red. Cultivated. Seed.
455699. ETS 3749. CIMMYT. G3-1690-1. Cultivated. Seed.
455700. ETS 3749. CIMMYT. G3-1690-2. Cultivated. Seed.
455701. ETS 3750. CIMMYT. G3-1691-1. Seeds bronze. Cultivated.
Seed.
455702. ETS 3750. CIMMYT. G3-1691-2. Seeds bronze. Cultivated.
Seed.
455703. ETS 3753. CIMMYT. G3-1692-1. Seeds red. Cultivated. Seed.
455704. ETS 3753. CIMMYT. G3-1692-2. Seeds red. Cultivated. Seed.
455705. ETS 3753. CIMMYT. G3-1692-3. Seeds red. Cultivated. Seed.
455706. ETS 3754. CIMMYT. G3-1693-1. Endosperm yellow.
Cultivated. Seed.
455707. ETS 3754. CIMMYT. G3-1693-2. Endosperm yellow.
Cultivated. Seed.
455708. ETS 3755. CIMMYT. G3-1694-1. Endosperm yellow.
Cultivated. Seed.
455709. ETS 3755. CIMMYT. G3-1694-2. Endosperm yellow.
Cultivated. Seed.
455710. ETS 3755. CIMMYT. G3-1694-3. Endosperm yellow.
Cultivated. Seed.
455711. ETS 3757. CIMMYT. G3-1696-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

455712. ETS 3757. CIMMYT. G3-1696-2. Endosperm yellow. Cultivated. Seed.
455713. ETS 3758. CIMMYT. G3-1697-1. Endosperm yellow. Cultivated. Seed.
455714. ETS 3758. CIMMYT. G3-1697-2. Endosperm yellow. Cultivated. Seed.
455715. ETS 3759. CIMMYT. G3-1698-1. Endosperm yellow. Cultivated. Seed.
455716. ETS 3759. CIMMYT. G3-1698-2. Endosperm yellow. Cultivated. Seed.
455717. ETS 3760. CIMMYT. G3-1699-1. Endosperm yellow. Cultivated. Seed.
455718. ETS 3760. CIMMYT. G3-1699-2. Endosperm yellow. Cultivated. Seed.
455719. ETS 3761. CIMMYT. G3-1700-1. Seeds white. Cultivated. Seed.
455720. ETS 3761. CIMMYT. G3-1700-2. Seeds white. Cultivated. Seed.
455721. ETS 3762. CIMMYT. G3-1701-1. Seeds bronze. Cultivated. Seed.
455722. ETS 3762. CIMMYT. G3-1701-2. Seeds bronze. Cultivated. Seed.
455723. ETS 3763. CIMMYT. G3-1702-1. Seeds bronze. Cultivated. Seed.
455724. ETS 3763. CIMMYT. G3-1702-2. Seeds bronze. Cultivated. Seed.
455725. ETS 3765. CIMMYT. G3-1704-1. Seeds white. Cultivated. Seed.
455726. ETS 3765. CIMMYT. G3-1704-2. Seeds white. Cultivated. Seed.
455727. ETS 3767. CIMMYT. G3-1705-1. Seeds white. Cultivated. Seed.
455728. ETS 3767. CIMMYT. G3-1705-2. Seeds white. Cultivated. Seed.
455729. ETS 3768. CIMMYT. G3-1706-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

455730. ETS 3768. CIMMYT. G3-1706-2. Seeds white. Cultivated.
Seed.
455731. ETS 3769. CIMMYT. G3-1707-1. Seeds white. Cultivated.
Seed.
455732. ETS 3769. CIMMYT. G3-1707-2. Seeds white. Cultivated.
Seed.
455733. ETS 3769. CIMMYT. G3-1707-3. Seeds white. Cultivated.
Seed.
455734. ETS 3770. CIMMYT. G3-1708-1. Seeds bronze. Cultivated.
Seed.
455735. ETS 3770. CIMMYT. G3-1708-2. Seeds bronze. Cultivated.
Seed.
455736. ETS 3771. CIMMYT. G3-1709-1. Seeds bronze. Cultivated.
Seed.
455737. ETS 3771. CIMMYT. G3-1709-2. Seeds bronze. Cultivated.
Seed.
455738. ETS 3772. CIMMYT. G3-1710-1. Endosperm yellow.
Cultivated. Seed.
455739. ETS 3772. CIMMYT. G3-1710-2. Endosperm yellow.
Cultivated. Seed.
455740. ETS 3774. CIMMYT. G3-1711-1. Seeds red. Cultivated. Seed.
455741. ETS 3774. CIMMYT. G3-1711-2. Seeds red. Cultivated. Seed.
455742. ETS 3775. CIMMYT. G3-1712-1. Endosperm yellow.
Cultivated. Seed.
455743. ETS 3775. CIMMYT. G3-1712-2. Endosperm yellow.
Cultivated. Seed.
455744. ETS 3776. CIMMYT. G3-1713-1. Seeds bronze. Cultivated.
Seed.
455745. ETS 3776. CIMMYT. G3-1713-2. Seeds bronze. Cultivated.
Seed.
455746. ETS 3777. CIMMYT. G3-1714-1. Seeds bronze. Cultivated.
Seed.
455747. ETS 3777. CIMMYT. G3-1714-2. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

455748. ETS 3778. CIMMYT. G3-1715-1. Seeds white. Cultivated. Seed.
455749. ETS 3778. CIMMYT. G3-1715-2. Seeds white. Cultivated. Seed.
455750. ETS 3778. CIMMYT. G3-1715-3. Seeds white. Cultivated. Seed.
455751. ETS 3778. CIMMYT. G3-1715-4. Seeds white. Cultivated. Seed.
455752. ETS 3778. CIMMYT. G3-1715-5. Seeds white. Cultivated. Seed.
455753. ETS 3779. CIMMYT. G3-1716-1. Endosperm yellow. Cultivated. Seed.
455754. ETS 3779. CIMMYT. G3-1716-2. Endosperm yellow. Cultivated. Seed.
455755. ETS 3779. CIMMYT. G3-1716-3. Endosperm yellow. Cultivated. Seed.
455756. ETS 3780. CIMMYT. G3-1717-1. Endosperm yellow. Cultivated. Seed.
455757. ETS 3780. CIMMYT. G3-1717-2. Endosperm yellow. Cultivated. Seed.
455758. ETS 3780. CIMMYT. G3-1717-3. Endosperm yellow. Cultivated. Seed.
455759. ETS 3781. CIMMYT. G3-1718-1. Seeds red. Cultivated. Seed.
455760. ETS 3781. CIMMYT. G3-1718-2. Seeds red. Cultivated. Seed.
455761. ETS 3782. CIMMYT. G3-1719-1. Seeds bronze. Cultivated. Seed.
455762. ETS 3782. CIMMYT. G3-1719-2. Seeds bronze. Cultivated. Seed.
455763. ETS 3782. CIMMYT. G3-1719-3. Seeds bronze. Cultivated. Seed.
455764. ETS 3783. CIMMYT. G3-1720-1. Seeds bronze. Cultivated. Seed.
455765. ETS 3783. CIMMYT. G3-1720-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 455766. ETS 3783. CIMMYT. G3-1720-3. Seeds bronze. Cultivated. Seed.
- 455767. ETS 3784-A. CIMMYT. G3-1721-1. Seeds red. Cultivated. Seed.
- 455768. ETS 3784-A. CIMMYT. G3-1721-2. Seeds red. Cultivated. Seed.
- 455769. ETS 3784-A. CIMMYT. G3-1721-3. Seeds red. Cultivated. Seed.
- 455770. ETS 3784-B. CIMMYT. G3-1722. Seeds white. Cultivated. Seed.
- 455771. ETS 3785. CIMMYT. G3-1723-1. Seeds bronze. Cultivated. Seed.
- 455772. ETS 3785. CIMMYT. G3-1723-2. Seeds bronze. Cultivated. Seed.
- 455773. ETS 3786. CIMMYT. G3-1724-1. Seeds white. Cultivated. Seed.
- 455774. ETS 3786. CIMMYT. G3-1724-2. Seeds white. Cultivated. Seed.
- 455775. ETS 3787. CIMMYT. G3-1725-1. Seeds white. Cultivated. Seed.
- 455776. ETS 3787. CIMMYT. G3-1725-2. Seeds white. Cultivated. Seed.
- 455777. ETS 3787. CIMMYT. G3-1725-3. Seeds white. Cultivated. Seed.
- 455778. ETS 3788. CIMMYT. G3-1726-1. Seeds white. Cultivated. Seed.
- 455779. ETS 3788. CIMMYT. G3-1726-2. Seeds white. Cultivated. Seed.
- 455780. ETS 3789. CIMMYT. G3-1727-1. Seeds white. Cultivated. Seed.
- 455781. ETS 3789. CIMMYT. G3-1727-2. Seeds white. Cultivated. Seed.
- 455782. ETS 3789. CIMMYT. G3-1727-3. Seeds white. Cultivated. Seed.
- 455783. ETS 3790. CIMMYT. G3-1728-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

455784. ETS 3790. CIMMYT. G3-1728-2. Seeds bronze. Cultivated.
Seed.
455785. ETS 3791. CIMMYT. G3-1729-1. Endosperm yellow.
Cultivated. Seed.
455786. ETS 3791. CIMMYT. G3-1729-2. Endosperm yellow.
Cultivated. Seed.
455787. ETS 3791. CIMMYT. G3-1729-3. Endosperm yellow.
Cultivated. Seed.
455788. ETS 3792. CIMMYT. G3-1730-1. Cultivated. Seed.
455789. ETS 3792. CIMMYT. G3-1730-2. Cultivated. Seed.
455790. ETS 3792. CIMMYT. G3-1730-3. Cultivated. Seed.
455791. ETS 3793. CIMMYT. G3-1731-1. Seeds red. Cultivated. Seed.
455792. ETS 3793. CIMMYT. G3-1731-2. Seeds red. Cultivated. Seed.
455793. ETS 3794. CIMMYT. G3-1732-1. Seeds white. Cultivated.
Seed.
455794. ETS 3794. CIMMYT. G3-1732-2. Seeds white. Cultivated.
Seed.
455795. ETS 3795. CIMMYT. G3-1733-1. Seeds red. Cultivated. Seed.
455796. ETS 3795. CIMMYT. G3-1733-2. Seeds red. Cultivated. Seed.
455797. ETS 3796. CIMMYT. G3-1734-1. Seeds white. Cultivated.
Seed.
455798. ETS 3796. CIMMYT. G3-1734-2. Seeds white. Cultivated.
Seed.
455799. ETS 3797. CIMMYT. G3-1735-1. Seeds gray. Cultivated.
Seed.
455800. ETS 3797. CIMMYT. G3-1735-2. Seeds gray. Cultivated.
Seed.
455801. ETS 3798. CIMMYT. G3-1736. Seeds white. Cultivated. Seed.
455802. ETS 3799. CIMMYT. G3-1737-1. Seeds red. Cultivated. Seed.
455803. ETS 3799. CIMMYT. G3-1737-2. Seeds red. Cultivated. Seed.
455804. ETS 3800. CIMMYT. G3-1738-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
455805. ETS 3800. CIMMYT. G3-1738-2. Endosperm yellow.
Cultivated. Seed.
455806. ETS 3801. CIMMYT. G3-1739-1. Seeds bronze. Cultivated.
Seed.
455807. ETS 3801. CIMMYT. G3-1739-2. Seeds bronze. Cultivated.
Seed.
455808. ETS 3802. CIMMYT. G3-1740-1. Endosperm yellow.
Cultivated. Seed.
455809. ETS 3802. CIMMYT. G3-1740-2. Endosperm yellow.
Cultivated. Seed.
455810. ETS 3803. CIMMYT. G3-1741-1. Seeds bronze. Cultivated.
Seed.
455811. ETS 3803. CIMMYT. G3-1741-2. Seeds bronze. Cultivated.
Seed.
455812. ETS 3805. CIMMYT. G3-1742-1. Endosperm yellow.
Cultivated. Seed.
455813. ETS 3805. CIMMYT. G3-1742-2. Endosperm yellow.
Cultivated. Seed.
455814. ETS 3807. CIMMYT. G3-1744-1. Cultivated. Seed.
455815. ETS 3807. CIMMYT. G3-1744-2. Cultivated. Seed.
455816. ETS 3808. CIMMYT. G3-1745-1. Seeds white. Cultivated.
Seed.
455817. ETS 3808. CIMMYT. G3-1745-2. Seeds white. Cultivated.
Seed.
455818. ETS 3809. CIMMYT. G3-1746-1. Endosperm yellow.
Cultivated. Seed.
455819. ETS 3809. CIMMYT. G3-1746-2. Endosperm yellow.
Cultivated. Seed.
455820. ETS 3810. CIMMYT. G3-1747-1. Seeds white. Cultivated.
Seed.
455821. ETS 3810. CIMMYT. G3-1747-2. Seeds white. Cultivated.
Seed.
455822. ETS 3810. CIMMYT. G3-1747-3. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 455823. ETS 3811. CIMMYT. G3-1748-1. Seeds red. Cultivated. Seed.
- 455824. ETS 3811. CIMMYT. G3-1748-2. Seeds red. Cultivated. Seed.
- 455825. ETS 3812. CIMMYT. G3-1749-1. Seeds white. Cultivated. Seed.
- 455826. ETS 3812. CIMMYT. G3-1749-2. Seeds white. Cultivated. Seed.
- 455827. ETS 3812. CIMMYT. G3-1749-3. Seeds white. Cultivated. Seed.
- 455828. ETS 3813. CIMMYT. G3-1750-1. Seeds bronze. Cultivated. Seed.
- 455829. ETS 3813. CIMMYT. G3-1750-2. Seeds bronze. Cultivated. Seed.
- 455830. ETS 3814. CIMMYT. G3-1751-1. Cultivated. Seed.
- 455831. ETS 3814. CIMMYT. G3-1751-2. Cultivated. Seed.
- 455832. ETS 3815. CIMMYT. G3-1752-1. Endosperm yellow. Cultivated. Seed.
- 455833. ETS 3815. CIMMYT. G3-1752-2. Endosperm yellow. Cultivated. Seed.
- 455834. ETS 3816. CIMMYT. G3-1753-1. Endosperm yellow. Cultivated. Seed.
- 455835. ETS 3816. CIMMYT. G3-1753-2. Endosperm yellow. Cultivated. Seed.
- 455836. ETS 3816. CIMMYT. G3-1753-3. Endosperm yellow. Cultivated. Seed.
- 455837. ETS 3816. CIMMYT. G3-1753-4. Endosperm yellow. Cultivated. Seed.
- 455838. ETS 3817. CIMMYT. G3-1754-1. Cultivated. Seed.
- 455839. ETS 3817. CIMMYT. G3-1754-2. Cultivated. Seed.
- 455840. ETS 3818. CIMMYT. G3-1755-1. Endosperm yellow. Cultivated. Seed.
- 455841. ETS 3818. CIMMYT. G3-1755-2. Endosperm yellow. Cultivated. Seed.
- 455842. ETS 3819. CIMMYT. G3-1756-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 455843. ETS 3819. CIMMYT. G3-1756-2. Seeds bronze. Cultivated. Seed.
- 455844. ETS 3819. CIMMYT. G3-1756-3. Seeds bronze. Cultivated. Seed.
- 455845. ETS 3820. CIMMYT. G3-1757-1. Cultivated. Seed.
- 455846. ETS 3820. CIMMYT. G3-1757-2. Cultivated. Seed.
- 455847. ETS 3821. CIMMYT. G3-1758-1. Endosperm yellow. Cultivated. Seed.
- 455848. ETS 3821. CIMMYT. G3-1758-2. Endosperm yellow. Cultivated. Seed.
- 455849. ETS 3822. CIMMYT. G3-1759-1. Seeds bronze. Cultivated. Seed.
- 455850. ETS 3822. CIMMYT. G3-1759-2. Seeds bronze. Cultivated. Seed.
- 455851. ETS 3823. CIMMYT. G3-1760-1. Endosperm yellow. Cultivated. Seed.
- 455852. ETS 3823. CIMMYT. G3-1760-2. Endosperm yellow. Cultivated. Seed.
- 455853. ETS 3823. CIMMYT. G3-1760-3. Endosperm yellow. Cultivated. Seed.
- 455854. ETS 3824. CIMMYT. G3-1761-1. Endosperm yellow. Cultivated. Seed.
- 455855. ETS 3824. CIMMYT. G3-1761-2. Endosperm yellow. Cultivated. Seed.
- 455856. ETS 3824. CIMMYT. G3-1761-3. Endosperm yellow. Cultivated. Seed.
- 455857. ETS 3825. CIMMYT. G3-1762-1. Seeds red. Cultivated. Seed.
- 455858. ETS 3825. CIMMYT. G3-1762-2. Seeds red. Cultivated. Seed.
- 455859. ETS 3825. CIMMYT. G3-1762-3. Seeds red. Cultivated. Seed.
- 455860. ETS 3827. CIMMYT. G3-1763-1. Seeds bronze. Cultivated. Seed.
- 455861. ETS 3827. CIMMYT. G3-1763-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 455862. ETS 3828. CIMMYT. G3-1764-1. Endosperm yellow. Cultivated. Seed.
- 455863. ETS 3828. CIMMYT. G3-1764-2. Endosperm yellow. Cultivated. Seed.
- 455864. ETS 3829. CIMMYT. G3-1765-1. Endosperm yellow. Cultivated. Seed.
- 455865. ETS 3829. CIMMYT. G3-1765-2. Endosperm yellow. Cultivated. Seed.
- 455866. ETS 3830. CIMMYT. G3-1766-1. Seeds bronze. Cultivated. Seed.
- 455867. ETS 3830. CIMMYT. G3-1766-2. Seeds bronze. Cultivated. Seed.
- 455868. ETS 3830. CIMMYT. G3-1766-3. Seeds bronze. Cultivated. Seed.
- 455869. ETS 3831. CIMMYT. G3-1767-1. Endosperm yellow. Cultivated. Seed.
- 455870. ETS 3831. CIMMYT. G3-1767-2. Endosperm yellow. Cultivated. Seed.
- 455871. ETS 3832. CIMMYT. G3-1768-1. Cultivated. Seed.
- 455872. ETS 3832. CIMMYT. G3-1768-2. Cultivated. Seed.
- 455873. ETS 3833. CIMMYT. G3-1769-1. Seeds white. Cultivated. Seed.
- 455874. ETS 3833. CIMMYT. G3-1769-2. Seeds white. Cultivated. Seed.
- 455875. ETS 3834. CIMMYT. G3-1770-1. Seeds white. Cultivated. Seed.
- 455876. ETS 3834. CIMMYT. G3-1770-2. Seeds white. Cultivated. Seed.
- 455877. ETS 3835-A. CIMMYT. G3-1771-1. Seeds red. Cultivated. Seed.
- 455878. ETS 3835-A. CIMMYT. G3-1771-2. Seeds red. Cultivated. Seed.
- 455879. ETS 3835-A. CIMMYT. G3-1771-3. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 455880. ETS 3835-B. CIMMYT. G3-1772-1. Seeds red. Cultivated. Seed.
- 455881. ETS 3835-B. CIMMYT. G3-1772-2. Seeds red. Cultivated. Seed.
- 455882. ETS 3835-B. CIMMYT. G3-1772-3. Seeds red. Cultivated. Seed.
- 455883. ETS 3836. CIMMYT. G3-1773. Endosperm yellow. Cultivated. Seed.
- 455884. ETS 3838. CIMMYT. G3-1775-1. Seeds bronze. Cultivated. Seed.
- 455885. ETS 3838. CIMMYT. G3-1775-2. Seeds bronze. Cultivated. Seed.
- 455886. ETS 3839. CIMMYT. G3-1776. Seeds red. Cultivated. Seed.
- 455887. ETS 3840. CIMMYT. G3-1777-1. Seeds bronze. Cultivated. Seed.
- 455888. ETS 3840. CIMMYT. G3-1777-2. Seeds bronze. Cultivated. Seed.
- 455889. ETS 3841. CIMMYT. G3-1778-1. Seeds red. Cultivated. Seed.
- 455890. ETS 3841. CIMMYT. G3-1778-2. Seeds red. Cultivated. Seed.
- 455891. ETS 3841. CIMMYT. G3-1778-3. Seeds red. Cultivated. Seed.
- 455892. ETS 3842. CIMMYT. G3-1779-1. Seeds red. Cultivated. Seed.
- 455893. ETS 3842. CIMMYT. G3-1779-2. Seeds red. Cultivated. Seed.
- 455894. ETS 3843. CIMMYT. G3-1780-1. Cultivated. Seed.
- 455895. ETS 3843. CIMMYT. G3-1780-2. Cultivated. Seed.
- 455896. ETS 3843. CIMMYT. G3-1780-3. Cultivated. Seed.
- 455897. ETS 3844. CIMMYT. G3-1781-1. Endosperm yellow. Cultivated. Seed.
- 455898. ETS 3844. CIMMYT. G3-1781-2. Endosperm yellow. Cultivated. Seed.
- 455899. ETS 3844. CIMMYT. G3-1781-3. Endosperm yellow. Cultivated. Seed.
- 455900. ETS 3845. CIMMYT. G3-1782-1. Endosperm yellow.

452502 TO 457915-continued

Cultivated. Seed.

455901. ETS 3845. CIMMYT. G3-1782-2. Endosperm yellow.
Cultivated. Seed.
455902. ETS 3845. CIMMYT. G3-1782-3. Endosperm yellow.
Cultivated. Seed.
455903. ETS 3846. CIMMYT. G3-1783-1. Seeds red. Cultivated. Seed.
455904. ETS 3846. CIMMYT. G3-1783-2. Seeds red. Cultivated. Seed.
455905. ETS 3847. CIMMYT. G3-1784-1. Endosperm yellow.
Cultivated. Seed.
455906. ETS 3847. CIMMYT. G3-1784-2. Endosperm yellow.
Cultivated. Seed.
455907. ETS 3848. CIMMYT. G3-1785-1. Seeds bronze. Cultivated.
Seed.
455908. ETS 3848. CIMMYT. G3-1785-2. Seeds bronze. Cultivated.
Seed.
455909. ETS 3848. CIMMYT. G3-1785-3. Seeds bronze. Cultivated.
Seed.
455910. ETS 3849. CIMMYT. G3-1786-1. Endosperm yellow.
Cultivated. Seed.
455911. ETS 3849. CIMMYT. G3-1786-2. Endosperm yellow.
Cultivated. Seed.
455912. ETS 3849. CIMMYT. G3-1786-3. Endosperm yellow.
Cultivated. Seed.
455913. ETS 3850. CIMMYT. G3-1787. Endosperm yellow. Cultivated.
Seed.
455914. ETS 3851. CIMMYT. G3-1788-1. Cultivated. Seed.
455915. ETS 3851. CIMMYT. G3-1788-2. Cultivated. Seed.
455916. ETS 3851. CIMMYT. G3-1788-3. Cultivated. Seed.
455917. ETS 3852. CIMMYT. G3-1789-1. Endosperm yellow.
Cultivated. Seed.
455918. ETS 3852. CIMMYT. G3-1789-2. Endosperm yellow.
Cultivated. Seed.
455919. ETS 3853. CIMMYT. G3-1790-1. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

455920. ETS 3853. CIMMYT. G3-1790-2. Seeds bronze. Cultivated. Seed.
455921. ETS 3853. CIMMYT. G3-1790-3. Seeds bronze. Cultivated. Seed.
455922. ETS 3854. CIMMYT. G3-1791-1. Endosperm yellow. Cultivated. Seed.
455923. ETS 3854. CIMMYT. G3-1791-2. Endosperm yellow. Cultivated. Seed.
455924. ETS 3855. CIMMYT. G3-1792-1. Endosperm yellow. Cultivated. Seed.
455925. ETS 3855. CIMMYT. G3-1792-2. Endosperm yellow. Cultivated. Seed.
455926. ETS 3856. CIMMYT. G3-1793-1. Seeds white. Cultivated. Seed.
455927. ETS 3856. CIMMYT. G3-1793-2. Seeds white. Cultivated. Seed.
455928. ETS 3856. CIMMYT. G3-1793-3. Seeds white. Cultivated. Seed.
455929. ETS 3857. CIMMYT. G3-1794-1. Seeds white. Cultivated. Seed.
455930. ETS 3857. CIMMYT. G3-1794-2. Seeds white. Cultivated. Seed.
455931. ETS 3858. CIMMYT. G3-1795-1. Seeds white. Cultivated. Seed.
455932. ETS 3858. CIMMYT. G3-1795-2. Seeds white. Cultivated. Seed.
455933. ETS 3859. CIMMYT. G3-1796. Seeds bronze. Cultivated. Seed.
455934. ETS 3860. CIMMYT. G3-1797-1. Seeds bronze. Cultivated. Seed.
455935. ETS 3860. CIMMYT. G3-1797-2. Seeds bronze. Cultivated. Seed.
455936. ETS 3861. CIMMYT. G3-1798-1. Endosperm yellow. Cultivated. Seed.
455937. ETS 3861. CIMMYT. G3-1798-2. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
455938. ETS 3861. CIMMYT. G3-1798-3. Endosperm yellow.
Cultivated. Seed.
455939. ETS 3862. CIMMYT. G3-1799-1. Endosperm yellow.
Cultivated. Seed.
455940. ETS 3862. CIMMYT. G3-1799-2. Endosperm yellow.
Cultivated. Seed.
455941. ETS 3862. CIMMYT. G3-1799-3. Endosperm yellow.
Cultivated. Seed.
455942. ETS 3863. CIMMYT. G3-1800-1. Seeds bronze. Cultivated.
Seed.
455943. ETS 3863. CIMMYT. G3-1800-2. Seeds bronze. Cultivated.
Seed.
455944. ETS 3863. CIMMYT. G3-1800-3. Seeds bronze. Cultivated.
Seed.
455945. ETS 3864. CIMMYT. G3-1801-1. Seeds bronze. Cultivated.
Seed.
455946. ETS 3864. CIMMYT. G3-1801-2. Seeds bronze. Cultivated.
Seed.
455947. ETS 3865. CIMMYT. G3-1802-1. Seeds bronze. Cultivated.
Seed.
455948. ETS 3865. CIMMYT. G3-1802-2. Seeds bronze. Cultivated.
Seed.
455949. ETS 3866. CIMMYT. G3-1803-1. Endosperm yellow.
Cultivated. Seed.
455950. ETS 3866. CIMMYT. G3-1803-2. Endosperm yellow.
Cultivated. Seed.
455951. ETS 3866. CIMMYT. G3-1803-3. Endosperm yellow.
Cultivated. Seed.
455952. ETS 3867. CIMMYT. G3-1804-1. Endosperm yellow.
Cultivated. Seed.
455953. ETS 3867. CIMMYT. G3-1804-2. Endosperm yellow.
Cultivated. Seed.
455954. ETS 3867. CIMMYT. G3-1804-3. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 455955. ETS 3868. CIMMYT. G3-1805. Seeds bronze. Cultivated.
Seed.
- 455956. ETS 3869. CIMMYT. G3-1806-1. Seeds bronze. Cultivated.
Seed.
- 455957. ETS 3869. CIMMYT. G3-1806-2. Seeds bronze. Cultivated.
Seed.
- 455958. ETS 3870. CIMMYT. G3-1807-1. Seeds bronze. Cultivated.
Seed.
- 455959. ETS 3870. CIMMYT. G3-1807-2. Seeds bronze. Cultivated.
Seed.
- 455960. ETS 3871. CIMMYT. G3-1808-1. Seeds white. Cultivated.
Seed.
- 455961. ETS 3871. CIMMYT. G3-1808-2. Seeds white. Cultivated.
Seed.
- 455962. ETS 3872. CIMMYT. G3-1809-1. Seeds bronze. Cultivated.
Seed.
- 455963. ETS 3872. CIMMYT. G3-1809-2. Seeds bronze. Cultivated.
Seed.
- 455964. ETS 3873. CIMMYT. G3-1810-1. Seeds white. Cultivated.
Seed.
- 455965. ETS 3873. CIMMYT. G3-1810-2. Seeds white. Cultivated.
Seed.
- 455966. ETS 3874. CIMMYT. G3-1811-1. Seeds white. Cultivated.
Seed.
- 455967. ETS 3874. CIMMYT. G3-1811-2. Seeds white. Cultivated.
Seed.
- 455968. ETS 3874. CIMMYT. G3-1811-3. Seeds white. Cultivated.
Seed.
- 455969. ETS 3875. CIMMYT. G3-1812-1. Seeds white. Cultivated.
Seed.
- 455970. ETS 3875. CIMMYT. G3-1812-2. Seeds white. Cultivated.
Seed.
- 455971. ETS 3875. CIMMYT. G3-1812-3. Seeds white. Cultivated.
Seed.
- 455972. ETS 3876. CIMMYT. G3-1813-1. Seeds white. Cultivated.

452502 TO 457915-continued

- Seed.
455973. ETS 3876. CIMMYT. G3-1813-2. Seeds white. Cultivated. Seed.
455974. ETS 3877. CIMMYT. G3-1814-1. Seeds white. Cultivated. Seed.
455975. ETS 3877. CIMMYT. G3-1814-2. Seeds white. Cultivated. Seed.
455976. ETS 3878. CIMMYT. G3-1815. Seeds white. Cultivated. Seed.
455977. ETS 3879. CIMMYT. G3-1816-1. Seeds white. Cultivated. Seed.
455978. ETS 3879. CIMMYT. G3-1816-2. Seeds white. Cultivated. Seed.
455979. ETS 3880. CIMMYT. G3-1817-1. Seeds bronze. Cultivated. Seed.
455980. ETS 3880. CIMMYT. G3-1817-2. Seeds bronze. Cultivated. Seed.
455981. ETS 3881. CIMMYT. G3-1818-1. Seeds bronze. Cultivated. Seed.
455982. ETS 3881. CIMMYT. G3-1818-2. Seeds bronze. Cultivated. Seed.
455983. ETS 3881. CIMMYT. G3-1818-3. Seeds bronze. Cultivated. Seed.
455984. ETS 3882. CIMMYT. G3-1819-1. Seeds bronze. Cultivated. Seed.
455985. ETS 3882. CIMMYT. G3-1819-2. Seeds bronze. Cultivated. Seed.
455986. ETS 3882. CIMMYT. G3-1819-3. Seeds bronze. Cultivated. Seed.
455987. ETS 3883. CIMMYT. G3-1820-1. Seeds white. Cultivated. Seed.
455988. ETS 3883. CIMMYT. G3-1820-2. Seeds white. Cultivated. Seed.
455989. ETS 3884. CIMMYT. G3-1821-1. Seeds bronze. Cultivated. Seed.
455990. ETS 3884. CIMMYT. G3-1821-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 455991. ETS 3885. CIMMYT. G3-1822-1. Endosperm yellow. Cultivated. Seed.
- 455992. ETS 3885. CIMMYT. G3-1822-2. Endosperm yellow. Cultivated. Seed.
- 455993. ETS 3886. CIMMYT. G3-1823-1. Seeds white. Cultivated. Seed.
- 455994. ETS 3886. CIMMYT. G3-1823-2. Seeds white. Cultivated. Seed.
- 455995. ETS 3886. CIMMYT. G3-1823-3. Seeds white. Cultivated. Seed.
- 455996. ETS 3887. CIMMYT. G3-1824-1. Seeds white. Cultivated. Seed.
- 455997. ETS 3887. CIMMYT. G3-1824-2. Seeds white. Cultivated. Seed.
- 455998. ETS 3887. CIMMYT. G3-1824-3. Seeds white. Cultivated. Seed.
- 455999. ETS 3888. CIMMYT. G3-1825-1. Seeds gray. Cultivated. Seed.
- 456000. ETS 3888. CIMMYT. G3-1825-2. Seeds gray. Cultivated. Seed.
- 456001. ETS 3889. CIMMYT. G3-1826. Seeds gray. Cultivated. Seed.
- 456002. ETS 3890. CIMMYT. G3-1827-1. Seeds bronze. Cultivated. Seed.
- 456003. ETS 3890. CIMMYT. G3-1827-2. Seeds bronze. Cultivated. Seed.
- 456004. ETS 3890. CIMMYT. G3-1827-3. Seeds bronze. Cultivated. Seed.
- 456005. ETS 3891. CIMMYT. G3-1828-1. Seeds bronze. Cultivated. Seed.
- 456006. ETS 3891. CIMMYT. G3-1828-2. Seeds bronze. Cultivated. Seed.
- 456007. ETS 3891. CIMMYT. G3-1828-3. Seeds bronze. Cultivated. Seed.
- 456008. ETS 3892. CIMMYT. G3-1829-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
456009. ETS 3892. CIMMYT. G3-1829-2. Endosperm yellow.
Cultivated. Seed.
456010. ETS 3893. CIMMYT. G3-1830-1. Seeds bronze. Cultivated.
Seed.
456011. ETS 3893. CIMMYT. G3-1830-2. Seeds bronze. Cultivated.
Seed.
456012. ETS 3895. CIMMYT. G3-1831-1. Seeds red. Cultivated. Seed.
456013. ETS 3895. CIMMYT. G3-1831-2. Seeds red. Cultivated. Seed.
456014. ETS 3896. CIMMYT. G3-1832-1. Seeds red. Cultivated. Seed.
456015. ETS 3896. CIMMYT. G3-1832-2. Seeds red. Cultivated. Seed.
456016. ETS 3897. CIMMYT. G3-1833-1. Endosperm yellow.
Cultivated. Seed.
456017. ETS 3897. CIMMYT. G3-1833-2. Endosperm yellow.
Cultivated. Seed.
456018. ETS 3897. CIMMYT. G3-1833-3. Endosperm yellow.
Cultivated. Seed.
456019. ETS 3898. CIMMYT. G3-1834-1. Seeds white. Cultivated.
Seed.
456020. ETS 3898. CIMMYT. G3-1834-2. Seeds white. Cultivated.
Seed.
456021. ETS 3899. CIMMYT. G3-1835-1. Endosperm yellow.
Cultivated. Seed.
456022. ETS 3899. CIMMYT. G3-1835-2. Endosperm yellow.
Cultivated. Seed.
456023. ETS 3900. CIMMYT. G3-1836-1. Seeds white. Cultivated.
Seed.
456024. ETS 3900. CIMMYT. G3-1836-2. Seeds white. Cultivated.
Seed.
456025. ETS 3901. CIMMYT. G3-1837-1. Endosperm yellow.
Cultivated. Seed.
456026. ETS 3901. CIMMYT. G3-1837-2. Endosperm yellow.
Cultivated. Seed.
456027. ETS 3902. CIMMYT. G3-1838-1. Seeds white. Cultivated.

452502 TO 457915-continued

Seed.

- 456028. ETS 3902. CIMMYT. G3-1838-2. Seeds white. Cultivated. Seed.
- 456029. ETS 3903. CIMMYT. G3-1839-1. Seeds white. Cultivated. Seed.
- 456030. ETS 3903. CIMMYT. G3-1839-2. Seeds white. Cultivated. Seed.
- 456031. ETS 3904. CIMMYT. G3-1840-1. Seeds white. Cultivated. Seed.
- 456032. ETS 3904. CIMMYT. G3-1840-2. Seeds white. Cultivated. Seed.
- 456033. ETS 3904. CIMMYT. G3-1840-3. Seeds white. Cultivated. Seed.
- 456034. ETS 3905. CIMMYT. G3-1841-1. Seeds white. Cultivated. Seed.
- 456035. ETS 3905. CIMMYT. G3-1841-2. Seeds white. Cultivated. Seed.
- 456036. ETS 3906. CIMMYT. G3-1842-1. Seeds white. Cultivated. Seed.
- 456037. ETS 3906. CIMMYT. G3-1842-2. Seeds white. Cultivated. Seed.
- 456038. ETS 3908. CIMMYT. G3-1843-1. Seeds white. Cultivated. Seed.
- 456039. ETS 3908. CIMMYT. G3-1843-2. Seeds white. Cultivated. Seed.
- 456040. ETS 3909. CIMMYT. G3-1844-1. Seeds red. Cultivated. Seed.
- 456041. ETS 3909. CIMMYT. G3-1844-2. Seeds red. Cultivated. Seed.
- 456042. ETS 3910. CIMMYT. G3-1845-1. Seeds white. Cultivated. Seed.
- 456043. ETS 3910. CIMMYT. G3-1845-2. Seeds white. Cultivated. Seed.
- 456044. ETS 3910. CIMMYT. G3-1845-3. Seeds white. Cultivated. Seed.
- 456045. ETS 3911. CIMMYT. G3-1846-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 456046. ETS 3911. CIMMYT. G3-1846-2. Seeds red. Cultivated. Seed.
- 456047. ETS 3912. CIMMYT. G3-1847-1. Seeds red. Cultivated. Seed.
- 456048. ETS 3912. CIMMYT. G3-1847-2. Seeds red. Cultivated. Seed.
- 456049. ETS 3913. CIMMYT. G3-1848-1. Seeds red. Cultivated. Seed.
- 456050. ETS 3913. CIMMYT. G3-1848-2. Seeds red. Cultivated. Seed.
- 456051. ETS 3913. CIMMYT. G3-1848-3. Seeds red. Cultivated. Seed.
- 456052. ETS 3914. CIMMYT. G3-1849-1. Seeds red. Cultivated. Seed.
- 456053. ETS 3914. CIMMYT. G3-1849-2. Seeds red. Cultivated. Seed.
- 456054. ETS 3915. CIMMYT. G3-1850. Seeds bronze. Cultivated.
Seed.
- 456055. ETS 3916. CIMMYT. G3-1851-1. Seeds bronze. Cultivated.
Seed.
- 456056. ETS 3916. CIMMYT. G3-1851-2. Seeds bronze. Cultivated.
Seed.
- 456057. ETS 3917. CIMMYT. G3-1852-1. Seeds bronze. Cultivated.
Seed.
- 456058. ETS 3917. CIMMYT. G3-1852-2. Seeds bronze. Cultivated.
Seed.
- 456059. ETS 3917. CIMMYT. G3-1852-3. Seeds bronze. Cultivated.
Seed.
- 456060. ETS 3917. CIMMYT. G3-1852-4. Seeds bronze. Cultivated.
Seed.
- 456061. ETS 3918. CIMMYT. G3-1853-1. Seeds bronze. Cultivated.
Seed.
- 456062. ETS 3918. CIMMYT. G3-1853-2. Seeds bronze. Cultivated.
Seed.
- 456063. ETS 3919. CIMMYT. G3-1854-1. Seeds bronze. Cultivated.
Seed.
- 456064. ETS 3919. CIMMYT. G3-1854-2. Seeds bronze. Cultivated.
Seed.
- 456065. ETS 3920. CIMMYT. G3-1855-1. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

- 456066. ETS 3920. CIMMYT. G3-1855-2. Seeds bronze. Cultivated. Seed.
- 456067. ETS 3921. CIMMYT. G3-1856-1. Seeds bronze. Cultivated. Seed.
- 456068. ETS 3921. CIMMYT. G3-1856-2. Seeds bronze. Cultivated. Seed.
- 456069. ETS 3922. CIMMYT. G3-1857-1. Seeds bronze. Cultivated. Seed.
- 456070. ETS 3922. CIMMYT. G3-1857-2. Seeds bronze. Cultivated. Seed.
- 456071. ETS 3922. CIMMYT. G3-1857-3. Seeds bronze. Cultivated. Seed.
- 456072. ETS 3923. CIMMYT. G3-1858-1. Seeds bronze. Cultivated. Seed.
- 456073. ETS 3923. CIMMYT. G3-1858-2. Seeds bronze. Cultivated. Seed.
- 456074. ETS 3924. CIMMYT. G3-1859-1. Seeds bronze. Cultivated. Seed.
- 456075. ETS 3924. CIMMYT. G3-1859-2. Seeds bronze. Cultivated. Seed.
- 456076. ETS 3925. CIMMYT. G3-1860-1. Endosperm yellow. Cultivated. Seed.
- 456077. ETS 3925. CIMMYT. G3-1860-2. Endosperm yellow. Cultivated. Seed.
- 456078. ETS 3926. CIMMYT. G3-1861-1. Seeds bronze. Cultivated. Seed.
- 456079. ETS 3926. CIMMYT. G3-1861-2. Seeds bronze. Cultivated. Seed.
- 456080. ETS 3927. CIMMYT. G3-1862-1. Seeds bronze. Cultivated. Seed.
- 456081. ETS 3927. CIMMYT. G3-1862-2. Seeds bronze. Cultivated. Seed.
- 456082. ETS 3928. CIMMYT. G3-1863-1. Seeds bronze. Cultivated. Seed.
- 456083. ETS 3928. CIMMYT. G3-1863-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

456084. ETS 3929. CIMMYT. G3-1864-1. Seeds bronze. Cultivated.
Seed.
456085. ETS 3929. CIMMYT. G3-1864-2. Seeds bronze. Cultivated.
Seed.
456086. ETS 3930. CIMMYT. G3-1865. Seeds bronze. Cultivated.
Seed.
456087. ETS 3931. CIMMYT. G3-1866-1. Seeds bronze. Cultivated.
Seed.
456088. ETS 3931. CIMMYT. G3-1866-2. Seeds bronze. Cultivated.
Seed.
456089. ETS 3932. CIMMYT. G3-1867-1. Seeds white. Cultivated.
Seed.
456090. ETS 3932. CIMMYT. G3-1867-2. Seeds white. Cultivated.
Seed.
456091. ETS 3934. CIMMYT. G3-1869-1. Seeds white. Cultivated.
Seed.
456092. ETS 3934. CIMMYT. G3-1869-2. Seeds white. Cultivated.
Seed.
456093. ETS 3934. CIMMYT. G3-1869-3. Seeds white. Cultivated.
Seed.
456094. ETS 3935. CIMMYT. G3-1870-1. Seeds white. Cultivated.
Seed.
456095. ETS 3935. CIMMYT. G3-1870-2. Seeds white. Cultivated.
Seed.
456096. ETS 3936. CIMMYT. G3-1871-1. Endosperm yellow.
Cultivated. Seed.
456097. ETS 3936. CIMMYT. G3-1871-2. Endosperm yellow.
Cultivated. Seed.
456098. ETS 3936. CIMMYT. G3-1871-3. Endosperm yellow.
Cultivated. Seed.
456099. ETS 3937. CIMMYT. G3-1872-1. Seeds white. Cultivated.
Seed.
456100. ETS 3937. CIMMYT. G3-1872-2. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 456101. ETS 3938. CIMMYT. G3-1873-1. Endosperm yellow.
Cultivated. Seed.
- 456102. ETS 3938. CIMMYT. G3-1873-2. Endosperm yellow.
Cultivated. Seed.
- 456103. ETS 3939. CIMMYT. G3-1874-1. Endosperm yellow.
Cultivated. Seed.
- 456104. ETS 3939. CIMMYT. G3-1874-2. Endosperm yellow.
Cultivated. Seed.
- 456105. ETS 3940. CIMMYT. G3-1875-1. Endosperm yellow.
Cultivated. Seed.
- 456106. ETS 3940. CIMMYT. G3-1875-2. Endosperm yellow.
Cultivated. Seed.
- 456107. ETS 3941. CIMMYT. G3-1876-1. Seeds bronze. Cultivated.
Seed.
- 456108. ETS 3941. CIMMYT. G3-1876-2. Seeds bronze. Cultivated.
Seed.
- 456109. ETS 3942. CIMMYT. G3-1877-1. Endosperm yellow.
Cultivated. Seed.
- 456110. ETS 3942. CIMMYT. G3-1877-2. Endosperm yellow.
Cultivated. Seed.
- 456111. ETS 3943. CIMMYT. G3-1878. Seeds bronze. Cultivated.
Seed.
- 456112. ETS 3944. CIMMYT. G3-1879-1. Seeds white. Cultivated.
Seed.
- 456113. ETS 3944. CIMMYT. G3-1879-2. Seeds white. Cultivated.
Seed.
- 456114. ETS 3945. CIMMYT. G3-1880-1. Endosperm yellow.
Cultivated. Seed.
- 456115. ETS 3945. CIMMYT. G3-1880-2. Endosperm yellow.
Cultivated. Seed.
- 456116. ETS 3946. CIMMYT. G3-1881. Seeds bronze. Cultivated.
Seed.
- 456117. ETS 3948. CIMMYT. G3-1882-1. Endosperm yellow.
Cultivated. Seed.
- 456118. ETS 3948. CIMMYT. G3-1882-2. Endosperm yellow.

452502 TO 457915-continued
Cultivated. Seed.

- 456119. ETS 3948. CIMMYT. G3-1882-3. Endosperm yellow. Cultivated. Seed.
- 456120. ETS 3949. CIMMYT. G3-1883-1. Seeds bronze. Cultivated. Seed.
- 456121. ETS 3949. CIMMYT. G3-1883-2. Seeds bronze. Cultivated. Seed.
- 456122. ETS 3949. CIMMYT. G3-1883-3. Seeds bronze. Cultivated. Seed.
- 456123. ETS 3950. CIMMYT. G3-1884-1. Seeds bronze. Cultivated. Seed.
- 456124. ETS 3950. CIMMYT. G3-1884-2. Seeds bronze. Cultivated. Seed.
- 456125. ETS 3951. CIMMYT. G3-1885-1. Seeds white. Cultivated. Seed.
- 456126. ETS 3951. CIMMYT. G3-1885-2. Seeds white. Cultivated. Seed.
- 456127. ETS 3951. CIMMYT. G3-1885-3. Seeds white. Cultivated. Seed.
- 456128. ETS 3952. CIMMYT. G3-1886-1. Cultivated. Seed.
- 456129. ETS 3952. CIMMYT. G3-1886-2. Cultivated. Seed.
- 456130. ETS 3953. CIMMYT. G3-1887-1. Seeds white. Cultivated. Seed.
- 456131. ETS 3953. CIMMYT. G3-1887-2. Seeds white. Cultivated. Seed.
- 456132. ETS 3953. CIMMYT. G3-1887-3. Seeds white. Cultivated. Seed.
- 456133. ETS 3955. CIMMYT. G3-1888-1. Seeds white. Cultivated. Seed.
- 456134. ETS 3955. CIMMYT. G3-1888-2. Seeds white. Cultivated. Seed.
- 456135. ETS 3956. CIMMYT. G3-1889. Endosperm yellow. Cultivated. Seed.
- 456136. ETS 3957. CIMMYT. G3-1890-1. Cultivated. Seed.

452502 TO 457915-continued

456137. ETS 3957. CIMMYT. G3-1890-2. Cultivated. Seed.
456138. ETS 3959. CIMMYT. G3-1891-1. Seeds white. Cultivated. Seed.
456139. ETS 3959. CIMMYT. G3-1891-2. Seeds white. Cultivated. Seed.
456140. ETS 3959. CIMMYT. G3-1891-3. Seeds white. Cultivated. Seed.
456141. ETS 3961. CIMMYT. G3-1892-1. Cultivated. Seed.
456142. ETS 3961. CIMMYT. G3-1892-2. Cultivated. Seed.
456143. ETS 3962. CIMMYT. G3-1893-1. Seeds white. Cultivated. Seed.
456144. ETS 3962. CIMMYT. G3-1893-2. Seeds white. Cultivated. Seed.
456145. ETS 3962. CIMMYT. G3-1893-3. Seeds white. Cultivated. Seed.
456146. ETS 3963. CIMMYT. G3-1894-1. Seeds white. Cultivated. Seed.
456147. ETS 3963. CIMMYT. G3-1894-2. Seeds white. Cultivated. Seed.
456148. ETS 3964. CIMMYT. G3-1895-1. Seeds red. Cultivated. Seed.
456149. ETS 3964. CIMMYT. G3-1895-2. Seeds red. Cultivated. Seed.
456150. ETS 3965. CIMMYT. G3-1896-1. Seeds red. Cultivated. Seed.
456151. ETS 3965. CIMMYT. G3-1896-2. Seeds red. Cultivated. Seed.
456152. ETS 3966. CIMMYT. G3-1897-1. Endosperm yellow. Cultivated. Seed.
456153. ETS 3966. CIMMYT. G3-1897-2. Endosperm yellow. Cultivated. Seed.
456154. ETS 3967. CIMMYT. G3-1898-1. Endosperm yellow. Cultivated. Seed.
456155. ETS 3967. CIMMYT. G3-1898-2. Endosperm yellow. Cultivated. Seed.
456156. ETS 3968. CIMMYT. G3-1899-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456157. ETS 3968. CIMMYT. G3-1899-2. Endosperm yellow.
Cultivated. Seed.
456158. ETS 3969. CIMMYT. G3-1900-1. Endosperm yellow.
Cultivated. Seed.
456159. ETS 3969. CIMMYT. G3-1900-2. Endosperm yellow.
Cultivated. Seed.
456160. ETS 3970. CIMMYT. G3-1901-1. Seeds red. Cultivated. Seed.
456161. ETS 3970. CIMMYT. G3-1901-2. Seeds red. Cultivated. Seed.
456162. ETS 3971. CIMMYT. G3-1902-1. Seeds red. Cultivated. Seed.
456163. ETS 3971. CIMMYT. G3-1902-2. Seeds red. Cultivated. Seed.
456164. ETS 3972. CIMMYT. G3-1903-1. Seeds white. Cultivated.
Seed.
456165. ETS 3972. CIMMYT. G3-1903-2. Seeds white. Cultivated.
Seed.
456166. ETS 3973. CIMMYT. G3-1904-1. Endosperm yellow.
Cultivated. Seed.
456167. ETS 3973. CIMMYT. G3-1904-2. Endosperm yellow.
Cultivated. Seed.
456168. ETS 3973. CIMMYT. G3-1904-3. Endosperm yellow.
Cultivated. Seed.
456169. ETS 3974. CIMMYT. G3-1905-1. Endosperm yellow.
Cultivated. Seed.
456170. ETS 3974. CIMMYT. G3-1905-2. Endosperm yellow.
Cultivated. Seed.
456171. ETS 3975. CIMMYT. G3-1906-1. Endosperm yellow.
Cultivated. Seed.
456172. ETS 3975. CIMMYT. G3-1906-2. Endosperm yellow.
Cultivated. Seed.
456173. ETS 3976. CIMMYT. G3-1907-1. Seeds white. Cultivated.
Seed.
456174. ETS 3976. CIMMYT. G3-1907-2. Seeds white. Cultivated.
Seed.
456175. ETS 3977. CIMMYT. G3-1908-1. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 456176. ETS 3977. CIMMYT. G3-1908-2. Seeds white. Cultivated. Seed.
- 456177. ETS 3978. CIMMYT. G3-1909. Seeds bronze. Cultivated. Seed.
- 456178. ETS 3979. CIMMYT. G3-1910-1. Seeds bronze. Cultivated. Seed.
- 456179. ETS 3979. CIMMYT. G3-1910-2. Seeds bronze. Cultivated. Seed.
- 456180. ETS 3980. CIMMYT. G3-1911-1. Endosperm yellow. Cultivated. Seed.
- 456181. ETS 3980. CIMMYT. G3-1911-2. Endosperm yellow. Cultivated. Seed.
- 456182. ETS 3982. CIMMYT. G3-1913-1. Seeds bronze. Cultivated. Seed.
- 456183. ETS 3982. CIMMYT. G3-1913-2. Seeds bronze. Cultivated. Seed.
- 456184. ETS 3984. CIMMYT. G3-1914-1. Seeds bronze. Cultivated. Seed.
- 456185. ETS 3984. CIMMYT. G3-1914-2. Seeds bronze. Cultivated. Seed.
- 456186. ETS 3985. CIMMYT. G3-1915-1. Seeds bronze. Cultivated. Seed.
- 456187. ETS 3985. CIMMYT. G3-1915-2. Seeds bronze. Cultivated. Seed.
- 456188. ETS 3986. CIMMYT. G3-1916-1. Seeds bronze. Cultivated. Seed.
- 456189. ETS 3986. CIMMYT. G3-1916-2. Seeds bronze. Cultivated. Seed.
- 456190. ETS 3986. CIMMYT. G3-1916-3. Seeds bronze. Cultivated. Seed.
- 456191. ETS 3987. CIMMYT. G3-1917-1. Endosperm yellow. Cultivated. Seed.
- 456192. ETS 3987. CIMMYT. G3-1917-2. Endosperm yellow. Cultivated. Seed.
- 456193. ETS 3987. CIMMYT. G3-1917-3. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
456194. ETS 3987. CIMMYT. G3-1917-4. Endosperm yellow.
Cultivated. Seed.
456195. ETS 3988. CIMMYT. G3-1918-1. Seeds bronze. Cultivated.
Seed.
456196. ETS 3988. CIMMYT. G3-1918-2. Seeds bronze. Cultivated.
Seed.
456197. ETS 3989. CIMMYT. G3-1919-1. Endosperm yellow.
Cultivated. Seed.
456198. ETS 3989. CIMMYT. G3-1919-2. Endosperm yellow.
Cultivated. Seed.
456199. ETS 3990. CIMMYT. G3-1920-1. Seeds bronze. Cultivated.
Seed.
456200. ETS 3990. CIMMYT. G3-1920-2. Seeds bronze. Cultivated.
Seed.
456201. ETS 3993. CIMMYT. G3-1922. Endosperm yellow. Cultivated.
Seed.
456202. ETS 3994. CIMMYT. G3-1923-1. Seeds bronze. Cultivated.
Seed.
456203. ETS 3994. CIMMYT. G3-1923-2. Seeds bronze. Cultivated.
Seed.
456204. ETS 3994. CIMMYT. G3-1923-3. Seeds bronze. Cultivated.
Seed.
456205. ETS 3995. CIMMYT. G3-1924-1. Endosperm yellow.
Cultivated. Seed.
456206. ETS 3995. CIMMYT. G3-1924-2. Endosperm yellow.
Cultivated. Seed.
456207. ETS 3996. CIMMYT. G3-1925-1. Seeds bronze. Cultivated.
Seed.
456208. ETS 3996. CIMMYT. G3-1925-2. Seeds bronze. Cultivated.
Seed.
456209. ETS 3998. CIMMYT. G3-1926-1. Endosperm yellow.
Cultivated. Seed.
456210. ETS 3998. CIMMYT. G3-1926-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

456211. ETS 4000. CIMMYT. G3-1928-1. Endosperm yellow.
Cultivated. Seed.
456212. ETS 4000. CIMMYT. G3-1928-2. Endosperm yellow.
Cultivated. Seed.
456213. ETS 4001. CIMMYT. G3-1929-1. Seeds bronze. Cultivated.
Seed.
456214. ETS 4001. CIMMYT. G3-1929-2. Seeds bronze. Cultivated.
Seed.
456215. ETS 4002. CIMMYT. G3-1930-1. Seeds bronze. Cultivated.
Seed.
456216. ETS 4002. CIMMYT. G3-1930-2. Seeds bronze. Cultivated.
Seed.
456217. ETS 4003. CIMMYT. G3-1931-1. Endosperm yellow.
Cultivated. Seed.
456218. ETS 4003. CIMMYT. G3-1931-2. Endosperm yellow.
Cultivated. Seed.
456219. ETS 4003. CIMMYT. G3-1931-3. Endosperm yellow.
Cultivated. Seed.
456220. ETS 4004. CIMMYT. G3-1932-1. Seeds bronze. Cultivated.
Seed.
456221. ETS 4004. CIMMYT. G3-1932-2. Seeds bronze. Cultivated.
Seed.
456222. ETS 4004. CIMMYT. G3-1932-3. Seeds bronze. Cultivated.
Seed.
456223. ETS 4004. CIMMYT. G3-1932-4. Seeds bronze. Cultivated.
Seed.
456224. ETS 4005. CIMMYT. G3-1933-1. Seeds bronze. Cultivated.
Seed.
456225. ETS 4005. CIMMYT. G3-1933-2. Seeds bronze. Cultivated.
Seed.
456226. ETS 4006. CIMMYT. G3-1934-1. Seeds bronze. Cultivated.
Seed.
456227. ETS 4006. CIMMYT. G3-1934-2. Seeds bronze. Cultivated.
Seed.
456228. ETS 4007. CIMMYT. G3-1935. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

456229. ETS 40 11. CIMMYT. G3-1938-1. Seeds red. Cultivated. Seed.
456230. ETS 40 11. CIMMYT. G3-1938-2. Seeds red. Cultivated. Seed.
456231. ETS 40 13. CIMMYT. G3-1939-1. Endosperm yellow.
Cultivated. Seed.
456232. ETS 40 13. CIMMYT. G3-1939-2. Endosperm yellow.
Cultivated. Seed.
456233. ETS 40 13. CIMMYT. G3-1939-3. Endosperm yellow.
Cultivated. Seed.
456234. ETS 40 14. CIMMYT. G3-1940. Seeds red. Cultivated. Seed.
456235. ETS 40 15. CIMMYT. G3-1941-1. Seeds red. Cultivated. Seed.
456236. ETS 40 15. CIMMYT. G3-1941-2. Seeds red. Cultivated. Seed.
456237. ETS 40 16. CIMMYT. G3-1942-1. Seeds red. Cultivated. Seed.
456238. ETS 40 16. CIMMYT. G3-1942-2. Seeds red. Cultivated. Seed.
456239. ETS 40 17. CIMMYT. G3-1943-1. Seeds red. Cultivated. Seed.
456240. ETS 40 17. CIMMYT. G3-1943-2. Seeds red. Cultivated. Seed.
456241. ETS 40 18. CIMMYT. G3-1944-1. Seeds bronze. Cultivated.
Seed.
456242. ETS 40 18. CIMMYT. G3-1944-2. Seeds bronze. Cultivated.
Seed.
456243. ETS 40 18. CIMMYT. G3-1944-3. Seeds bronze. Cultivated.
Seed.
456244. ETS 40 20. CIMMYT. G3-1946-1. Seeds white. Cultivated.
Seed.
456245. ETS 40 20. CIMMYT. G3-1946-2. Seeds white. Cultivated.
Seed.
456246. ETS 40 21. CIMMYT. G3-1947-1. Seeds bronze. Cultivated.
Seed.
456247. ETS 40 21. CIMMYT. G3-1947-2. Seeds bronze. Cultivated.
Seed.
456248. ETS 40 22. CIMMYT. G3-1948-1. Seeds red. Cultivated. Seed.
456249. ETS 40 22. CIMMYT. G3-1948-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

456250. ETS 4023. CIMMYT. G3-1949-1. Seeds white. Cultivated. Seed.
456251. ETS 4023. CIMMYT. G3-1949-2. Seeds white. Cultivated. Seed.
456252. ETS 4024. CIMMYT. G3-1950-1. Seeds white. Cultivated. Seed.
456253. ETS 4024. CIMMYT. G3-1950-2. Seeds white. Cultivated. Seed.
456254. ETS 4024. CIMMYT. G3-1950-3. Seeds white. Cultivated. Seed.
456255. ETS 4026. CIMMYT. G3-1952-1. Seeds bronze. Cultivated. Seed.
456256. ETS 4026. CIMMYT. G3-1952-2. Seeds bronze. Cultivated. Seed.
456257. ETS 4027. CIMMYT. G3-1953-1. Seeds white. Cultivated. Seed.
456258. ETS 4027. CIMMYT. G3-1953-2. Seeds white. Cultivated. Seed.
456259. ETS 4028. CIMMYT. G3-1954-1. Seeds white. Cultivated. Seed.
456260. ETS 4028. CIMMYT. G3-1954-2. Seeds white. Cultivated. Seed.
456261. ETS 4028. CIMMYT. G3-1954-3. Seeds white. Cultivated. Seed.
456262. ETS 4029. CIMMYT. G3-1955-1. Seeds bronze. Cultivated. Seed.
456263. ETS 4029. CIMMYT. G3-1955-2. Seeds bronze. Cultivated. Seed.
456264. ETS 4029. CIMMYT. G3-1955-3. Seeds bronze. Cultivated. Seed.
456265. ETS 4030. CIMMYT. G3-1956-1. Endosperm yellow. Cultivated. Seed.
456266. ETS 4030. CIMMYT. G3-1956-2. Endosperm yellow. Cultivated. Seed.
456267. ETS 4031. CIMMYT. G3-1957-1. Cultivated. Seed.

452502 TO 457915-continued

456268. ETS 4031. CIMMYT. G3-1957-2. Cultivated. Seed.
456269. ETS 4032. CIMMYT. G3-1958-1. Seeds red. Cultivated. Seed.
456270. ETS 4032. CIMMYT. G3-1958-2. Seeds red. Cultivated. Seed.
456271. ETS 4032. CIMMYT. G3-1958-3. Seeds red. Cultivated. Seed.
456272. ETS 4033. CIMMYT. G3-1959-1. Cultivated. Seed.
456273. ETS 4033. CIMMYT. G3-1959-2. Cultivated. Seed.
456274. ETS 4034. CIMMYT. G3-1960-1. Seeds red. Cultivated. Seed.
456275. ETS 4034. CIMMYT. G3-1960-2. Seeds red. Cultivated. Seed.
456276. ETS 4035. CIMMYT. G3-1961-1. Cultivated. Seed.
456277. ETS 4035. CIMMYT. G3-1961-2. Cultivated. Seed.
456278. ETS 4037. CIMMYT. G3-1963-1. Seeds bronze. Cultivated.
Seed.
456279. ETS 4037. CIMMYT. G3-1963-2. Seeds bronze. Cultivated.
Seed.
456280. ETS 4039. CIMMYT. G3-1965-1. Cultivated. Seed.
456281. ETS 4039. CIMMYT. G3-1965-2. Cultivated. Seed.
456282. ETS 4039. CIMMYT. G3-1965-3. Cultivated. Seed.
456283. ETS 4040. CIMMYT. G3-1966-1. Seeds red. Cultivated. Seed.
456284. ETS 4040. CIMMYT. G3-1966-2. Seeds red. Cultivated. Seed.
456285. ETS 4041. CIMMYT. G3-1967-1. Seeds red. Cultivated. Seed.
456286. ETS 4041. CIMMYT. G3-1967-2. Seeds red. Cultivated. Seed.
456287. ETS 4042. CIMMYT. G3-1968-1. Seeds red. Cultivated. Seed.
456288. ETS 4042. CIMMYT. G3-1968-2. Seeds red. Cultivated. Seed.
456289. ETS 4043. CIMMYT. G3-1969-1. Seeds bronze. Cultivated.
Seed.
456290. ETS 4043. CIMMYT. G3-1969-2. Seeds bronze. Cultivated.
Seed.
456291. ETS 4044. CIMMYT. G3-1970-1. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

456292. ETS 4044. CIMMYT. G3-1970-2. Seeds white. Cultivated. Seed.
456293. ETS 4044. CIMMYT. G3-1970-3. Seeds white. Cultivated. Seed.
456294. ETS 4045. CIMMYT. G3-1971-1. Seeds bronze. Cultivated. Seed.
456295. ETS 4045. CIMMYT. G3-1971-2. Seeds bronze. Cultivated. Seed.
456296. ETS 4046. CIMMYT. G3-1972-1. Endosperm yellow. Cultivated. Seed.
456297. ETS 4046. CIMMYT. G3-1972-2. Endosperm yellow. Cultivated. Seed.
456298. ETS 4047. CIMMYT. G3-1973-1. Endosperm yellow. Cultivated. Seed.
456299. ETS 4047. CIMMYT. G3-1973-2. Endosperm yellow. Cultivated. Seed.
456300. ETS 4047. CIMMYT. G3-1973-3. Endosperm yellow. Cultivated. Seed.
456301. ETS 4048. CIMMYT. G3-1974-1. Endosperm yellow. Cultivated. Seed.
456302. ETS 4048. CIMMYT. G3-1974-2. Endosperm yellow. Cultivated. Seed.
456303. ETS 4048. CIMMYT. G3-1974-3. Endosperm yellow. Cultivated. Seed.
456304. ETS 4049. CIMMYT. G3-1975-1. Endosperm yellow. Cultivated. Seed.
456305. ETS 4049. CIMMYT. G3-1975-2. Endosperm yellow. Cultivated. Seed.
456306. ETS 4050. CIMMYT. G3-1976-1. Endosperm yellow. Cultivated. Seed.
456307. ETS 4050. CIMMYT. G3-1976-2. Endosperm yellow. Cultivated. Seed.
456308. ETS 4050. CIMMYT. G3-1976-3. Endosperm yellow. Cultivated. Seed.
456309. ETS 4051. CIMMYT. G3-1977-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 456310. ETS 4051. CIMMYT. G3-1977-2. Seeds bronze. Cultivated. Seed.
- 456311. ETS 4052. CIMMYT. G3-1978-1. Endosperm yellow. Cultivated. Seed.
- 456312. ETS 4052. CIMMYT. G3-1978-2. Endosperm yellow. Cultivated. Seed.
- 456313. ETS 4054. CIMMYT. G3-1980-1. Seeds bronze. Cultivated. Seed.
- 456314. ETS 4054. CIMMYT. G3-1980-2. Seeds bronze. Cultivated. Seed.
- 456315. ETS 4054. CIMMYT. G3-1980-3. Seeds bronze. Cultivated. Seed.
- 456316. ETS 4056. CIMMYT. G3-1982-1. Endosperm yellow. Cultivated. Seed.
- 456317. ETS 4056. CIMMYT. G3-1982-2. Endosperm yellow. Cultivated. Seed.
- 456318. ETS 4057. CIMMYT. G3-1983-1. Seeds bronze. Cultivated. Seed.
- 456319. ETS 4057. CIMMYT. G3-1983-2. Seeds bronze. Cultivated. Seed.
- 456320. ETS 4058. CIMMYT. G3-1984-1. Seeds bronze. Cultivated. Seed.
- 456321. ETS 4058. CIMMYT. G3-1984-2. Seeds bronze. Cultivated. Seed.
- 456322. ETS 4058. CIMMYT. G3-1984-3. Seeds bronze. Cultivated. Seed.
- 456323. ETS 4059. CIMMYT. G3-1985-1. Seeds bronze. Cultivated. Seed.
- 456324. ETS 4059. CIMMYT. G3-1985-2. Seeds bronze. Cultivated. Seed.
- 456325. ETS 4060. CIMMYT. G3-1986-1. Seeds bronze. Cultivated. Seed.
- 456326. ETS 4060. CIMMYT. G3-1986-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

456327. ETS 4061. CIMMYT. G3-1987-1. Seeds bronze. Cultivated. Seed.
456328. ETS 4061. CIMMYT. G3-1987-2. Seeds bronze. Cultivated. Seed.
456329. ETS 4062. CIMMYT. G3-1988-1. Seeds bronze. Cultivated. Seed.
456330. ETS 4062. CIMMYT. G3-1988-2. Seeds bronze. Cultivated. Seed.
456331. ETS 4063. CIMMYT. G3-1989-1. Seeds bronze. Cultivated. Seed.
456332. ETS 4063. CIMMYT. G3-1989-2. Seeds bronze. Cultivated. Seed.
456333. ETS 4064. CIMMYT. G3-1990-1. Endosperm yellow. Cultivated. Seed.
456334. ETS 4064. CIMMYT. G3-1990-2. Endosperm yellow. Cultivated. Seed.
456335. ETS 4067. CIMMYT. G3-1991-1. Endosperm yellow. Cultivated. Seed.
456336. ETS 4067. CIMMYT. G3-1991-2. Endosperm yellow. Cultivated. Seed.
456337. ETS 4067. CIMMYT. G3-1991-3. Endosperm yellow. Cultivated. Seed.
456338. ETS 4067. CIMMYT. G3-1991-4. Endosperm yellow. Cultivated. Seed.
456339. ETS 4067. CIMMYT. G3-1991-5. Endosperm yellow. Cultivated. Seed.
456340. ETS 4069. CIMMYT. G3-1993-1. Seeds white. Cultivated. Seed.
456341. ETS 4069. CIMMYT. G3-1993-2. Seeds white. Cultivated. Seed.
456342. ETS 4070. CIMMYT. G3-1994. Seeds bronze. Cultivated. Seed.
456343. ETS 4071. CIMMYT. G3-1995-1. Seeds bronze. Cultivated. Seed.
456344. ETS 4071. CIMMYT. G3-1995-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 456345. ETS 4072. CIMMYT. G3-1996-1. Endosperm yellow. Cultivated. Seed.
- 456346. ETS 4072. CIMMYT. G3-1996-2. Endosperm yellow. Cultivated. Seed.
- 456347. ETS 4073. CIMMYT. G3-1997-1. Endosperm yellow. Cultivated. Seed.
- 456348. ETS 4073. CIMMYT. G3-1997-2. Endosperm yellow. Cultivated. Seed.
- 456349. ETS 4074. CIMMYT. G3-1998-1. Endosperm yellow. Cultivated. Seed.
- 456350. ETS 4074. CIMMYT. G3-1998-2. Endosperm yellow. Cultivated. Seed.
- 456351. ETS 4075. CIMMYT. G3-1999-1. Seeds bronze. Cultivated. Seed.
- 456352. ETS 4075. CIMMYT. G3-1999-2. Seeds bronze. Cultivated. Seed.
- 456353. ETS 4076. CIMMYT. G3-2000-1. Seeds red. Cultivated. Seed.
- 456354. ETS 4076. CIMMYT. G3-2000-2. Seeds red. Cultivated. Seed.
- 456355. ETS 4077. CIMMYT. G3-2001-1. Seeds white. Cultivated. Seed.
- 456356. ETS 4077. CIMMYT. G3-2001-2. Seeds white. Cultivated. Seed.
- 456357. ETS 4078. CIMMYT. G3-2002-1. Endosperm yellow. Cultivated. Seed.
- 456358. ETS 4078. CIMMYT. G3-2002-2. Endosperm yellow. Cultivated. Seed.
- 456359. ETS 4079. CIMMYT. G3-2003-1. Cultivated. Seed.
- 456360. ETS 4079. CIMMYT. G3-2003-2. Cultivated. Seed.
- 456361. ETS 4081. CIMMYT. G3-2004-1. Endosperm yellow. Cultivated. Seed.
- 456362. ETS 4081. CIMMYT. G3-2004-2. Endosperm yellow. Cultivated. Seed.
- 456363. ETS 4082. CIMMYT. G3-2005-1. Seeds white. Cultivated.

452502 TO 457915-continued

Seed.

- 456364. ETS 4082. CIMMYT. G3-2005-2. Seeds white. Cultivated. Seed.
- 456365. ETS 4084. CIMMYT. G3-2007-1. Seeds white. Cultivated. Seed.
- 456366. ETS 4084. CIMMYT. G3-2007-2. Seeds white. Cultivated. Seed.
- 456367. ETS 4085. CIMMYT. G3-2008-1. Seeds white. Cultivated. Seed.
- 456368. ETS 4085. CIMMYT. G3-2008-2. Seeds white. Cultivated. Seed.
- 456369. ETS 4086. CIMMYT. G3-2009-1. Endosperm yellow. Cultivated. Seed.
- 456370. ETS 4086. CIMMYT. G3-2009-2. Endosperm yellow. Cultivated. Seed.
- 456371. ETS 4087. CIMMYT. G3-2010-1. Seeds bronze. Cultivated. Seed.
- 456372. ETS 4087. CIMMYT. G3-2010-2. Seeds bronze. Cultivated. Seed.
- 456373. ETS 4089. CIMMYT. G3-2012-1. Seeds white. Cultivated. Seed.
- 456374. ETS 4089. CIMMYT. G3-2012-2. Seeds white. Cultivated. Seed.
- 456375. ETS 4089. CIMMYT. G3-2012-3. Seeds white. Cultivated. Seed.
- 456376. ETS 4090. CIMMYT. G3-2013-1. Seeds white. Cultivated. Seed.
- 456377. ETS 4090. CIMMYT. G3-2013-2. Seeds white. Cultivated. Seed.
- 456378. ETS 4093. CIMMYT. G3-2015-1. Seeds bronze. Cultivated. Seed.
- 456379. ETS 4093. CIMMYT. G3-2015-2. Seeds bronze. Cultivated. Seed.
- 456380. ETS 4094. CIMMYT. G3-2016-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 456381. ETS 4094. CIMMYT. G3-2016-2. Seeds bronze. Cultivated. Seed.
- 456382. ETS 4095. CIMMYT. G3-2017-1. Endosperm yellow. Cultivated. Seed.
- 456383. ETS 4095. CIMMYT. G3-2017-2. Endosperm yellow. Cultivated. Seed.
- 456384. ETS 4096. CIMMYT. G3-2018-1. Seeds bronze. Cultivated. Seed.
- 456385. ETS 4096. CIMMYT. G3-2018-2. Seeds bronze. Cultivated. Seed.
- 456386. ETS 4097. CIMMYT. G3-2019-1. Endosperm yellow. Cultivated. Seed.
- 456387. ETS 4097. CIMMYT. G3-2019-2. Endosperm yellow. Cultivated. Seed.
- 456388. ETS 4098. CIMMYT. G3-2020-1. Endosperm yellow. Cultivated. Seed.
- 456389. ETS 4098. CIMMYT. G3-2020-2. Endosperm yellow. Cultivated. Seed.
- 456390. ETS 4098. CIMMYT. G3-2020-3. Endosperm yellow. Cultivated. Seed.
- 456391. ETS 4099. CIMMYT. G3-2021-1. Seeds red. Cultivated. Seed.
- 456392. ETS 4099. CIMMYT. G3-2021-2. Seeds red. Cultivated. Seed.
- 456393. ETS 4099. CIMMYT. G3-2021-3. Seeds red. Cultivated. Seed.
- 456394. ETS 4103. CIMMYT. G3-2023-1. Seeds bronze. Cultivated. Seed.
- 456395. ETS 4103. CIMMYT. G3-2023-2. Seeds bronze. Cultivated. Seed.
- 456396. ETS 4103. CIMMYT. G3-2023-3. Seeds bronze. Cultivated. Seed.
- 456397. ETS 4104. CIMMYT. G3-2024-1. Seeds red. Cultivated. Seed.
- 456398. ETS 4104. CIMMYT. G3-2024-2. Seeds red. Cultivated. Seed.
- 456399. ETS 4104. CIMMYT. G3-2024-3. Seeds red. Cultivated. Seed.
- 456400. ETS 4107. CIMMYT. G3-2027-1. Endosperm yellow.

452502 TO 457915-continued

Cultivated. Seed.

456401. ETS 4107. CIMMYT. G3-2027-2. Endosperm yellow.
Cultivated. Seed.
456402. ETS 4108. CIMMYT. G3-2028-1. Endosperm yellow.
Cultivated. Seed.
456403. ETS 4108. CIMMYT. G3-2028-2. Endosperm yellow.
Cultivated. Seed.
456404. ETS 4109. CIMMYT. G3-2029-1. Endosperm yellow.
Cultivated. Seed.
456405. ETS 4109. CIMMYT. G3-2029-2. Endosperm yellow.
Cultivated. Seed.
456406. ETS 4110. CIMMYT. G3-2030-1. Seeds white. Cultivated.
Seed.
456407. ETS 4110. CIMMYT. G3-2030-2. Seeds white. Cultivated.
Seed.
456408. ETS 4111. CIMMYT. G3-2031-1. Seeds red. Cultivated. Seed.
456409. ETS 4111. CIMMYT. G3-2031-2. Seeds red. Cultivated. Seed.
456410. ETS 4113. CIMMYT. G3-2033-1. Endosperm yellow.
Cultivated. Seed.
456411. ETS 4113. CIMMYT. G3-2033-2. Endosperm yellow.
Cultivated. Seed.
456412. ETS 4113. CIMMYT. G3-2033-3. Endosperm yellow.
Cultivated. Seed.
456413. ETS 4114. CIMMYT. G3-2034-1. Endosperm yellow.
Cultivated. Seed.
456414. ETS 4114. CIMMYT. G3-2034-2. Endosperm yellow.
Cultivated. Seed.
456415. ETS 4115. CIMMYT. G3-2035-1. Endosperm yellow.
Cultivated. Seed.
456416. ETS 4115. CIMMYT. G3-2035-2. Endosperm yellow.
Cultivated. Seed.
456417. ETS 4116. CIMMYT. G3-2036. Cultivated. Seed.
456418. ETS 4118. CIMMYT. G3-2038-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 456419. ETS 4118. CIMMYT. G3-2038-2. Endosperm yellow. Cultivated. Seed.
- 456420. ETS 4120. CIMMYT. G3-2039-1. Endosperm yellow. Cultivated. Seed.
- 456421. ETS 4120. CIMMYT. G3-2039-2. Endosperm yellow. Cultivated. Seed.
- 456422. ETS 4120. CIMMYT. G3-2039-3. Endosperm yellow. Cultivated. Seed.
- 456423. ETS 4121. CIMMYT. G3-2040-1. Endosperm yellow. Cultivated. Seed.
- 456424. ETS 4121. CIMMYT. G3-2040-2. Endosperm yellow. Cultivated. Seed.
- 456425. ETS 4122. CIMMYT. G3-2041-1. Seeds red. Cultivated. Seed.
- 456426. ETS 4122. CIMMYT. G3-2041-2. Seeds red. Cultivated. Seed.
- 456427. ETS 4123. CIMMYT. G3-2042-1. Seeds red. Cultivated. Seed.
- 456428. ETS 4123. CIMMYT. G3-2042-2. Seeds red. Cultivated. Seed.
- 456429. ETS 4123. CIMMYT. G3-2042-3. Seeds red. Cultivated. Seed.
- 456430. ETS 4124. CIMMYT. G3-2043-1. Endosperm yellow. Cultivated. Seed.
- 456431. ETS 4124. CIMMYT. G3-2043-2. Endosperm yellow. Cultivated. Seed.
- 456432. ETS 4125. CIMMYT. G3-2044-1. Endosperm yellow. Cultivated. Seed.
- 456433. ETS 4125. CIMMYT. G3-2044-2. Endosperm yellow. Cultivated. Seed.
- 456434. ETS 4126. CIMMYT. G3-2045-1. Endosperm yellow. Cultivated. Seed.
- 456435. ETS 4126. CIMMYT. G3-2045-2. Endosperm yellow. Cultivated. Seed.
- 456436. ETS 4127. CIMMYT. G3-2046-1. Seeds red. Cultivated. Seed.
- 456437. ETS 4127. CIMMYT. G3-2046-2. Seeds red. Cultivated. Seed.
- 456438. ETS 4128. CIMMYT. G3-2047-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456439. ETS 4128. CIMMYT. G3-2047-2. Endosperm yellow.
Cultivated. Seed.
456440. ETS 4130. CIMMYT. G3-2048-1. Seeds red. Cultivated. Seed.
456441. ETS 4130. CIMMYT. G3-2048-2. Seeds red. Cultivated. Seed.
456442. ETS 4131. CIMMYT. G3-2049-1. Endosperm yellow.
Cultivated. Seed.
456443. ETS 4131. CIMMYT. G3-2049-2. Endosperm yellow.
Cultivated. Seed.
456444. ETS 4132. CIMMYT. G3-2050-1. Seeds white. Cultivated.
Seed.
456445. ETS 4132. CIMMYT. G3-2050-2. Seeds white. Cultivated.
Seed.
456446. ETS 4133. CIMMYT. G3-2051-1. Seeds bronze. Cultivated.
Seed.
456447. ETS 4133. CIMMYT. G3-2051-2. Seeds bronze. Cultivated.
Seed.
456448. ETS 4134. CIMMYT. G3-2052-1. Seeds red. Cultivated. Seed.
456449. ETS 4134. CIMMYT. G3-2052-2. Seeds red. Cultivated. Seed.
456450. ETS 4135. CIMMYT. G3-2053-1. Seeds red. Cultivated. Seed.
456451. ETS 4135. CIMMYT. G3-2053-2. Seeds red. Cultivated. Seed.
456452. ETS 4136. CIMMYT. G3-2054-1. Endosperm yellow.
Cultivated. Seed.
456453. ETS 4136. CIMMYT. G3-2054-2. Endosperm yellow.
Cultivated. Seed.
456454. ETS 4138. CIMMYT. G3-2056-1. Endosperm yellow.
Cultivated. Seed.
456455. ETS 4138. CIMMYT. G3-2056-2. Endosperm yellow.
Cultivated. Seed.
456456. ETS 4139. CIMMYT. G3-2057-1. Endosperm yellow.
Cultivated. Seed.
456457. ETS 4139. CIMMYT. G3-2057-2. Endosperm yellow.
Cultivated. Seed.
456458. ETS 4140. CIMMYT. G3-2058-1. Endosperm yellow.

452502 TO 457915-continued
Cultivated. Seed.

- 456459. ETS 4140. CIMMYT. G3-2058-2. Endosperm yellow.
Cultivated. Seed.
- 456460. ETS 4141. CIMMYT. G3-2059-1. Endosperm yellow.
Cultivated. Seed.
- 456461. ETS 4141. CIMMYT. G3-2059-2. Endosperm yellow.
Cultivated. Seed.
- 456462. ETS 4142. CIMMYT. G3-2060-1. Endosperm yellow.
Cultivated. Seed.
- 456463. ETS 4142. CIMMYT. G3-2060-2. Endosperm yellow.
Cultivated. Seed.
- 456464. ETS 4144. CIMMYT. G3-2062. Endosperm yellow. Cultivated.
Seed.
- 456465. ETS 4145. CIMMYT. G3-2063-1. Cultivated. Seed.
- 456466. ETS 4145. CIMMYT. G3-2063-2. Cultivated. Seed.
- 456467. ETS 4146. CIMMYT. G3-2064-1. Seeds white. Cultivated.
Seed.
- 456468. ETS 4146. CIMMYT. G3-2064-2. Seeds white. Cultivated.
Seed.
- 456469. ETS 4146. CIMMYT. G3-2064-3. Seeds white. Cultivated.
Seed.
- 456470. ETS 4147. CIMMYT. G3-2065-1. Seeds red. Cultivated. Seed.
- 456471. ETS 4147. CIMMYT. G3-2065-2. Seeds red. Cultivated. Seed.
- 456472. ETS 4148. CIMMYT. G3-2066-1. Seeds red. Cultivated. Seed.
- 456473. ETS 4148. CIMMYT. G3-2066-2. Seeds red. Cultivated. Seed.
- 456474. ETS 4149. CIMMYT. G3-2067-1. Seeds red. Cultivated. Seed.
- 456475. ETS 4149. CIMMYT. G3-2067-2. Seeds red. Cultivated. Seed.
- 456476. ETS 4152. CIMMYT. G3-2068-1. Endosperm yellow.
Cultivated. Seed.
- 456477. ETS 4152. CIMMYT. G3-2068-2. Endosperm yellow.
Cultivated. Seed.
- 456478. ETS 4153. CIMMYT. G3-2069-1. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

456479. ETS 4153. CIMMYT. G3-2069-2. Seeds white. Cultivated. Seed.
456480. ETS 4153. CIMMYT. G3-2069-3. Seeds white. Cultivated. Seed.
456481. ETS 4154. CIMMYT. G3-2070-1. Seeds red. Cultivated. Seed.
456482. ETS 4154. CIMMYT. G3-2070-2. Seeds red. Cultivated. Seed.
456483. ETS 4155. CIMMYT. G3-2071-1. Seeds bronze. Cultivated. Seed.
456484. ETS 4155. CIMMYT. G3-2071-2. Seeds bronze. Cultivated. Seed.
456485. ETS 4156. CIMMYT. G3-2072-1. Cultivated. Seed.
456486. ETS 4156. CIMMYT. G3-2072-2. Cultivated. Seed.
456487. ETS 4157. CIMMYT. G3-2073-1. Cultivated. Seed.
456488. ETS 4157. CIMMYT. G3-2073-2. Cultivated. Seed.
456489. ETS 4159. CIMMYT. G3-2074-1. Endosperm yellow. Cultivated. Seed.
456490. ETS 4159. CIMMYT. G3-2074-2. Endosperm yellow. Cultivated. Seed.
456491. ETS 4160. CIMMYT. G3-2075-1. Seeds red. Cultivated. Seed.
456492. ETS 4160. CIMMYT. G3-2075-2. Seeds red. Cultivated. Seed.
456493. ETS 4161. CIMMYT. G3-2076-1. Seeds red. Cultivated. Seed.
456494. ETS 4161. CIMMYT. G3-2076-2. Seeds red. Cultivated. Seed.
456495. ETS 4163. CIMMYT. G3-2077-1. Endosperm yellow. Cultivated. Seed.
456496. ETS 4163. CIMMYT. G3-2077-2. Endosperm yellow. Cultivated. Seed.
456497. ETS 4163. CIMMYT. G3-2077-3. Endosperm yellow. Cultivated. Seed.
456498. ETS 4165. CIMMYT. G3-2078-1. Seeds white. Cultivated. Seed.
456499. ETS 4165. CIMMYT. G3-2078-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 456500. ETS 4166. CIMMYT. G3-2079-1. Seeds white. Cultivated. Seed.
- 456501. ETS 4166. CIMMYT. G3-2079-2. Seeds white. Cultivated. Seed.
- 456502. ETS 4166. CIMMYT. G3-2079-3. Seeds white. Cultivated. Seed.
- 456503. ETS 4166. CIMMYT. G3-2079-4. Seeds white. Cultivated. Seed.
- 456504. ETS 4167. CIMMYT. G3-2080-1. Cultivated. Seed.
- 456505. ETS 4167. CIMMYT. G3-2080-2. Cultivated. Seed.
- 456506. ETS 4170. CIMMYT. G3-2081-1. Cultivated. Seed.
- 456507. ETS 4170. CIMMYT. G3-2081-2. Cultivated. Seed.
- 456508. ETS 4171. CIMMYT. G3-2082-1. Cultivated. Seed.
- 456509. ETS 4171. CIMMYT. G3-2082-2. Cultivated. Seed.
- 456510. ETS 4171. CIMMYT. G3-2082-3. Cultivated. Seed.
- 456511. ETS 4174. CIMMYT. G3-2085-1. Endosperm yellow. Cultivated. Seed.
- 456512. ETS 4174. CIMMYT. G3-2085-2. Endosperm yellow. Cultivated. Seed.
- 456513. ETS 4174. CIMMYT. G3-2085-3. Endosperm yellow. Cultivated. Seed.
- 456514. ETS 4175. CIMMYT. G3-2086. Endosperm yellow. Cultivated. Seed.
- 456515. ETS 4178. CIMMYT. G3-2088-1. Seeds white. Cultivated. Seed.
- 456516. ETS 4178. CIMMYT. G3-2088-2. Seeds white. Cultivated. Seed.
- 456517. ETS 4179. CIMMYT. G3-2089-1. Seeds white. Cultivated. Seed.
- 456518. ETS 4179. CIMMYT. G3-2089-2. Seeds white. Cultivated. Seed.
- 456519. ETS 4181. CIMMYT. G3-2090-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

456520. ETS 4181. CIMMYT. G3-2090-2. Seeds bronze. Cultivated. Seed.
456521. ETS 4181. CIMMYT. G3-2090-3. Seeds bronze. Cultivated. Seed.
456522. ETS 4182. CIMMYT. G3-2091-1. Endosperm yellow. Cultivated. Seed.
456523. ETS 4182. CIMMYT. G3-2091-2. Endosperm yellow. Cultivated. Seed.
456524. ETS 4182. CIMMYT. G3-2091-3. Endosperm yellow. Cultivated. Seed.
456525. ETS 4183. CIMMYT. G3-2092-1. Endosperm yellow. Cultivated. Seed.
456526. ETS 4183. CIMMYT. G3-2092-2. Endosperm yellow. Cultivated. Seed.
456527. ETS 4184. CIMMYT. G3-2093. Endosperm yellow. Cultivated. Seed.
456528. ETS 4185. CIMMYT. G3-2094-1. Seeds white. Cultivated. Seed.
456529. ETS 4185. CIMMYT. G3-2094-2. Seeds white. Cultivated. Seed.
456530. ETS 4185. CIMMYT. G3-2094-3. Seeds white. Cultivated. Seed.
456531. ETS 4186. CIMMYT. G3-2095-1. Seeds white. Cultivated. Seed.
456532. ETS 4186. CIMMYT. G3-2095-2. Seeds white. Cultivated. Seed.
456533. ETS 4188. CIMMYT. G3-2097-1. Endosperm yellow. Cultivated. Seed.
456534. ETS 4188. CIMMYT. G3-2097-2. Endosperm yellow. Cultivated. Seed.
456535. ETS 4190. CIMMYT. G3-2099-1. Endosperm yellow. Cultivated. Seed.
456536. ETS 4190. CIMMYT. G3-2099-2. Endosperm yellow. Cultivated. Seed.
456537. ETS 4191. CIMMYT. G3-2100-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 456538. ETS 4191. CIMMYT. G3-2100-2. Seeds bronze. Cultivated. Seed.
- 456539. ETS 4195. CIMMYT. G3-2102-1. Endosperm yellow. Cultivated. Seed.
- 456540. ETS 4195. CIMMYT. G3-2102-2. Endosperm yellow. Cultivated. Seed.
- 456541. ETS 4196. CIMMYT. G3-2103-1. Seeds bronze. Cultivated. Seed.
- 456542. ETS 4196. CIMMYT. G3-2103-2. Seeds bronze. Cultivated. Seed.
- 456543. ETS 4198. CIMMYT. G3-2104. Endosperm yellow. Cultivated. Seed.
- 456544. ETS 4199. CIMMYT. G3-2105. Endosperm yellow. Cultivated. Seed.
- 456545. ETS 4102. CIMMYT. G3-2107. Seeds bronze. Cultivated. Seed.
- 456546. ETS 4203. CIMMYT. G3-2108-1. Seeds red. Cultivated. Seed.
- 456547. ETS 4203. CIMMYT. G3-2108-2. Seeds red. Cultivated. Seed.
- 456548. ETS 4204. CIMMYT. G3-2109-1. Endosperm yellow. Cultivated. Seed.
- 456549. ETS 4204. CIMMYT. G3-2109-2. Endosperm yellow. Cultivated. Seed.
- 456550. ETS 4206. CIMMYT. G3-2111-1. Seeds bronze. Cultivated. Seed.
- 456551. ETS 4206. CIMMYT. G3-2111-2. Seeds bronze. Cultivated. Seed.
- 456552. ETS 4208. CIMMYT. G3-2113-1. Endosperm yellow. Cultivated. Seed.
- 456553. ETS 4208. CIMMYT. G3-2113-2. Endosperm yellow. Cultivated. Seed.
- 456554. ETS 4209. CIMMYT. G3-2114-1. Seeds red. Cultivated. Seed.
- 456555. ETS 4209. CIMMYT. G3-2114-2. Seeds red. Cultivated. Seed.
- 456556. ETS 4209. CIMMYT. G3-2114-3. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 456557. ETS 4211. CIMMYT. G3-2115-1. Endosperm yellow. Cultivated. Seed.
- 456558. ETS 4211. CIMMYT. G3-2115-2. Endosperm yellow. Cultivated. Seed.
- 456559. ETS 4212. CIMMYT. G3-2116-1. Seeds bronze. Endosperm yellow. Cultivated. Seed.
- 456560. ETS 4212. CIMMYT. G3-2116-2. Seeds bronze. Endosperm yellow. Cultivated. Seed.
- 456561. ETS 4212. CIMMYT. G3-2116-3. Seeds bronze. Endosperm yellow. Cultivated. Seed.
- 456562. ETS 4213. CIMMYT. G3-2117-1. Seeds red and white. Cultivated. Seed.
- 456563. ETS 4213. CIMMYT. G3-2117-2. Seeds red and white. Cultivated. Seed.
- 456564. ETS 4214. CIMMYT. G3-2118-1. Seeds white. Cultivated. Seed.
- 456565. ETS 4214. CIMMYT. G3-2118-2. Seeds white. Cultivated. Seed.
- 456566. ETS 4215. CIMMYT. G3-2119-1. Endosperm yellow. Cultivated. Seed.
- 456567. ETS 4215. CIMMYT. G3-2119-2. Endosperm yellow. Cultivated. Seed.
- 456568. ETS 4218. CIMMYT. G3-2120-1. Seeds bronze. Cultivated. Seed.
- 456569. ETS 4218. CIMMYT. G3-2120-2. Seeds bronze. Cultivated. Seed.
- 456570. ETS 4220. CIMMYT. G3-2122-1. Endosperm yellow. Cultivated. Seed.
- 456571. ETS 4220. CIMMYT. G3-2122-2. Endosperm yellow. Cultivated. Seed.
- 456572. ETS 4220. CIMMYT. G3-2122-3. Endosperm yellow. Cultivated. Seed.
- 456573. ETS 4221. CIMMYT. G3-2123-1. Seeds red. Cultivated. Seed.
- 456574. ETS 4221. CIMMYT. G3-2123-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

456575. ETS 4222. CIMMYT. G3-2124-1. Seeds white. Cultivated. Seed.
456576. ETS 4222. CIMMYT. G3-2124-2. Seeds white. Cultivated. Seed.
456577. ETS 4223. CIMMYT. G3-2125-1. Seeds red. Cultivated. Seed.
456578. ETS 4223. CIMMYT. G3-2125-2. Seeds red. Cultivated. Seed.
456579. ETS 4223. CIMMYT. G3-2125-3. Seeds red. Cultivated. Seed.
456580. ETS 4226. CIMMYT. G3-2127-1. Cultivated. Seed.
456581. ETS 4226. CIMMYT. G3-2127-2. Cultivated. Seed.
456582. ETS 4227-A. CIMMYT. G3-2128-1. Cultivated. Seed.
456583. ETS 4227-A. CIMMYT. G3-2128-2. Cultivated. Seed.
456584. ETS 4227-B. CIMMYT. G3-2129-1. Cultivated. Seed.
456585. ETS 4227-B. CIMMYT. G3-2129-2. Cultivated. Seed.
456586. ETS 4228. CIMMYT. G3-2130-1. Seeds red. Cultivated. Seed.
456587. ETS 4228. CIMMYT. G3-2130-2. Seeds red. Cultivated. Seed.
456588. ETS 4230. CIMMYT. G3-2131-1. Endosperm yellow. Cultivated. Seed.
456589. ETS 4230. CIMMYT. G3-2131-2. Endosperm yellow. Cultivated. Seed.
456590. ETS 4230. CIMMYT. G3-2131-3. Endosperm yellow. Cultivated. Seed.
456591. ETS 4231. CIMMYT. G3-2132-1. Seeds white. Cultivated. Seed.
456592. ETS 4231. CIMMYT. G3-2132-2. Seeds white. Cultivated. Seed.
456593. ETS 4232. CIMMYT. G3-2133-1. Endosperm yellow. Cultivated. Seed.
456594. ETS 4232. CIMMYT. G3-2133-2. Endosperm yellow. Cultivated. Seed.
456595. ETS 4233. CIMMYT. G3-2134-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456596. ETS 4233. CIMMYT. G3-2134-2. Endosperm yellow.
Cultivated. Seed.
456597. ETS 4234. CIMMYT. G3-2135-1. Endosperm yellow.
Cultivated. Seed.
456598. ETS 4234. CIMMYT. G3-2135-2. Endosperm yellow.
Cultivated. Seed.
456599. ETS 4235. CIMMYT. G3-2136-1. Seeds red. Cultivated. Seed.
456600. ETS 4235. CIMMYT. G3-2136-2. Seeds red. Cultivated. Seed.
456601. ETS 4236. CIMMYT. G3-2137-1. Endosperm yellow.
Cultivated. Seed.
456602. ETS 4236. CIMMYT. G3-2137-2. Endosperm yellow.
Cultivated. Seed.
456603. ETS 4237. CIMMYT. G3-2138-1. Seeds red. Cultivated. Seed.
456604. ETS 4237. CIMMYT. G3-2138-2. Seeds red. Cultivated. Seed.
456605. ETS 4238. CIMMYT. G3-2139-1. Seeds bronze. Cultivated.
Seed.
456606. ETS 4238. CIMMYT. G3-2139-2. Seeds bronze. Cultivated.
Seed.
456607. ETS 4239. CIMMYT. G3-2140-1. Seeds bronze. Cultivated.
Seed.
456608. ETS 4239. CIMMYT. G3-2140-2. Seeds bronze. Cultivated.
Seed.
456609. ETS 4240. CIMMYT. G3-2141-1. Seeds red. Cultivated. Seed.
456610. ETS 4240. CIMMYT. G3-2141-2. Seeds red. Cultivated. Seed.
456611. ETS 4242. CIMMYT. G3-2142-1. Endosperm yellow.
Cultivated. Seed.
456612. ETS 4242. CIMMYT. G3-2142-2. Endosperm yellow.
Cultivated. Seed.
456613. ETS 4243. CIMMYT. G3-2143-1. Cultivated. Seed.
456614. ETS 4243. CIMMYT. G3-2143-2. Cultivated. Seed.
456615. ETS 4244. CIMMYT. G3-2144-1. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

456616. ETS 4244. CIMMYT. G3-2144-2. Seeds white. Cultivated. Seed.
456617. ETS 4244. CIMMYT. G3-2144-3. Seeds white. Cultivated. Seed.
456618. ETS 4246-A. CIMMYT. G3-2145. Endosperm yellow. Cultivated. Seed.
456619. ETS 4247. CIMMYT. G3-2147-1. Seeds red. Cultivated. Seed.
456620. ETS 4247. CIMMYT. G3-2147-2. Seeds red. Cultivated. Seed.
456621. ETS 4247. CIMMYT. G3-2147-3. Seeds red. Cultivated. Seed.
456622. ETS 4248. CIMMYT. G3-2148-1. Endosperm yellow. Cultivated. Seed.
456623. ETS 4248. CIMMYT. G3-2148-2. Endosperm yellow. Cultivated. Seed.
456624. ETS 4251. CIMMYT. G3-2150-1. Endosperm yellow. Cultivated. Seed.
456625. ETS 4251. CIMMYT. G3-2150-2. Endosperm yellow. Cultivated. Seed.
456626. ETS 4252. CIMMYT. G3-2151-1. Seeds bronze. Cultivated. Seed.
456627. ETS 4252. CIMMYT. G3-2151-2. Seeds bronze. Cultivated. Seed.
456628. ETS 4253. CIMMYT. G3-2152-1. Endosperm yellow. Cultivated. Seed.
456629. ETS 4253. CIMMYT. G3-2152-2. Endosperm yellow. Cultivated. Seed.
456630. ETS 4255. CIMMYT. G3-2153-1. Seeds white. Cultivated. Seed.
456631. ETS 4255. CIMMYT. G3-2153-2. Seeds white. Cultivated. Seed.
456632. ETS 4255. CIMMYT. G3-2153-3. Seeds white. Cultivated. Seed.
456633. ETS 4256-A. CIMMYT. G3-2154-1. Seeds white. Cultivated. Seed.
456634. ETS 4256-A. CIMMYT. G3-2154-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

- 456635. ETS 4256-B. CIMMYT. G3-2155-1. Endosperm yellow. Cultivated. Seed.
- 456636. ETS 4256-B. CIMMYT. G3-2155-2. Endosperm yellow. Cultivated. Seed.
- 456637. ETS 4257. CIMMYT. G3-2156-1. Endosperm yellow. Cultivated. Seed.
- 456638. ETS 4257. CIMMYT. G3-2156-2. Endosperm yellow. Cultivated. Seed.
- 456639. ETS 4259. CIMMYT. G3-2157-1. Endosperm yellow. Cultivated. Seed.
- 456640. ETS 4259. CIMMYT. G3-2157-2. Endosperm yellow. Cultivated. Seed.
- 456641. ETS 4260. CIMMYT. G3-2158-1. Seeds bronze. Endosperm yellow. Cultivated. Seed.
- 456642. ETS 4260. CIMMYT. G3-2158-2. Seeds bronze. Endosperm yellow. Cultivated. Seed.
- 456643. ETS 4261. CIMMYT. G3-2159-1. Seeds red. Cultivated. Seed.
- 456644. ETS 4261. CIMMYT. G3-2159-2. Seeds red. Cultivated. Seed.
- 456645. ETS 4261. CIMMYT. G3-2159-3. Seeds red. Cultivated. Seed.
- 456646. ETS 4261. CIMMYT. G3-2159-4. Seeds red. Cultivated. Seed.
- 456647. ETS 4262. CIMMYT. G3-2160-1. Seeds white. Cultivated. Seed.
- 456648. ETS 4262. CIMMYT. G3-2160-2. Seeds white. Cultivated. Seed.
- 456649. ETS 4263. CIMMYT. G3-2161-1. Seeds bronze. Cultivated. Seed.
- 456650. ETS 4263. CIMMYT. G3-2161-2. Seeds bronze. Cultivated. Seed.
- 456651. ETS 4265. CIMMYT. G3-2162-1. Seeds bronze. Cultivated. Seed.
- 456652. ETS 4265. CIMMYT. G3-2162-2. Seeds bronze. Cultivated. Seed.
- 456653. ETS 4266. CIMMYT. G3-2163-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
456654. ETS 4266. CIMMYT. G3-2163-2. Endosperm yellow.
Cultivated. Seed.
456655. ETS 4267. CIMMYT. G3-2164-1. Endosperm yellow.
Cultivated. Seed.
456656. ETS 4267. CIMMYT. G3-2164-2. Endosperm yellow.
Cultivated. Seed.
456657. ETS 4269. CIMMYT. G3-2165-1. Seeds white. Cultivated.
Seed.
456658. ETS 4269. CIMMYT. G3-2165-2. Seeds white. Cultivated.
Seed.
456659. ETS 4271. CIMMYT. G3-2166-1. Seeds red. Cultivated. Seed.
456660. ETS 4271. CIMMYT. G3-2166-2. Seeds red. Cultivated. Seed.
456661. ETS 4272. CIMMYT. G3-2167-1. Endosperm yellow.
Cultivated. Seed.
456662. ETS 4272. CIMMYT. G3-2167-2. Endosperm yellow.
Cultivated. Seed.
456663. ETS 4273. CIMMYT. G3-2168-1. Endosperm yellow.
Cultivated. Seed.
456664. ETS 4273. CIMMYT. G3-2168-2. Endosperm yellow.
Cultivated. Seed.
456665. ETS 4274. CIMMYT. G3-2169-1. Seeds red. Cultivated. Seed.
456666. ETS 4274. CIMMYT. G3-2169-2. Seeds red. Cultivated. Seed.
456667. ETS 4275. CIMMYT. G3-2170-1. Seeds bronze. Cultivated.
Seed.
456668. ETS 4275. CIMMYT. G3-2170-2. Seeds bronze. Cultivated.
Seed.
456669. ETS 4276. CIMMYT. G3-2171-1. Endosperm yellow.
Cultivated. Seed.
456670. ETS 4276. CIMMYT. G3-2171-2. Endosperm yellow.
Cultivated. Seed.
456671. ETS 4278. CIMMYT. G3-2173-1. Endosperm yellow.
Cultivated. Seed.
456672. ETS 4278. CIMMYT. G3-2173-2. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
456673. ETS 4278. CIMMYT. G3-2173-3. Endosperm yellow.
Cultivated. Seed.
456674. ETS 4279. CIMMYT. G3-2174-1. Endosperm yellow.
Cultivated. Seed.
456675. ETS 4279. CIMMYT. G3-2174-2. Endosperm yellow.
Cultivated. Seed.
456676. ETS 4280. CIMMYT. G3-2175-1. Seeds bronze. Cultivated.
Seed.
456677. ETS 4280. CIMMYT. G3-2175-2. Seeds bronze. Cultivated.
Seed.
456678. ETS 4281. CIMMYT. G3-2176-1. Seeds red. Cultivated. Seed.
456679. ETS 4281. CIMMYT. G3-2176-2. Seeds red. Cultivated. Seed.
456680. ETS 4282. CIMMYT. G3-2177-1. Seeds white. Cultivated.
Seed.
456681. ETS 4282. CIMMYT. G3-2177-2. Seeds white. Cultivated.
Seed.
456682. ETS 4283. CIMMYT. G3-2178-1. Endosperm yellow.
Cultivated. Seed.
456683. ETS 4283. CIMMYT. G3-2178-2. Endosperm yellow.
Cultivated. Seed.
456684. ETS 4284. CIMMYT. G3-2179-1. Endosperm yellow.
Cultivated. Seed.
456685. ETS 4284. CIMMYT. G3-2179-2. Endosperm yellow.
Cultivated. Seed.
456686. ETS 4285-A. CIMMYT. G3-2180-1. Endosperm yellow.
Cultivated. Seed.
456687. ETS 4285-A. CIMMYT. G3-2180-2. Endosperm yellow.
Cultivated. Seed.
456688. ETS 4285-A. CIMMYT. G3-2180-3. Endosperm yellow.
Cultivated. Seed.
456689. ETS 4285-B. CIMMYT. G3-2181-1. Seeds white. Cultivated.
Seed.
456690. ETS 4285-B. CIMMYT. G3-2181-2. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 456691. ETS 4286. CIMMYT. G3-2182-1. Endosperm yellow. Cultivated. Seed.
- 456692. ETS 4286. CIMMYT. G3-2182-2. Endosperm yellow. Cultivated. Seed.
- 456693. ETS 4286. CIMMYT. G3-2182-3. Endosperm yellow. Cultivated. Seed.
- 456694. ETS 4288. CIMMYT. G3-2183-1. Endosperm yellow. Cultivated. Seed.
- 456695. ETS 4288. CIMMYT. G3-2183-2. Endosperm yellow. Cultivated. Seed.
- 456696. ETS 4289. CIMMYT. G3-2184-1. Seeds bronze. Cultivated. Seed.
- 456697. ETS 4289. CIMMYT. G3-2184-2. Seeds bronze. Cultivated. Seed.
- 456698. ETS 4289. CIMMYT. G3-2184-3. Seeds bronze. Cultivated. Seed.
- 456699. ETS 4290. CIMMYT. G3-2185-1. Cultivated. Seed.
- 456700. ETS 4290. CIMMYT. G3-2185-2. Cultivated. Seed.
- 456701. ETS 4291. CIMMYT. G3-2186-1. Seeds white. Cultivated. Seed.
- 456702. ETS 4291. CIMMYT. G3-2186-2. Seeds white. Cultivated. Seed.
- 456703. ETS 4291. CIMMYT. G3-2186-3. Seeds white. Cultivated. Seed.
- 456704. ETS 4292. CIMMYT. G3-2187-1. Seeds bronze. Cultivated. Seed.
- 456705. ETS 4292. CIMMYT. G3-2187-2. Seeds bronze. Cultivated. Seed.
- 456706. ETS 4293. CIMMYT. G3-2188-1. Cultivated. Seed.
- 456707. ETS 4293. CIMMYT. G3-2188-2. Cultivated. Seed.
- 456708. ETS 4294. CIMMYT. G3-2189-1. Seeds white. Cultivated. Seed.
- 456709. ETS 4294. CIMMYT. G3-2189-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 456710. ETS 4295. CIMMYT. G3-2190-1. Endosperm yellow. Cultivated. Seed.
- 456711. ETS 4295. CIMMYT. G3-2190-2. Endosperm yellow. Cultivated. Seed.
- 456712. ETS 4295. CIMMYT. G3-2190-3. Endosperm yellow. Cultivated. Seed.
- 456713. ETS 4296. CIMMYT. G3-2191-1. Endosperm yellow. Cultivated. Seed.
- 456714. ETS 4296. CIMMYT. G3-2191-2. Endosperm yellow. Cultivated. Seed.
- 456715. ETS 4297. CIMMYT. G3-2192-1. Seeds white. Cultivated. Seed.
- 456716. ETS 4297. CIMMYT. G3-2192-2. Seeds white. Cultivated. Seed.
- 456717. ETS 4298. CIMMYT. G3-2193-1. Endosperm yellow. Cultivated. Seed.
- 456718. ETS 4298. CIMMYT. G3-2193-2. Endosperm yellow. Cultivated. Seed.
- 456719. ETS 4299. CIMMYT. G3-2194-1. Cultivated. Seed.
- 456720. ETS 4299. CIMMYT. G3-2194-2. Cultivated. Seed.
- 456721. ETS 4300-A. CIMMYT. G3-2195-1. Seeds bronze. Cultivated. Seed.
- 456722. ETS 4300-A. CIMMYT. G3-2195-2. Seeds bronze. Cultivated. Seed.
- 456723. ETS 4300-B. CIMMYT. G3-2196-1. Seeds white. Cultivated. Seed.
- 456724. ETS 4300-B. CIMMYT. G3-2196-2. Seeds white. Cultivated. Seed.
- 456725. ETS 4300-B. CIMMYT. G3-2196-3. Seeds white. Cultivated. Seed.
- 456726. ETS 4301. CIMMYT. G3-2197-1. Endosperm yellow. Cultivated. Seed.
- 456727. ETS 4301. CIMMYT. G3-2197-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456728. ETS 4302. CIMMYT. G3-2198-1. Seeds bronze. Cultivated. Seed.
456729. ETS 4302. CIMMYT. G3-2198-2. Seeds bronze. Cultivated. Seed.
456730. ETS 4303. CIMMYT. G3-2199-1. Endosperm yellow. Cultivated. Seed.
456731. ETS 4303. CIMMYT. G3-2199-2. Endosperm yellow. Cultivated. Seed.
456732. ETS 4304. CIMMYT. G3-2200-1. Seeds bronze. Cultivated. Seed.
456733. ETS 4304. CIMMYT. G3-2200-2. Seeds bronze. Cultivated. Seed.
456734. ETS 4305. CIMMYT. G3-2201-1. Seeds red. Cultivated. Seed.
456735. ETS 4305. CIMMYT. G3-2201-2. Seeds red. Cultivated. Seed.
456736. ETS 4306. CIMMYT. G3-2202-1. Seeds red. Cultivated. Seed.
456737. ETS 4306. CIMMYT. G3-2202-2. Seeds red. Cultivated. Seed.
456738. ETS 4308. CIMMYT. G3-2203-1. Endosperm yellow. Cultivated. Seed.
456739. ETS 4308. CIMMYT. G3-2203-2. Endosperm yellow. Cultivated. Seed.
456740. ETS 4310. CIMMYT. G3-2205-1. Endosperm yellow. Cultivated. Seed.
456741. ETS 4310. CIMMYT. G3-2205-2. Endosperm yellow. Cultivated. Seed.
456742. ETS 4311. CIMMYT. G3-2206-1. Seeds bronze. Cultivated. Seed.
456743. ETS 4311. CIMMYT. G3-2206-2. Seeds bronze. Cultivated. Seed.
456744. ETS 4312. CIMMYT. G3-2207-1. Endosperm yellow. Cultivated. Seed.
456745. ETS 4312. CIMMYT. G3-2207-2. Endosperm yellow. Cultivated. Seed.
456746. ETS 4313. CIMMYT. G3-2208-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 456747. ETS 4313. CIMMYT. G3-2208-2. Seeds red. Cultivated. Seed.
- 456748. ETS 4313. CIMMYT. G3-2208-3. Seeds red. Cultivated. Seed.
- 456749. ETS 4314. CIMMYT. G3-2209-1. Cultivated. Seed.
- 456750. ETS 4314. CIMMYT. G3-2209-2. Cultivated. Seed.
- 456751. ETS 4315. CIMMYT. G3-2210-1. Seeds white. Cultivated. Seed.
- 456752. ETS 4315. CIMMYT. G3-2210-2. Seeds white. Cultivated. Seed.
- 456753. ETS 4316. CIMMYT. G3-2211. Seeds white. Cultivated. Seed.
- 456754. ETS 4317. CIMMYT. G3-2212-1. Seeds white. Cultivated. Seed.
- 456755. ETS 4317. CIMMYT. G3-2212-2. Seeds white. Cultivated. Seed.
- 456756. ETS 4319. CIMMYT. G3-2213-1. Seeds bronze. Cultivated. Seed.
- 456757. ETS 4319. CIMMYT. G3-2213-2. Seeds bronze. Cultivated. Seed.
- 456758. ETS 4320. CIMMYT. G3-2214-1. Seeds bronze. Cultivated. Seed.
- 456759. ETS 4320. CIMMYT. G3-2214-2. Seeds bronze. Cultivated. Seed.
- 456760. ETS 4321. CIMMYT. G3-2215-1. Endosperm yellow. Cultivated. Seed.
- 456761. ETS 4321. CIMMYT. G3-2215-2. Endosperm yellow. Cultivated. Seed.
- 456762. ETS 4322. CIMMYT. G3-2216-1. Seeds bronze. Cultivated. Seed.
- 456763. ETS 4322. CIMMYT. G3-2216-2. Seeds bronze. Cultivated. Seed.
- 456764. ETS 4323. CIMMYT. G3-2217-1. Endosperm yellow. Cultivated. Seed.
- 456765. ETS 4323. CIMMYT. G3-2217-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456766. ETS 4324. CIMMYT. G3-2218-1. Seeds white. Cultivated. Seed.
456767. ETS 4324. CIMMYT. G3-2218-2. Seeds white. Cultivated. Seed.
456768. ETS 4325. CIMMYT. G3-2219-1. Endosperm yellow. Cultivated. Seed.
456769. ETS 4325. CIMMYT. G3-2219-2. Endosperm yellow. Cultivated. Seed.
456770. ETS 4326. CIMMYT. G3-2220-1. Seeds bronze. Cultivated. Seed.
456771. ETS 4326. CIMMYT. G3-2220-2. Seeds bronze. Cultivated. Seed.
456772. ETS 4327. CIMMYT. G3-2221-1. Seeds bronze. Cultivated. Seed.
456773. ETS 4327. CIMMYT. G3-2221-2. Seeds bronze. Cultivated. Seed.
456774. ETS 4327. CIMMYT. G3-2221-3. Seeds bronze. Cultivated. Seed.
456775. ETS 4328. CIMMYT. G3-2222-1. Endosperm yellow. Cultivated. Seed.
456776. ETS 4328. CIMMYT. G3-2222-2. Endosperm yellow. Cultivated. Seed.
456777. ETS 4329. CIMMYT. G3-2223-1. Seeds red. Cultivated. Seed.
456778. ETS 4329. CIMMYT. G3-2223-2. Seeds red. Cultivated. Seed.
456779. ETS 4330. CIMMYT. G3-2224-1. Endosperm yellow. Cultivated. Seed.
456780. ETS 4330. CIMMYT. G3-2224-2. Endosperm yellow. Cultivated. Seed.
456781. ETS 4331-A. CIMMYT. G3-2225-1. Seeds bronze. Cultivated. Seed.
456782. ETS 4331-A. CIMMYT. G3-2225-2. Seeds bronze. Cultivated. Seed.
456783. ETS 4331-B. CIMMYT. G3-2226-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

456784. ETS 4331-B. CIMMYT. G3-2226-2. Seeds white. Cultivated. Seed.
456785. ETS 4332. CIMMYT. G3-2227-1. Endosperm yellow. Cultivated. Seed.
456786. ETS 4332. CIMMYT. G3-2227-2. Endosperm yellow. Cultivated. Seed.
456787. ETS 4333. CIMMYT. G3-2228-1. Seeds white. Cultivated. Seed.
456788. ETS 4333. CIMMYT. G3-2228-2. Seeds white. Cultivated. Seed.
456789. ETS 4334. CIMMYT. G3-2229-1. Seeds bronze. Cultivated. Seed.
456790. ETS 4334. CIMMYT. G3-2229-2. Seeds bronze. Cultivated. Seed.
456791. ETS 4335. CIMMYT. G3-2230-1. Seeds white. Cultivated. Seed.
456792. ETS 4335. CIMMYT. G3-2230-2. Seeds white. Cultivated. Seed.
456793. ETS 4336. CIMMYT. G3-2231-1. Seeds white. Cultivated. Seed.
456794. ETS 4336. CIMMYT. G3-2231-2. Seeds white. Cultivated. Seed.
456795. ETS 4337. CIMMYT. G3-2232-1. Endosperm yellow. Cultivated. Seed.
456796. ETS 4337. CIMMYT. G3-2232-2. Endosperm yellow. Cultivated. Seed.
456797. ETS 4338. CIMMYT. G3-2233-1. Seeds bronze. Cultivated. Seed.
456798. ETS 4338. CIMMYT. G3-2233-2. Seeds bronze. Cultivated. Seed.
456799. ETS 4339. CIMMYT. G3-2234-1. Seeds bronze. Cultivated. Seed.
456800. ETS 4339. CIMMYT. G3-2234-2. Seeds bronze. Cultivated. Seed.
456801. ETS 4339. CIMMYT. G3-2234-3. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

456802. ETS 4340. CIMMYT. G3-2235-1. Seeds bronze. Cultivated.
Seed.
456803. ETS 4340. CIMMYT. G3-2235-2. Seeds bronze. Cultivated.
Seed.
456804. ETS 4342. CIMMYT. G3-2236-1. Endosperm yellow.
Cultivated. Seed.
456805. ETS 4342. CIMMYT. G3-2236-2. Endosperm yellow.
Cultivated. Seed.
456806. ETS 4343. CIMMYT. G3-2237-1. Seeds bronze. Cultivated.
Seed.
456807. ETS 4343. CIMMYT. G3-2237-2. Seeds bronze. Cultivated.
Seed.
456808. ETS 4344. CIMMYT. G3-2238-1. Endosperm yellow.
Cultivated. Seed.
456809. ETS 4344. CIMMYT. G3-2238-2. Endosperm yellow.
Cultivated. Seed.
456810. ETS 4345. CIMMYT. G3-2239-1. Endosperm yellow.
Cultivated. Seed.
456811. ETS 4345. CIMMYT. G3-2239-2. Endosperm yellow.
Cultivated. Seed.
456812. ETS 4346. CIMMYT. G3-2240-1. Seeds white. Cultivated.
Seed.
456813. ETS 4346. CIMMYT. G3-2240-2. Seeds white. Cultivated.
Seed.
456814. ETS 4347. CIMMYT. G3-2241-1. Cultivated. Seed.
456815. ETS 4347. CIMMYT. G3-2241-2. Cultivated. Seed.
456816. ETS 4348. CIMMYT. G3-2242-1. Seeds bronze. Cultivated.
Seed.
456817. ETS 4348. CIMMYT. G3-2242-2. Seeds bronze. Cultivated.
Seed.
456818. ETS 4349. CIMMYT. G3-2243-1. Endosperm yellow.
Cultivated. Seed.
456819. ETS 4349. CIMMYT. G3-2243-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 456820. ETS 4351. CIMMYT. G3-2244-1. Cultivated. Seed.
- 456821. ETS 4351. CIMMYT. G3-2244-2. Cultivated. Seed.
- 456822. ETS 4352. CIMMYT. G3-2245-1. Seeds bronze. Cultivated. Seed.
- 456823. ETS 4352. CIMMYT. G3-2245-2. Seeds bronze. Cultivated. Seed.
- 456824. ETS 4353. CIMMYT. G3-2246-1. Seeds bronze. Cultivated. Seed.
- 456825. ETS 4353. CIMMYT. G3-2246-2. Seeds bronze. Cultivated. Seed.
- 456826. ETS 4354. CIMMYT. G3-2247-1. Seeds bronze. Cultivated. Seed.
- 456827. ETS 4354. CIMMYT. G3-2247-2. Seeds bronze. Cultivated. Seed.
- 456828. ETS 4355. CIMMYT. G3-2248-1. Seeds bronze. Cultivated. Seed.
- 456829. ETS 4355. CIMMYT. G3-2248-2. Seeds bronze. Cultivated. Seed.
- 456830. ETS 4356. CIMMYT. G3-2249-1. Seeds bronze. Cultivated. Seed.
- 456831. ETS 4356. CIMMYT. G3-2249-2. Seeds bronze. Cultivated. Seed.
- 456832. ETS 4357. CIMMYT. G3-2250-1. Seeds red. Cultivated. Seed.
- 456833. ETS 4357. CIMMYT. G3-2250-2. Seeds red. Cultivated. Seed.
- 456834. ETS 4358. CIMMYT. G3-2251-1. Seeds bronze. Cultivated. Seed.
- 456835. ETS 4358. CIMMYT. G3-2251-2. Seeds bronze. Cultivated. Seed.
- 456836. ETS 4358. CIMMYT. G3-2251-3. Seeds bronze. Cultivated. Seed.
- 456837. ETS 4358. CIMMYT. G3-2251-4. Seeds bronze. Cultivated. Seed.
- 456838. ETS 4359. CIMMYT. G3-2252-1. Cultivated. Seed.

452502 TO 457915-continued

- 456839. ETS 4359. CIMMYT. G3-2252-2. Cultivated. Seed.
- 456840. ETS 4360. CIMMYT. G3-2253-1. Endosperm yellow. Cultivated. Seed.
- 456841. ETS 4360. CIMMYT. G3-2253-2. Endosperm yellow. Cultivated. Seed.
- 456842. ETS 4361. CIMMYT. G3-2254-1. Seeds white. Cultivated. Seed.
- 456843. ETS 4361. CIMMYT. G3-2254-2. Seeds white. Cultivated. Seed.
- 456844. ETS 4362-A. CIMMYT. G3-2255-1. Seeds bronze. Cultivated. Seed.
- 456845. ETS 4362-A. CIMMYT. G3-2255-2. Seeds bronze. Cultivated. Seed.
- 456846. ETS 4362-A. CIMMYT. G3-2255-3. Seeds bronze. Cultivated. Seed.
- 456847. ETS 4362-B. CIMMYT. G3-2256-1. Seeds red. Cultivated. Seed.
- 456848. ETS 4362-B. CIMMYT. G3-2256-2. Seeds red. Cultivated. Seed.
- 456849. ETS 4363. CIMMYT. G3-2257-1. Endosperm yellow. Cultivated. Seed.
- 456850. ETS 4363. CIMMYT. G3-2257-2. Endosperm yellow. Cultivated. Seed.
- 456851. ETS 4364. CIMMYT. G3-2258-1. Seeds white. Cultivated. Seed.
- 456852. ETS 4364. CIMMYT. G3-2258-2. Seeds white. Cultivated. Seed.
- 456853. ETS 4365. CIMMYT. G3-2259-1. Seeds bronze. Cultivated. Seed.
- 456854. ETS 4365. CIMMYT. G3-2259-2. Seeds bronze. Cultivated. Seed.
- 456855. ETS 4366. CIMMYT. G3-2260-1. Seeds bronze. Cultivated. Seed.
- 456856. ETS 4366. CIMMYT. G3-2260-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 456857. ETS 4367. CIMMYT. G3-2261-1. Seeds bronze. Cultivated. Seed.
- 456858. ETS 4367. CIMMYT. G3-2261-2. Seeds bronze. Cultivated. Seed.
- 456859. ETS 4368. CIMMYT. G3-2262-1. Seeds bronze. Cultivated. Seed.
- 456860. ETS 4368. CIMMYT. G3-2262-2. Seeds bronze. Cultivated. Seed.
- 456861. ETS 4369. CIMMYT. G3-2263-1. Seeds bronze. Cultivated. Seed.
- 456862. ETS 4369. CIMMYT. G3-2263-2. Seeds bronze. Cultivated. Seed.
- 456863. ETS 4370. CIMMYT. G3-2264-1. Seeds white. Cultivated. Seed.
- 456864. ETS 4370. CIMMYT. G3-2264-2. Seeds white. Cultivated. Seed.
- 456865. ETS 4372. CIMMYT. G3-2266-1. Seeds white. Cultivated. Seed.
- 456866. ETS 4372. CIMMYT. G3-2266-2. Seeds white. Cultivated. Seed.
- 456867. ETS 4373. CIMMYT. G3-2267-1. Seeds red. Cultivated. Seed.
- 456868. ETS 4373. CIMMYT. G3-2267-2. Seeds red. Cultivated. Seed.
- 456869. ETS 4374-A. CIMMYT. G3-2268-1. Endosperm yellow. Cultivated. Seed.
- 456870. ETS 4374-A. CIMMYT. G3-2268-2. Endosperm yellow. Cultivated. Seed.
- 456871. ETS 4374-B. CIMMYT. G3-2269-1. Endosperm yellow. Cultivated. Seed.
- 456872. ETS 4374-B. CIMMYT. G3-2269-2. Endosperm yellow. Cultivated. Seed.
- 456873. ETS 4375. CIMMYT. G3-2270-1. Endosperm yellow. Cultivated. Seed.
- 456874. ETS 4375. CIMMYT. G3-2270-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456875. ETS 4376. CIMMYT. G3-2271-1. Seeds bronze. Cultivated. Seed.
456876. ETS 4376. CIMMYT. G3-2271-2. Seeds bronze. Cultivated. Seed.
456877. ETS 4377. CIMMYT. G3-2272-1. Seeds white. Cultivated. Seed.
456878. ETS 4377. CIMMYT. G3-2272-2. Seeds white. Cultivated. Seed.
456879. ETS 4377. CIMMYT. G3-2272-3. Seeds white. Cultivated. Seed.
456880. ETS 4378. CIMMYT. G3-2373-1. Endosperm yellow. Cultivated. Seed.
456881. ETS 4378. CIMMYT. G3-2373-2. Endosperm yellow. Cultivated. Seed.
456882. ETS 4378. CIMMYT. G3-2373-3. Endosperm yellow. Cultivated. Seed.
456883. ETS 4379. CIMMYT. G3-2274. Seeds white. Cultivated. Seed.
456884. ETS 4380. CIMMYT. G3-2275-1. Seeds white. Cultivated. Seed.
456885. ETS 4380. CIMMYT. G3-2275-2. Seeds white. Cultivated. Seed.
456886. ETS 4381. CIMMYT. G3-2276-1. Endosperm yellow. Cultivated. Seed.
456887. ETS 4381. CIMMYT. G3-2276-2. Endosperm yellow. Cultivated. Seed.
456888. ETS 4382. CIMMYT. G3-2277-1. Seeds white. Cultivated. Seed.
456889. ETS 4382. CIMMYT. G3-2277-2. Seeds white. Cultivated. Seed.
456890. ETS 4383. CIMMYT. G3-2278-1. Endosperm yellow. Cultivated. Seed.
456891. ETS 4383. CIMMYT. G3-2278-2. Endosperm yellow. Cultivated. Seed.
456892. ETS 4385. CIMMYT. G3-2280-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

456893. ETS 4385. CIMMYT. G3-2280-2. Seeds bronze. Cultivated. Seed.
456894. ETS 4386. CIMMYT. G3-2281-1. Endosperm yellow. Cultivated. Seed.
456895. ETS 4386. CIMMYT. G3-2281-2. Endosperm yellow. Cultivated. Seed.
456896. ETS 4387. CIMMYT. G3-2282. Seeds white. Cultivated. Seed.
456897. ETS 4388. CIMMYT. G3-2283-1. Seeds bronze. Cultivated. Seed.
456898. ETS 4388. CIMMYT. G3-2283-2. Seeds bronze. Cultivated. Seed.
456899. ETS 4390. CIMMYT. G3-2284-1. Endosperm yellow. Cultivated. Seed.
456900. ETS 4390. CIMMYT. G3-2284-2. Endosperm yellow. Cultivated. Seed.
456901. ETS 4391. CIMMYT. G3-2285-1. Endosperm yellow. Cultivated. Seed.
456902. ETS 4391. CIMMYT. G3-2285-2. Endosperm yellow. Cultivated. Seed.
456903. ETS 4392. CIMMYT. G3-2286-1. Seeds bronze. Cultivated. Seed.
456904. ETS 4392. CIMMYT. G3-2286-2. Seeds bronze. Cultivated. Seed.
456905. ETS 4393. CIMMYT. G3-2287-1. Seeds white. Cultivated. Seed.
456906. ETS 4393. CIMMYT. G3-2287-2. Seeds white. Cultivated. Seed.
456907. ETS 4396. CIMMYT. G3-2289-1. Endosperm yellow. Cultivated. Seed.
456908. ETS 4396. CIMMYT. G3-2289-2. Endosperm yellow. Cultivated. Seed.
456909. ETS 4397. CIMMYT. G3-2290-1. Seeds white. Cultivated. Seed.
456910. ETS 4397. CIMMYT. G3-2290-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

456911. ETS 4398. CIMMYT. G3-2291-1. Seeds bronze. Cultivated. Seed.
456912. ETS 4398. CIMMYT. G3-2291-2. Seeds bronze. Cultivated. Seed.
456913. ETS 4399. CIMMYT. G3-2292-1. Seeds white. Cultivated. Seed.
456914. ETS 4399. CIMMYT. G3-2292-2. Seeds white. Cultivated. Seed.
456915. ETS 4400. CIMMYT. G3-2293. Endosperm yellow. Cultivated. Seed.
456916. ETS 4401. CIMMYT. G3-2294-1. Endosperm yellow. Cultivated. Seed.
456917. ETS 4401. CIMMYT. G3-2294-2. Endosperm yellow. Cultivated. Seed.
456918. ETS 4403. CIMMYT. G3-2296-1. Endosperm yellow. Cultivated. Seed.
456919. ETS 4403. CIMMYT. G3-2296-2. Endosperm yellow. Cultivated. Seed.
456920. ETS 4403. CIMMYT. G3-2296-3. Endosperm yellow. Cultivated. Seed.
456921. ETS 4404. CIMMYT. G3-2297-1. Seeds bronze. Cultivated. Seed.
456922. ETS 4404. CIMMYT. G3-2297-2. Seeds bronze. Cultivated. Seed.
456923. ETS 4405. CIMMYT. G3-2298-1. Seeds bronze. Cultivated. Seed.
456924. ETS 4405. CIMMYT. G3-2298-2. Seeds bronze. Cultivated. Seed.
456925. ETS 4406. CIMMYT. G3-2299-1. Seeds bronze. Cultivated. Seed.
456926. ETS 4406. CIMMYT. G3-2299-2. Seeds bronze. Cultivated. Seed.
456927. ETS 4407. CIMMYT. G3-2300-1. Seeds red. Cultivated. Seed.
456928. ETS 4407. CIMMYT. G3-2300-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 456929. ETS 4408. CIMMYT. G3-2301-1. Seeds bronze. Cultivated. Seed.
- 456930. ETS 4408. CIMMYT. G3-2301-2. Seeds bronze. Cultivated. Seed.
- 456931. ETS 4410. CIMMYT. G3-2302-1. Endosperm yellow. Cultivated. Seed.
- 456932. ETS 4410. CIMMYT. G3-2302-2. Endosperm yellow. Cultivated. Seed.
- 456933. ETS 4411. CIMMYT. G3-2303-1. Seeds bronze. Cultivated. Seed.
- 456934. ETS 4411. CIMMYT. G3-2303-2. Seeds bronze. Cultivated. Seed.
- 456935. ETS 4412. CIMMYT. G3-2304-1. Seeds bronze. Cultivated. Seed.
- 456936. ETS 4412. CIMMYT. G3-2304-2. Seeds bronze. Cultivated. Seed.
- 456937. ETS 4413. CIMMYT. G3-2305-1. Seeds white. Cultivated. Seed.
- 456938. ETS 4413. CIMMYT. G3-2305-2. Seeds white. Cultivated. Seed.
- 456939. ETS 4413. CIMMYT. G3-2305-3. Seeds white. Cultivated. Seed.
- 456940. ETS 4414. CIMMYT. G3-2306-1. Endosperm yellow. Cultivated. Seed.
- 456941. ETS 4414. CIMMYT. G3-2306-2. Endosperm yellow. Cultivated. Seed.
- 456942. ETS 4415. CIMMYT. G3-2307-1. Endosperm yellow. Cultivated. Seed.
- 456943. ETS 4415. CIMMYT. G3-2307-2. Endosperm yellow. Cultivated. Seed.
- 456944. ETS 4416. CIMMYT. G3-2308-1. Cultivated. Seed.
- 456945. ETS 4416. CIMMYT. G3-2308-2. Cultivated. Seed.
- 456946. ETS 4417. CIMMYT. G3-2309-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

456947. ETS 4417. CIMMYT. G3-2309-2. Endosperm yellow.
Cultivated. Seed.
456948. ETS 4417. CIMMYT. G3-2309-3. Endosperm yellow.
Cultivated. Seed.
456949. ETS 4418. CIMMYT. G3-2310-1. Cultivated. Seed.
456950. ETS 4418. CIMMYT. G3-2310-2. Cultivated. Seed.
456951. ETS 4419. CIMMYT. G3-2311-1. Seeds bronze. Cultivated.
Seed.
456952. ETS 4419. CIMMYT. G3-2311-2. Seeds bronze. Cultivated.
Seed.
456953. ETS 4420. CIMMYT. G3-2312-1. Seeds red. Cultivated. Seed.
456954. ETS 4420. CIMMYT. G3-2312-2. Seeds red. Cultivated. Seed.
456955. ETS 4421. CIMMYT. G3-2313-1. Seeds red. Cultivated. Seed.
456956. ETS 4421. CIMMYT. G3-2313-2. Seeds red. Cultivated. Seed.
456957. ETS 4422. CIMMYT. G3-2314-1. Endosperm yellow.
Cultivated. Seed.
456958. ETS 4422. CIMMYT. G3-2314-2. Endosperm yellow.
Cultivated. Seed.
456959. ETS 4423. CIMMYT. G3-2315-1. Seeds white. Cultivated.
Seed.
456960. ETS 4423. CIMMYT. G3-2315-2. Seeds white. Cultivated.
Seed.
456961. ETS 4425-A. CIMMYT. G3-2316-1. Seeds bronze. Cultivated.
Seed.
456962. ETS 4425-A. CIMMYT. G3-2316-2. Seeds bronze. Cultivated.
Seed.
456963. ETS 4425-B. CIMMYT. G3-2317-1. Seeds white. Cultivated.
Seed.
456964. ETS 4425-B. CIMMYT. G3-2317-2. Seeds white. Cultivated.
Seed.
456965. ETS 4425-B. CIMMYT. G3-2317-3. Seeds white. Cultivated.
Seed.
456966. ETS 4426. CIMMYT. G3-2318-1. Endosperm yellow.

452502 TO 457915-continued

Cultivated. Seed.

- 456967. ETS 4426. CIMMYT. G3-2318-2. Endosperm yellow. Cultivated. Seed.
- 456968. ETS 4426. CIMMYT. G3-2318-3. Endosperm yellow. Cultivated. Seed.
- 456969. ETS 4427. CIMMYT. G3-2319-1. Seeds red. Cultivated. Seed.
- 456970. ETS 4427. CIMMYT. G3-2319-2. Seeds red. Cultivated. Seed.
- 456971. ETS 4428. CIMMYT. G3-2320-1. Seeds red. Cultivated. Seed.
- 456972. ETS 4428. CIMMYT. G3-2320-2. Seeds red. Cultivated. Seed.
- 456973. ETS 4429. CIMMYT. G3-2321. Endosperm yellow. Cultivated. Seed.
- 456974. ETS 4430. CIMMYT. G3-2322-1. Cultivated. Seed.
- 456975. ETS 4430. CIMMYT. G3-2322-2. Cultivated. Seed.
- 456976. ETS 4431. CIMMYT. G3-2323-1. Seeds bronze. Cultivated. Seed.
- 456977. ETS 4431. CIMMYT. G3-2323-2. Seeds bronze. Cultivated. Seed.
- 456978. ETS 4432. CIMMYT. G3-2324-1. Seeds white. Cultivated. Seed.
- 456979. ETS 4432. CIMMYT. G3-2324-2. Seeds white. Cultivated. Seed.
- 456980. ETS 4436. CIMMYT. G3-2326-1. Seeds bronze. Cultivated. Seed.
- 456981. ETS 4436. CIMMYT. G3-2326-2. Seeds bronze. Cultivated. Seed.
- 456982. ETS 4437. CIMMYT. G3-2327-1. Seeds white. Cultivated. Seed.
- 456983. ETS 4437. CIMMYT. G3-2327-2. Seeds white. Cultivated. Seed.
- 456984. ETS 4439. CIMMYT. G3-2329-1. Cultivated. Seed.
- 456985. ETS 4439. CIMMYT. G3-2329-2. Cultivated. Seed.
- 456986. ETS 4440. CIMMYT. G3-2330-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

456987. ETS 4440. CIMMYT. G3-2330-2. Seeds bronze. Cultivated. Seed.
456988. ETS 4441. CIMMYT. G3-2331-1. Endosperm yellow. Cultivated. Seed.
456989. ETS 4441. CIMMYT. G3-2331-2. Endosperm yellow. Cultivated. Seed.
456990. ETS 4442. CIMMYT. G3-2332-1. Endosperm yellow. Cultivated. Seed.
456991. ETS 4442. CIMMYT. G3-2332-2. Endosperm yellow. Cultivated. Seed.
456992. ETS 4443. CIMMYT. G3-2333-1. Seeds bronze. Cultivated. Seed.
456993. ETS 4443. CIMMYT. G3-2333-2. Seeds bronze. Cultivated. Seed.
456994. ETS 4444. CIMMYT. G3-2334-1. Endosperm yellow. Cultivated. Seed.
456995. ETS 4444. CIMMYT. G3-2334-2. Endosperm yellow. Cultivated. Seed.
456996. ETS 4445. CIMMYT. G3-2335-1. Seeds bronze. Cultivated. Seed.
456997. ETS 4445. CIMMYT. G3-2335-2. Seeds bronze. Cultivated. Seed.
456998. ETS 4445. CIMMYT. G3-2335-3. Seeds bronze. Cultivated. Seed.
456999. ETS 4448. CIMMYT. G3-2337-1. Endosperm yellow. Cultivated. Seed.
457000. ETS 4448. CIMMYT. G3-2337-2. Endosperm yellow. Cultivated. Seed.
457001. ETS 4449. CIMMYT. G3-2338-1. Seeds bronze. Cultivated. Seed.
457002. ETS 4449. CIMMYT. G3-2338-2. Seeds bronze. Cultivated. Seed.
457003. ETS 4449. CIMMYT. G3-2338-3. Seeds bronze. Cultivated. Seed.
457004. ETS 4450. CIMMYT. G3-2339-1. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
457005. ETS 4450. CIMMYT. G3-2339-2. Endosperm yellow.
Cultivated. Seed.
457006. ETS 4451. CIMMYT. G3-2340-1. Seeds bronze. Cultivated.
Seed.
457007. ETS 4451. CIMMYT. G3-2340-2. Seeds bronze. Cultivated.
Seed.
457008. ETS 4452. CIMMYT. G3-2341-1. Seeds bronze. Cultivated.
Seed.
457009. ETS 4452. CIMMYT. G3-2341-2. Seeds bronze. Cultivated.
Seed.
457010. ETS 4454. CIMMYT. G3-2342-1. Seeds white. Cultivated.
Seed.
457011. ETS 4454. CIMMYT. G3-2342-2. Seeds white. Cultivated.
Seed.
457012. ETS 4455. CIMMYT. G3-2343-1. Seeds white. Cultivated.
Seed.
457013. ETS 4455. CIMMYT. G3-2343-2. Seeds white. Cultivated.
Seed.
457014. ETS 4456. CIMMYT. G3-2344-1. Seeds bronze. Cultivated.
Seed.
457015. ETS 4456. CIMMYT. G3-2344-2. Seeds bronze. Cultivated.
Seed.
457016. ETS 4458. CIMMYT. G3-2345-1. Endosperm yellow.
Cultivated. Seed.
457017. ETS 4458. CIMMYT. G3-2345-2. Endosperm yellow.
Cultivated. Seed.
457018. ETS 4458. CIMMYT. G3-2345-3. Endosperm yellow.
Cultivated. Seed.
457019. ETS 4459. CIMMYT. G3-2346-1. Seeds bronze. Cultivated.
Seed.
457020. ETS 4459. CIMMYT. G3-2346-2. Seeds bronze. Cultivated.
Seed.
457021. ETS 4460. CIMMYT. G3-2347-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 457022. ETS 4460. CIMMYT. G3-2347-2. Endosperm yellow. Cultivated. Seed.
- 457023. ETS 4460. CIMMYT. G3-2347-3. Endosperm yellow. Cultivated. Seed.
- 457024. ETS 4461. CIMMYT. G3-2348-1. Endosperm yellow. Cultivated. Seed.
- 457025. ETS 4461. CIMMYT. G3-2348-2. Endosperm yellow. Cultivated. Seed.
- 457026. ETS 4462. CIMMYT. G3-2349-1. Seeds white. Cultivated. Seed.
- 457027. ETS 4462. CIMMYT. G3-2349-2. Seeds white. Cultivated. Seed.
- 457028. ETS 4463. CIMMYT. G3-2350-1. Seeds bronze. Cultivated. Seed.
- 457029. ETS 4463. CIMMYT. G3-2350-2. Seeds bronze. Cultivated. Seed.
- 457030. ETS 4464. CIMMYT. G3-2351-1. Endosperm yellow. Cultivated. Seed.
- 457031. ETS 4464. CIMMYT. G3-2351-2. Endosperm yellow. Cultivated. Seed.
- 457032. ETS 4465. CIMMYT. G3-2352-1. Endosperm yellow. Cultivated. Seed.
- 457033. ETS 4465. CIMMYT. G3-2352-2. Endosperm yellow. Cultivated. Seed.
- 457034. ETS 4466. CIMMYT. G3-2353-1. Seeds white. Cultivated. Seed.
- 457035. ETS 4466. CIMMYT. G3-2353-2. Seeds white. Cultivated. Seed.
- 457036. ETS 4467. CIMMYT. G3-2354-1. Seeds white. Cultivated. Seed.
- 457037. ETS 4467. CIMMYT. G3-2354-2. Seeds white. Cultivated. Seed.
- 457038. ETS 4468. CIMMYT. G3-2355-1. Endosperm yellow. Cultivated. Seed.
- 457039. ETS 4468. CIMMYT. G3-2355-2. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
457040. ETS 4469. CIMMYT. G3-2356-1. Seeds bronze. Cultivated. Seed.
457041. ETS 4469. CIMMYT. G3-2356-2. Seeds bronze. Cultivated. Seed.
457042. ETS 4470. CIMMYT. G3-2357-1. Seeds bronze. Cultivated. Seed.
457043. ETS 4470. CIMMYT. G3-2357-2. Seeds bronze. Cultivated. Seed.
457044. ETS 4471. CIMMYT. G3-2358-1. Endosperm yellow. Cultivated. Seed.
457045. ETS 4471. CIMMYT. G3-2358-2. Endosperm yellow. Cultivated. Seed.
457046. ETS 4471. CIMMYT. G3-2358-3. Endosperm yellow. Cultivated. Seed.
457047. ETS 4472. CIMMYT. G3-2359-1. Seeds white. Cultivated. Seed.
457048. ETS 4472. CIMMYT. G3-2359-2. Seeds white. Cultivated. Seed.
457049. ETS 4472. CIMMYT. G3-2359-3. Seeds white. Cultivated. Seed.
457050. ETS 4473. CIMMYT. G3-2360-1. Seeds red. Cultivated. Seed.
457051. ETS 4473. CIMMYT. G3-2360-2. Seeds red. Cultivated. Seed.
457052. ETS 4474. CIMMYT. G3-2361-1. Seeds bronze. Cultivated. Seed.
457053. ETS 4474. CIMMYT. G3-2361-2. Seeds bronze. Cultivated. Seed.
457054. ETS 4474. CIMMYT. G3-2361-3. Seeds bronze. Cultivated. Seed.
457055. ETS 4477. CIMMYT. G3-2362-1. Seeds red. Cultivated. Seed.
457056. ETS 4477. CIMMYT. G3-2362-2. Seeds red. Cultivated. Seed.
457057. ETS 4478. CIMMYT. G3-2363-1. Seeds red. Cultivated. Seed.
457058. ETS 4478. CIMMYT. G3-2363-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

457059. ETS 4479. CIMMYT. G3-2364-1. Endosperm yellow. Cultivated. Seed.
457060. ETS 4479. CIMMYT. G3-2364-2. Endosperm yellow. Cultivated. Seed.
457061. ETS 4479. CIMMYT. G3-2364-3. Endosperm yellow. Cultivated. Seed.
457062. ETS 4480. CIMMYT. G3-2365-1. Seeds white. Cultivated. Seed.
457063. ETS 4480. CIMMYT. G3-2365-2. Seeds white. Cultivated. Seed.
457064. ETS 4481. CIMMYT. G3-2366-1. Seeds red. Cultivated. Seed.
457065. ETS 4481. CIMMYT. G3-2366-2. Seeds red. Cultivated. Seed.
457066. ETS 4482. CIMMYT. G3-2367-1. Seeds red. Cultivated. Seed.
457067. ETS 4482. CIMMYT. G3-2367-2. Seeds red. Cultivated. Seed.
457068. ETS 4483. CIMMYT. G3-2368-1. Seeds white. Cultivated. Seed.
457069. ETS 4483. CIMMYT. G3-2368-2. Seeds white. Cultivated. Seed.
457070. ETS 4483. CIMMYT. G3-2368-3. Seeds white. Cultivated. Seed.
457071. ETS 4484. CIMMYT. G3-2369-1. Seeds white. Cultivated. Seed.
457072. ETS 4484. CIMMYT. G3-2369-2. Seeds white. Cultivated. Seed.
457073. ETS 4485. CIMMYT. G3-2370-1. Endosperm yellow. Cultivated. Seed.
457074. ETS 4485. CIMMYT. G3-2370-2. Endosperm yellow. Cultivated. Seed.
457075. ETS 4487. CIMMYT. G3-2372-1. Endosperm yellow. Cultivated. Seed.
457076. ETS 4487. CIMMYT. G3-2372-2. Endosperm yellow. Cultivated. Seed.
457077. ETS 4487. CIMMYT. G3-2372-3. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 457078. ETS 4490. CIMMYT. G3-2374. Seeds white. Cultivated. Seed.
- 457079. ETS 4491. CIMMYT. G3-2375-1. Seeds white. Cultivated. Seed.
- 457080. ETS 4491. CIMMYT. G3-2375-2. Seeds white. Cultivated. Seed.
- 457081. ETS 4492. CIMMYT. G3-2376-1. Cultivated. Seed.
- 457082. ETS 4492. CIMMYT. G3-2376-2. Cultivated. Seed.
- 457083. ETS 4493. CIMMYT. G3-2377-1. Seeds white. Cultivated. Seed.
- 457084. ETS 4493. CIMMYT. G3-2377-2. Seeds white. Cultivated. Seed.
- 457085. ETS 4494. CIMMYT. G3-2378-1. Endosperm yellow. Cultivated. Seed.
- 457086. ETS 4494. CIMMYT. G3-2378-2. Endosperm yellow. Cultivated. Seed.
- 457087. ETS 4495. CIMMYT. G3-2379-1. Seeds bronze. Cultivated. Seed.
- 457088. ETS 4495. CIMMYT. G3-2379-2. Seeds bronze. Cultivated. Seed.
- 457089. ETS 4496. CIMMYT. G3-2380-1. Seeds bronze. Cultivated. Seed.
- 457090. ETS 4496. CIMMYT. G3-2380-2. Seeds bronze. Cultivated. Seed.
- 457091. ETS 4498. CIMMYT. G3-2382-1. Seeds white. Cultivated. Seed.
- 457092. ETS 4498. CIMMYT. G3-2382-2. Seeds white. Cultivated. Seed.
- 457093. ETS 4499. CIMMYT. G3-2383-1. Endosperm yellow. Cultivated. Seed.
- 457094. ETS 4499. CIMMYT. G3-2383-2. Endosperm yellow. Cultivated. Seed.
- 457095. ETS 4500. CIMMYT. G3-2384-1. Seeds bronze. Cultivated. Seed.
- 457096. ETS 4500. CIMMYT. G3-2384-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 457097. ETS 4502. CIMMYT. G3-2386-1. Seeds white. Cultivated. Seed.
- 457098. ETS 4502. CIMMYT. G3-2386-2. Seeds white. Cultivated. Seed.
- 457099. ETS 4502. CIMMYT. G3-2386-3. Seeds white. Cultivated. Seed.
- 457100. ETS 4503. CIMMYT. G3-2387-1. Seeds red. Cultivated. Seed.
- 457101. ETS 4503. CIMMYT. G3-2387-2. Seeds red. Cultivated. Seed.
- 457102. ETS 4505. CIMMYT. G3-2389-1. Endosperm yellow. Cultivated. Seed.
- 457103. ETS 4505. CIMMYT. G3-2389-2. Endosperm yellow. Cultivated. Seed.
- 457104. ETS 4506. CIMMYT. G3-2390-1. Endosperm yellow. Cultivated. Seed.
- 457105. ETS 4506. CIMMYT. G3-2390-2. Endosperm yellow. Cultivated. Seed.
- 457106. ETS 4507. CIMMYT. G3-2391-1. Seeds bronze. Cultivated. Seed.
- 457107. ETS 4507. CIMMYT. G3-2391-2. Seeds bronze. Cultivated. Seed.
- 457108. ETS 4508. CIMMYT. G3-2392-1. Endosperm yellow. Cultivated. Seed.
- 457109. ETS 4508. CIMMYT. G3-2392-2. Endosperm yellow. Cultivated. Seed.
- 457110. ETS 4509. CIMMYT. G3-2393-1. Endosperm yellow. Cultivated. Seed.
- 457111. ETS 4509. CIMMYT. G3-2393-2. Endosperm yellow. Cultivated. Seed.
- 457112. ETS 4510. CIMMYT. G3-2394-1. Seeds white. Cultivated. Seed.
- 457113. ETS 4510. CIMMYT. G3-2394-2. Seeds white. Cultivated. Seed.
- 457114. ETS 4513. CIMMYT. G3-2396-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 457115. ETS 4513. CIMMYT. G3-2396-2. Seeds bronze. Cultivated. Seed.
- 457116. ETS 4514. CIMMYT. G3-2397-1. Seeds bronze. Cultivated. Seed.
- 457117. ETS 4514. CIMMYT. G3-2397-2. Seeds bronze. Cultivated. Seed.
- 457118. ETS 4514. CIMMYT. G3-2397-3. Seeds bronze. Cultivated. Seed.
- 457119. ETS 4514. CIMMYT. G3-2397-4. Seeds bronze. Cultivated. Seed.
- 457120. ETS 4515. CIMMYT. G3-2398-1. Seeds bronze. Cultivated. Seed.
- 457121. ETS 4515. CIMMYT. G3-2398-2. Seeds bronze. Cultivated. Seed.
- 457122. ETS 4517. CIMMYT. G3-2400-1. Seeds white. Cultivated. Seed.
- 457123. ETS 4517. CIMMYT. G3-2400-2. Seeds white. Cultivated. Seed.
- 457124. ETS 4518. CIMMYT. G3-2401-1. Seeds bronze. Cultivated. Seed.
- 457125. ETS 4518. CIMMYT. G3-2401-2. Seeds bronze. Cultivated. Seed.
- 457126. ETS 4519. CIMMYT. G3-2402-1. Seeds bronze. Cultivated. Seed.
- 457127. ETS 4519. CIMMYT. G3-2402-2. Seeds bronze. Cultivated. Seed.
- 457128. ETS 4520. CIMMYT. G3-2403-1. Seeds bronze. Cultivated. Seed.
- 457129. ETS 4520. CIMMYT. G3-2403-2. Seeds bronze. Cultivated. Seed.
- 457130. ETS 4521. CIMMYT. G3-2404-1. Seeds white. Cultivated. Seed.
- 457131. ETS 4521. CIMMYT. G3-2404-2. Seeds white. Cultivated. Seed.
- 457132. ETS 4522. CIMMYT. G3-2405-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 457133. ETS 4522. CIMMYT. G3-2405-2. Seeds red. Cultivated. Seed.
- 457134. ETS 4523. CIMMYT. G3-2406-1. Endosperm yellow. Cultivated. Seed.
- 457135. ETS 4523. CIMMYT. G3-2406-2. Endosperm yellow. Cultivated. Seed.
- 457136. ETS 4525. CIMMYT. G3-2407-1. Seeds white. Cultivated. Seed.
- 457137. ETS 4525. CIMMYT. G3-2407-2. Seeds white. Cultivated. Seed.
- 457138. ETS 4526. CIMMYT. G3-2408-1. Seeds bronze. Cultivated. Seed.
- 457139. ETS 4526. CIMMYT. G3-2408-2. Seeds bronze. Cultivated. Seed.
- 457140. ETS 4527. CIMMYT. G3-2409-1. Endosperm yellow. Cultivated. Seed.
- 457141. ETS 4527. CIMMYT. G3-2409-2. Endosperm yellow. Cultivated. Seed.
- 457142. ETS 4528. CIMMYT. G3-2410-1. Seeds bronze. Cultivated. Seed.
- 457143. ETS 4528. CIMMYT. G3-2410-2. Seeds bronze. Cultivated. Seed.
- 457144. ETS 4529. CIMMYT. G3-2411-1. Endosperm yellow. Cultivated. Seed.
- 457145. ETS 4529. CIMMYT. G3-2411-2. Endosperm yellow. Cultivated. Seed.
- 457146. ETS 4530. CIMMYT. G3-2412-1. Endosperm yellow. Cultivated. Seed.
- 457147. ETS 4530. CIMMYT. G3-2412-2. Endosperm yellow. Cultivated. Seed.
- 457148. ETS 4531. CIMMYT. G3-2413-1. Seeds white. Cultivated. Seed.
- 457149. ETS 4531. CIMMYT. G3-2413-2. Seeds white. Cultivated. Seed.
- 457150. ETS 4531. CIMMYT. G3-2413-3. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 457151. ETS 4532. CIMMYT. G3-2414-1. Seeds bronze. Cultivated. Seed.
- 457152. ETS 4532. CIMMYT. G3-2414-2. Seeds bronze. Cultivated. Seed.
- 457153. ETS 4533. CIMMYT. G3-2415-1. Endosperm yellow. Cultivated. Seed.
- 457154. ETS 4533. CIMMYT. G3-2415-2. Endosperm yellow. Cultivated. Seed.
- 457155. ETS 4535. CIMMYT. G3-2417-1. Seeds red. Cultivated. Seed.
- 457156. ETS 4535. CIMMYT. G3-2417-2. Seeds red. Cultivated. Seed.
- 457157. ETS 4536. CIMMYT. G3-2418-1. Endosperm yellow. Cultivated. Seed.
- 457158. ETS 4536. CIMMYT. G3-2418-2. Endosperm yellow. Cultivated. Seed.
- 457159. ETS 4537. CIMMYT. G3-2419-1. Endosperm yellow. Cultivated. Seed.
- 457160. ETS 4537. CIMMYT. G3-2419-2. Endosperm yellow. Cultivated. Seed.
- 457161. ETS 4538. CIMMYT. G3-2420-1. Seeds red. Cultivated. Seed.
- 457162. ETS 4538. CIMMYT. G3-2420-2. Seeds red. Cultivated. Seed.
- 457163. ETS 4539. CIMMYT. G3-2421-1. Endosperm yellow. Cultivated. Seed.
- 457164. ETS 4539. CIMMYT. G3-2421-2. Endosperm yellow. Cultivated. Seed.
- 457165. ETS 4540. CIMMYT. G3-2422-1. Seeds bronze. Cultivated. Seed.
- 457166. ETS 4540. CIMMYT. G3-2422-2. Seeds bronze. Cultivated. Seed.
- 457167. ETS 4541. CIMMYT. G3-2423-1. Endosperm yellow. Cultivated. Seed.
- 457168. ETS 4541. CIMMYT. G3-2423-2. Endosperm yellow. Cultivated. Seed.
- 457169. ETS 4542. CIMMYT. G3-2424-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 457170. ETS 4542. CIMMYT. G3-2424-2. Endosperm yellow. Cultivated. Seed.
- 457171. ETS 4542. CIMMYT. G3-2424-3. Endosperm yellow. Cultivated. Seed.
- 457172. ETS 4543. CIMMYT. G3-2425. Seeds bronze. Cultivated. Seed.
- 457173. ETS 4545. CIMMYT. G3-2426-1. Seeds white. Cultivated. Seed.
- 457174. ETS 4545. CIMMYT. G3-2426-2. Seeds white. Cultivated. Seed.
- 457175. ETS 4546. CIMMYT. G3-2427-1. Seeds white. Cultivated. Seed.
- 457176. ETS 4546. CIMMYT. G3-2427-2. Seeds white. Cultivated. Seed.
- 457177. ETS 4546. CIMMYT. G3-2427-3. Seeds white. Cultivated. Seed.
- 457178. ETS 4547-A. CIMMYT. G3-2428-1. Endosperm yellow. Cultivated. Seed.
- 457179. ETS 4547-A. CIMMYT. G3-2428-2. Endosperm yellow. Cultivated. Seed.
- 457180. ETS 4547-A. CIMMYT. G3-2428-3. Endosperm yellow. Cultivated. Seed.
- 457181. ETS 4547-B. CIMMYT. G3-2429-1. Endosperm yellow. Cultivated. Seed.
- 457182. ETS 4547-B. CIMMYT. G3-2429-2. Endosperm yellow. Cultivated. Seed.
- 457183. ETS 4548. CIMMYT. G3-2430-1. Seeds bronze. Cultivated. Seed.
- 457184. ETS 4548. CIMMYT. G3-2430-2. Seeds bronze. Cultivated. Seed.
- 457185. ETS 4549. CIMMYT. G3-2431-1. Seeds red. Cultivated. Seed.
- 457186. ETS 4549. CIMMYT. G3-2431-2. Seeds red. Cultivated. Seed.
- 457187. ETS 4550. CIMMYT. G3-2432-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

- 457188. ETS 4550. CIMMYT. G3-2432-2. Seeds white. Cultivated. Seed.
- 457189. ETS 4551. CIMMYT. G3-2433-1. Seeds white. Cultivated. Seed.
- 457190. ETS 4551. CIMMYT. G3-2433-2. Seeds white. Cultivated. Seed.
- 457191. ETS 4553. CIMMYT. G3-2435-1. Seeds bronze. Cultivated. Seed.
- 457192. ETS 4553. CIMMYT. G3-2435-2. Seeds bronze. Cultivated. Seed.
- 457193. ETS 4554. CIMMYT. G3-2436-1. Seeds bronze. Cultivated. Seed.
- 457194. ETS 4554. CIMMYT. G3-2436-2. Seeds bronze. Cultivated. Seed.
- 457195. ETS 4555. CIMMYT. G3-2437-1. Endosperm yellow. Cultivated. Seed.
- 457196. ETS 4555. CIMMYT. G3-2437-2. Endosperm yellow. Cultivated. Seed.
- 457197. ETS 4556. CIMMYT. G3-2438-1. Seeds white. Cultivated. Seed.
- 457198. ETS 4556. CIMMYT. G3-2438-2. Seeds white. Cultivated. Seed.
- 457199. ETS 4557. CIMMYT. G3-2439-1. Seeds red. Cultivated. Seed.
- 457200. ETS 4557. CIMMYT. G3-2439-2. Seeds red. Cultivated. Seed.
- 457201. ETS 4559. CIMMYT. G3-2441-1. Cultivated. Seed.
- 457202. ETS 4559. CIMMYT. G3-2441-2. Cultivated. Seed.
- 457203. ETS 4560. CIMMYT. G3-2442-1. Seeds bronze. Cultivated. Seed.
- 457204. ETS 4560. CIMMYT. G3-2442-2. Seeds bronze. Cultivated. Seed.
- 457205. ETS 4561. CIMMYT. G3-2443-1. Seeds white. Cultivated. Seed.
- 457206. ETS 4561. CIMMYT. G3-2443-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

457207. ETS 4562. CIMMYT. G3-2444-1. Seeds gray. Cultivated. Seed.
457208. ETS 4562. CIMMYT. G3-2444-2. Seeds gray. Cultivated. Seed.
457209. ETS 4563. CIMMYT. G3-2445-1. Seeds red. Cultivated. Seed.
457210. ETS 4563. CIMMYT. G3-2445-2. Seeds red. Cultivated. Seed.
457211. ETS 4564-A. CIMMYT. G3-2446-1. Seeds white. Cultivated. Seed.
457212. ETS 4564-A. CIMMYT. G3-2446-2. Seeds white. Cultivated. Seed.
457213. ETS 4564-B. CIMMYT. G3-2447-1. Seeds white. Cultivated. Seed.
457214. ETS 4564-B. CIMMYT. G3-2447-2. Seeds white. Cultivated. Seed.
457215. ETS 4565. CIMMYT. G3-2448-1. Seeds red. Cultivated. Seed.
457216. ETS 4565. CIMMYT. G3-2448-2. Seeds red. Cultivated. Seed.
457217. ETS 4566. CIMMYT. G3-2449-1. Seeds white. Cultivated. Seed.
457218. ETS 4566. CIMMYT. G3-2449-2. Seeds white. Cultivated. Seed.
457219. ETS 4567-A. CIMMYT. G3-2450-1. Seeds white. Cultivated. Seed.
457220. ETS 4567-A. CIMMYT. G3-2450-2. Seeds white. Cultivated. Seed.
457221. ETS 4567-B. CIMMYT. G3-2451-1. Seeds white. Cultivated. Seed.
457222. ETS 4567-B. CIMMYT. G3-2451-2. Seeds white. Cultivated. Seed.
457223. ETS 4567-B. CIMMYT. G3-2451-3. Seeds white. Cultivated. Seed.
457224. ETS 4570. CIMMYT. G3-2454-1. Seeds bronze. Cultivated. Seed.
457225. ETS 4570. CIMMYT. G3-2454-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 457226. ETS 4572. CIMMYT. G3-2455-1. Seeds bronze. Cultivated. Seed.
- 457227. ETS 4572. CIMMYT. G3-2455-2. Seeds bronze. Cultivated. Seed.
- 457228. ETS 4573. CIMMYT. G3-2456-1. Endosperm yellow. Cultivated. Seed.
- 457229. ETS 4573. CIMMYT. G3-2456-2. Endosperm yellow. Cultivated. Seed.
- 457230. ETS 4574. CIMMYT. G3-2457. Endosperm yellow. Cultivated. Seed.
- 457231. ETS 4575. CIMMYT. G3-2458-1. Endosperm yellow. Cultivated. Seed.
- 457232. ETS 4575. CIMMYT. G3-2458-2. Endosperm yellow. Cultivated. Seed.
- 457233. ETS 4576. CIMMYT. G3-2459-1. Seeds white. Cultivated. Seed.
- 457234. ETS 4576. CIMMYT. G3-2459-2. Seeds white. Cultivated. Seed.
- 457235. ETS 4577. CIMMYT. G3-2460-1. Endosperm yellow. Cultivated. Seed.
- 457236. ETS 4577. CIMMYT. G3-2460-2. Endosperm yellow. Cultivated. Seed.
- 457237. ETS 4577. CIMMYT. G3-2460-3. Endosperm yellow. Cultivated. Seed.
- 457238. ETS 4578. CIMMYT. G3-2461-1. Endosperm yellow. Cultivated. Seed.
- 457239. ETS 4578. CIMMYT. G3-2461-2. Endosperm yellow. Cultivated. Seed.
- 457240. ETS 4579. CIMMYT. G3-2462-1. Seeds white. Cultivated. Seed.
- 457241. ETS 4579. CIMMYT. G3-2462-2. Seeds white. Cultivated. Seed.
- 457242. ETS 4580. CIMMYT. G3-2463-1. Seeds bronze. Cultivated. Seed.
- 457243. ETS 4580. CIMMYT. G3-2463-2. Seeds bronze. Cultivated.

452502 TO 457915-continued

Seed.

457244. ETS 4582. CIMMYT. G3-2464-1. Seeds white. Cultivated.
Seed.
457245. ETS 4582. CIMMYT. G3-2464-2. Seeds white. Cultivated.
Seed.
457246. ETS 4583. CIMMYT. G3-2465-1. Seeds bronze. Cultivated.
Seed.
457247. ETS 4583. CIMMYT. G3-2465-2. Seeds bronze. Cultivated.
Seed.
457248. ETS 4584. CIMMYT. G3-2466-1. Endosperm yellow.
Cultivated. Seed.
457249. ETS 4584. CIMMYT. G3-2466-2. Endosperm yellow.
Cultivated. Seed.
457250. ETS 4585. CIMMYT. G3-2467-1. Endosperm yellow.
Cultivated. Seed.
457251. ETS 4585. CIMMYT. G3-2467-2. Endosperm yellow.
Cultivated. Seed.
457252. ETS 4586. CIMMYT. G3-2468-1. Endosperm yellow.
Cultivated. Seed.
457253. ETS 4586. CIMMYT. G3-2468-2. Endosperm yellow.
Cultivated. Seed.
457254. ETS 4587. CIMMYT. G3-2469-1. Seeds white. Cultivated.
Seed.
457255. ETS 4587. CIMMYT. G3-2469-2. Seeds white. Cultivated.
Seed.
457256. ETS 4588. CIMMYT. G3-2470-1. Seeds red. Cultivated. Seed.
457257. ETS 4588. CIMMYT. G3-2470-2. Seeds red. Cultivated. Seed.
457258. ETS 4590-A. CIMMYT. G3-2472-1. Seeds white. Cultivated.
Seed.
457259. ETS 4590-A. CIMMYT. G3-2472-2. Seeds white. Cultivated.
Seed.
457260. ETS 4590-B. CIMMYT. G3-2473-1. Endosperm yellow.
Cultivated. Seed.
457261. ETS 4590-B. CIMMYT. G3-2473-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 457262. ETS 4591. CIMMYT. G3-2474-1. Endosperm yellow. Cultivated. Seed.
- 457263. ETS 4591. CIMMYT. G3-2474-2. Endosperm yellow. Cultivated. Seed.
- 457264. ETS 4591. CIMMYT. G3-2474-3. Endosperm yellow. Cultivated. Seed.
- 457265. ETS 4592. CIMMYT. G3-2475-1. Endosperm yellow. Cultivated. Seed.
- 457266. ETS 4592. CIMMYT. G3-2475-2. Endosperm yellow. Cultivated. Seed.
- 457267. ETS 4592. CIMMYT. G3-2475-3. Endosperm yellow. Cultivated. Seed.
- 457268. ETS 4593. CIMMYT. G3-2476-1. Seeds bronze. Cultivated. Seed.
- 457269. ETS 4593. CIMMYT. G3-2476-2. Seeds bronze. Cultivated. Seed.
- 457270. ETS 4594. CIMMYT. G3-2477-1. Seeds bronze. Cultivated. Seed.
- 457271. ETS 4594. CIMMYT. G3-2477-2. Seeds bronze. Cultivated. Seed.
- 457272. ETS 4595. CIMMYT. G3-2478-1. Seeds bronze. Cultivated. Seed.
- 457273. ETS 4595. CIMMYT. G3-2478-2. Seeds bronze. Cultivated. Seed.
- 457274. ETS 4596. CIMMYT. G3-2479-1. Seeds bronze. Cultivated. Seed.
- 457275. ETS 4596. CIMMYT. G3-2479-2. Seeds bronze. Cultivated. Seed.
- 457276. ETS 4597. CIMMYT. G3-2480-1. Seeds bronze. Cultivated. Seed.
- 457277. ETS 4597. CIMMYT. G3-2480-2. Seeds bronze. Cultivated. Seed.
- 457278. ETS 4597. CIMMYT. G3-2480-3. Seeds bronze. Cultivated. Seed.
- 457279. ETS 4598. CIMMYT. G3-2481-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

457280. ETS 4598. CIMMYT. G3-2481-2. Seeds bronze. Cultivated.
Seed.
457281. ETS 4599. CIMMYT. G3-2482-1. Seeds bronze. Cultivated.
Seed.
457282. ETS 4599. CIMMYT. G3-2482-2. Seeds bronze. Cultivated.
Seed.
457283. ETS 4600. CIMMYT. G3-2483-1. Cultivated. Seed.
457284. ETS 4600. CIMMYT. G3-2483-2. Cultivated. Seed.
457285. ETS 4601. CIMMYT. G3-2484-1. Seeds white. Cultivated.
Seed.
457286. ETS 4601. CIMMYT. G3-2484-2. Seeds white. Cultivated.
Seed.
457287. ETS 4602. CIMMYT. G3-2485-1. Seeds white. Cultivated.
Seed.
457288. ETS 4602. CIMMYT. G3-2485-2. Seeds white. Cultivated.
Seed.
457289. ETS 4604. CIMMYT. G3-2487-1. Endosperm yellow.
Cultivated. Seed.
457290. ETS 4604. CIMMYT. G3-2487-2. Endosperm yellow.
Cultivated. Seed.
457291. ETS 4605. CIMMYT. G3-2488-1. Seeds white. Cultivated.
Seed.
457292. ETS 4605. CIMMYT. G3-2488-2. Seeds white. Cultivated.
Seed.
457293. ETS 4606. CIMMYT. G3-2489-1. Seeds bronze. Cultivated.
Seed.
457294. ETS 4606. CIMMYT. G3-2489-2. Seeds bronze. Cultivated.
Seed.
457295. ETS 4607. CIMMYT. G3-2490-1. Seeds bronze. Cultivated.
Seed.
457296. ETS 4607. CIMMYT. G3-2490-2. Seeds bronze. Cultivated.
Seed.
457297. ETS 4608. CIMMYT. G3-2491-1. Seeds bronze. Cultivated.
Seed.

452502 TO 457915-continued

457298. ETS 4608. CIMMYT. G3-2491-2. Seeds bronze. Cultivated. Seed.
457299. ETS 4608. CIMMYT. G3-2491-3. Seeds bronze. Cultivated. Seed.
457300. ETS 4608. CIMMYT. G3-2491-4. Seeds bronze. Cultivated. Seed.
457301. ETS 4609. CIMMYT. G3-2492-1. Seeds bronze. Cultivated. Seed.
457302. ETS 4609. CIMMYT. G3-2492-2. Seeds bronze. Cultivated. Seed.
457303. ETS 4610. CIMMYT. G3-2493-1. Seeds white. Cultivated. Seed.
457304. ETS 4610. CIMMYT. G3-2493-2. Seeds white. Cultivated. Seed.
457305. ETS 4610. CIMMYT. G3-2493-3. Seeds white. Cultivated. Seed.
457306. ETS 4610. CIMMYT. G3-2493-4. Seeds white. Cultivated. Seed.
457307. ETS 4611. CIMMYT. G3-2494-1. Seeds white. Cultivated. Seed.
457308. ETS 4611. CIMMYT. G3-2494-2. Seeds white. Cultivated. Seed.
457309. ETS 4612. CIMMYT. G3-2495-1. Endosperm yellow. Cultivated. Seed.
457310. ETS 4612. CIMMYT. G3-2495-2. Endosperm yellow. Cultivated. Seed.
457311. ETS 4612. CIMMYT. G3-2495-3. Endosperm yellow. Cultivated. Seed.
457312. ETS 4613. CIMMYT. G3-2496-1. Seeds white. Cultivated. Seed.
457313. ETS 4613. CIMMYT. G3-2496-2. Seeds white. Cultivated. Seed.
457314. ETS 4614-B. CIMMYT. G3-2498-1. Endosperm yellow. Cultivated. Seed.
457315. ETS 4614-B. CIMMYT. G3-2498-2. Endosperm yellow.

452502 TO 457915-continued
Cultivated. Seed.

457316. ETS 46 15. CIMMYT. G3-2499-1. Seeds gray. Cultivated. Seed.
457317. ETS 46 15. CIMMYT. G3-2499-2. Seeds gray. Cultivated. Seed.
457318. ETS 46 16. CIMMYT. G3-2500-1. Seeds red. Cultivated. Seed.
457319. ETS 46 16. CIMMYT. G3-2500-2. Seeds red. Cultivated. Seed.
457320. ETS 46 17. CIMMYT. G3-2501-1. Seeds red. Cultivated. Seed.
457321. ETS 46 17. CIMMYT. G3-2501-2. Seeds red. Cultivated. Seed.
457322. ETS 46 17. CIMMYT. G3-2501-3. Seeds red. Cultivated. Seed.
457323. ETS 46 18. CIMMYT. G3-2502-1. Seeds white. Cultivated. Seed.
457324. ETS 46 18. CIMMYT. G3-2502-2. Seeds white. Cultivated. Seed.
457325. ETS 46 19. CIMMYT. G3-2503-1. Seeds bronze. Cultivated. Seed.
457326. ETS 46 19. CIMMYT. G3-2503-2. Seeds bronze. Cultivated. Seed.
457327. ETS 46 20. CIMMYT. G3-2504. Seeds bronze. Cultivated. Seed.
457328. ETS 46 21. CIMMYT. G3-2505-1. Seeds white. Cultivated. Seed.
457329. ETS 46 21. CIMMYT. G3-2505-2. Seeds white. Cultivated. Seed.
457330. ETS 46 22. CIMMYT. G3-2506-1. Seeds red. Cultivated. Seed.
457331. ETS 46 22. CIMMYT. G3-2506-2. Seeds red. Cultivated. Seed.
457332. ETS 46 23. CIMMYT. G3-2507-1. Seeds bronze. Cultivated. Seed.
457333. ETS 46 23. CIMMYT. G3-2507-2. Seeds bronze. Cultivated. Seed.
457334. ETS 46 24. CIMMYT. G3-2508-1. Seeds bronze. Cultivated. Seed.
457335. ETS 46 24. CIMMYT. G3-2508-2. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

- 457336. ETS 4625-A. CIMMYT. G3-2509-1. Endosperm yellow. Cultivated. Seed.
- 457337. ETS 4625-A. CIMMYT. G3-2509-2. Endosperm yellow. Cultivated. Seed.
- 457338. ETS 4625-B. CIMMYT. G3-2510-1. Endosperm yellow. Cultivated. Seed.
- 457339. ETS 4625-B. CIMMYT. G3-2510-2. Endosperm yellow. Cultivated. Seed.
- 457340. ETS 4626. CIMMYT. G3-2511-1. Endosperm yellow. Cultivated. Seed.
- 457341. ETS 4626. CIMMYT. G3-2511-2. Endosperm yellow. Cultivated. Seed.
- 457342. ETS 4626. CIMMYT. G3-2511-3. Endosperm yellow. Cultivated. Seed.
- 457343. ETS 4627. CIMMYT. G3-2512-1. Endosperm yellow. Cultivated. Seed.
- 457344. ETS 4629. CIMMYT. G3-2513-1. Seeds bronze. Cultivated. Seed.
- 457345. ETS 4629. CIMMYT. G3-2513-2. Seeds bronze. Cultivated. Seed.
- 457346. ETS 4630. CIMMYT. G3-2514-1. Endosperm yellow. Cultivated. Seed.
- 457347. ETS 4630. CIMMYT. G3-2514-2. Endosperm yellow. Cultivated. Seed.
- 457348. ETS 4631. CIMMYT. G3-2515-1. Seeds bronze. Cultivated. Seed.
- 457349. ETS 4631. CIMMYT. G3-2515-2. Seeds bronze. Cultivated. Seed.
- 457350. ETS 4631. CIMMYT. G3-2515-3. Seeds bronze. Cultivated. Seed.
- 457351. ETS 4632. CIMMYT. G3-2516-1. Seeds bronze. Cultivated. Seed.
- 457352. ETS 4632. CIMMYT. G3-2516-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

457353. ETS 4632. CIMMYT. G3-2516-3. Seeds bronze. Cultivated. Seed.
457354. ETS 4633. CIMMYT. G3-2517-1. Endosperm yellow. Cultivated. Seed.
457355. ETS 4633. CIMMYT. G3-2517-2. Endosperm yellow. Cultivated. Seed.
457356. ETS 4634. CIMMYT. G3-2518-1. Endosperm yellow. Cultivated. Seed.
457357. ETS 4634. CIMMYT. G3-2518-2. Endosperm yellow. Cultivated. Seed.
457358. ETS 4635. CIMMYT. G3-2519-1. Endosperm yellow. Cultivated. Seed.
457359. ETS 4635. CIMMYT. G3-2519-2. Endosperm yellow. Cultivated. Seed.
457360. ETS 4636. CIMMYT. G3-2520. Seeds bronze. Cultivated. Seed.
457361. ETS 4637. CIMMYT. G3-2521-1. Seeds red. Cultivated. Seed.
457362. ETS 4637. CIMMYT. G3-2521-2. Seeds red. Cultivated. Seed.
457363. ETS 4638. CIMMYT. G3-2522-1. Seeds white. Cultivated. Seed.
457364. ETS 4638. CIMMYT. G3-2522-2. Seeds white. Cultivated. Seed.
457365. ETS 4638. CIMMYT. G3-2522-3. Seeds white. Cultivated. Seed.
457366. ETS 4639. CIMMYT. G3-2523-1. Seeds red. Cultivated. Seed.
457367. ETS 4639. CIMMYT. G3-2523-2. Seeds red. Cultivated. Seed.
457368. ETS 4639. CIMMYT. G3-2523-3. Seeds red. Cultivated. Seed.
457369. ETS 4640. CIMMYT. G3-2524-1. Endosperm yellow. Cultivated. Seed.
457370. ETS 4640. CIMMYT. G3-2524-2. Endosperm yellow. Cultivated. Seed.
457371. ETS 4641. CIMMYT. G3-2525-1. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

457372. ETS 4641. CIMMYT. G3-2525-2. Seeds white. Cultivated. Seed.
457373. ETS 4641. CIMMYT. G3-2525-3. Seeds white. Cultivated. Seed.
457374. ETS 4642. CIMMYT. G3-2526-1. Seeds bronze. Cultivated. Seed.
457375. ETS 4642. CIMMYT. G3-2526-2. Seeds bronze. Cultivated. Seed.
457376. ETS 4643. CIMMYT. G3-2527-1. Seeds white. Cultivated. Seed.
457377. ETS 4643. CIMMYT. G3-2527-2. Seeds white. Cultivated. Seed.
457378. ETS 4646. CIMMYT. G3-2530-1. Seeds bronze. Cultivated. Seed.
457379. ETS 4646. CIMMYT. G3-2530-2. Seeds bronze. Cultivated. Seed.
457380. ETS 4646. CIMMYT. G3-2530-3. Seeds bronze. Cultivated. Seed.
457381. ETS 4647. CIMMYT. G3-2531-1. Seeds bronze. Cultivated. Seed.
457382. ETS 4647. CIMMYT. G3-2531-2. Seeds bronze. Cultivated. Seed.
457383. ETS 4647. CIMMYT. G3-2531-3. Seeds bronze. Cultivated. Seed.
457384. ETS 4648. CIMMYT. G3-2532-1. Seeds white. Cultivated. Seed.
457385. ETS 4648. CIMMYT. G3-2532-2. Seeds white. Cultivated. Seed.
457386. ETS 4649. CIMMYT. G3-2533-1. Endosperm yellow. Cultivated. Seed.
457387. ETS 4649. CIMMYT. G3-2533-2. Endosperm yellow. Cultivated. Seed.
457388. ETS 4650. CIMMYT. G3-2534-1. Seeds red. Cultivated. Seed.
457389. ETS 4650. CIMMYT. G3-2534-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

457390. ETS 4651. CIMMYT. G3-2535-1. Seeds bronze. Cultivated. Seed.
457391. ETS 4651. CIMMYT. G3-2535-2. Seeds bronze. Cultivated. Seed.
457392. ETS 4651. CIMMYT. G3-2535-3. Seeds bronze. Cultivated. Seed.
457393. ETS 4652. CIMMYT. G3-2536-1. Seeds bronze. Cultivated. Seed.
457394. ETS 4652. CIMMYT. G3-2536-2. Seeds bronze. Cultivated. Seed.
457395. ETS 4653. CIMMYT. G3-2537-1. Seeds red. Cultivated. Seed.
457396. ETS 4653. CIMMYT. G3-2537-2. Seeds red. Cultivated. Seed.
457397. ETS 4654. CIMMYT. G3-2538-1. Seeds white. Cultivated. Seed.
457398. ETS 4654. CIMMYT. G3-2538-2. Seeds white. Cultivated. Seed.
457399. ETS 4655. CIMMYT. G3-2539-1. Seeds white. Cultivated. Seed.
457400. ETS 4655. CIMMYT. G3-2539-2. Seeds white. Cultivated. Seed.
457401. ETS 4656. CIMMYT. G3-2540-1. Seeds red. Cultivated. Seed.
457402. ETS 4656. CIMMYT. G3-2540-2. Seeds red. Cultivated. Seed.
457403. ETS 4657-A. CIMMYT. G3-2541-1. Seeds red. Cultivated. Seed.
457404. ETS 4657-A. CIMMYT. G3-2541-2. Seeds red. Cultivated. Seed.
457405. ETS 4657-B. CIMMYT. G3-2542-1. Seeds red. Cultivated. Seed.
457406. ETS 4657-B. CIMMYT. G3-2542-2. Seeds red. Cultivated. Seed.
457407. ETS 4658. CIMMYT. G3-2543-1. Seeds red. Cultivated. Seed.
457408. ETS 4658. CIMMYT. G3-2543-2. Seeds red. Cultivated. Seed.
457409. ETS 4659. CIMMYT. G3-2544-1. Seeds bronze. Cultivated.

452502 TO 457915-continued

Seed.

- 457410. ETS 4659. CIMMYT. G3-2544-2. Seeds bronze. Cultivated. Seed.
- 457411. ETS 4660. CIMMYT. G3-2545-1. Seeds red. Cultivated. Seed.
- 457412. ETS 4660. CIMMYT. G3-2545-2. Seeds red. Cultivated. Seed.
- 457413. ETS 4662. CIMMYT. G3-2547-1. Seeds bronze. Cultivated. Seed.
- 457414. ETS 4662. CIMMYT. G3-2547-2. Seeds bronze. Cultivated. Seed.
- 457415. ETS 4663. CIMMYT. G3-2548-1. Seeds red. Cultivated. Seed.
- 457416. ETS 4663. CIMMYT. G3-2548-2. Seeds red. Cultivated. Seed.
- 457417. ETS 4664. CIMMYT. G3-2549-1. Seeds red. Cultivated. Seed.
- 457418. ETS 4664. CIMMYT. G3-2549-2. Seeds red. Cultivated. Seed.
- 457419. ETS 4665-A. CIMMYT. G3-2550-1. Seeds white. Cultivated. Seed.
- 457420. ETS 4665-A. CIMMYT. G3-2550-2. Seeds white. Cultivated. Seed.
- 457421. ETS 4665-A. CIMMYT. G3-2550-3. Seeds white. Cultivated. Seed.
- 457422. ETS 4665-B. CIMMYT. G3-2551-1. Seeds white. Cultivated. Seed.
- 457423. ETS 4665-B. CIMMYT. G3-2551-2. Seeds white. Cultivated. Seed.
- 457424. ETS 4666. CIMMYT. G3-2552-1. Seeds white. Cultivated. Seed.
- 457425. ETS 4666. CIMMYT. G3-2552-2. Seeds white. Cultivated. Seed.
- 457426. ETS 4667. CIMMYT. G3-2558-1. Seeds red. Cultivated. Seed.
- 457427. ETS 4667. CIMMYT. G3-2558-2. Seeds red. Cultivated. Seed.
- 457428. ETS 4667. CIMMYT. G3-2558-3. Seeds red. Cultivated. Seed.
- 457429. ETS 4668. CIMMYT. G3-2554-1. Seeds red. Cultivated. Seed.
- 457430. ETS 4668. CIMMYT. G3-2554-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

457431. ETS 4669. CIMMYT. G3-2555-1. Seeds red. Cultivated. Seed.
457432. ETS 4669. CIMMYT. G3-2555-2. Seeds red. Cultivated. Seed.
457433. ETS 4670-B. CIMMYT. G3-2557-1. Seeds red. Cultivated. Seed.
457434. ETS 4670-B. CIMMYT. G3-2557-2. Seeds red. Cultivated. Seed.
457435. ETS 4671. CIMMYT. G3-2558-1. Seeds red. Cultivated. Seed.
457436. ETS 4671. CIMMYT. G3-2558-2. Seeds red. Cultivated. Seed.
457437. ETS 4672. CIMMYT. G3-2559-1. Seeds red. Cultivated. Seed.
457438. ETS 4672. CIMMYT. G3-2559-2. Seeds red. Cultivated. Seed.
457439. ETS 4673. CIMMYT. G3-2560-1. Seeds red. Cultivated. Seed.
457440. ETS 4673. CIMMYT. G3-2560-2. Seeds red. Cultivated. Seed.
457441. ETS 4674. CIMMYT. G3-2561-1. Seeds bronze. Cultivated. Seed.
457442. ETS 4674. CIMMYT. G3-2561-2. Seeds bronze. Cultivated. Seed.
457443. ETS 4675. CIMMYT. G3-2562-1. Seeds red. Cultivated. Seed.
457444. ETS 4675. CIMMYT. G3-2562-2. Seeds red. Cultivated. Seed.
457445. ETS 4676. CIMMYT. G3-2563-1. Seeds red. Cultivated. Seed.
457446. ETS 4676. CIMMYT. G3-2563-2. Seeds red. Cultivated. Seed.
457447. ETS 4677. CIMMYT. G3-2564. Cultivated. Seed.
457448. ETS 4678. CIMMYT. G3-2565-1. Seeds brown. Cultivated. Seed.
457449. ETS 4678. CIMMYT. G3-2565-2. Seeds brown. Cultivated. Seed.
457450. ETS 4679-A. CIMMYT. G3-2566-1. Seeds bronze. Cultivated. Seed.
457451. ETS 4679-A. CIMMYT. G3-2566-2. Seeds bronze. Cultivated. Seed.
457452. ETS 4679-B. CIMMYT. G3-2567-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

- 457453. ETS 4679-B. CIMMYT. G3-2567-2. Seeds bronze. Cultivated. Seed.
- 457454. ETS 4681-A. CIMMYT. G3-2569-1. Seeds white. Cultivated. Seed.
- 457455. ETS 4681-A. CIMMYT. G3-2569-2. Seeds white. Cultivated. Seed.
- 457456. ETS 4681-B. CIMMYT. G3-2570-1. Endosperm yellow. Cultivated. Seed.
- 457457. ETS 4681-B. CIMMYT. G3-2570-2. Endosperm yellow. Cultivated. Seed.
- 457458. ETS 4682-A. CIMMYT. G3-2571-1. Endosperm yellow. Cultivated. Seed.
- 457459. ETS 4682-A. CIMMYT. G3-2571-2. Endosperm yellow. Cultivated. Seed.
- 457460. ETS 4682-B. CIMMYT. G3-2572-1. Endosperm yellow. Cultivated. Seed.
- 457461. ETS 4682-B. CIMMYT. G3-2572-2. Endosperm yellow. Cultivated. Seed.
- 457462. ETS 4682-B. CIMMYT. G3-2572-3. Endosperm yellow. Cultivated. Seed.
- 457463. ETS 4683. CIMMYT. G3-2573-1. Seeds bronze. Cultivated. Seed.
- 457464. ETS 4683. CIMMYT. G3-2573-2. Seeds bronze. Cultivated. Seed.
- 457465. ETS 4683. CIMMYT. G3-2573-3. Seeds bronze. Cultivated. Seed.
- 457466. ETS 4684. CIMMYT. G3-2574-1. Seeds white. Cultivated. Seed.
- 457467. ETS 4684. CIMMYT. G3-2574-2. Seeds white. Cultivated. Seed.
- 457468. ETS 4686. CIMMYT. G3-2576-1. Seeds white. Cultivated. Seed.
- 457469. ETS 4686. CIMMYT. G3-2576-2. Seeds white. Cultivated. Seed.
- 457470. ETS 4687. CIMMYT. G3-2577-1. Seeds bronze. Cultivated.

452502 TO 457915-continued
Seed.

457471. ETS 4687. CIMMYT. G3-2577-2. Seeds bronze. Cultivated.
Seed.
457472. ETS 4688. CIMMYT. G3-2578-1. Seeds bronze. Cultivated.
Seed.
457473. ETS 4688. CIMMYT. G3-2578-2. Seeds bronze. Cultivated.
Seed.
457474. ETS 4689. CIMMYT. G3-2579-1. Endosperm yellow.
Cultivated. Seed.
457475. ETS 4689. CIMMYT. G3-2579-2. Endosperm yellow.
Cultivated. Seed.
457476. ETS 4690. CIMMYT. G3-2580-1. Seeds white. Cultivated.
Seed.
457477. ETS 4690. CIMMYT. G3-2580-2. Seeds white. Cultivated.
Seed.
457478. ETS 4690. CIMMYT. G3-2580-3. Seeds white. Cultivated.
Seed.
457479. ETS 4693. CIMMYT. G3-2583-1. Endosperm yellow.
Cultivated. Seed.
457480. ETS 4693. CIMMYT. G3-2583-2. Endosperm yellow.
Cultivated. Seed.
457481. ETS 4694. CIMMYT. G3-2584-1. Seeds red. Cultivated. Seed.
457482. ETS 4694. CIMMYT. G3-2584-2. Seeds red. Cultivated. Seed.
457483. ETS 4695-A. CIMMYT. G3-2585-1. Endosperm yellow.
Cultivated. Seed.
457484. ETS 4695-A. CIMMYT. G3-2585-2. Endosperm yellow.
Cultivated. Seed.
457485. ETS 4695-B. CIMMYT. G3-2586-1. Endosperm yellow.
Cultivated. Seed.
457486. ETS 4695-B. CIMMYT. G3-2586-2. Endosperm yellow.
Cultivated. Seed.
457487. ETS 4695-B. CIMMYT. G3-2586-3. Endosperm yellow.
Cultivated. Seed.
457488. ETS 4696. CIMMYT. G3-2587-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 457489. ETS 4696. CIMMYT. G3-2587-2. Endosperm yellow.
Cultivated. Seed.
- 457490. ETS 4698. CIMMYT. G3-2588-1. Seeds red. Cultivated. Seed.
- 457491. ETS 4698. CIMMYT. G3-2588-2. Seeds red. Cultivated. Seed.
- 457492. ETS 4699-A. CIMMYT. G3-2589-1. Seeds white. Cultivated.
Seed.
- 457493. ETS 4699-A. CIMMYT. G3-2589-2. Seeds white. Cultivated.
Seed.
- 457494. ETS 4699-B. CIMMYT. G3-2590-1. Seeds white. Cultivated.
Seed.
- 457495. ETS 4699-B. CIMMYT. G3-2590-2. Seeds white. Cultivated.
Seed.
- 457496. ETS 4700. CIMMYT. G3-2591-1. Seeds white. Cultivated.
Seed.
- 457497. ETS 4700. CIMMYT. G3-2591-2. Seeds white. Cultivated.
Seed.
- 457498. ETS 4700. CIMMYT. G3-2591-3. Seeds white. Cultivated.
Seed.
- 457499. ETS 4701. CIMMYT. G3-2592-1. Seeds white. Cultivated.
Seed.
- 457500. ETS 4701. CIMMYT. G3-2592-2. Seeds white. Cultivated.
Seed.
- 457501. ETS 4702. CIMMYT. G3-2593-1. Endosperm yellow.
Cultivated. Seed.
- 457502. ETS 4702. CIMMYT. G3-2593-2. Endosperm yellow.
Cultivated. Seed.
- 457503. ETS 4703. CIMMYT. G3-2594-1. Seeds bronze. Cultivated.
Seed.
- 457504. ETS 4703. CIMMYT. G3-2594-2. Seeds bronze. Cultivated.
Seed.
- 457505. ETS 4705. CIMMYT. G3-2596-1. Endosperm yellow.
Cultivated. Seed.
- 457506. ETS 4705. CIMMYT. G3-2596-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

- 457507. ETS 4706. CIMMYT. G3-2597-1. Seeds red. Cultivated. Seed.
- 457508. ETS 4706. CIMMYT. G3-2597-2. Seeds red. Cultivated. Seed.
- 457509. ETS 4707. CIMMYT. G3-2598-1. Seeds red. Cultivated. Seed.
- 457510. ETS 4707. CIMMYT. G3-2598-2. Seeds red. Cultivated. Seed.
- 457511. ETS 4708. CIMMYT. G3-2599-1. Seeds white. Cultivated. Seed.
- 457512. ETS 4708. CIMMYT. G3-2599-2. Seeds white. Cultivated. Seed.
- 457513. ETS 4710. CIMMYT. G3-2601-1. Seeds white. Cultivated. Seed.
- 457514. ETS 4710. CIMMYT. G3-2601-2. Seeds white. Cultivated. Seed.
- 457515. ETS 4712. CIMMYT. G3-2603-1. Seeds white. Cultivated. Seed.
- 457516. ETS 4712. CIMMYT. G3-2603-2. Seeds white. Cultivated. Seed.
- 457517. ETS 4712. CIMMYT. G3-2603-3. Seeds white. Cultivated. Seed.
- 457518. ETS 4714. CIMMYT. G3-2605. Seeds red. Cultivated. Seed.
- 457519. ETS 4715-A. CIMMYT. G3-2606-1. Seeds red. Cultivated. Seed.
- 457520. ETS 4715-A. CIMMYT. G3-2606-2. Seeds red. Cultivated. Seed.
- 457521. ETS 4715-B. CIMMYT. G3-2607-1. Seeds red. Cultivated. Seed.
- 457522. ETS 4715-B. CIMMYT. G3-2607-2. Seeds red. Cultivated. Seed.
- 457523. ETS 4717. CIMMYT. G3-2609-1. Seeds red. Cultivated. Seed.
- 457524. ETS 4717. CIMMYT. G3-2609-2. Seeds red. Cultivated. Seed.
- 457525. ETS 4717. CIMMYT. G3-2609-3. Seeds red. Cultivated. Seed.
- 457526. ETS 4718. CIMMYT. G3-2610-1. Seeds brown. Cultivated. Seed.

452502 TO 457915-continued

- 457527. ETS 4718. CIMMYT. G3-2610-2. Seeds brown. Cultivated. Seed.
- 457528. ETS 4719. CIMMYT. G3-2611-1. Cultivated. Seed.
- 457529. ETS 4719. CIMMYT. G3-2611-2. Cultivated. Seed.
- 457530. ETS 4720. CIMMYT. G3-2612-1. Seeds white. Cultivated. Seed.
- 457531. ETS 4720. CIMMYT. G3-2612-2. Seeds white. Cultivated. Seed.
- 457532. ETS 4721. CIMMYT. G3-2613-1. Seeds bronze. Cultivated. Seed.
- 457533. ETS 4721. CIMMYT. G3-2613-2. Seeds bronze. Cultivated. Seed.
- 457534. ETS 4722. CIMMYT. G3-2614-1. Seeds brown. Cultivated. Seed.
- 457535. ETS 4722. CIMMYT. G3-2614-2. Seeds brown. Cultivated. Seed.
- 457536. ETS 4722. CIMMYT. G3-2614-3. Seeds brown. Cultivated. Seed.
- 457537. ETS 4723. CIMMYT. G3-2615-1. Seeds white. Cultivated. Seed.
- 457538. ETS 4723. CIMMYT. G3-2615-2. Seeds white. Cultivated. Seed.
- 457539. ETS 4724. CIMMYT. G3-2616-1. Cultivated. Seed.
- 457540. ETS 4724. CIMMYT. G3-2616-2. Cultivated. Seed.
- 457541. ETS 4725. CIMMYT. G3-2617-1. Cultivated. Seed.
- 457542. ETS 4725. CIMMYT. G3-2617-2. Cultivated. Seed.
- 457543. ETS 4726. CIMMYT. G3-2618-1. Seeds white. Cultivated. Seed.
- 457544. ETS 4726. CIMMYT. G3-2618-2. Seeds white. Cultivated. Seed.
- 457545. ETS 4726. CIMMYT. G3-2618-3. Seeds white. Cultivated. Seed.
- 457546. ETS 4727. CIMMYT. G3-2619-1. Cultivated. Seed.

452502 TO 457915-continued

457547. ETS 4727. CIMMYT. G3-2619-2. Cultivated. Seed.
457548. ETS 4728. CIMMYT. G3-2620. Seeds white. Cultivated. Seed.
457549. ETS 4729. CIMMYT. G3-2621-1. Seeds white. Cultivated. Seed.
457550. ETS 4729. CIMMYT. G3-2621-2. Seeds white. Cultivated. Seed.
457551. ETS 4730. CIMMYT. G3-2622-1. Cultivated. Seed.
457552. ETS 4730. CIMMYT. G3-2622-2. Cultivated. Seed.
457553. ETS 4731. CIMMYT. G3-2623-1. Seeds white. Cultivated. Seed.
457554. ETS 4731. CIMMYT. G3-2623-2. Seeds white. Cultivated. Seed.
457555. ETS 4732. CIMMYT. G3-2624-1. Seeds red. Cultivated. Seed.
457556. ETS 4732. CIMMYT. G3-2624-2. Seeds red. Cultivated. Seed.
457557. ETS 4733. CIMMYT. G3-2625-1. Seeds white. Cultivated. Seed.
457558. ETS 4733. CIMMYT. G3-2625-2. Seeds white. Cultivated. Seed.
457559. ETS 4734. CIMMYT. G3-2626-1. Seeds white. Cultivated. Seed.
457560. ETS 4734. CIMMYT. G3-2626-2. Seeds white. Cultivated. Seed.
457561. ETS 4736-A. CIMMYT. G3-2628-1. Seeds red. Cultivated. Seed.
457562. ETS 4736-A. CIMMYT. G3-2628-2. Seeds red. Cultivated. Seed.
457563. ETS 4736-B. CIMMYT. G3-2629-1. Cultivated. Seed.
457564. ETS 4736-B. CIMMYT. G3-2629-2. Cultivated. Seed.
457565. ETS 4737-A. CIMMYT. G3-2630-1. Seeds red. Cultivated. Seed.
457566. ETS 4737-A. CIMMYT. G3-2630-2. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 457567. ETS 4737-B. CIMMYT. G3-2631-1. Seeds red. Cultivated. Seed.
- 457568. ETS 4737-B. CIMMYT. G3-2631-2. Seeds red. Cultivated. Seed.
- 457569. ETS 4739. CIMMYT. G3-2633-1. Endosperm yellow. Cultivated. Seed.
- 457570. ETS 4739. CIMMYT. G3-2633-2. Endosperm yellow. Cultivated. Seed.
- 457571. ETS 4741. CIMMYT. G3-2635-1. Seeds red. Cultivated. Seed.
- 457572. ETS 4741. CIMMYT. G3-2635-2. Seeds red. Cultivated. Seed.
- 457573. ETS 4743-A. CIMMYT. G3-2637-1. Seeds bronze. Cultivated. Seed.
- 457574. ETS 4743-A. CIMMYT. G3-2637-2. Seeds bronze. Cultivated. Seed.
- 457575. ETS 4743-B. CIMMYT. G3-2638-1. Seeds bronze. Cultivated. Seed.
- 457576. ETS 4743-B. CIMMYT. G3-2638-2. Seeds bronze. Cultivated. Seed.
- 457577. ETS 4744. CIMMYT. G3-2639-1. Seeds bronze. Cultivated. Seed.
- 457578. ETS 4744. CIMMYT. G3-2639-2. Seeds bronze. Cultivated. Seed.
- 457579. ETS 4745-A. CIMMYT. G3-2640-1. Seeds bronze. Cultivated. Seed.
- 457580. ETS 4745-A. CIMMYT. G3-2640-2. Seeds bronze. Cultivated. Seed.
- 457581. ETS 4745-A. CIMMYT. G3-2640-3. Seeds bronze. Cultivated. Seed.
- 457582. ETS 4745-B. CIMMYT. G3-2641-1. Seeds bronze. Cultivated. Seed.
- 457583. ETS 4745-B. CIMMYT. G3-2641-2. Seeds bronze. Cultivated. Seed.
- 457584. ETS 4746. CIMMYT. G3-2642-1. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

457585. ETS 4746. CIMMYT. G3-2642-2. Seeds bronze. Cultivated. Seed.
457586. ETS 4747. CIMMYT. G3-2643-1. Endosperm yellow. Cultivated. Seed.
457587. ETS 4747. CIMMYT. G3-2643-2. Endosperm yellow. Cultivated. Seed.
457588. ETS 4748. CIMMYT. G3-2644-1. Endosperm yellow. Cultivated. Seed.
457589. ETS 4748. CIMMYT. G3-2644-2. Endosperm yellow. Cultivated. Seed.
457590. ETS 4750. CIMMYT. G3-2646-1. Seeds white. Cultivated. Seed.
457591. ETS 4750. CIMMYT. G3-2646-2. Seeds white. Cultivated. Seed.
457592. ETS 4750. CIMMYT. G3-2646-3. Seeds white. Cultivated. Seed.
457593. ETS 4751. CIMMYT. G3-2647-1. Seeds white. Cultivated. Seed.
457594. ETS 4751. CIMMYT. G3-2647-2. Seeds white. Cultivated. Seed.
457595. ETS 4752. CIMMYT. G3-2648-1. Endosperm yellow. Cultivated. Seed.
457596. ETS 4752. CIMMYT. G3-2648-2. Endosperm yellow. Cultivated. Seed.
457597. ETS 4753. CIMMYT. G3-2649-1. Seeds white. Cultivated. Seed.
457598. ETS 4753. CIMMYT. G3-2649-2. Seeds white. Cultivated. Seed.
457599. ETS 4754-A. CIMMYT. G3-2650-1. Endosperm yellow. Cultivated. Seed.
457600. ETS 4754-A. CIMMYT. G3-2650-2. Endosperm yellow. Cultivated. Seed.
457601. ETS 4755. CIMMYT. G3-2652-1. Endosperm yellow. Cultivated. Seed.
457602. ETS 4755. CIMMYT. G3-2652-2. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
457603. ETS 4756. CIMMYT. G3-2653-1. Endosperm yellow.
Cultivated. Seed.
457604. ETS 4756. CIMMYT. G3-2653-2. Endosperm yellow.
Cultivated. Seed.
457605. ETS 4757. CIMMYT. G3-2654-1. Endosperm yellow.
Cultivated. Seed.
457606. ETS 4758. CIMMYT. G3-2655. Endosperm yellow. Cultivated.
Seed.
457607. ETS 4759-A. CIMMYT. G3-2656-1. Endosperm yellow.
Cultivated. Seed.
457608. ETS 4759-A. CIMMYT. G3-2656-2. Endosperm yellow.
Cultivated. Seed.
457609. ETS 4759-B. CIMMYT. G3-2657-1. Endosperm yellow.
Cultivated. Seed.
457610. ETS 4759-B. CIMMYT. G3-2657-2. Endosperm yellow.
Cultivated. Seed.
457611. ETS 4760. CIMMYT. G3-2658-1. Seeds red. Cultivated. Seed.
457612. ETS 4760. CIMMYT. G3-2658-2. Seeds red. Cultivated. Seed.
457613. ETS 4761. CIMMYT. G3-2659-1. Seeds red. Cultivated. Seed.
457614. ETS 4761. CIMMYT. G3-2659-2. Seeds red. Cultivated. Seed.
457615. ETS 4761. CIMMYT. G3-2659-3. Seeds red. Cultivated. Seed.
457616. ETS 4762. CIMMYT. G3-2660-1. Seeds bronze. Cultivated.
Seed.
457617. ETS 4762. CIMMYT. G3-2660-2. Seeds bronze. Cultivated.
Seed.
457618. ETS 4763. CIMMYT. G3-2661-1. Seeds white. Cultivated.
Seed.
457619. ETS 4763. CIMMYT. G3-2661-2. Seeds white. Cultivated.
Seed.
457620. ETS 4764. CIMMYT. G3-2662-1. Seeds brown. Cultivated.
Seed.
457621. ETS 4764. CIMMYT. G3-2662-2. Seeds brown. Cultivated.
Seed.

452502 TO 457915-continued

457622. ETS 4765. CIMMYT. G3-2663-1. Seeds bronze. Cultivated. Seed.
457623. ETS 4765. CIMMYT. G3-2663-2. Seeds bronze. Cultivated. Seed.
457624. ETS 4766. CIMMYT. G3-2664-1. Seeds red. Cultivated. Seed.
457625. ETS 4766. CIMMYT. G3-2664-2. Seeds red. Cultivated. Seed.
457626. ETS 4767. CIMMYT. G3-2665-1. Seeds bronze. Cultivated. Seed.
457627. ETS 4767. CIMMYT. G3-2665-2. Seeds bronze. Cultivated. Seed.
457628. ETS 4768-A. CIMMYT. G3-2666-1. Seeds brown. Cultivated. Seed.
457629. ETS 4768-A. CIMMYT. G3-2666-2. Seeds brown. Cultivated. Seed.
457630. ETS 4769. CIMMYT. G3-2668-1. Seeds red. Cultivated. Seed.
457631. ETS 4769. CIMMYT. G3-2668-2. Seeds red. Cultivated. Seed.
457632. ETS 4770. CIMMYT. G3-2669-1. Seeds red. Cultivated. Seed.
457633. ETS 4770. CIMMYT. G3-2669-2. Seeds red. Cultivated. Seed.
457634. ETS 4771. CIMMYT. G3-2670. Seeds bronze. Cultivated. Seed.
457635. ETS 4772. CIMMYT. G3-2671-1. Cultivated. Seed.
457636. ETS 4772. CIMMYT. G3-2671-2. Cultivated. Seed.
457637. ETS 4773. CIMMYT. G3-2672-1. Endosperm yellow. Cultivated. Seed.
457638. ETS 4773. CIMMYT. G3-2672-2. Endosperm yellow. Cultivated. Seed.
457639. ETS 4773. CIMMYT. G3-2672-3. Endosperm yellow. Cultivated. Seed.
457640. ETS 4774. CIMMYT. G3-2673-1. Seeds red. Cultivated. Seed.
457641. ETS 4774. CIMMYT. G3-2673-2. Seeds red. Cultivated. Seed.
457642. ETS 4775. CIMMYT. G3-2674. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

- 457643. ETS 4776. CIMMYT. G3-2675. Endosperm yellow. Cultivated. Seed.
- 457644. ETS 4777. CIMMYT. G3-2676. Cultivated. Seed.
- 457645. ETS 4778. CIMMYT. G3-2677. Endosperm yellow. Cultivated. Seed.
- 457646. ETS 4779. CIMMYT. G3-2678-1. Seeds white. Cultivated. Seed.
- 457647. ETS 4779. CIMMYT. G3-2678-2. Seeds white. Cultivated. Seed.
- 457648. ETS 4782. CIMMYT. G3-2681. Seeds brown. Cultivated. Seed.
- 457649. ETS 4783. CIMMYT. G3-2682-1. Seeds brown. Cultivated. Seed.
- 457650. ETS 4783. CIMMYT. G3-2682-2. Seeds brown. Cultivated. Seed.
- 457651. ETS 4784. CIMMYT. G3-2683-1. Seeds brown. Cultivated. Seed.
- 457652. ETS 4784. CIMMYT. G3-2683-2. Seeds brown. Cultivated. Seed.
- 457653. ETS 4785. CIMMYT. G3-2684. Seeds bronze. Cultivated. Seed.
- 457654. ETS 4786. CIMMYT. G3-2685-1. Seeds brown. Cultivated. Seed.
- 457655. ETS 4786. CIMMYT. G3-2685-2. Seeds brown. Cultivated. Seed.
- 457656. ETS 4787. CIMMYT. G3-2686-1. Seeds brown. Cultivated. Seed.
- 457657. ETS 4787. CIMMYT. G3-2686-2. Seeds brown. Cultivated. Seed.
- 457658. ETS 4788. CIMMYT. G3-2687. Seeds red. Cultivated. Seed.
- 457659. ETS 4789. CIMMYT. G3-2688. Seeds bronze. Cultivated. Seed.
- 457660. ETS 4793. CIMMYT. G3-2691-1. Endosperm yellow. Cultivated. Seed.
- 457661. ETS 4793. CIMMYT. G3-2691-2. Endosperm yellow.

452502 TO 457915-continued

- Cultivated. Seed.
457662. ETS 4794. CIMMYT. G3-2692-1. Seeds red. Cultivated. Seed.
457663. ETS 4794. CIMMYT. G3-2692-2. Seeds red. Cultivated. Seed.
457664. ETS 4794. CIMMYT. G3-2692-3. Seeds red. Cultivated. Seed.
457665. ETS 4795. CIMMYT. G3-2693-1. Endosperm yellow.
Cultivated. Seed.
457666. ETS 4795. CIMMYT. G3-2693-2. Endosperm yellow.
Cultivated. Seed.
457667. ETS 4795. CIMMYT. G3-2693-3. Endosperm yellow.
Cultivated. Seed.
457668. ETS 4796. CIMMYT. G3-2694-1. Seeds white. Cultivated.
Seed.
457669. ETS 4796. CIMMYT. G3-2694-2. Seeds white. Cultivated.
Seed.
457670. ETS 4797. CIMMYT. G3-2695-1. Cultivated. Seed.
457671. ETS 4797. CIMMYT. G3-2695-2. Cultivated. Seed.
457672. ETS 4798. CIMMYT. G3-2696-1. Seeds red. Cultivated. Seed.
457673. ETS 4798. CIMMYT. G3-2696-2. Seeds red. Cultivated. Seed.
457674. ETS 4799. CIMMYT. G3-2697-1. Seeds red. Cultivated. Seed.
457675. ETS 4799. CIMMYT. G3-2697-2. Seeds red. Cultivated. Seed.
457676. ETS 4800. CIMMYT. G3-2698-1. Seeds white. Cultivated.
Seed.
457677. ETS 4800. CIMMYT. G3-2698-2. Seeds white. Cultivated.
Seed.
457678. ETS 4801. CIMMYT. G3-2699. Cultivated. Seed.
457679. ETS 4802. CIMMYT. G3-2700. Seeds white. Cultivated. Seed.
457680. ETS 4803. CIMMYT. G3-2701-1. Cultivated. Seed.
457681. ETS 4803. CIMMYT. G3-2701-2. Cultivated. Seed.
457682. ETS 4804. CIMMYT. G3-2702-1. Seeds white. Cultivated.
Seed.
457683. ETS 4804. CIMMYT. G3-2702-2. Seeds white. Cultivated.

452502 TO 457915-continued

- Seed.
457684. ETS 4804. CIMMYT. G3-2702-3. Seeds white. Cultivated. Seed.
457685. ETS 4806. CIMMYT. G3-2703-1. Endosperm yellow. Cultivated. Seed.
457686. ETS 4806. CIMMYT. G3-2703-2. Endosperm yellow. Cultivated. Seed.
457687. ETS 4809. CIMMYT. G3-2706-1. Seeds bronze. Cultivated. Seed.
457688. ETS 4809. CIMMYT. G3-2706-2. Seeds bronze. Cultivated. Seed.
457689. ETS 4809. CIMMYT. G3-2706-3. Seeds bronze. Cultivated. Seed.
457690. ETS 4810. CIMMYT. G3-2707. Cultivated. Seed.
457691. ETS 4811. CIMMYT. G3-2708-1. Endosperm yellow. Cultivated. Seed.
457692. ETS 4811. CIMMYT. G3-2708-2. Endosperm yellow. Cultivated. Seed.
457693. ETS 4812. CIMMYT. G3-2709-1. Seeds red. Cultivated. Seed.
457694. ETS 4812. CIMMYT. G3-2709-2. Seeds red. Cultivated. Seed.
457695. ETS 4813. CIMMYT. G3-2710-1. Seeds white. Cultivated. Seed.
457696. ETS 4813. CIMMYT. G3-2710-2. Seeds white. Cultivated. Seed.
457697. ETS 4813. CIMMYT. G3-2710-3. Seeds white. Cultivated. Seed.
457698. ETS 4813. CIMMYT. G3-2710-4. Seeds white. Cultivated. Seed.
457699. ETS 4814. CIMMYT. G3-2711-1. Seeds red. Cultivated. Seed.
457700. ETS 4814. CIMMYT. G3-2711-2. Seeds red. Cultivated. Seed.
457701. ETS 4815-A. CIMMYT. G3-2712-1. Seeds bronze. Cultivated. Seed.
457702. ETS 4815-A. CIMMYT. G3-2712-2. Seeds bronze. Cultivated. Seed.

452502 TO 457915-continued

457703. ETS 4815-B. CIMMYT. G3-2713-1. Seeds bronze. Cultivated. Seed.
457704. ETS 4815-B. CIMMYT. G3-2713-2. Seeds bronze. Cultivated. Seed.
457705. ETS 4816. CIMMYT. G3-2714-1. Seeds white. Cultivated. Seed.
457706. ETS 4816. CIMMYT. G3-2714-2. Seeds white. Cultivated. Seed.
457707. ETS 4817. CIMMYT. G3-2715-1. Cultivated. Seed.
457708. ETS 4817. CIMMYT. G3-2715-2. Cultivated. Seed.
457709. ETS 4818. CIMMYT. G3-2716-1. Seeds red. Cultivated. Seed.
457710. ETS 4818. CIMMYT. G3-2716-2. Seeds red. Cultivated. Seed.
457711. ETS 4818. CIMMYT. G3-2716-3. Seeds red. Cultivated. Seed.
457712. ETS 4822. CIMMYT. G3-2720-1. Endosperm yellow. Cultivated. Seed.
457713. ETS 4822. CIMMYT. G3-2720-2. Endosperm yellow. Cultivated. Seed.
457714. ETS 4823. CIMMYT. G3-2721-1. Seeds white. Cultivated. Seed.
457715. ETS 4823. CIMMYT. G3-2721-2. Seeds white. Cultivated. Seed.
457716. ETS 4823. CIMMYT. G3-2721-3. Seeds white. Cultivated. Seed.
457717. ETS 4824. CIMMYT. G3-2722-1. Seeds red. Cultivated. Seed.
457718. ETS 4824. CIMMYT. G3-2722-2. Seeds red. Cultivated. Seed.
457719. ETS 4825. CIMMYT. G3-2723-1. Seeds white. Cultivated. Seed.
457720. ETS 4825. CIMMYT. G3-2723-2. Seeds white. Cultivated. Seed.
457721. ETS 4826. CIMMYT. G3-2724-1. Endosperm yellow. Cultivated. Seed.
457722. ETS 4826. CIMMYT. G3-2724-2. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 457723. ETS 4827. CIMMYT. G3-2725-1. Seeds red. Cultivated. Seed.
- 457724. ETS 4827. CIMMYT. G3-2725-2. Seeds red. Cultivated. Seed.
- 457725. ETS 4828. CIMMYT. G3-2726-1. Seeds bronze. Cultivated. Seed.
- 457726. ETS 4828. CIMMYT. G3-2726-2. Seeds bronze. Cultivated. Seed.
- 457727. ETS 4830. CIMMYT. G3-2727-1. Seeds red. Cultivated. Seed.
- 457728. ETS 4830. CIMMYT. G3-2727-2. Seeds red. Cultivated. Seed.
- 457729. ETS 4831. CIMMYT. G3-2728-1. Seeds white. Cultivated. Seed.
- 457730. ETS 4831. CIMMYT. G3-2728-2. Seeds white. Cultivated. Seed.
- 457731. ETS 4832. CIMMYT. G3-2729-1. Endosperm yellow. Cultivated. Seed.
- 457732. ETS 4832. CIMMYT. G3-2729-2. Endosperm yellow. Cultivated. Seed.
- 457733. ETS 4832. CIMMYT. G3-2729-3. Endosperm yellow. Cultivated. Seed.
- 457734. ETS 4833-A. CIMMYT. G3-2730-1. Seeds white. Cultivated. Seed.
- 457735. ETS 4833-A. CIMMYT. G3-2730-2. Seeds white. Cultivated. Seed.
- 457736. ETS 4833-B. CIMMYT. G3-2731-1. Seeds white. Cultivated. Seed.
- 457737. ETS 4833-B. CIMMYT. G3-2731-2. Seeds white. Cultivated. Seed.
- 457738. ETS 4835. CIMMYT. G3-2732-1. Endosperm yellow. Cultivated. Seed.
- 457739. ETS 4835. CIMMYT. G3-2732-2. Endosperm yellow. Cultivated. Seed.
- 457740. ETS 4837. CIMMYT. G3-2733-1. Seeds white. Cultivated. Seed.
- 457741. ETS 4837. CIMMYT. G3-2733-2. Seeds white. Cultivated. Seed.

452502 TO 457915-continued

457742. ETS 4838. CIMMYT. G3-2734-1. Seeds white. Cultivated. Seed.
457743. ETS 4838. CIMMYT. G3-2734-2. Seeds white. Cultivated. Seed.
457744. ETS 4839. CIMMYT. G3-2735-1. Seeds white. Cultivated. Seed.
457745. ETS 4839. CIMMYT. G3-2735-2. Seeds white. Cultivated. Seed.
457746. ETS 4841. CIMMYT. G3-2837-1. Endosperm yellow. Cultivated. Seed.
457747. ETS 4841. CIMMYT. G3-2837-2. Endosperm yellow. Cultivated. Seed.
457748. ETS 4842. CIMMYT. G3-2738-1. Seeds white. Cultivated. Seed.
457749. ETS 4842. CIMMYT. G3-2738-2. Seeds white. Cultivated. Seed.
457750. ETS 4843. CIMMYT. G3-2739-1. Cultivated. Seed.
457751. ETS 4843. CIMMYT. G3-2739-2. Cultivated. Seed.
457752. ETS 4846. CIMMYT. G3-2742-1. Endosperm yellow. Cultivated. Seed.
457753. ETS 4846. CIMMYT. G3-2742-2. Endosperm yellow. Cultivated. Seed.
457754. ETS 4847. CIMMYT. G3-2743-1. Seeds white. Cultivated. Seed.
457755. ETS 4847. CIMMYT. G3-2743-2. Seeds white. Cultivated. Seed.
457756. ETS 4849. CIMMYT. G3-2745. Seeds white. Cultivated. See
457757. ETS 4851. CIMMYT. G3-2746. Seeds white. Cultivated. See
457758. ETS 4852. CIMMYT. G3-2747-1. Seeds brown. Cultivated. Seed.
457759. ETS 4852. CIMMYT. G3-2747-2. Seeds brown. Cultivated. Seed.
457760. ETS 4853. CIMMYT. G3-2748-1. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

- 457761. ETS 4853. CIMMYT. G3-2748-2. Endosperm yellow. Cultivated. Seed.
- 457762. ETS 4854-A. CIMMYT. G3-2749-1. Endosperm yellow. Cultivated. Seed.
- 457763. ETS 4854-A. CIMMYT. G3-2749-2. Endosperm yellow. Cultivated. Seed.
- 457764. ETS 4854-B. CIMMYT. G3-2750. Seeds white. Cultivated. Seed.
- 457765. ETS 4855. CIMMYT. G3-2751-1. Seeds red. Cultivated. Seed.
- 457766. ETS 4855. CIMMYT. G3-2751-2. Seeds red. Cultivated. Seed.
- 457767. ETS 4857-A. CIMMYT. G3-2753-1. Seeds brown. Cultivated. Seed.
- 457768. ETS 4857-A. CIMMYT. G3-2753-2. Seeds brown. Cultivated. Seed.
- 457769. ETS 4858. CIMMYT. G3-2755-1. Endosperm yellow. Cultivated. Seed.
- 457770. ETS 4858. CIMMYT. G3-2755-2. Endosperm yellow. Cultivated. Seed.
- 457771. ETS 4859. CIMMYT. G3-2756-1. Seeds red. Cultivated. Seed.
- 457772. ETS 4859. CIMMYT. G3-2756-2. Seeds red. Cultivated. Seed.
- 457773. ETS 4861. CIMMYT. G3-2758-1. Seeds red. Cultivated. Seed.
- 457774. ETS 4861. CIMMYT. G3-2758-2. Seeds red. Cultivated. Seed.
- 457775. ETS 4862. CIMMYT. G3-2759-1. Endosperm yellow. Cultivated. Seed.
- 457776. ETS 4862. CIMMYT. G3-2759-2. Endosperm yellow. Cultivated. Seed.
- 457777. ETS 4863. CIMMYT. G3-2760. Seeds white. Cultivated. Seed.
- 457778. ETS 4866. CIMMYT. G3-2763-1. Cultivated. Seed.
- 457779. ETS 4866. CIMMYT. G3-2763-2. Cultivated. Seed.
- 457780. ETS 4867. CIMMYT. G3-2764-1. Seeds white. Cultivated. Seed.
- 457781. ETS 4867. CIMMYT. G3-2764-2. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

457782. ETS 4867. CIMMYT. G3-2764-3. Seeds white. Cultivated.
Seed.
457783. ETS 4869. CIMMYT. G3-2766-1. Endosperm yellow.
Cultivated. Seed.
457784. ETS 4869. CIMMYT. G3-2766-2. Endosperm yellow.
Cultivated. Seed.
457785. ETS 4869. CIMMYT. G3-2766-3. Endosperm yellow.
Cultivated. Seed.
457786. ETS 4870. CIMMYT. G3-2767-1. Seeds red. Cultivated. Seed.
457787. ETS 4870. CIMMYT. G3-2767-2. Seeds red. Cultivated. Seed.
457788. ETS 4872-A. CIMMYT. G3-2769-1. Cultivated. Seed.
457789. ETS 4872-A. CIMMYT. G3-2769-2. Cultivated. Seed.
457790. ETS 4872-B. CIMMYT. G3-2770-1. Cultivated. Seed.
457791. ETS 4872-B. CIMMYT. G3-2770-2. Cultivated. Seed.
457792. ETS 4875. CIMMYT. G3-2772-1. Seeds white. Cultivated.
Seed.
457793. ETS 4875. CIMMYT. G3-2772-2. Seeds white. Cultivated.
Seed.
457794. ETS 4875. CIMMYT. G3-2772-3. Seeds white. Cultivated.
Seed.
457795. ETS 4876. CIMMYT. G3-2775-1. Cultivated. Seed.
457796. ETS 4876. CIMMYT. G3-2775-2. Cultivated. Seed.
457797. ETS 4876. CIMMYT. G3-2775-3. Cultivated. Seed.
457798. ETS 4878. CIMMYT. G3-2774-1. Seeds white. Cultivated.
Seed.
457799. ETS 4878. CIMMYT. G3-2774-2. Seeds white. Cultivated.
Seed.
457800. ETS 4878. CIMMYT. G3-2774-3. Seeds white. Cultivated.
Seed.
457801. ETS 4878. CIMMYT. G3-2774-4. Seeds white. Cultivated.
Seed.

452502 TO 457915-continued

- 457802. ETS 4880. CIMMYT. G3-2775-1. Seeds white. Cultivated. Seed.
- 457803. ETS 4880. CIMMYT. G3-2775-2. Seeds white. Cultivated. Seed.
- 457804. ETS 4881. CIMMYT. G3-2776-1. Endosperm yellow. Cultivated. Seed.
- 457805. ETS 4881. CIMMYT. G3-2776-2. Endosperm yellow. Cultivated. Seed.
- 457806. ETS 4882-A. CIMMYT. G3-2777. Seeds red. Cultivated. Seed.
- 457807. ETS 4883. CIMMYT. G3-2779. Cultivated. Seed.
- 457808. ETS 4884. CIMMYT. G3-2780-1. Seeds red. Cultivated. Seed.
- 457809. ETS 4884. CIMMYT. G3-2780-2. Seeds red. Cultivated. Seed.
- 457810. ETS 4885-A. CIMMYT. G3-2781. Seeds red. Cultivated. Seed.
- 457811. ETS 4886. CIMMYT. G3-2783. Seeds red. Cultivated. Seed.
- 457812. ETS 4888. CIMMYT. G3-2785-1. Endosperm yellow. Cultivated. Seed.
- 457813. ETS 4888. CIMMYT. G3-2785-2. Endosperm yellow. Cultivated. Seed.
- 457814. ETS 4889. CIMMYT. G3-2786-1. Endosperm yellow. Cultivated. Seed.
- 457815. ETS 4889. CIMMYT. G3-2786-2. Endosperm yellow. Cultivated. Seed.
- 457816. ETS 4890. CIMMYT. G3-2787-1. Seeds bronze. Cultivated. Seed.
- 457817. ETS 4890. CIMMYT. G3-2787-2. Seeds bronze. Cultivated. Seed.
- 457818. ETS 4891. CIMMYT. G3-2788. Endosperm yellow. Cultivated. Seed.
- 457819. ETS 4892. CIMMYT. G3-2789-1. Seeds bronze. Cultivated. Seed.
- 457820. ETS 4892. CIMMYT. G3-2789-2. Seeds bronze. Cultivated. Seed.
- 457821. ETS 4893. CIMMYT. G3-2790-1. Seeds white. Cultivated.

452502 TO 457915-continued
Seed.

457822. ETS 4893. CIMMYT. G3-2790-2. Seeds white. Cultivated.
Seed.
457823. ETS 4893. CIMMYT. G3-2790-3. Seeds white. Cultivated.
Seed.
457824. ETS 4894. CIMMYT. G3-2791. Endosperm yellow. Cultivated.
Seed.
457825. ETS 4895. CIMMYT. G3-2792-1. Seeds bronze. Cultivated.
Seed.
457826. ETS 4895. CIMMYT. G3-2792-2. Seeds bronze. Cultivated.
Seed.
457827. ETS 4896. CIMMYT. G3-2793. Seeds bronze. Cultivated.
Seed.
457828. ETS 4898. CIMMYT. G3-2794-1. Endosperm yellow.
Cultivated. Seed.
457829. ETS 4898. CIMMYT. G3-2794-2. Endosperm yellow.
Cultivated. Seed.
457830. ETS 4899. CIMMYT. G3-2795-1. Seeds bronze. Cultivated.
Seed.
457831. ETS 4899. CIMMYT. G3-2795-2. Seeds bronze. Cultivated.
Seed.
457832. ETS 4900. CIMMYT. G3-2796. Endosperm yellow. Cultivated.
Seed.
457833. ETS 4901. CIMMYT. G3-2797-1. Endosperm yellow.
Cultivated. Seed.
457834. ETS 4901. CIMMYT. G3-2797-2. Endosperm yellow.
Cultivated. Seed.
457835. ETS 4901. CIMMYT. G3-2797-3. Endosperm yellow.
Cultivated. Seed.
457836. ETS 4901. CIMMYT. G3-2797-4. Endosperm yellow.
Cultivated. Seed.
457837. ETS 4902. CIMMYT. G3-2798-1. Endosperm yellow.
Cultivated. Seed.
457838. ETS 4902. CIMMYT. G3-2798-2. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

457839. ETS 4904. CIMMYT. G3-2800-1. Seeds bronze. Cultivated. Seed.
457840. ETS 4904. CIMMYT. G3-2800-2. Seeds bronze. Cultivated. Seed.
457841. ETS 4905-A. CIMMYT. G3-2801-1. Endosperm yellow. Cultivated. Seed.
457842. ETS 4905-A. CIMMYT. G3-2801-2. Endosperm yellow. Cultivated. Seed.
457843. ETS 4907. CIMMYT. G3-2803-1. Endosperm yellow. Cultivated. Seed.
457844. ETS 4907. CIMMYT. G3-2803-2. Endosperm yellow. Cultivated. Seed.
457845. ETS 4908. CIMMYT. G3-2804-1. Endosperm yellow. Cultivated. Seed.
457846. ETS 4908. CIMMYT. G3-2804-2. Endosperm yellow. Cultivated. Seed.
457847. ETS 4908. CIMMYT. G3-2804-3. Endosperm yellow. Cultivated. Seed.
457848. ETS 4909. CIMMYT. G3-2805-1. Endosperm yellow. Cultivated. Seed.
457849. ETS 4909. CIMMYT. G3-2805-2. Endosperm yellow. Cultivated. Seed.
457850. ETS 4910. CIMMYT. G3-2806-1. Seeds red. Cultivated. Seed.
457851. ETS 4910. CIMMYT. G3-2806-2. Seeds red. Cultivated. Seed.
457852. ETS 4911. CIMMYT. G3-2807-1. Endosperm yellow. Cultivated. Seed.
457853. ETS 4911. CIMMYT. G3-2807-2. Endosperm yellow. Cultivated. Seed.
457854. ETS 4912. CIMMYT. G3-2808-1. Endosperm yellow. Cultivated. Seed.
457855. ETS 4912. CIMMYT. G3-2808-2. Endosperm yellow. Cultivated. Seed.
457856. ETS 4912. CIMMYT. G3-2808-3. Endosperm yellow. Cultivated. Seed.

452502 TO 457915-continued

457857. ETS 4913. CIMMYT. G3-2809-1. Seeds white. Cultivated. Seed.
457858. ETS 4913. CIMMYT. G3-2809-2. Seeds white. Cultivated. Seed.
457859. ETS 4914. CIMMYT. G3-2810-1. Seeds bronze. Cultivated. Seed.
457860. ETS 4914. CIMMYT. G3-2810-2. Seeds bronze. Cultivated. Seed.
457861. ETS 4916. CIMMYT. G3-2812-1. Seeds bronze. Cultivated. Seed.
457862. ETS 4916. CIMMYT. G3-2812-2. Seeds bronze. Cultivated. Seed.
457863. ETS 4916. CIMMYT. G3-2812-3. Seeds bronze. Cultivated. Seed.
457864. ETS 4917. CIMMYT. G3-2813-1. Seeds red. Cultivated. Seed.
457865. ETS 4917. CIMMYT. G3-2813-2. Seeds red. Cultivated. Seed.
457866. ETS 4918. CIMMYT. G3-2814-1. Seeds red. Cultivated. Seed.
457867. ETS 4918. CIMMYT. G3-2814-2. Seeds red. Cultivated. Seed.
457868. ETS 4919. CIMMYT. G3-2815-1. Seeds red. Cultivated. Seed.
457869. ETS 4919. CIMMYT. G3-2815-2. Seeds red. Cultivated. Seed.
457870. ETS 4919. CIMMYT. G3-2815-3. Seeds red. Cultivated. Seed.
457871. ETS 4920. CIMMYT. G3-2816-1. Seeds bronze. Cultivated. Seed.
457872. ETS 4920. CIMMYT. G3-2816-2. Seeds bronze. Cultivated. Seed.
457873. ETS 4921. CIMMYT. G3-2817-1. Seeds white. Cultivated. Seed.
457874. ETS 4921. CIMMYT. G3-2817-2. Seeds white. Cultivated. Seed.
457875. ETS 4921. CIMMYT. G3-2817-3. Seeds white. Cultivated. Seed.
457876. ETS 4923. CIMMYT. G3-2819-1. Seeds red. Cultivated. Seed.

452502 TO 457915-continued

457877. ETS 4923. CIMMYT. G3-2819-2. Seeds red. Cultivated. Seed.
457878. ETS 4924. CIMMYT. G3-2820-1. Endosperm yellow.
Cultivated. Seed.
457879. ETS 4924. CIMMYT. G3-2820-2. Endosperm yellow.
Cultivated. Seed.
457880. ETS 4925. CIMMYT. G3-2821-1. Endosperm yellow.
Cultivated. Seed.
457881. ETS 4925. CIMMYT. G3-2821-2. Endosperm yellow.
Cultivated. Seed.
457882. ETS 4926. CIMMYT. G3-2822-1. Endosperm yellow.
Cultivated. Seed.
457883. ETS 4926. CIMMYT. G3-2822-2. Endosperm yellow.
Cultivated. Seed.
457884. ETS 4927. CIMMYT. G3-2823-1. Seeds bronze. Cultivated.
Seed.
457885. ETS 4927. CIMMYT. G3-2823-2. Seeds bronze. Cultivated.
Seed.
457886. ETS 4928. CIMMYT. G3-2824-1. Endosperm yellow.
Cultivated. Seed.
457887. ETS 4928. CIMMYT. G3-2824-2. Endosperm yellow.
Cultivated. Seed.
457888. ETS 4929. CIMMYT. G3-2825-1. Endosperm yellow.
Cultivated. Seed.
457889. ETS 4929. CIMMYT. G3-2825-2. Endosperm yellow.
Cultivated. Seed.
457890. ETS 4930. CIMMYT. G3-2826-1. Endosperm yellow.
Cultivated. Seed.
457891. ETS 4930. CIMMYT. G3-2826-2. Endosperm yellow.
Cultivated. Seed.
457892. ETS 4930. CIMMYT. G3-2826-3. Endosperm yellow.
Cultivated. Seed.
457893. ETS 4930. CIMMYT. G3-2826-4. Endosperm yellow.
Cultivated. Seed.
457894. ETS 4931. CIMMYT. G3-2827-1. Endosperm yellow.
Cultivated. Seed.

452502 TO 457915-continued

457895. ETS 4931. CIMMYT. G3-2827-2. Endosperm yellow.
Cultivated. Seed.
457896. ETS 4932. CIMMYT. G3-2828-1. Seeds bronze. Cultivated.
Seed.
457897. ETS 4932. CIMMYT. G3-2828-2. Seeds bronze. Cultivated.
Seed.
457898. ETS 4933. CIMMYT. G3-2829-1. Endosperm yellow.
Cultivated. Seed.
457899. ETS 4933. CIMMYT. G3-2829-2. Endosperm yellow.
Cultivated. Seed.
457900. ETS 4933. CIMMYT. G3-2829-3. Endosperm yellow.
Cultivated. Seed.
457901. ETS 4934. CIMMYT. G3-2830-1. Endosperm yellow.
Cultivated. Seed.
457902. ETS 4934. CIMMYT. G3-2830-2. Endosperm yellow.
Cultivated. Seed.
457903. ETS 4935. CIMMYT. G3-2831-1. Seeds bronze. Cultivated.
Seed.
457904. ETS 4935. CIMMYT. G3-2831-2. Seeds bronze. Cultivated.
Seed.
457905. ETS 4936. CIMMYT. G3-2832-1. Seeds white. Cultivated.
Seed.
457906. ETS 4936. CIMMYT. G3-2832-2. Seeds white. Cultivated.
Seed.
457907. ETS 4937. CIMMYT. G3-2833-1. Endosperm yellow.
Cultivated. Seed.
457908. ETS 4937. CIMMYT. G3-2833-2. Endosperm yellow.
Cultivated. Seed.
457909. ETS 4937. CIMMYT. G3-2833-3. Endosperm yellow.
Cultivated. Seed.
457910. ETS 4938. CIMMYT. G3-2834-1. Seeds bronze. Cultivated.
Seed.
457911. ETS 4938. CIMMYT. G3-2834-2. Seeds bronze. Cultivated.
Seed.
457912. ETS 4939. CIMMYT. G3-2835-1. Endosperm yellow.

452502 TO 457915-continued

Cultivated. Seed.

457913. ETS 4939. CIMMYT. G3-2835-2. Endosperm yellow.
Cultivated. Seed.

457914. ETS 2127. CIMMYT. G3-2836-1. Seeds white. Cultivated.
Seed.

457915. ETS 2127. CIMMYT. G3-2836-2. Seeds white. Cultivated.
Seed.

457916. *Citrullus lanatus* (Thunb.) Matsum. & Nakai (Cucurbitaceae)
Watermelon.

From Liberia. R. A. O. Abifarin, JARDA, Monrovia.
Received October 1980.

Seed.

457917 TO 457920. *Oryza sativa* L. (Poaceae) Rice.

From Pakistan. M. A. Awan, Nuclear Institute for Agriculture &
Biology, Faisalabad. Received through cooperative project
PL-480-FG-Pa-287.
Received February 1981.

457917. DM-107-4. Short stature mutant. Cultivated. Seed.

457918. DM-16-5-1. Short stature mutant. Cultivated. Seed.

457919. DM-16-5-2. Short stature mutant. Cultivated. Seed.

457920. DM-2. Short stature mutant. Cultivated. Seed.

457921 TO 457962. *Lupinus albus* L. (Fabaceae) White lupine.

From France. Station D'Amelioration des Plantes Fourrageres,
Institute National de la Recherche Agronomique, Lusignan.
Received December 1980.

457921. GR 1. Greece. Sparte. Winter Annual. Cultivated. Seed.

457922. GR 2. Greece. Githion. Winter Annual. Cultivated. Seed.

457923. GR 3. Greece. Winter Annual. Cultivated. Seed.

457924. GR 5. Greece. Ariopolis. Winter Annual. Cultivated. Seed.

457925. GR 6. Greece. Thelomai. Winter Annual. Cultivated. Seed.

457921 TO 457962-continued

457926. GR 7. Greece. Kalamata. Winter Annual. Cultivated. Seed.
457927. GR 8. Greece. Messine. Winter Annual. Cultivated. Seed.
457928. GR 9. Greece. Kiparissia. Winter Annual. Cultivated. Seed.
457929. GR 10. Greece. Market, Pirgos. Winter Annual. Cultivated. Seed.
457930. GR 11. Greece. Market, Arta. Winter Annual. Cultivated. Seed.
457931. GR 12. Greece. Market, Athens. Winter Annual. Cultivated. Seed.
457932. GR 13. Greece. Market, Athens. Winter Annual. Cultivated. Seed.
457933. LA 25. Market. Cultivated. Seed.
457934. LA 26. Winter Annual. Cultivated. Seed.
457935. LA 27. Winter Annual. Cultivated. Seed.
457936. LA 56. Greece. Cultivated. Seed.
457937. LA 57. Greece. Cultivated. Seed.
457938. LA 69. Morocco. 9483. Cultivated. Seed.
457939. LA 70. Spain. Cultivated. Seed.
457940. LA 71. Algeria. Market. Cultivated. Seed.
457941. LA 79. Spain. Valladolid. 1082. Cultivated. Breeding Material. Seed.
457942. LA 80. Spain. Valladolid. 1107. Cultivated. Breeding Material. Seed.
457943. LA 81. Spain. Valladolid. 1186. Cultivated. Breeding Material. Seed.
457944. LA 82. Spain. Valladolid. 1134. Cultivated. Breeding Material. Seed.
457945. LA 83. Spain. Valladolid. 1190. Cultivated. Breeding Material. Seed.
457946. LA 84. Spain. Valladolid. 1585. Cultivated. Breeding Material. Seed.

457921 TO 457962-continued

457947. LA 85. Spain. Valladolid. 1586. Cultivated. Breeding Material. Seed.
457948. LA 86. Spain. Valladolid. 1587. Cultivated. Breeding Material. Seed.
457949. LA 87. Spain. Valladolid. 1588. Cultivated. Breeding Material. Seed.
457950. LA 88. Spain. Valladolid. 1589. Cultivated. Breeding Material. Seed.
457951. LA 89. Spain. Valladolid. 1590. Cultivated. Breeding Material. Seed.
457952. LA 90. Spain. Valladolid. 1591. Cultivated. Breeding Material. Seed.
457953. LA 91. Spain. Valladolid. 1592. Cultivated. Breeding Material. Seed.
457954. LA 92. Spain. Valladolid. 1593. Cultivated. Breeding Material. Seed.
457955. LA 93. Spain. Valladolid. 1594. Cultivated. Breeding Material. Seed.
457956. LA 99. Soviet Union. Leningrad. N.I. Vavilov All-Union Institute of Plant Industry. VIR 1423. Georgian SSE. Winter Annual. Cultivated. Seed.
457957. LA 100. Italy. Pise. Winter Annual. Cultivated. Seed.
457958. LA 105. Italy. Cassino. Local name Lupino. Winter Annual. Cultivated. Seed.
457959. LA 106. Italy. Vairano. Local name Lupino. Winter Annual. Cultivated. Seed.
457960. LA 107. Italy. Vairano. Local name Lupinone. Winter Annual. Cultivated. Seed.
457961. LA 108. Italy. Filadelfia. Winter Annual. Cultivated. Seed.
457962. LA 109. Italy. Cortale. Winter Annual. Cultivated. Seed.

457963 TO 458012. *Lupinus mutabilis* Sweet (Fabaceae).

From France. Station D'Amelioration des Plantes Fourrageres, Institute National de la Recherche Agronomique, Lusignan.

457963 TO 458012-continued
Received December 1980.

457963. LM 1. Jardin Botanique. Cultivated. Seed.
457964. LM 13. Cruickshanks. Czechoslovakia. Prague. Cultivated. Seed.
457965. LM 15. Bolivia. Australia CSIRO, CPI 54753. Cultivated. Seed.
457966. LM 27. Peru. Cuzco. CTC 181. Cultivated. Seed.
457967. LM 32. Morocco. 1111. Cultivated. Seed.
457968. LM 40. Peru. Kaira. Cultivated. Seed.
457969. LM 46. Peru. Cuzco. CTC 4. Cultivated. Seed.
457970. LM 47. Peru. Cuzco. CTC 6. Cultivated. Seed.
457971. LM 48. Peru. Cuzco. CTC 7. Cultivated. Seed.
457972. LM 49. Peru. Cuzco. CTC 8. Cultivated. Seed.
457973. LM 50. Peru. Cuzco. CTC 11. Cultivated. Seed.
457974. LM 51. Peru. Cuzco. CTC 13. Cultivated. Seed.
457975. LM 52. Peru. Cuzco. CTC 16. Cultivated. Seed.
457976. LM 53. Peru. Cuzco. CTC 17. Cultivated. Seed.
457977. LM 54. Peru. Cuzco. CTC 18. Cultivated. Seed.
457978. LM 56. Peru. Cuzco. CTC 19. Cultivated. Seed.
457979. LM 57. Peru. Cuzco. CTC 21. Cultivated. Seed.
457980. LM 58. Peru. Cuzco. CTC 24. Cultivated. Seed.
457981. LM 59. Peru. Cuzco. CTC 26. Cultivated. Seed.
457982. LM 60. Peru. Cuzco. CTC 28. Cultivated. Seed.
457983. LM 61. Peru. Cuzco. CTC 29. Cultivated. Seed.
457984. LM 62. Peru. Cuzco. CTC 30. Cultivated. Seed.
457985. LM 63. Peru. Cuzco. CTC 32. Cultivated. Seed.
457986. LM 64. Peru. Cuzco. CTC 33. Cultivated. Seed.
457987. LM 65. Peru. Cuzco. CTC 36. Cultivated. Seed.

457963 TO 458012-continued

457988. LM 66. Peru. Cuzco. CTC 37. Cultivated. Seed.
457989. LM 67. Peru. Cuzco. CTC 38. Cultivated. Seed.
457990. LM 68. Peru. Cuzco. CTC 39. Cultivated. Seed.
457991. LM 69. Peru. Cuzco. CTC 40. Cultivated. Seed.
457992. LM 70. Peru. Cuzco. CTC 43. Cultivated. Seed.
457993. LM 71. Peru. Cuzco. CTC 46. Cultivated. Seed.
457994. LM 72. Peru. Cuzco. CTC 47. Cultivated. Seed.
457995. LM 73. Peru. Cuzco. CTC 49. Cultivated. Seed.
457996. LM 74. Peru. Cuzco. CTC 50. Cultivated. Seed.
457997. LM 75. Peru. Cuzco. CTC 56. Cultivated. Seed.
457998. LM 76. Peru. Cuzco. CTC 58. Cultivated. Seed.
457999. LM 77. Peru. Cuzco. CTC 117. Cultivated. Seed.
458000. LM 78. Peru. Cuzco. CTC 147. Cultivated. Seed.
458001. LM 79. Peru. Cuzco. CTC 167. Cultivated. Seed.
458002. LM 88. Peru. Cuzco. CTC 1. Cultivated. Seed.
458003. LM 89. Peru. Cuzco. CTC 5. Cultivated. Seed.
458004. LM 91. Peru. Cuzco. CTC 59. Cultivated. Seed.
458005. LM 92. Peru. Cuzco. CTC 134. Cultivated. Seed.
458006. LM 93. Peru. Cuzco. CTC 135. Cultivated. Seed.
458007. LM 94. Peru. Cuzco. CTC 163. Cultivated. Seed.
458008. LM 96. Peru. Cuzco. CTC 185. Cultivated. Seed.
458009. LM 97. Peru. Cultivated. Seed.
458010. LM 99. Peru. ANC 032. Cultivated. Seed.
458011. LM 100. Peru. ANC 059. 920. Cultivated. Seed.
458012. LM 105. Peru. ANC 039. Cultivated. Seed.

458013. *Ornithopus compressus* L. (Fabaceae).

From Tunisia. W. Graves, USAID, Tunis.
Received January 1981.

Tunisia. Sedjanane. INRAT. 105. Low hard-seeded strain.
Tolerant to low pH and to sandy soil. Cultivated.
Breeding Material. Seed.

458014. *Ornithopus sativus* Brot. (Fabaceae) Serradella.

From Tunisia. W. Graves, USAID, Tunis.
Received January 1981.

Tunisia. Sedjanane. INRAT. Low hard-seeded strain.
Tolerant to low pH and to sandy soil. Cultivated.
Breeding Material. Seed.

458015. *Trifolium subterraneum* L. (Fabaceae) Subterranean clover.

From Tunisia. W. Graves, USAID, Tunis.
Received January 1981.

Tunisia. Sedjanane. INRAT. DMN 5. Tolerant to low pH.
Cultivated. Breeding Material. Seed.

458016. *Hedysarum coronarium* L. (Fabaceae) French honeysuckle.

From Tunisia. H. D. Galt, USAID, Tunis.
Received January 1981.

Local name Sulla. Cultivated. Seed.

458017. *Vicia faba* L. (Fabaceae) Broadbean.

From Tunisia. H. D. Galt, USAID, Tunis.
Received January 1981.

Cultivated. Seed.

458018 TO 458307. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Korea, Republic of. Shin Han Kwon, Korea Atomic Energy
Research Institute, Cheong Ryang, Seoul.
Received February 1981.

458018. KAERI-GNT 100-1-1. Youngsan Market, Seoul. Cultivated.
Seed.

458018 TO 458307-continued

458019. KAERI-GNT 100-6. Youngsan Market, Seoul. Cultivated. Seed.
458020. KAERI-GNT 100-11-2. Youngsan Market, Seoul. Cultivated. Seed.
458021. KAERI-GNT 101-3-1. Seongnam area, Seoul. Cultivated. Seed.
458022. KAERI-GNT 101-3-2. Seongnam area, Seoul. Cultivated. Seed.
458023. KAERI-GNT 160-6. Eujeongbu, Gyeonggi-Do Province. Cultivated. Seed.
458024. KAERI-GNT 160-8. Eujeongbu, Gyeonggi-Do Province. Cultivated. Seed.
458025. KAERI-GNT 160-11. Eujeongbu, Gyeonggi-Do Province. Cultivated. Seed.
458026. KAERI-GNT 160-12. Eujeongbu, Gyeonggi-Do Province. Cultivated. Seed.
458027. KAERI-GNT 170-8. Suwon, Gyeonggi-Do Province. Cultivated. Seed.
458028. KAERI-GNT 172-2. Yeosu, Gyeonggi-Do Province. Cultivated. Seed.
458029. KAERI-GNT 172-7. Yeosu, Gyeonggi-Do Province. Cultivated. Seed.
458030. KAERI-GNT 172-11-1. Yeosu, Gyeonggi-Do Province. Cultivated. Seed.
458031. KAERI-GNT 172-11-2. Yeosu, Gyeonggi-Do Province. Cultivated. Seed.
458032. KAERI-GNT 200-7. Chuncheon, Gangwon-Do Province. Cultivated. Seed.
458033. KAERI-GNT 200-21-1. Chuncheon, Gangwon-Do Province. Cultivated. Seed.
458034. KAERI-GNT 200-21-2. Chuncheon, Gangwon-Do Province. Cultivated. Seed.
458035. KAERI-GNT 201-1-2. Hwacheon, Gangwon-Do Province. Cultivated. Seed.
458036. KAERI-GNT 201-8-1. Hwacheon, Gangwon-Do Province.

458018 TO 458307-continued

- Cultivated. Seed.
458037. KAERI-GNT 210-16. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458038. KAERI-GNT 210-17. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458039. KAERI-GNT 210-18. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458040. KAERI-GNT 210-19. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458041. KAERI-GNT 210-20. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458042. KAERI-GNT 210-21. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458043. KAERI-GNT 210-22. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458044. KAERI-GNT 210-23. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458045. KAERI-GNT 210-24. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458046. KAERI-GNT 210-25. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458047. KAERI-GNT 210-26. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458048. KAERI-GNT 210-27. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458049. KAERI-GNT 210-28. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458050. KAERI-GNT 210-29. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458051. KAERI-GNT 210-30. Gangreung, Gangweon-Do Province.
Cultivated. Seed.
458052. KAERI-GNT 233-5. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
458053. KAERI-GNT 233-6. Sogcho, Gangweon-Do Province.
Cultivated. Seed.

458018 TO 458307-continued

- 458054. KAERI-GNT 233-7. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458055. KAERI-GNT 233-8. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458056. KAERI-GNT 233-9. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458057. KAERI-GNT 233-10. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458058. KAERI-GNT 233-11. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458059. KAERI-GNT 233-12. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458060. KAERI-GNT 233-13. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458061. KAERI-GNT 233-14. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458062. KAERI-GNT 233-15. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458063. KAERI-GNT 233-16. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458064. KAERI-GNT 233-17. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458065. KAERI-GNT 233-18. Sogcho, Gangweon-Do Province.
Cultivated. Seed.
- 458066. KAERI-GNT 234-5. Mugho, Gangweon-Do Province.
Cultivated. Seed.
- 458067. KAERI-GNT 234-6. Mugho, Gangweon-Do Province.
Cultivated. Seed.
- 458068. KAERI-GNT 234-7. Mugho, Gangweon-Do Province.
Cultivated. Seed.
- 458069. KAERI-GNT 234-8. Mugho, Gangweon-Do Province.
Cultivated. Seed.
- 458070. KAERI-GNT 234-9. Mugho, Gangweon-Do Province.
Cultivated. Seed.
- 458071. KAERI-GNT 234-10. Mugho, Gangweon-Do Province.

458018 TO 458307-continued
Cultivated. Seed.

458072. KAERI-GNT 234-11. Mugho, Gangweon-Do Province.
Cultivated. Seed.
458073. KAERI-GNT 234-12. Mugho, Gangweon-Do Province.
Cultivated. Seed.
458074. KAERI-GNT 235-19. Inje, Gangweon-Do Province.
Cultivated. Seed.
458075. KAERI-GNT 235-20. Inje, Gangweon-Do Province.
Cultivated. Seed.
458076. KAERI-GNT 235-21. Inje, Gangweon-Do Province.
Cultivated. Seed.
458077. KAERI-GNT 235-22. Inje, Gangweon-Do Province.
Cultivated. Seed.
458078. KAERI-GNT 235-23. Inje, Gangweon-Do Province.
Cultivated. Seed.
458079. KAERI-GNT 235-24. Inje, Gangweon-Do Province.
Cultivated. Seed.
458080. KAERI-GNT 237-4. Yangyang, Gangweon-Do Province.
Cultivated. Seed.
458081. KAERI-GNT 240-1. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458082. KAERI-GNT 240-2. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458083. KAERI-GNT 240-3. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458084. KAERI-GNT 240-4. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458085. KAERI-GNT 240-5. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458086. KAERI-GNT 240-6. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458087. KAERI-GNT 240-7. Ogge, Gangweon-Do Province. Cultivated.
Seed.
458088. KAERI-GNT 240-8. Ogge, Gangweon-Do Province. Cultivated.
Seed.

458018 TO 458307-continued

- 458089. KAERI-GNT 240-9. Ogge, Gangweon-Do Province. Cultivated. Seed.
- 458090. KAERI-GNT 241-1. Samcheog, Gangweon-Do Province. Cultivated. Seed.
- 458091. KAERI-GNT 241-2. Samcheog, Gangweon-Do Province. Cultivated. Seed.
- 458092. KAERI-GNT 241-3. Samcheog, Gangweon-Do Province. Cultivated. Seed.
- 458093. KAERI-GNT 241-4. Samcheog, Gangweon-Do Province. Cultivated. Seed.
- 458094. KAERI-GNT 241-5. Samcheog, Gangweon-Do Province. Cultivated. Seed.
- 458095. KAERI-GNT 241-7. Samcheog, Gangweon-Do Province. Cultivated. Seed.
- 458096. KAERI-GNT 242-1. Geundeog, Gangweon-Do Province. Cultivated. Seed.
- 458097. KAERI-GNT 243-1. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458098. KAERI-GNT 243-2. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458099. KAERI-GNT 243-3. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458100. KAERI-GNT 243-4. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458101. KAERI-GNT 243-5. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458102. KAERI-GNT 243-6. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458103. KAERI-GNT 243-7. Imjin, Gangweon-Do Province. Cultivated. Seed.
- 458104. KAERI-GNT 244-1. Hosan, Gangweon-Do Province. Cultivated. Seed.
- 458105. KAERI-GNT 244-2. Hosan, Gangweon-Do Province. Cultivated. Seed.
- 458106. KAERI-GNT 244-3. Hosan, Gangweon-Do Province.

458018 TO 458307-continued

- Cultivated. Seed.
458107. KAERI-GNT 244-4. Hosan, Gangweon-Do Province.
Cultivated. Seed.
458108. KAERI-GNT 244-5. Hosan, Gangweon-Do Province.
Cultivated. Seed.
458109. KAERI-GNT 244-6. Hosan, Gangweon-Do Province.
Cultivated. Seed.
458110. KAERI-GNT 301-4. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458111. KAERI-GNT 301-5. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458112. KAERI-GNT 301-6. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458113. KAERI-GNT 301-7. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458114. KAERI-GNT 301-8. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458115. KAERI-GNT 301-9. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458116. KAERI-GNT 301-10. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458117. KAERI-GNT 301-11. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458118. KAERI-GNT 301-12. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458119. KAERI-GNT 301-13. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458120. KAERI-GNT 301-14. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458121. KAERI-GNT 301-15. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458122. KAERI-GNT 301-16. Gongju, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458123. KAERI-GNT 330-4. Cheonan, Chungcheong-Nam-Do Province.
Cultivated. Seed.

458018 TO 458307-continued

458124. KAERI-GNT 330-6. Cheonan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458125. KAERI-GNT 354-3. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458126. KAERI-GNT 354-4. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458127. KAERI-GNT 354-5. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458128. KAERI-GNT 354-6. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458129. KAERI-GNT 354-7. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458130. KAERI-GNT 354-8. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458131. KAERI-GNT 354-9. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458132. KAERI-GNT 354-10. Seocheon, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458133. KAERI-GNT 355-8. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458134. KAERI-GNT 355-9. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458135. KAERI-GNT 355-10. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458136. KAERI-GNT 355-11. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458137. KAERI-GNT 355-12. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458138. KAERI-GNT 355-13. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458139. KAERI-GNT 355-14. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458140. KAERI-GNT 355-15. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458141. KAERI-GNT 355-16. Janghang, Chungcheong-Nam-Do Province.

458018 TO 458307-continued

- Cultivated. Seed.
458142. KAERI-GNT 355-17. Janghang, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458143. KAERI-GNT 361-7. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458144. KAERI-GNT 361-8. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458145. KAERI-GNT 361-9. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458146. KAERI-GNT 361-17. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458147. KAERI-GNT 361-18. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458148. KAERI-GNT 361-19. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458149. KAERI-GNT 361-20. Nonsan, Chungcheong-Nam-Do Province.
Cultivated. Seed.
458150. KAERI-GNT 363-7. Ganggyeong, Chungcheong-Nam-Do
Province. Cultivated. Seed.
458151. KAERI-GNT 363-8. Ganggyeong, Chungcheong-Nam-Do
Province. Cultivated. Seed.
458152. KAERI-GNT 363-9. Ganggyeong, Chungcheong-Nam-Do
Province. Cultivated. Seed.
458153. KAERI-GNT 363-10. Ganggyeong, Chungcheong-Nam-Do
Province. Cultivated. Seed.
458154. KAERI-GNT 370-25. Boeun, Chungcheong-Bug-Do Province.
Cultivated. Seed.
458155. KAERI-GNT 370-26. Boeun, Chungcheong-Bug-Do Province.
Cultivated. Seed.
458156. KAERI-GNT 510-14. Iri, Jeora-Bug-Do Province.
Cultivated. Seed.
458157. KAERI-GNT 510-15. Iri, Jeora-Bug-Do Province.
Cultivated. Seed.
458158. KAERI-GNT 510-16. Iri, Jeora-Bug-Do Province.
Cultivated. Seed.

458018 TO 458307-continued

- 458159. KAERI-GNT 510-17. Iri, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458160. KAERI-GNT 512-1. Igsan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458161. KAERI-GNT 512-2. Igsan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458162. KAERI-GNT 512-3. Igsan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458163. KAERI-GNT 512-4. Igsan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458164. KAERI-GNT 523-7. Jinan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458165. KAERI-GNT 523-8. Jinan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458166. KAERI-GNT 523-9. Jinan, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458167. KAERI-GNT 524-9. Muju, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458168. KAERI-GNT 524-10. Muju, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458169. KAZRI-GNT 524-11. Muju, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458170. KAERI-GNT 524-12. Muju, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458171. KAERI-GNT 524-13. Muju, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458172. KAERI-GNT 524-14. Muju, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458173. KAERI-GNT 530-18. Namweon, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458174. KAERI-GNT 530-19. Namweon, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458175. KAERI-GNT 530-20. Namweon, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458176. KAERI-GNT 530-21. Namweon, Jeora-Bug-Do Province.

458018 TO 458307-continued

Cultivated. Seed.

458177. KAERI-GNT 530-22. Namwon, Jeora-Bug-Do Province.
Cultivated. Seed.
458178. KAERI-GNT 540-21. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458179. KAERI-GNT 540-22. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458180. KAERI-GNT 540-23. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458181. KAERI-GNT 540-24. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458182. KAERI-GNT 540-25. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458183. KAERI-GNT 540-26. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458184. KAERI-GNT 540-27. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458185. KAERI-GNT 540-28. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458186. KAERI-GNT 540-29. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458187. KAERI-GNT 540-30. Suncheon, Jeora-Nam-Do Province.
Cultivated. Seed.
458188. KAERI-GNT 544-25. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.
458189. KAERI-GNT 544-26. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.
458190. KAERI-GNT 544-27. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.
458191. KAERI-GNT 544-28. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.
458192. KAERI-GNT 544-29. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.
458193. KAERI-GNT 544-30. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.

458018 TO 458307-continued

- 458194. KAERI-GNT 544-31. Gwangju, Jeora-Nam Do Province.
Cultivated. Seed.
- 458195. KAERI-GNT 547-4. Boseong, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458196. KAERI-GNT 547-5. Boseong, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458197. KAERI-GNT 547-6. Boseong, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458198. KAERI-GNT 547-7. Boseong, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458199. KAERI-GNT 547-8. Boseong, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458200. KAERI-GNT 547-9. Boseong, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458201. KAERI-GNT 560-8. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458202. KAERI-GNT 560-9. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458203. KAERI-GNT 560-10. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458204. KAERI-GNT 560-11. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458205. KAERI-GNT 560-12. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458206. KAERI-GNT 560-13. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458207. KAERI-GNT 560-14. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458208. KAERI-GNT 560-15. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458209. KAERI-GNT 560-16. Jeongeub, Jeora-Bug-Do Province.
Cultivated. Seed.
- 458210. KAERI-GNT 573-1. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458211. KAERI-GNT 573-2. Youngsanpo, Jeora-Nam-Do Province.

458018 TO 458307-continued

- Cultivated. Seed.
458212. KAERI-GNT 573-3. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458213. KAERI-GNT 573-4. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458214. KAZRI-GNT 573-5. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458215. KAERI-GNT 573-6. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458216. KAERI-GNT 573-7. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458217. KAERI-GNT 573-8. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458218. KAERI-GNT 573-9. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458219. KAERI-GNT 573-10. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458220. KAERI-GNT 573-11. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458221. KAERI-GNT 573-12. Youngsanpo, Jeora-Nam-Do Province.
Cultivated. Seed.
458222. KAERI-GNT 574-2. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458223. KAERI-GNT 574-3. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458224. KAERI-GNT 574-4. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458225. KAERI-GNT 574-5. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458226. KAERI-GNT 574-6. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458227. KAERI-GNT 574-7. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458228. KAERI-GNT 574-8. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.

458018 TO 458307-continued

458229. KAERI-GNT 574-9. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458230. KAERI-GNT 574-10. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458231. KAERI-GNT 574-11. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458232. KAERI-GNT 574-12. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458233. KAERI-GNT 574-13. Wando, Jeora-Nam-Do Province.
Cultivated. Seed.
458234. KAERI-GNT 576-5. Haenam, Jeora-Nam-Do Province.
Cultivated. Seed.
458235. KAERI-GNT 576-6. Haenam, Jeora-Nam-Do Province.
Cultivated. Seed.
458236. KAZRI-GNT 576-7. Haenam, Jeora-Nam-Do Province.
Cultivated. Seed.
458237. KAERI-GNT 576-8. Haenam, Jeora-Nam-Do Province.
Cultivated. Seed.
458238. KAERI-GNT 577-1. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458239. KAERI-GNT 577-2. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458240. KAERI-GNT 577-3. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458241. KAERI-GNT 577-4. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458242. KAERI-GNT 577-5. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458243. KAERI-GNT 577-6. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458244. KAERI-GNT 577-7. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458245. KAERI-GNT 577-8. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458246. KAERI-GNT 577-9. Yongam, Jeora-Nam-Do Province.

458018 TO 458307-continued

- Cultivated. Seed.
458247. KAERI-GNT 577-10. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458248. KAERI-GNT 577-11. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458249. KAERI-GNT 577-12. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458250. KAERI-GNT 577-13. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458251. KAERI-GNT 577-14. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458252. KAERI-GNT 577-15. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458253. KAERI-GNT 577-16. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458254. KAERI-GNT 577-17. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458255. KAERI-GNT 577-18. Yongam, Jeora-Nam-Do Province.
Cultivated. Seed.
458256. KAERI-GNT 578-1. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458257. KAERI-GNT 578-2. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458258. KAERI-GNT 578-3. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458259. KAERI-GNT 578-4. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458260. KAERI-GNT 578-5. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458261. KAERI-GNT 578-6. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458262. KAERI-GNT 578-7. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
458263. KAERI-GNT 578-8. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.

458018 TO 458307-continued

- 458264. KAERI-GNT 578-9. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458265. KAERI-GNT 578-10. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458266. KAERI-GNT 578-11. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458267. KAERI-GNT 578-12. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458268. KAERI-GNT 578-13. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458269. KAERI-GNT 578-14. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458270. KAERI-GNT 578-15. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458271. KAERI-GNT 578-16. Gangjin, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458272. KAERI-GNT 579-1. Beolgyo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458273. KAERI-GNT 579-2. Beolgyo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458274. KAERI-GNT 579-3. Beolgyo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458275. KAERI-GNT 580-1. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458276. KAERI-GNT 580-2. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458277. KAERI-GNT 580-3. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458278. KAERI-GNT 580-4. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458279. KAERI-GNT 580-5. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458280. KAERI-GNT 580-6. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
- 458281. KAERI-GNT 580-7. Jindo, Jeora-Nam-Do Province.

458018 TO 458307-continued

Cultivated. Seed.

458282. KAERI-GNT 580-8. Jindo, Jeora-Nam-Do Province.
Cultivated. Seed.
458283. KAERI-GNT 581-21. Jeonju, Jeora-Bug-Do Province.
Cultivated. Seed.
458284. KAERI-GNT 581-22. Jeonju, Jeora-Bug-Do Province.
Cultivated. Seed.
458285. KAERI-GNT 581-23. Jeonju, Jeora-Bug-Do Province.
Cultivated. Seed.
458286. KAERI-GNT 581-24. Jeonju, Jeora-Bug-Do Province.
Cultivated. Seed.
458287. KAERI-GNT 581-25. Jeonju, Jeora-Bug-Do Province.
Cultivated. Seed.
458288. KAERI-GNT 581-26. Jeonju, Jeora-Bug-Do Province.
Cultivated. Seed.
458289. KAERI-GNT 607-1. Changyeang, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458290. KAERI-GNT 607-2. Changyeang, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458291. KAERI-GNT 608-1. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458292. KAERI-GNT 608-2. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458293. KAERI-GNT 608-3. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458294. KAERI-GNT 608-4. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458295. KAERI-GNT 608-5. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458296. KAERI-GNT 608-6. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458297. KAERI-GNT 608-7. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.
458298. KAERI-GNT 608-8. Samnangjin, Gyeongsang-Nam-Do Province.
Cultivated. Seed.

458018 TO 458307-continued

- 458299. KAERI-GNT 609-1. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458300. KAERI-GNT 609-2. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458301. KAERI-GNT 609-3. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458302. KAERI-GNT 609-4. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458303. KAERI-GNT 609-5. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458304. KAERI-GNT 609-6. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458305. KAERI-GNT 609-7. Jinyoung, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458306. KAERI-GNT 612-10. Masan, Gyeongsang-Nam-Do Province. Cultivated. Seed.
- 458307. KAERI-GNT 612-13. Masan, Gyeongsang-Nam-Do Province. Cultivated. Seed.

458308 TO 458316. *Solanum chacoense* Bitter (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce. Received January 1981.

- 458308. Hof 1550. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 706. Collected 1970. Near Campo Quijino, Rosario de Lerma, Salta. 1600M. Wild. Seed.
- 458309. Hof 1560. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7011. Collected 1970. Encrucijada del Chani, Capital, Jujuy. 2450M. Wild. Seed.
- 458310. Oka 4812. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 737. Collected March 15, 1973. Cumbrecita, 37km NE of General Belgrano, de Calamuchita, S. Maria, Cordoba. 1200M. Wild. Seed.
- 458311. Oka 4851. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7343. Collected March 26, 1973. Incamayo, Rosario de Lerma, Salta. 2280M. Wild. Seed.

458308 TO 458316-continued

458312. Oka 4955. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73138. Collected April 11, 1973. Rosario de Colona, Poman, Catamarca. 1600M. Wild. Seed.
458313. Oka 4956. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73139. Collected April 11, 1973. Mutquin, 4km N of Rosario de Colona, Poman, Catamarca. 1700M. Wild. Seed.
458314. Oka 4957. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73140. Collected April 11, 1973. Mutquin, 4km N of Rosario de Colona, Poman, Catamarca. 1700M. Wild. Seed.
458315. Oka 5319. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 749. Collected February 1974. Quebrada del Sauce, Sierra de Velasco, Capital, La Rioja. 700M. Wild. Seed.
458316. Oka 6045. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 751. Collected March 19, 1975. Sierra de Velasco, Capital, La Rioja. Wild. Seed.

458317 TO 458319. *Solanum commersonii* Dunal ex Poir. (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458317. Oka 4584. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72365. Collected July 23, 1972. Near Balcarce, Sierra de Bachicha, partido de Balcarce, Buenos Aires. 150M. Wild. Seed.
458318. Oka 5071. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73232. Collected 1973. Mercedes, Corrientes. Wild. Seed.
458319. Oka 5138. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73243. Collected 1973. Mar del Plata, partido de Gral Pueyrredon, Buenos Aires. 30M. Wild. Seed.

458320 TO 458326. *Solanum infundibuliforme* Phil. (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458320 TO 458326-continued

458320. Oka 3853. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7199. Collected April 04, 1971. East, 12km of La Quiaca, Yavi, Jujuy. 3560M. Wild. Seed.
458321. Oka 3861. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71101. Collected April 04, 1971. East, 12km of La Quiaca, Yavi, Jujuy. 3560M. Wild. Seed.
458322. Oka 3966. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71169. Collected April 07, 1971. Unopujito, near El Angosto, Santa Catalina, Jujuy. 3700M. Wild. Seed.
458323. Oka 4010. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71201. Collected April 08, 1971. Rinconada, Rinconada, Jujuy. 4000M. Wild. Seed.
458324. Oka 4348. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72149. Collected March 18, 1972. Quebrada de Sepulturas, Tumbaya, Jujuy. 3200M. Wild. Seed.
458325. Oka 4426. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72224. Collected March 26, 1972. Between Casa Colorada y quebrada del Chorro, Tilcara, Jujuy. 3400M. Wild. Seed.
458326. Oka 4505. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72296. Collected April 03, 1972. Sierra Alta, quebrada de la Soledad, Humahuaca, Jujuy. 3560M. Wild. Seed.

458327 TO 458333. *Solanum kurtzianum* Bitter & Wittm. ex Engl.
(Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458327. Oka 4940. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73123. Collected April 09, 1973. Cuesta de Belen, Belen, Catamarca. 1100M. Wild. Seed.
458328. Oka 4946. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73129. Collected April 10, 1973. Quebrada del Cura, Andalgalá, Catamarca. 1200M. Wild. Seed.
458329. Oka 4971. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73154. Collected April 13, 1973. East, 11km of Andalgalá, Andalgalá, Catamarca. 900M. Wild.

458327 TO 458333-continued
Seed.

458330. Oka 4973. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73156. Collected April 13, 1973. Cuesta de las Chilcas, Andalgalá, Catamarca. 1400M. Wild. Seed.
458331. Oka 4985. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73166. Collected April 16, 1973. Quebrada de la Puerta, Chilecito, La Rioja. 1300M. Wild. Seed.
458332. Oka 4991. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73172. Collected April 19, 1973. General Lavalle, on way to El Chuschin, La Rioja. 1600M. Wild. Seed.
458333. Oka 5027. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 73206. Collected April 28, 1973. Cuesta de Zapata, Tinogasta-Belen, Catamarca. 1800M. Wild. Seed.

458334 TO 458338. *Solanum leptophyes* Bitter (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458334. Oka 4040. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71221. Collected April 17, 1971. Nacional Route 40, 18km N of La Poma, La Poma, Salta. 3320M. Received as *S. spegazzinii*. Wild. Seed.
458335. Oka 4051. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71229. Collected April 19, 1971. South 24km of Route 59, San Carlos, Salta. 3200M. Received as *S. spegazzinii*. Wild. Seed.
458336. Oka 4267. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7270. Collected February 02, 1972. Cuesta del Agua Hedionda, east of Angulos, Famatina, La Rioja. 2400M. Received as *S. spegazzinii*. Wild. Seed.
458337. Oka 4268. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7271. Collected February 06, 1972. Arroyo del Medio, east of Angulos, Famatina, La Rioja. 2400M. Received as *S. spegazzinii*. Wild. Seed.
458338. Oka 6147. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7577. Collected April 26, 1975. Condor Huasi, 14km northeast of Route 40, Belen,

458334 TO 458338-continued

Catamarca. 1920M. Received as *S. spagazzinii*. Wild. Seed.

458339 TO 458345. *Solanum leptophyes* f. *gourlayi* (Hawkes) Corr.
(Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458339. Oka 4320. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72121. Collected March 17, 1972. Quebrada de Estancia Grande, Tumbaya, Jujuy. 3200M. Received as *S. gourlayi*. Wild. Seed.

458340. Oka 4328. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72129. Collected March 17, 1972. Quebrada de Estancia Grande, Tumbaya, Jujuy. 3300M. Received as *S. gourlayi*. Wild. Seed.

458341. Oka 4331. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72132. Collected March 17, 1972. Quebrada de Estancia Grande, Tumbaya, Jujuy. 3300M. Received as *S. gourlayi*. Wild. Seed.

458342. Oka 4344. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72145. Collected March 18, 1972. Quebrada de Sepulturas, Tumbaya, Jujuy. 3100M. Received as *S. gourlayi*. Wild. Seed.

458343. Oka 4345. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72146. Collected March 18, 1972. Quebrada de Sepulturas, Tumbaya, Jujuy. 3100M. Received as *S. gourlayi*. Wild. Seed.

458344. Oka 4438. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72235. Collected March 26, 1972. Quebrada del Chorro, Tilacra, Jujuy. 3900M. Received as *S. gourlayi*. Wild. Seed.

458345. Oka 4837. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7327. Collected March 21, 1973. El Rodeo, La Poma, Salta. 3900M. Received as *S. gourlayi*. Wild. Seed.

458346 TO 458352. *Solanum megistacrolobum* Bitter (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458346 TO 458352-continued

458346. Hof 1629. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7032. Collected 1970. Escuela Mayinte, Cochinoca, Jujuy. 3650M. Wild. Seed.
458347. Hof 1682. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7050. Collected 1970. On the way to El Angosta, 19km E of Santa Catalina, Santa Catalina, Jujuy. 4200M. Wild. Seed.
458348. Oka 3906. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71116. Collected April 05, 1971. Tafna, Yavi, Jujuy. 3600M. Wild. Seed.
458349. Oka 3933. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71141. Collected April 06, 1971. East 24km of Santa Catalina, Santa Catalina, Jujuy. 4200M. Wild. Seed.
458350. Oka 3989. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71186. Collected April 08, 1971. Quebrada Huancayacta, Rinconada, Jujuy. 3800M. Wild. Seed.
458351. Oka 4018. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71205. Collected April 11, 1971. Near Abra de Fundiciones, Rinconada, Jujuy. 4200M. Wild. Seed.
458352. Oka 4421. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72219. Collected March 24, 1972. El Angosto, Tilcara, Jujuy. 4000M. Wild. Seed.

458353 TO 458358. *Solanum microdontum* Bitt. (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458353. Oka 2896. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 67108. Wild. Seed.
458354. Oka 2910. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 67142. Collected November 24, 1967. Chicligasta, Tucuman. 1500M. Wild. Seed.
458355. Oka 4398. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72199. Collected March 23, 1972. El Durazno, Tilcara, Jujuy. 2700M. Wild. Seed.
458356. Oka 4478. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72270. Collected April 01, 1972.

458353 TO 458358-continued

Santa Cruz, Oran, Salta. 3000M. Wild. Seed.

458357. Oka 4479. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72271. Collected April 01, 1972. Santa Cruz, Oran, Salta. 3000M. Wild. Seed.

458358. Oka 4820. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7314. Collected April 02, 1973. Quebrada de Escoipe, Chicoana, Salta. 1800M. Wild. Seed.

458359 TO 458363. *Solanum oplocense* Hawkes (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458359. Hof 1612. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 7023. Collected 1970. Yavi, Yavi, Jujuy. 3450M. Wild. Seed.

458360. Oka 3951. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71159. Collected April 07, 1971. El Angosto, Santa Catalina, Jujuy. 3700M. Wild. Seed.

458361. Oka 3955E. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71162B. Collected April 07, 1971. Unopujito, Santa Catalina, Jujuy. 3700M. Wild. Seed.

458362. Oka 4502. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 72293. Collected April 03, 1972. Sierra Alta, quebrada de Soledad, Humahuaca, Jujuy. 3300M. Wild. Seed.

458363. Oka 5508. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 74165. Collected April 02, 1974. Near El Angosto, 30km E of Santa Catalina, Santa Catalina, Jujuy. 3800M. Wild. Seed.

458364 TO 458366. *Solanum tarijense* Hawkes (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, 7620-Balcarce.
Received January 1981.

458364. Hof 1876. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 71281. Collected March 07, 1971. Santa Victoria, Santa Victoria, Salta. 2200M. Wild. Seed.

458365. Hof 1902. Argentina. INTA Estacion Experimental de

458364 TO 458366-continued

Balcarce, Balcarce. BAL 71288. Collected March 09, 1971.
Quebrada de la Soledad, Santa Victoria, Salta. 2250M.
Wild. Seed.

458366. Hof 1886. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 71356. Collected March 09, 1971.
Trail on way to Meson, Santa Victoria, Salta. 2200M. Wild.
Seed.

458367 TO 458368. *Solanum venturii* Hawkes & Hjerting (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental
Regional Agropecuaria, Instituto Nacional de Tecnologia
Agropecuaria, 7620-Balcarce.
Received January 1981.

458367. Oka 4908. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 7395. Collected April 04, 1973.
Nacional route 59, 50.6km, Chicoana, Salta. 2700M. Wild.
Seed.

458368. Oka 5645. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 74282. Collected April 08, 1974.
Cuesta del Obispo, Chicoana, Salta. 2740M. Wild. Seed.

458369 TO 458374. *Solanum vernei* Bitt. & Wittm. ex Engl. (Solanaceae).

From Argentina. K. A. Okada and W. Hoffman, Estacion Experimental
Regional Agropecuaria, Instituto Nacional de Tecnologia
Agropecuaria, 7620-Balcarce.
Received January 1981.

458369. Oka 4368. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 72169. Collected March 21, 1972.
Huairahuasi, Tilcara, Jujuy. 3200M. Wild. Seed.

458370. Oka 4475. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 72267. Collected March 31, 1972.
Cueva, Oran, Salta. 3600M. Wild. Seed.

458371. Oka 4476. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 72268. Collected March 31, 1972.
Cueva, Oran, Salta. 3600M. Wild. Seed.

458372. Oka 4477. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 72269. Collected March 31, 1972.
Cueva, Oran, Salta. 3100M. Wild. Seed.

458373. Oka 5700. Argentina. INTA Estacion Experimental de
Balcarce, Balcarce. BAL 74328. Collected April 11, 1974.
Route 307, 83km, Tafi, Tucuman. 2900M. Wild. Seed.

458369 TO 458374-continued

458374. Oka 5855. Argentina. INTA Estacion Experimental de Balcarce, Balcarce. BAL 74452. Collected April 23, 1974. Lizoite, Santa Victoria, Salta. 3400M. Wild. Seed.

458375 TO 458377. *Solanum canasense* Hawkes (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology, The University of Birmingham, Birmingham B15 2TT. Received January 1981.

458375. HHCH 5072. Peru. Collected April 06, 1971. Five km from Puno on road to Juliaca, Puno, Puno. 3950M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458376. HHCH 5074. Peru. Collected April 07, 1971. Ten km from Puno on old road to Juliaca, Puno, Puno. 4000M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458377. HHCH 5076. Peru. Collected April 07, 1971. Ilpa, 1 km off asphalt road from Puno to Juliaca, Puno, Puno. 3900M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458378. *Solanum leptophyes* Bitter (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology, The University of Birmingham, Birmingham B15 2TT. Received January 1981.

HHCH 5057. Peru. Collected April 05, 1971. Along road to Puno, 31km from Desaguadero, Chucuito, Puno. 3900-4000M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458379. *Solanum lobbianum* f. *multidissectum* (Hawkes) Corr. (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology, The University of Birmingham, Birmingham B15 2TT. Received January 1981.

HHCH 5220. Peru. Collected April 18, 1971. Along road to Andahuaylas, 79km from Abancay, Apurimac, Andahuaylas. 3900M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Received as *S. multidissectum*. Wild. Seed.

458380. *Solanum marinasense* Vargas (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology,
The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

HHCH 5126. Peru. Collected April 11, 1971. Along road to
Cuzco, 8km past Pisac, Cuzco, Calca. 3350M. Collected by
J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman.
Wild. Seed.

458381. *Solanum pampasense* Hawkes (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology,
The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

HHCH 5230. Peru. Collected April 18, 1971. Seven km from
Rio Pampas bridge, Ayacucho, Cangallo. 2400M. Collected
by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z.
Huaman. Wild. Seed.

458382 TO 458384. *Solanum raphanifolium* Cardenas & Hawkes (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology,
The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

458382. HHCH 5086. Peru. Collected April 08, 1971. Ruinas de
Viracocha at Raqchi, near San Pedro on Puno-Cuzco road,
Cuzco. 3550M. Collected by J. G. Hawkes, J. P. Hjerting,
P. J. Cribb, and Z. Huaman. Wild. Seed.

458383. HHCH 5097. Peru. Collected April 10, 1971. Chequerce,
between Anta and Urubamba, Cuzco, Anta. 3500M. Collected
by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z.
Huaman. Wild. Seed.

458384. HHCH 5111. Peru. Collected April 11, 1971. Ruins of
Pisac, Cuzco, Calca. 3300M. Collected by J. G. Hawkes, J.
P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458385 TO 458388. *Solanum sparsipilum* (Bitt.) Juz. & Buk. (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology,
The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

458385. HHCH 4399. Bolivia. Collected February 09, 1971. Road to
Santa Cruz, Copahunco, 150km from Cochabamba, Cochabamba,
Carrasco. 2600M. Collected by J. G. Hawkes, J. P.

458385 TO 458388-continued

Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458386. HHCH 4414. Bolivia. Collected February 15, 1971. Toward Capinota, 1-2km off Cochabamba-Oruro road, near Parotani, Cochabamba. 2450M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.
458387. HHCH 4419. Bolivia. Collected February 15, 1971. Road from Parotani to Capinota, 1 km beyond Itapaya, Cochabamba, Capinota. 2400M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.
458388. HHCH 4424. Bolivia. Collected February 15, 1971. Road from Parotini to Capinota, 1 km beyond Charamoco, Cochabamba, Capinota. 2400M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Wild. Seed.

458389 TO 458392. *Solanum sparsipilum* var. *llallaguanianum* (Card. & Hawkes) Corr. (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology, The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

458389. HHCH 4541. Bolivia. Collected March 04, 1971. Roadside, 48km from Sucre toward Zudanez, Chuquisaca, Yamparaez. 3100M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Received as *S. sucrense*. Wild. Seed.
458390. HHCH 4613. Bolivia. Collected March 09, 1971. Padcoyo, 126km from Potosi toward Camargo, Chuquisaca, Nor Cinti. 3500M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Received as *S. sucrense*. Wild. Seed.
458391. HHCH 4714. Bolivia. Collected March 15, 1971. Roadside, 1 km before Oplaca from Tupiza, Potosi, Sud Chichas. 3150M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Received as *S. sucrense*. Wild. Seed.
458392. HHCH 4725. Bolivia. Collected March 16, 1971. Roadside, 29km from Vitichi toward Cucho Ingenio, Potosi, Linares. 3200M. Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb, and Z. Huaman. Received as *S. sucrense*. Wild. Seed.

458393. *Solanum stenotomum* Juz. & Buk. (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology, The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

HHCH 4994. Zapallo. Bolivia. Collected March 28, 1971. M.

458393-continued

Zavaleta farm, near Caquiaviri, La Paz, Facajes. 3950M.
Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb,
and Z. Huaman. Accession also referred to as Zavaleta 384.
Cultivated. Seed.

458394 TO 458395. *Solanum tarijense* Hawkes (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology,
The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

458394. HHCH 4569. Bolivia. Collected March 06, 1971. Roadside,
29.5km from Sucre toward Potosi, Chuquisaca, H. Giles.
2800M. Collected by J. G. Hawkes, J. P. Hjerting, P. J.
Cribb, and Z. Huaman. Wild. Seed.

458395. HHCH 4673. Bolivia. Collected March 13, 1971. Roadside,
41km from Tarija toward Entre Rios, Tarija, Cercado.
2325M. Collected by J. G. Hawkes, J. P. Hjerting, P. J.
Cribb, and Z. Huaman. Wild. Seed.

458396 TO 458397. *Solanum toralapanum* Cardenas & Hawkes (Solanaceae).

From United Kingdom. J. G. Hawkes, Department of Plant Biology,
The University of Birmingham, Birmingham B15 2TT.
Received January 1981.

458396. HHCH 4556. Bolivia. Collected March 05, 1971. Roadside,
29km from Sucre toward Ravelo, Chuquisaca, Oropeza. 3300M.
Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb,
and Z. Huaman. Wild. Seed.

458397. HHCH 4695. Bolivia. Collected March 14, 1971. Roadside,
32km from Tarija toward Iscayachi, Tarija, Mendez. 3000M.
Collected by J. G. Hawkes, J. P. Hjerting, P. J. Cribb,
and Z. Huaman. Wild. Seed.

458398 TO 458399. *Solanum leptophyes* Bitter (Solanaceae).

From Germany, Federal Rep of. Hans Ross, Max-Planck-Institut fur
Zuchtungsforschung, 5 Koln-Vogelsang.
Received January 1981.

458398. EBS 2080. Argentina. Received as *Solanum spegazzinii*.
Wild. Seed.

458399. EBS 2387. Argentina. Received as *Solanum spegazzinii*.
Wild. Seed.

458400. *Solanum huancabambense* Ochoa (Solanaceae).

From Peru. P. R. Rowe, International Potato Center, La Molina,
Lima.

Received January 1981.

ZH 966. Collected May 1974. Km 22 Huancabamba to
Canchaque (Jusgara), Piura, Huancabamba. 2500M. Collected
by Z. Huanman. Wild. Seed.

458401. *Solanum immite* Dunal (Solanaceae).

From Peru. P. R. Rowe, International Potato Center, La Molina,
Lima.

Received January 1981.

Vil 229. Puruchuco, Lima, Canta. 1800M. Collected by G.
Vilcapoma. Wild. Seed.

458402. *Solanum medians* Bitt. (Solanaceae).

From Peru. P. R. Rowe, International Potato Center, La Molina,
Lima.

Received January 1981.

Vil 211. San Miguel, Lima, Canta. 2900M. Collected by G.
Vilcapoma. Wild. Seed.

458403 TO 458404. *Solanum abancayense* Ochoa (Solanaceae).

From Peru. C. M. Ochoa, International Potato Center, La Molina,
Lima.

Received January 1981.

458403. Och 9088. Cunyari, Apurimac Department. Wild. Seed.

458404. Och 9089. Cunyari, Apurimac Department. Wild. Seed.

458405. *Solanum ambosinum* Ochoa (Solanaceae).

From Peru. C. M. Ochoa, International Potato Center, La Molina,
Lima.

Received January 1981.

Och s.n. Tayabamba, La Libertad Department. Wild. Seed.

458406 TO 458408. *Solanum raphanifolium* Cardenas & Hawkes (Solanaceae).

From Peru. C. M. Ochoa, International Potato Center, La Molina,

458406 TO 458408-continued

Lima.

Received January 1981.

458406. Och 7609. Pomacandri, Cusco Department. Wild. Seed.

458407. Och 7612. Pomacandri, Cusco Department. Wild. Seed.

458408. Och 7615. Pomacandri, Cusco Department. Wild. Seed.

458409 TO 458422. *Solanum fendleri* A. Gray (Solanaceae).

From United States. D. Ugent and R. W. Ruhde, Southern Illinois University and USDA, University of Wisconsin, Carbondale, Illinois & Madison, Wisconsin. Received through The 1978 Southwestern U. S. Solanum Collection.
Received January 1981.

458409. UR 1-78. Collected August 07, 1978. Roadside, E edge of Cloudcroft, across from school, Otero Co., New Mexico. 2595M. Two plants, indeterminate. Leaves insect-damaged. Wild. Seed.

458410. UR 2-78. Collected August 07, 1978. Lincoln Nat. For., 1.9km N Hwy 82 towards Sixteen Spr. Canyon, Otero Co. NM. No mature fruits. One plant blooming. Wild. Tubers.

458411. UR 3-78. Collected August 07, 1978. Sixteen Springs Canyon road, 10km N of Hwy 82, Otero Co., New Mexico. Plants abundant, in flower, no mature fruit. Wild. Tubers.

458412. UR 4-78. Collected August 08, 1978. Monjeau Lookout road, White Mts., 2.6km W of junc. Hwy 37, Lincoln Co., NM. Two plants flowering. Wild. Tubers.

458413. UR 5-78. Collected August 08, 1978. Monjeau Lookout road, White Mts., 8.4km W of junc. Hwy 37, Lincoln Co., NM. Plants abundant, few in flower. Wild. Tubers.

458414. UR 6-78. Collected August 08, 1978. Tan Bark Canyon, White Mts., 1.1km above old "Crow Lode Mine" Lincoln Co. NM. No flowers or fruits. Wild. Tubers.

458415. UR 8-78. Collected August 10, 1978. East 2.58km of Mogollen on road to Willow Creek, Catron Co., New Mexico. No mature fruits. Wild. Tubers.

458416. UR 9-78. Collected August 10, 1978. East 0.8km of Willow Creek Lodge, Catron Co., New Mexico. Wild. Tubers.

458417. UR 11-78. Collected August 11, 1978. Near John Kerr Peak Lookout Tower, Catron Co., New Mexico. Plants few, scattered. Wild. Tubers.

458409 TO 458422-continued

458418. UR 12-78. Collected August 11, 1978. Hwy 666, 1.9km NE of Greenlee County line, Apache Co., Arizona. Plants abundant. Wild. Tubers.
458419. UR 13-78. Collected August 13, 1978. Rustler Park, Coronado Nat. For., 24.6km NW park entrance, Cochise Co., AZ. Wild. Tubers.
458420. UR 14-78. Collected August 13, 1978. Barfoot Pk, Coronado Nat. For., 24.1km fr. NW park entrance, Cochise Co. AZ. Plants few, small, no fruits. Wild. Tubers.
458421. UR 15-78. Collected August 15, 1978. NW 1.6km of Soldiers Camp, Coronado Nat. Forest, Pima Co., Arizona. Plants abundant, some with immature fruits. Wild. Tubers.
458422. UR 18-78. Collected August 19, 1978. Near Davis Creek, Apache Co., road 116, 9.5km SE of Nelson Reservoir, AZ. 2520M. Plants in flower. Wild. Tubers.

458423 TO 458428. *Solanum jamesii* Torr. (Solanaceae).

From United States. D. Ugent and R. W. Ruhde, Southern Illinois University and USDA, University of Wisconsin, Carbondale, Illinois & Madison, Wisconsin. Received through The 1978 Southwestern U. S. *Solanum* Collection. Received January 1981.

458423. UR 7-78. Collected August 10, 1978. Hwy 90, 43.5km SW of Silver City, Gila Nat. Forest, Grant Co., New Mexico. Plants small, no flowers. Wild. Tubers.
458424. UR 10-78. Collected August 11, 1978. Roadside, 9.8km NE of Aragon, 1.6km SW of Cont. Divide, Catron Co., NM. Plants few, small. Wild. Tubers.
458425. UR 16-78. Collected August 19, 1978. Hwy 180, 3.2km S of Eager at junc. of Apache Co. road 130, Arizona. Plants few, small, no flowers or fruit. Wild. Tubers.
458426. UR 17-78. Collected August 19, 1978. Apache Co. road 116, 3.2km SE of Nelson Reservoir, Arizona. Plants abundant, some in flower. Soil volcanic ash. Wild. Tubers.
458427. UR 19-78. Collected August 20, 1978. Hwy 32 between Quemado and Apache Creek, 15.5km S of Hwy 60, Catron Co., NM. Plants abundant, in flower and fruit. Wild. Tubers.
458428. UR 20-78. Collected August 20, 1978. Hwy 60, 19.6km W of Magdalena, Socorro Co., New Mexico. Plants few, very small, no flowers or fruits. Wild. Tubers.

458429 TO 458430. *Armoracea rusticana* Gaertn., Mey., & Scherb.
(Brassicaceae) Horseradish.

From Sweden. Norra Hallands Pepparrotsodare, 43400 Kungsbacka.
Received March 1981.

458429. Vanliga. Cultivated. Roots.

458430. Alka #1. Cultivated. Roots.

458431 TO 458462. *Oryza sativa* L. (Poaceae) Rice.

From Turkey. Nazimi Acikgoz, Department of Agroecology and Plant
Improvement, EGE University, Izmir.
Received March 1981.

458431. TR 7285. Akceltik. Cultivated. Seed.

458432. TR 76294. Arborio. Cultivated. Seed.

458433. TR 79802. Argo. Cultivated. Seed.

458434. TR 7220. Baldo. Cultivated. Seed.

458435. TR 7521. Bersani. Cultivated. Seed.

458436. TR 7607. Bonni. Cultivated. Seed.

458437. TR 79795. Carollo. Cultivated. Seed.

458438. TR 79803. Cripto. Cultivated. Seed.

458439. TR 79800. CRM4. Cultivated. Seed.

458440. TR 7906. Eropa. Cultivated. Seed.

458441. TR 76301. Gritna. Cultivated. Seed.

458442. TR 76292. Iletto. Cultivated. Seed.

458443. TR 79801. IR 140. Cultivated. Seed.

458444. TR 7535. Krasnodorski. Cultivated. Seed.

458445. TR 7534. Kuban. Cultivated. Seed.

458446. TR 7502. Maratelli. Cultivated. Seed.

458447. TR 76305. Monticelli. Cultivated. Seed.

458448. TR 7909. Plovdin. Cultivated. Seed.

458449. TR 79798. Radon. Cultivated. Seed.

458431 TO 458462-continued

- 458450. TR 7910. Ranbelli. Cultivated. Seed.
- 458451. TR 7606. Realdo. Cultivated. Seed.
- 458452. TR 7521. Ribe. Cultivated. Seed.
- 458453. TR 7907. Rikuki. Cultivated. Seed.
- 458454. TR 76308. Ringo. Cultivated. Seed.
- 458455. TR 7516. Rokka. Cultivated. Seed.
- 458456. TR 76297. Romko. Cultivated. Seed.
- 458457. TR 7202. Sariceltik. Cultivated. Seed.
- 458458. TR 7232. Sarikilcik. Cultivated. Seed.
- 458459. TR 79796. Sirella. Cultivated. Seed.
- 458460. TR 79797. Titanio. Cultivated. Seed.
- 458461. TR 79799. Torio. Cultivated. Seed.
- 458462. TR 7908. Zoria. Cultivated. Seed.

458463 TO 458475. *Oryza sativa* L. (Poaceae) Rice.

From Nigeria. International Institute of Tropical Agriculture (IITA), Ibadan.

Received March 1981.

- 458463. IITA 116. Drought resistant. Cultivated. Seed.
- 458464. IITA 117. Drought resistant. Cultivated. Seed.
- 458465. IITA 118. Drought resistant. Cultivated. Seed.
- 458466. IITA 119. Drought resistant. Cultivated. Seed.
- 458467. IITA 122. Drought resistant. Cultivated. Seed.
- 458468. IITA 130. Drought resistant. Cultivated. Seed.
- 458469. IITA 132. Drought resistant. Cultivated. Seed.
- 458470. IITA 135. Drought resistant. Cultivated. Seed.
- 458471. IITA 162. Drought resistant. Cultivated. Seed.
- 458472. IITA 164. Drought resistant. Cultivated. Seed.

458463 TO 458475-continued

458473. IITA 173. Drought resistant. Cultivated. Seed.

458474. OS 6. Drought resistant. Cultivated. Seed.

458475. 63-83. Drought resistant. Cultivated. Seed.

458476. Agropyron scabrum (Labill.) Beauv. (Poaceae).

From New Zealand. H. Connor, Botany Division, Department of Scientific and Industrial Research, Private Bag, Christchurch. Received through M. Forde, Dept. of Sci. & Ind. Res., Grasslands Div., Palmerston N., New Ze. Received April 1981.

New Zealand. Cultivated. Breeding Material. Seed.

458477 TO 458478. Oryza sativa L. (Poaceae) Rice.

From Thailand. Rice Division, Department of Agriculture, Bangkok, Bangkok-9. Received April 1981.

458477. GS 2368. RD-4. Cultivated. Seed.

458478. GS 2600. RD-7. Cultivated. Seed.

458479 TO 458489. Oryza sativa L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received April 1981.

458479. IET 4700. Cultivated. Seed.

458480. IET 4701. Cultivated. Seed.

458481. IET 5688. Cultivated. Seed.

458482. IET 5714. Cultivated. Seed.

458483. IET 6187. Cultivated. Seed.

458484. IET 6238. Cultivated. Seed.

458485. IR 36. Cultivated. Seed.

458486. IR 50. Cultivated. Seed.

458487. IR 9129-136-2. Cultivated. Seed.

458479 TO 458489--continued

458488. IR 9209-26-2. Cultivated. Seed.

458489. IR 9224-117-2. Cultivated. Seed.

458490 TO 458491. *Oryza sativa* L. (Poaceae) Rice.

From Italy. Centro Di Ricerche Sul Riso, Ente Nazionale Risi,
27036 Mortara (PV).
Received April 1981.

458490. Corallo. Cultivated. Seed.

458491. Stella. Cultivated. Seed.

458492 TO 458501. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.
Received April 1981.

458492. IRRI 331. C 21. Cultivated. Seed.

458493. IRRI 10755. Cateto Dourado. Cultivated. Seed.

458494. IRRI 24168. China 1039. Mutant. Cultivated. Seed.

458495. IR 2153-338-3. Cultivated. Seed.

458496. IR 2863-35-3-3. Cultivated. Seed.

458497. IR 2863-39-2-8. Cultivated. Seed.

458498. IR 4570-83-3-3-2. Cultivated. Seed.

458499. IR 7963-30-2. Cultivated. Seed.

458500. IRRI 637. SLO 17. Cultivated. Seed.

458501. IRRI 29944. Tainan 5-72-536. Mutant. Cultivated. Seed.

458502. *Cicer arietinum* L. (Fabaceae) Chickpea.

From Mexico. G. A. White, Germplasm Resources Laboratory, PGGI,
USDA Agricultural Research Center, Beltsville, MD, USA.
Received March 1981.

Mexico. Collected March 26, 1981. Central Market,
Texcoco. Grown as a winter crop. Production area not
known. Cultivated. Seed.

458503. *Lens culinaris* Medik. (Fabaceae) Lentil.

From Mexico. G. A. White, Germplasm Resources Laboratory, PGGI, USDA Agricultural Research Center, Beltsville, MD, USA.
Received March 1981.

Mexico. Collected March 26, 1981. Central Market, Texcoco. Grown as winter crop in Texcoco area. Cultivated. Seed.

458504. *Vicia faba* L. (Fabaceae) Broadbean.

From Mexico. G. A. White, Germplasm Resources Laboratory, PGGI, USDA Agricultural Research Center, Beltsville, MD, USA.
Received March 1981.

Mexico. Collected March 27, 1981. Central Market, Texcoco. Summer crop. Production area not known. Cultivated. Seed.

458505 TO 458522. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois.
Received February 1981.

458505. Da Bai mei. China, Peoples Repub of. Tieling, Liaoning Province. Tieling Agricultural Research Institute. Cultivated. Seed.

458506. Feng Di huang. China, Peoples Repub of. Tieling, Liaoning Province. Tieling Agricultural Research Institute. Cultivated. Seed.

458507. Feng Shou huang. China, Peoples Repub of. Jinan, Shandong Province. Shandong Academy of Agricultural Sciences. Chinese name means Harvest yellow. Cultivated. Seed.

458508. Fu Shou. China, Peoples Repub of. Tieling, Liaoning Province. Tieling Agricultural Research Institute. Cultivated. Seed.

458509. Jing Dou 8-14. China, Peoples Repub of. Tieling, Liaoning Province. Tieling Agricultural Research Institute. Cultivated. Seed.

458510. Ji Ti No. 1. China, Peoples Repub of. Tieling, Liaoning Province. Tieling Agricultural Research Institute. Cultivated. Seed.

458511. Kai Yu No. 3. China, Peoples Repub of. Tieling, Liaoning

458505 TO 458522-continued

Province. Tieling Agricultural Research Institute.
Cultivated. Seed.

458512. Qi Huang No. 10. China, Peoples Repub of. Jinan,
Shandong Province. Shandong Academy of Agricultural
Sciences. Cultivated. Seed.

458513. Tie Feng No. 8. China, Peoples Repub of. Tieling,
Liaoning Province. Tieling Agricultural Research
Institute. Cultivated. Seed.

458514. Tie Feng No. 19. China, Peoples Repub of. Tieling,
Liaoning Province. Tieling Agricultural Research
Institute. Cultivated. Seed.

458515. Tie Zhugan. China, Peoples Repub of. Jinan, Shandong
Province. Shandong Academy of Agricultural Sciences.
Chinese name means Iron stalk. Salt tolerant. Cultivated.
Landrace. Seed.

458516. Xiao Jinghuang No. 1. China, Peoples Repub of. Tieling,
Liaoning Province. Tieling Agricultural Research
Institute. Cultivated. Seed.

458517. Xiao Wuyie. China, Peoples Repub of. Jinan, Shandong
Province. Shandong Academy of Agricultural Sciences.
Chinese name means Small five leaves. Drought tolerant.
Cultivated. Landrace. Seed.

458518. Wuen Feng No. 5. China, Peoples Repub of. Jinan,
Shandong Province. Shandong Academy of Agricultural
Sciences. Cultivated. Seed.

458519. China, Peoples Repub of. Gong Zhu Ling, Jilin Province.
Jilin Agricultural Academy of Sciences. Seed coat black.
Cultivated. Seed.

458520. China, Peoples Repub of. Gong Zhu Ling, Jilin Province.
Jilin Agricultural Academy of Sciences. Seed coat brown.
Cultivated. Seed.

458521. China, Peoples Repub of. Gong Zhu Ling, Jilin Province.
Jilin Agricultural Academy of Sciences. Seed coat green.
Cultivated. Seed.

458522. China, Peoples Repub of. Gong Zhu Ling, Jilin Province.
Jilin Agricultural Academy of Sciences. Seed coat yellow.
Cultivated. Seed.

458523 TO 458541. Glycine soja Sieb. & Zucc. (Fabaceae) Wild soybean.

From China, Peoples Repub of. T. Hymowitz, Department of

458523 TO 458541-continued

Agronomy, University of Illinois, Urbana, Illinois.
Received February 1981.

458523. Bumper Harvest No. 2. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458524. Bumper Harvest No. 10. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458525. Dong Nong No. 4. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458526. Hei Nong No. 3. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458527. Hei Nong No. 16. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458528. Hei Nong No. 26. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458529. Hulan No. 1. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458530. Jing Shanpu. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458531. Ke Shuang. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Frost tolerant. Cultivated. Seed.
458532. Nuen Feng No. 7. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458533. Purple Flower No. 3. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458534. Sibiwa. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Cultivated. Seed.
458535. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Bei An

458523 TO 458541-continued

County. Cultivated. Seed.

458536. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Suihua County. Cultivated. Seed.

458537. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Binxian County. Cultivated. Seed.

458538. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Aihuei County. Cultivated. Seed.

458539. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Xuenke County. Cultivated. Seed.

458540. China, Peoples Repub of. Harbin, Heilongjiang Province. Heilongjiang Agricultural Academy of Sciences. Raohe County. Cultivated. Seed.

458541. China, Peoples Repub of. Field of 56-5191, Experimental Seed Farm, near Suihua, NE China. May be a partial male sterile. Cultivated. Seed.

458542 TO 458543. *Oryza sativa* L. (Poaceae) Rice.

From Australia. S. T. Tseng, California Cooperative, Rice Experiment Station, Rice Research Foundation, Inc., Biggs, California.
Received April 1981.

458542. YRL-20. Cultivated. Seed.

458543. YRL-21. Cultivated. Seed.

458544. *Helianthus hybrid* (Asteraceae).

From German Democratic Repub. J. Reckin, Experimental Garden, Gorkistrasse 20.
Received April 1981.

German Democratic Repub. *Helianthus annuus* x *H. tuberosus*. Tuber yield high. Cultivated. Tubers.

458545. *Arachis hypogaea* L. (Fabaceae) Peanut.

From India. S. H. Patil, Biology and Agriculture Division, Bhabha Atomic Research Centre, Trombay, Bombay-85.

458545-continued

Received April 1981.

TG-19-A. India. Large-seeded Spanish type. Selection from PI 449337 (TG-19). Cultivated. Seed.

458546. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Japan. Takii & Company, Ltd. Seed Growers, Kyoto. Received through R.C. Hardwick, Natl. Vegetable Res. Sta., Wellesbourne, Warwick, England.
Received April 1981.

'Express Green'. Vegetable type. Cultivated. Seed.

458547 TO 458549. *Triticum aestivum* L. (Poaceae) Common wheat.

From Czechoslovakia. Division of Genetics & Plant Breeding Methods, Department of Genetic Resources & Taxonomy, Praha-Ruzyne 507.
Received April 1981.

458547. Istra. Czechoslovakia. SO 985/Aurora. Received as *Triticum aestivum* f. *hiemalis*. Cultivated. Breeding Material. Seed.

458548. Juna. Czechoslovakia. UH 141/62/Yubileynaya 50. Received as *Triticum aestivum* f. *hiemalis*. Cultivated. Breeding Material. Seed.

458549. Mirela. Czechoslovakia. Mironovskaya 808/Stella. Received as *Triticum aestivum* f. *hiemalis*. Cultivated. Breeding Material. Seed.

458550 TO 458552. *Cicer bijugum* K. H. Rechinger (Fabaceae).

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Andhra Pradesh 502324.
Received April 1981.

458550. No. 200. Turkey. East, 28km of Diyarbakir. Seed.

458551. JH-2103. Turkey. From Savur, 14km to Midiyat. Seed.

458552. JH-2113. Turkey. From Diyarbakir, 33km to Ergani. Seed.

458553. *Cicer chorassanicum* (Bunge) M. Pop. (Fabaceae).

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Andhra Pradesh 502324.

458553-continued

Received April 1981.

JM-2230. Afghanistan. Bamiyan. Seed.

458554. *Cicer cuneatum* Hochst. (Fabaceae).

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Andhra Pradesh 502324.

Received April 1981.

SL-157. Ethiopia. Seed.

458555 TO 458557. *Cicer pinnatifidum* Jaub. & Spach (Fabaceae).

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Andhra Pradesh 502324.

Received April 1981.

458555. No. 188. Turkey. East, 5km of Gaziantep. Seed.

458556. No. 189. Turkey. East, 5km of Gaziantep. Seed.

458557. No. 2123. Turkey. Adana. Seed.

458558 TO 458560. *Cicer pinnatifidum* var. *judaicum* M. Pop. (Fabaceae).

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Andhra Pradesh 502324.

Received April 1981.

458558. Lebanon. Received as *C. judaicum*. Seed.

458559. No. 183. Israel. East of Ramla, 20km, near Beit-Siza Scrub. Received as *C. judaicum*. Seed.

458560. No. 185. Israel. Gully, 10km east of Zinchon Yaakov. Received as *C. judaicum*. Seed.

458561 TO 458562. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From Netherlands. A. C. Zeven, Institute of Plant Breeding, Agricultural University, Wageningen.

Received March 1981.

458561. 1.61. Soepboon. Netherlands. Venray. Seeds white. Cultivated. Seed.

458562. 3.49. Pronker (Steense boon). Netherlands. Oude Wetering.

458561 TO 458562-continued

Seeds purple-mottled. Cultivated. Seed.

458563 TO 458598. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Netherlands. A. C. Zeven, Institute of Plant Breeding,
Agricultural University, Wageningen.

Received March 1981.

458563. 1.50. Wulleboon. Netherlands. Vaals. Seeds white.
Cultivated. Seed.
458564. 1.51. Stokboon. Netherlands. Vaals. Seeds white.
Cultivated. Seed.
458565. 1.52. Stoksoepboon. Netherlands. Vaals. Seeds white.
Cultivated. Seed.
458566. 1.53. Eiboon. Netherlands. Beneden-Leeuwen. Seeds white.
Cultivated. Seed.
458567. 1.54. Stam soepboon. Netherlands. Oud-Scharwoude. Seeds
white. Cultivated. Seed.
458568. 1.55. Witte boon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458569. 1.56. Witte sabel boon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458570. 1.57. Witte boon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458571. 1.58. Veense snijboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458572. 1.59. Witte boon. Netherlands. Eindhoven. Seeds white.
Cultivated. Seed.
458573. 1.60. Eiboon. Netherlands. Volkel. Seeds white.
Cultivated. Seed.
458574. 1.64. Kookboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458575. 1.65. Soepboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458576. 1.66. Snijboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458577. 1.67. Soep snijboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.

458563 TO 458598-continued

458578. 1.69. Soepboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458579. 1.70. Princesse boon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458580. 1.71. Veense Snijboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458581. 1.72. Soepboon. Netherlands. Venray. Seeds white.
Cultivated. Seed.
458582. 1.76. Fijne kleine boon. Netherlands. Wassenaar. Seeds
white. Cultivated. Seed.
458583. 1.77. Eiboon. Netherlands. Nijkerk. Seeds white.
Cultivated. Seed.
458584. 1.78. Franse prinses. Netherlands. Beneden-Leeuwen,
Seeds white.
458585. 2.34. Bruine boon. Netherlands. Bathmen. Seeds brown.
Cultivated. Seed.
458586. 2.37. N. H. Bruine. Netherlands. Beneden-Leeuwen. Seeds
brown. Cultivated. Seed.
458587. 2.38. Bruine Soepboon. Netherlands. Venray. Seeds brown.
Cultivated. Seed.
458588. 2.39. Bruine Soepboon. Netherlands. Venray. Seeds brown.
Cultivated. Seed.
458589. 3.51. Stokkievits boon. Netherlands. Dorenbosch. Seeds
purple-mottled. Cultivated. Seed.
458590. 3.52. Kievits boon. Netherlands. Aalsmeer. Seeds purple-
mottled. Cultivated. Seed.
458591. 4.32. Gele boon. Netherlands. Oostwold. Seeds yellow.
Cultivated. Seed.
458592. 4.33. Citroen boon. Netherlands. Venray. Seeds yellow.
Cultivated. Seed.
458593. 4.34. Gele boon. Netherlands. Dorenbosch. Seeds yellow.
Cultivated. Seed.
458594. 4.35. Gele boon. Netherlands. Oosterhesselen. Seeds
yellow. Cultivated. Seed.
458595. 4.36. Strogele boon. Netherlands. Veendam. Seeds yellow.

458563 TO 458598-continued

Cultivated. Seed.

458596. 5.08. Kleine soldaat (bruin). Netherlands. Drente. Seeds white and brown with eyespot. Cultivated. Seed.

458597. 6.09. Wasboon. Netherlands. Venray. Seeds black. Cultivated. Seed.

458598. 6.10. Wasboon. Netherlands. Venray. Seeds black. Cultivated. Seed.

458599 TO 458602. *Pisum sativum* L. (Fabaceae) Garden pea.

From Finland. Hankkija Plant Breeding Institute, SF - 04 300 Hyryla.

Received April 1981.

458599. Hankkija's Hemmo. Finland. Maro x Kalle. Stems low. Flowers white. Seeds green. Used for food. Cultivated. Breeding Material. Seed.

458600. Hja 51229. Finland. Hja 10949 x K-2225 (Turkey). Stems semi-low. Flowers white. Seeds small, yellow. Used for feed. Cultivated. Breeding Material. Seed.

458601. Hja 51237. Finland. Simo x K-5110 (Moscow region). Plants semi-leafless. Flowers white. Cultivated. Breeding Material. Seed.

458602. Hja 51277. Finland. Simo x K-5110 (Moscow region). Plants semi-leafless. Flowers white. Cultivated. Breeding Material. Seed.

458603 TO 458604. *Vicia faba* L. (Fabaceae) Broadbean.

From Finland. Hankkija Plant Breeding Institute, SF - 04 300 Hyryla.

Received April 1981.

458603. Hankkija's Mikko. Finland. Local Finnish Carelian line. Early type. Seeds small, black. Cultivated. Breeding Material. Seed.

458604. Hja 60034. Finland. K-1625 (Soviet Union) x Local Finnish Carelian line. Early type. Seeds small, white. Cultivated. Breeding Material. Seed.

458605 TO 458610. *Brassica napus* L. (Brassicaceae) Rutabaga.

From New Zealand. H. Smith, Crop Science Division, Lincoln

458605 TO 458610-continued

College. Received through R. A. Hamilton, Dept. of Horticulture, Univ. of Hawaii, Honolulu, Hawaii. Received May 1978.

458605. 'Calder Swede'. New Zealand. Used for food and feed. Received as *B. napus* var. *napobrassica*. Cultivated. Seed.
458606. 'Crimson King Swede'. New Zealand. Used for food and feed. Received as *B. napus* var. *napobrassica*. Cultivated. Seed.
458607. 'Doon Major Swede'. New Zealand. Used for food and feed. Received as *B. napus* var. *napobrassica*. Cultivated. Seed.
458608. 'Doon Spartan Swede'. New Zealand. Used for food and feed. Received as *B. napus* var. *napobrassica*. Cultivated. Seed.
458609. 'Kiri Swede'. New Zealand. Used for food and feed. Received as *B. napus* var. *napobrassica*. Cultivated. Seed.
458610. 'Wilhelmsburger'. New Zealand. Used for food and feed. Received as *B. napus* var. *napobrassica*. Cultivated. Seed.

458611. *Cicer arietinum* L. (Fabaceae) Chickpea.

From United States. W. Weyen, Kendrick, Idaho. Received through Regional Plant Introduction Station, Pullman, Washington. Received April 1981.

Weyen. Southeast 9.6km of Kendrick, Idaho. 720M. Plants erect. Pods in top third. Seeds white, small. Well-adapted to harvest with combine. Used for food. Cultivated. Primitive Cultivar. Seed.

458612. *Brassica oleracea* var. *acephala* DC. (Brassicaceae) Kale.

From New Zealand. H. Smith, Crop Science Division, Lincoln College. Received through R. A. Hamilton, Dept. of Horticulture, Univ. of Hawaii, Honolulu, Hawaii. Received May 1978.

'Marrow Stem'. New Zealand. Used for food and feed. Cultivated. Seed.

458613 TO 458618. *Brassica rapa* L. (Brassicaceae) Turnip.

From New Zealand. H. Smith, Crop Science Division, Lincoln College. Received through R. A. Hamilton, Dept. of Horticulture, Univ. of Hawaii, Honolulu, Hawaii.

458613 TO 458618-continued
Received May 1978.

458613. 'Green globe'. New Zealand. Used for food and feed. Cultivated. Seed.
458614. 'Green resistant'. New Zealand. Used for food and feed. Cultivated. Seed.
458615. 'Kapai'. New Zealand. Used for food and feed. Cultivated. Seed.
458616. 'Manga'. New Zealand. Used for food and feed. Cultivated. Seed.
458617. 'Purple resistant'. New Zealand. Used for food and feed. Cultivated. Seed.
458618. 'York globe'. New Zealand. Used for food and feed. Cultivated. Seed.

458619. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Madagascar. Randria Rasoeninoro L., Ferme d'Etat de la Sakay, Antananariva.
Received April 1981.

S.A. 156. Madagascar. Cultivated. Seed.

458620. *Camponesia* sp. (Myrtaceae).

From Brazil. R. J. Knight, USDA Subtropical Horticultural Research Unit, Miami, Florida.
Received February 1981.

M 26940. Brazil. Collected December 04, 1980. Fruit round, about 2.5cm diameter, tawny yellow. Calyx persistent. Seeds large (3mm diameter), smooth, typical of guava. Flesh dry, sweet, very astringent. Possible dwarfing stock for guava, ornamental. Cultivated. Seed.

458621. *Cassia* sp. (Fabaceae).

From Brazil. R. J. Knight, USDA Subtropical Horticultural Research Unit, Miami, FL.
Received February 1981.

M 26944. Brazil. Collected December 04, 1980. Cerrado Region. Perennial shrub to 20m high. Panicle of bright yellow trumpet-shaped flowers to 6cm diameter. Cultivated. Seed.

458622. *Mangifera indica* L. (Anacardiaceae) Mango.

From Brazil. R. J. Knight, USDA Subtropical Horticultural
Research Unit, Miami, FL.
Received February 1981.

M 26941. 'Pico'. Brazil. Collected December 04, 1980.
Originally from Philippines, Polyembryonic. Fruit green,
low fiber, sweet flavor. Cultivated. Seed.

458623. *Lycopersicon pimpinellifolium* (L.) Mill. (Solanaceae) Currant
tomato.

From Costa Rica. G. A. White, Germplasm Resources Laboratory,
PGGI, USDA Agricultural Research Center, Beltsville,
Maryland, USA. Received through L. Muller, CATIE,
Turrialba, Costa Rica.
Received March 1981.

Costa Rica. Collected March 23, 1981. Near greenhouse &
coffee seedling beds, CATIE, Turrialba. Probably
originally under cultivation. Wild. Seed.

458624 TO 458647. *Setaria italica* (L.) Beauv. (Poaceae) Foxtail millet.

From China, Peoples Repub of. H. Wu and C. Li, Heilongjiang
Academy of Agricultural Science, Harbin.
Received March 1981.

458624. An Gu 68 An. China, Peoples Repub of. Maturity 120 days.
Endosperm glutinous. Cultivated. Seed.

458625. An The 62. China, Peoples Repub of. Maturity 130-135
days. Endosperm glutinous. Drought tolerant. Cultivated.
Seed.

458626. Bei Huong 1. China, Peoples Repub of. Maturity 100 days.
Endosperm glutinous. Drought tolerant. Cultivated. Seed.

458627. Bei Huong 2. China, Peoples Repub of. Maturity 100 days.
Endosperm glutinous. Drought tolerant. Cultivated. Seed.

458628. Bei Huong 3. China, Peoples Repub of. Maturity 100 days.
Endosperm glutinous. Cultivated. Seed.

458629. Bei Huong 4. Soviet Union. Maturity 80 days. Endosperm
glutinous. Drought tolerant. Cultivated. Seed.

458630. Da Chu Swei. China, Peoples Repub of. Maturity 119 days.
Endosperm glutinous. Cultivated. Seed.

458631. Han Gu 1. China, Peoples Repub of. Maturity 107 days.

458624 TO 458647-continued

- Endosperm glutinous. Cultivated. Seed.
458632. Harbin 1. China, Peoples Repub of. Maturity 135-140 days. Endosperm glutinous. Drought tolerant. Cultivated. Seed.
458633. Harbin 5. China, Peoples Repub of. Maturity 125 days. Endosperm glutinous. Drought tolerant. Cultivated. Seed.
458634. Harbin 11. China, Peoples Repub of. Maturity 115-117 days. Endosperm glutinous. Drought tolerant. Cultivated. Seed.
458635. He Gung 6 He. China, Peoples Repub of. Maturity 128 days. Endosperm glutinous. Cultivated. Seed.
458636. He Gung 7 He. China, Peoples Repub of. Maturity 125 days. Endosperm glutinous. Cultivated. Seed.
458637. He Gung 8 He. China, Peoples Repub of. Maturity 123 days. Endosperm glutinous. Cultivated. Seed.
458638. He Gung 9 He. China, Peoples Repub of. Maturity 120 days. Endosperm glutinous. Cultivated. Seed.
458639. Hei Gu 1 Hei. China, Peoples Repub of. Maturity 110 days. Endosperm glutinous. Cultivated. Seed.
458640. Hung Zhan Gu. China, Peoples Repub of. Maturity 117 days. Endosperm glutinous. Cultivated. Seed.
458641. K yu 1 K. China, Peoples Repub of. Maturity 110 days. Endosperm glutinous. Cultivated. Seed.
458642. K yu 18 K. China, Peoples Repub of. Maturity 110-115 days. Endosperm glutinous. Cultivated. Seed.
458643. Len Thian 7. China, Peoples Repub of. Maturity 110 days. Endosperm glutinous. Cultivated. Seed.
458644. Len Thian 8. China, Peoples Repub of. Maturity 123 days. Endosperm glutinous. Cultivated. Seed.
458645. Long Gu 14. China, Peoples Repub of. Maturity 130-140 days. Endosperm glutinous. Cultivated. Seed.
458646. Long Thian 1. China, Peoples Repub of. Maturity 125 days. Endosperm glutinous. Cultivated. Seed.
458647. Swei Gu 2 Swei. China, Peoples Repub of. Maturity 115 days. Endosperm glutinous. Cultivated. Seed.

458648. *Sorghum bicolor* (L.) Moench (Poaceae) Sweet Sorghum.

From Germany, Federal Rep of. Bundesforschungsanstalt für Landwirtschaft, Institut für Pflanzenbau und Pflanzenzüchtung, Braunschweig-Volkenrode.
Received March 1981.

BGRC 27490. Sorsa. Germany, Federal Rep of. Cultivated.
Seed.

458649. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Burma. J. Yohe, Division of Agricultural Production, Office of Agriculture, Agency for International Development, Washington, D. C.
Received March 1981.

Burma. Market, Rangoon. Produced in Shan State, approx. lat. 22 deg. North. Cultivated. Seed.

458650. *Cucurbita maxima* Duch. (Cucurbitaceae) Winter squash.

From Surinam. P. R. Trail, Publication Department, New York State Agriculture Experiment Station, Geneva, New York, USA.
Received May 1981.

PRT 1. Surinam. Collected March 24, 1981. Market, Paramaribo. Fruit ovate to round, 15.2-30.5cm diameter, green with greenish-yellow blotches. Flesh 2.5-5.1cm thick, orange. Cultivated. Seed.

458651. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From Surinam. P. R. Trail, Publication Department, New York State Agriculture Experiment Station, Geneva, New York, USA.
Received May 1981.

PRT 2. Surinam. Collected March 24, 1981. Market, Paramaribo. Fruit small, round to flattish, light red to orange red, 3.8cm diameter. Skin firm, tough. Seed cavity watery. Tomato flavor lacking, acid to taste. Cultivated. Seed.

458652 TO 458659. *Cucurbita andreana* Naud. (Cucurbitaceae).

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California.
Received January 1981.

458652 TO 458659-continued

458652. TWW-2. Argentina. Rio Segundo, Cordoba Province. Manfredi Estacion Experimental, INTA. Collected October 17, 1980. From Corrientes Herbarium specimen. Wild. Seed.
458653. TWW-3. Argentina. La Plata, Buenos Aires. Museo. Collected October 17, 1980. Puente Laguna Esquivel, Partido Chascomus. Donated by E. M. Zardini. Wild. Seed.
458654. TWW-12. Argentina. Rio Segundo, Cordoba Province. Manfredi Estacion Experimental, INTA. Collected October 19, 1980. Collected by A. Krapovickas. From herbarium specimen. Wild. Seed.
458655. TWW-98. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3873. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds very small, brownish, margins narrow, same color. Wild. Seed.
458656. TWW-99. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3874. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds very small, brownish, margins narrow, same color. Wild. Seed.
458657. TWW-100. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3875. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, brownish, margins same color. Wild. Seed.
458658. TWW-101. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3877. Collected October 30, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, long, narrow, brownish, margins same color. Wild. Seed.
458659. TWW-105. Argentina. Collected October 29, 1980. Near Laguna Alsina, southern part of Buenos Aires Province. Collected by H. Brucher, Mendoza, Mendoza Province. Seeds very small, probably a primitive type. Wild. Seed.

458660 TO 458720. Cucurbita maxima Duch. (Cucurbitaceae) Winter squash.

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California.
Received January 1981.

458660. TWW-4. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Probably a mixture of local types. Local name Zapallo.

458660 TO 458720-continued

Cultivated. Seed.

458661. TWW-5. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Probably a mixture of local types. Local name Zapallo. Cultivated. Seed.
458662. TWW-6. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Fruit medium-sized with deep vein tracts, rough surface. Probably from Misiones. Local name Zapallo. Cultivated. Seed.
458663. TWW-7. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Fruit medium-sized, Probably elongate, with a rough surface. Probably from Misiones. Local name Zapallo. Cultivated. Seed.
458664. TWW-8. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Fruit surface rough. Probably from Misiones. Local name Zapallo. Cultivated. Seed.
458665. TWW-9. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Fruit surface rough. Probably from Misiones. Local name Zapallo. Cultivated. Seed.
458666. TWW-10. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Fruit surface rough. Flesh yellow, thick. Seeds large, yellow. Probably from Misiones. Local name Zapallo. Cultivated. Seed.
458667. TWW-11. Argentina. Collected October 18, 1980. Market, Corrientes, Department Capital, Corrientes Province. Fruit 15 x 15cm, flattish, beige. Cavity large. Flesh lemon, thin. Seeds many, immature. Probably from Misiones. Local name Zapallo. Cultivated. Seed.
458668. TWW-13. Redondo grueso crillo. Argentina. Collected October 19, 1980. Seed store, Corrientes, Department Capital, Corrientes Province. Fruit skin green or grayish, vein tracts deep. Flesh orange. Local name Zapallo. Cultivated. Seed.
458669. TWW-14. Hubbard rojo. Argentina. Collected October 19, 1980. Seed Store, Corrientes, Department Capital, Corrientes Province. Warty Hubbard type, fruit skin orange. Local name Zapallo. Cultivated. Seed.
458670. TWW-15. Argentina. Collected October 20, 1980. Market,

458660 TO 458720-continued

- Corrientes, Department Capital, Corrientes Province.
Probably imported from Misiones. Fruit yellow, rough
surface, deep vein tracts, skin orange. Flesh yellow.
Local name Zapallo. Cultivated. Seed.
458671. TWW-16. Argentina. Collected October 20, 1980. Market,
Corrientes, Department Capital, Corrientes Province.
Probably imported from Misiones. Green Hubbard type.
Fruit rough, dark green. Flesh lemon, thin. Seed cavity
large. Local name Zapallo. Cultivated. Seed.
458672. TWW-17. Argentina. Collected October 20, 1980. Market,
Corrientes, Department Capital, Corrientes Province.
Probably imported from Misiones. Fruit flattish, smooth
surface, orange, medium vein tracts, light color,
producing stripes. Flesh lemon, thin. Seed cavity large.
Local name Zapallo. Cultivated. Seed.
458673. TWW-43. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 30, 1980.
Donated by L.O. Melis. Bush type. Fruit solid white.
Local name Tabalque. Cultivated. Seed.
458674. TWW-44. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 31, 1980.
Donated by L.O. Melis. Bush type. Fruit and seeds white.
Local name Lampa. Cultivated. Seed.
458675. TWW-45. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 31, 1980.
Donated by L.O. Melis. Bush type. Fruit white. Local name
Naclao. Cultivated. Seed.
458676. TWW-46. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 30, 1980.
Donated by L.O. Melis. Bush type. Seeds white, marginless.
Local name Supupa. Cultivated. Seed.
458677. TWW-47. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 30, 1980.
Donated by L.O. Melis. Bush type. Seeds white, margins
present. Local name Sipigua. Cultivated. Seed.
458678. TWW-48. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 31, 1980.
Donated by L.O. Melis. Bush type. Seeds white, margins
white. Local name Tanca. Cultivated. Seed.
458679. TWW-49. Argentina. Chacras de Coria, Mendoza Province.
Instituto de Horticultura. Collected October 31, 1980.
Donated by L.O. Melis. Seeds white, margins white. Local
name Relanta. Cultivated. Seed.

458660 TO 458720-continued

458680. TWW-50. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds white, margins light. Local name Maluen. Cultivated. Seed.
458681. TWW-51. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds large, margins light. Local name Pelatoy. Cultivated. Seed.
458682. TWW-52. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds white, margins white. Local name Malopara. Cultivated. Seed.
458683. TWW-53. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds white, sculptured, marginless. Local name Vistalba. Cultivated. Seed.
458684. TWW-54. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds small, white, almost marginless. Local name Alayo. Cultivated. Seed.
458685. TWW-55. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds large, white, margins white. Local name Anton. Cultivated. Seed.
458686. TWW-56. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds white, margins almost white. Local name Chinque. Cultivated. Seed.
458687. TWW-57. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds white, margins light. Local name Choay. Cultivated. Seed.
458688. TWW-58. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds small, white, margins light. Local name Maguilta. Cultivated. Seed.
458689. TWW-59. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds small, white, margins light. Local name Pallamay. Cultivated. Seed.
458690. TWW-60. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980.

458660 TO 458720-continued

- Donated by L.O. Melis. Bush type. Seeds medium-sized, white, more or less marginless. Local name Chacoriano. Cultivated. Seed.
458691. TWW-61. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Winter bush type. Seeds large, white, margins white. Local name Marino de Mendoza. Cultivated. Seed.
458692. TWW-62. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds medium-sized, white, margins light. Local name Vistalba. Cultivated. Seed.
458693. TWW-63. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds medium-sized, roundish, white, margins light. Local name Vinaca. Cultivated. Seed.
458694. TWW-64. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds medium-sized, white, more or less marginless. Local name Taplop. Cultivated. Seed.
458695. TWW-65. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds medium-sized, white, with slight sculpturing, margins light. Local name Sayanca. Cultivated. Seed.
458696. TWW-66. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Seeds large, white, margins light. Local name Carla. Cultivated. Seed.
458697. TWW-67. Argentina. Chacras de Coria, Mendoza Province. Instituto de Horticultura. Collected October 31, 1980. Donated by L.O. Melis. Bush type. Seeds medium-sized, white, margins darker. Local name Pichagua. Cultivated. Seed.
458698. TWW-68. Argentina. La Consulta, Mendoza Province. INTA, Station Experimental. Collected October 29, 1980. Seeds white, medium-sized, margins present. Local name Zapallito del Tronco (Cochi magnif.). Cultivated. Seed.
458699. TWW-69. Argentina. La Consulta, Mendoza Province. INTA, Station Experimental. Collected October 29, 1980. Seeds white, medium-sized, margins present. Local name Campana-

458660 TO 458720-continued

Labanda-70. Cultivated. Seed.

458700. TWW-70. Argentina. La Consulta, Mendoza Province. INTA, Station Experimental. Collected October 29, 1980. Seeds large, dirty white, margins present. Local name Capana-Ingles. Cultivated. Seed.
458701. TWW-71. Argentina. La Consulta, Mendoza Province. INTA, Station Experimental. Collected October 29, 1980. Seeds white, small, margins broad. Local name Zipinki Campana. Cultivated. Seed.
458702. TWW-72. Argentina. La Consulta, Mendoza Province. INTA, Station Experimental. Collected October 29, 1980. Seeds Banana type, large, tan, margins broad, light. Local name Plomo ruso (Plaunorskja). Cultivated. Seed.
458703. TWW-76. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3738. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds Banana type, large, golden brown, margins lighter. Cultivated. Seed.
458704. TWW-78. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3741. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, creamy white, margins darker. Cultivated. Seed.
458705. TWW-79. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3742. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds Banana type, medium-sized, golden brown, margins lighter. Cultivated. Seed.
458706. TWW-80. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3745. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds very large, golden brown, margins slightly lighter, wrinkled or wavy. Cultivated. Seed.
458707. TWW-81. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3791. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, white, margins white. Cultivated. Seed.
458708. TWW-82. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3811. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, white, margins white. Cultivated. Seed.
458709. TWW-86. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3826. Collected

458660 TO 458720-continued

- October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium to large, white, margins darker. Cultivated. Seed.
458710. TWW-87. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3832. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds large, white, margins slightly darker. Cultivated. Seed.
458711. TWW-88. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3835. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds broad, large, white, margins darker. Cultivated. Seed.
458712. TWW-90. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3845. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, creamy white, margins darker. Cultivated. Seed.
458713. TWW-91. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3848. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium to small, dingy white, margins darker. Cultivated. Seed.
458714. TWW-92. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3856. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, pure white, margins same color. Cultivated. Seed.
458715. TWW-93. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3859. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds small to medium, pure white, margins slightly sculptured, darker. Cultivated. Seed.
458716. TWW-94. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3860. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, white with light sculpturing, margins darker. Cultivated. Seed.
458717. TWW-95. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3864. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds small, white, margins darker. Cultivated. Seed.
458718. TWW-97. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3869. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds small to medium-sized, pure white, margins slightly

458660 TO 458720-continued

darker. Cultivated. Seed.

458719. TWW-102. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3879. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium to large, creamy white, margins darker. Cultivated. Seed.
458720. TWW-103. Argentina. Buenos Aires. N. I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3880. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, dirty white, margins darker. Cultivated. Seed.

458721 TO 458727. Cucurbita mixta Pang. (Cucurbitaceae).

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California.

Received January 1981.

458721. TWW-37. Argentina. Mendoza Province. Instituto de Horticultura, Chacras de Coria. Collected October 31, 1980. Donated by L. O. Melis. Seeds sculptured. Local name Soberbio. Cultivated. Seed.
458722. TWW-38. Argentina. Mendoza Province. Instituto de Horticultura, Chacras de Coria. Collected October 31, 1980. Donated by L. O. Melis. Seeds sculptured. Local name Taboy. Cultivated. Seed.
458723. TWW-39. Argentina. Mendoza Province. Instituto de Horticultura, Chacras de Coria. Collected October 31, 1980. Donated by L. O. Melis. Seeds sculptured. Local name Taboy. Cultivated. Seed.
458724. TWW-40. Argentina. Mendoza Province. Instituto de Horticultura, Chacras de Coria. Collected October 31, 1980. Donated by L. O. Melis. Seeds sculptured. Local name Soberbio. Cultivated. Seed.
458725. TWW-41. Argentina. Mendoza Province. Instituto de Horticultura, Chacras de Coria. Collected October 30, 1980. Donated by L. O. Melis. Seeds sculptured. Local name Chirimayo. Cultivated. Seed.
458726. TWW-42. Argentina. Mendoza Province. Instituto de Horticultura, Chacras de Coria. Collected October 31, 1980. Donated by L. O. Melis. Seeds sculptured. Local name Chirimayo. Cultivated. Seed.
458727. TWW-96. Argentina. Buenos Aires. N.I. Vavilov

458721 TO 458727-continued

Laboratory, Catedra de Bot. Agr. VAV 3866. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, creamy white, sculptured, margins darker. Cultivated. Seed.

**458728 TO 458729. Cucurbita moschata (Duch.) Duch. ex Poir.
(Cucurbitaceae) Squash.**

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California.

Received January 1981.

458728. TWW-73. Argentina. Mendoza Province. INTA, Station Experimental, La Consulta. Collected October 29, 1980. Seeds small, dirty white, margins lighter. Local name Zapallito anguito (Butternut). Cultivated. Seed.

458729. TWW-89. Argentina. Buenos Aires. N.I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3838. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, creamy white, margins darker, frayed. Cultivated. Seed.

458730 TO 458734. Cucurbita pepo L. (Cucurbitaceae).

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California.

Received January 1981.

458730. TWW-74. Argentina. Mendoza Province. INTA, Station Experimental, La Consulta. Collected October 29, 1980. Seeds medium-sized, dirty white, margins same color. Local name Zapallito Italiano (Tupungato magnif.). Cultivated. Seed.

458731. TWW-77. Argentina. Buenos Aires. N.I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3738. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds large, creamy white, margins darker. Cultivated. Seed.

458732. TWW-83. Argentina. Buenos Aires. N.I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3815. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds medium-sized, creamy white, margins slightly darker. Cultivated. Seed.

458733. TWW-84. Argentina. Buenos Aires. N.I. Vavilov Laboratory, Catedra de Bot. Agr. VAV 3819. Collected October 29, 1980. Donated by J. Camara-Hernandez. Seeds

458730 TO 458734-continued

medium-sized, creamy white, margins same color.
Cultivated. Seed.

458734. TW-85. Argentina. Buenos Aires. N.I. Vavilov
Laboratory, Catedra de Bot. Agr. VAV 3822. Collected
October 29, 1980. Donated by J. Camara-Hernandez. Fruit
rather plump. Seeds creamy white, margins slightly darker.
Cultivated. Seed.

458735. *Cyclanthera pedata* (L.) Schrad. (Cucurbitaceae).

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley
Conservation Research Center, USDA, SEA-AR, Brawley,
California.
Received January 1981.

TW-75. Argentina. Buenos Aires. N.I. Vavilov
Laboratory, Catedra de Bot. Agr. Collected October 29,
1980. Dept. Tilicara, Jujuy Province. Donated by J.
Camara-Hernandez. Seeds black, ridged, resembles small
mud turtle. Local name Achoa. Wild. Seed.

458736. *Lagenaria siceraria* (Mol.) Standl. (Cucurbitaceae) Bottle
gourd.

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley
Conservation Research Center, USDA, SEA-AR, Brawley,
California.
Received January 1981.

TW-104. Argentina. Buenos Aires. N.I. Vavilov
Laboratory, Catedra de Bot. Agr. VAV 5951. Collected
October 29, 1980. Donated by J. Camara-Hernandez. Seeds
medium-sized, dark, almost black, plump, block type.
Cultivated. Seed.

458737. *Sicana odorifera* (Vell.) Naud. (Cucurbitaceae) Cassabanana.

From Argentina. T. W. Whitaker, Collaborator, Imperial Valley
Conservation Research Center, USDA, SEA-AR, Brawley,
California.
Received January 1981.

TW-1. Argentina. Collected October 17, 1980. Probably
from Department Capital, Province of Corrientes. Seeds
from dried fruit in herbarium, may not be viable. Wild.
Seed.

**458738 TO 458739. *Citrullus lanatus* (Thunb.) Matsum. & Nakai
(Cucurbitaceae) Watermelon.**

From Paraguay. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California, USA. Received through Pastor Arenas, Santa Rosa Mission, CEFAPRIN, Chaco Paraguayo, Paraguay. Received May 1981.

458738. TWW-110. Paraguay. Collected March 1981. Santa Rosa, Chaco Prov., lat. 21 deg. 45' S, long. 61 deg. 31' W. Seeds black or mottled, dark. From Manjuy Indians. Local name Sandia (iloota). Cultivated. Seed.

458739. TWW-111. Paraguay. Collected February 23, 1981. Santa Rosa, Chaco Prov., lat. 21 deg. 45' S, long. 61 deg. 31' W. Seeds of mixed colors. From Manjuy Indians. Local name Sandia. Cultivated. Seed.

458740 TO 458743. *Cucurbita maxima* Duch. (Cucurbitaceae) Winter squash.

From Paraguay. T. W. Whitaker, Collaborator, Imperial Valley Conservation Research Center, USDA, SEA-AR, Brawley, California, USA. Received through Pastor Arenas, Santa Rosa Mission, CEFAPRIN, Chaco Paraguayo, Paraguay. Received May 1981.

458740. TWW-106. Paraguay. Collected March 1981. Santa Rosa, Chaco Prov., lat. 21 deg. 45' S, long. 61 deg. 31' W. Seeds Banana type, medium-sized, tan. From Manjuy Indians. Local name Yisnaye andai. Cultivated. Seed.

458741. TWW-107. Paraguay. Collected March 1981. Santa Rosa, Chaco Prov., lat. 21 deg. 45' S, long. 61 deg. 31' W. Seeds medium-sized, white. From Manjuy Indians. Local name Zapallo. Cultivated. Seed.

458742. TWW-108. Paraguay. Collected March 1981. Santa Rosa, Chaco Prov., lat. 21 deg. 45' S, long. 61 deg. 31' W. Seeds small, white. From Manjuy Indians. Local name Zapallo. Cultivated. Seed.

458743. TWW-109. Paraguay. Collected February 23, 1981. Santa Rosa, Chaco Prov., lat. 21 deg. 45' S, long. 61 deg. 31' W. Seeds Banana type, medium-sized, tan. From Manjuy Indians. Local name Andai Yisnaye. Cultivated. Seed.

458744. *Cucurbita ficifolia* Bouche (Cucurbitaceae) Figleaf gourd.

From Guatemala. F. Mazariegos, Central American Research Institute for Industry, Guatemala City. Received through R.J. Knight, USDA Subtropical Horticulture Research Unit,

458744-continued
Miami, Florida.
Received May 1981.

Guatemala. USDA Subtropical Horticulture Res. Unit,
Miami, FL. M-27173. Collected March 1981. Patzun. Fruit
6.8kg. Local name Chilacayote. Cultivated. Seed.

458745 TO 458747. *Cucurbita moschata* (Duch.) Duch. ex Poir.
(Cucurbitaceae) Squash.

From Guatemala. F. Mazariegos, Central American Research
Institute for Industry, Guatemala City. Received through
R.J. Knight, USDA Subtropical Horticulture Research Unit,
Miami, Florida.
Received May 1981.

458745. Guatemala. USDA Subtropical Horticulture Res. Unit,
Miami, FL. M-27171. Collected March 1981. El Fiscal.
Fruit 2.8kg, long. Received as *Cucurbita* sp. Local name
Ayote. Cultivated. Seed.

458746. Guatemala. USDA Subtropical Horticulture Res. Unit,
Miami, FL. M-27172. Collected March 1981. La Tinta, Alta
Verapaz. Fruit 2.6kg, whitish, shaped like acorn squash.
Received as *Cucurbita* sp. Local name Ayote. Cultivated.
Seed.

458747. Guatemala. USDA Subtropical Horticulture Res. Unit,
Miami, FL. M-27176. Collected March 1981. Chinautla.
Received as *Cucurbita* sp. Local name Ayote verde.
Cultivated. Seed.

458748 TO 458750. *Cucurbita* sp. (Cucurbitaceae).

From Guatemala. F. Mazariegos, Central American Research
Institute for Industry, Guatemala City. Received through
R.J. Knight, USDA Subtropical Horticulture Research Unit,
Miami, Florida.
Received May 1981.

458748. Guatemala. USDA Subtropical Horticulture Res. Unit,
Miami, FL. M-27167. Collected March 1981. Solola. Fruit
0.7kg, yellow, small-ribbed, shaped like acorn squash.
Local name Guicoy amarillo chiguito. Cultivated. Seed.

458749. Guatemala. USDA Subtropical Horticulture Res. Unit,
Miami, FL. M-27168. Collected March 1981. Tamahu, Alta
Verapaz. Fruit 3.4kg, white, pear-shaped like butternut
squash. Flesh yellow. Local names Ayotillo rojo and Ayote
grande de la tinta. Cultivated. Seed.

458748 TO 458750-continued

458750. Guatemala. USDA Subtropical Horticulture Res. Unit, Miami, FL. M-27175. Collected March 1981. Solola. Fruit 2.0kg, greenish-yellow, large, acorn-shaped. Local name Guicoy grande verde. Cultivated. Seed.

458751. *Dahlia* sp. (Asteraceae).

From Guatemala. F. Mazariegos, Central American Research Institute for Industry, Guatemala City. Received through R.J. Knight, USDA Subtropical Horticulture Research Unit, Miami, Florida.
Received May 1981.

Catarina. Guatemala. USDA Subtropical Horticulture Res. Unit, Miami, FL. M-27166. Collected March 1981. Plants 2-3m tall. Flowers 12-15cm in terminal clusters, light lavender pink. Common in coffee plantations. Resembles wild dahlias in Chiapas State, Mexico. Cultivated. Seed.

458752. *Luffa aegyptiaca* Mill. (Cucurbitaceae) Vegetable sponge.

From Guatemala. F. Mazariegos, Central American Research Institute for Industry, Guatemala City. Received through R.J. Knight, USDA Subtropical Horticulture Research Unit, Miami, Florida.
Received May 1981.

Guatemala. USDA Subtropical Horticulture Res. Unit, Miami, FL. M-27170. Collected March 1981. La Tinta, Alta Verapaz. Old world tropics. Local names are Paxte and Estropajo. Cultivated. Seed.

458753. *Momordica charantia* L. (Cucurbitaceae) Balsam pear.

From Guatemala. F. Mazariegos, Central American Research Institute for Industry, Guatemala City. Received through R.J. Knight, USDA, Subtropical Horticulture Research Unit, Miami, Florida.
Received May 1981.

Guatemala. USDA Subtropical Horticulture Res. Unit, Miami, FL. M-27169. Collected March 13, 1981. El Estor. Widespread in tropics. Local name Ayotillo rojo. Wild. Seed.

458754. *Sicana odorifera* (Vell.) Naud. (Cucurbitaceae) Cassabanana.

From Guatemala. F. Mazariegos, Central American Research

458754-continued

Institute for Industry, Guatemala City. Received through R.J. Knight, USDA Subtropical Horticulture Research Unit, Miami, Florida.
Received May 1981.

Guatemala. USDA Subtropical Horticulture Res. Unit, Miami, FL. M-27174. Collected March 1981. Solola. Fruit long, greenish. Seeds flat, 2.5cm long, 1.3cm wide, dark brown with a band around edge, tan, hairy within border. Received as Cucurbita sp. Cultivated. Seed.

458755. *Oryza sativa* L. (Poaceae) Rice.

From France. INRA, Centre de Recherches Agronomiques de Montpellier, Station d'Amelioration des Plantes, 34060 Montpellier Cedex.
Received April 1981.

'Cristal'. France. Cultivated. Seed.

458756. *Aeschynomene indica* L. (Fabaceae).

From China, Peoples Repub of. Yang Yunsheng, Jiangsu Academy of Agricultural Science, Nanjing, Jiangsu Province.
Received May 1981.

China, Peoples Repub of. Jiangsu Province. Wild. Seed.

458757. *Astragalus sinicus* L. (Fabaceae).

From China, Peoples Repub of. Yang Yunsheng, Jiangsu Academy of Agricultural Science, Nanjing, Jiangsu Province.
Received May 1981.

China, Peoples Repub of. Jiangsu Province. Wild. Seed.

458758. *Medicago polymorpha* L. (Fabaceae) California burclover.

From China, Peoples Repub of. Yang Yunsheng, Jiangsu Academy of Agricultural Science, Nanjing, Jiangsu Province.
Received May 1981.

China, Peoples Repub of. Jiangsu Province. Received as *Medicago hispida*. Wild. Seed.

458759. *Sesbania cannabina* (Retz.) Poir. (Fabaceae).

From China, Peoples Repub of. Yang Yunsheng, Jiangsu Academy of

458759-continued

Agricultural Science, Nanjing, Jiangsu Province.
Received May 1981.

China, Peoples Repub of. Jiangsu Province. Wild. Seed.

458760. *Vicia villosa* Roth (Fabaceae) Hairy vetch.

From China, Peoples Repub of. Yang Yunsheng, Jiangsu Academy of
Agricultural Science, Nanjing, Jiangsu Province.
Received May 1981.

China, Peoples Repub of. Jiangsu Province. Wild. Seed.

458761. *Oryza sativa* L. (Poaceae) Rice.

From Italy. Centro Di Ricerche Sul Riso, Ente Nazionale Risi,
27036 Mortara (PV).
Received April 1981.

Vialone. Italy. Cultivated. Seed.

458762 TO 458763. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.
Received April 1981.

458762. LS-88-3. Brazil. Cultivated. Seed.

458763. IV 29-4. Brazil. Cultivated. Seed.

458764. *Oryza sativa* L. (Poaceae) Rice.

From Sri Lanka. G. W. E. Fernando, Agriculture Research,
Peradeniya.
Received April 1981.

Herath Banda. Sri Lanka. Cultivated. Seed.

458765 TO 458776. *Oryza sativa* L. (Poaceae) Rice.

From Japan. Division of Genetics, National Institute of
Agricultural Sciences, Kannondai, Tsukuba, 305.
Received May 1981.

458765. Akinishki. Japan. Cultivated. Seed.

458766. Hatsukaori. Japan. Cultivated. Seed.

458765 TO 458776-continued

- 458767. Hatsunemochi. Japan. Cultivated. Seed.
- 458768. Hounenwase. Japan. Cultivated. Seed.
- 458769. Ishikari. Japan. Cultivated. Seed.
- 458770. Kitakogane. Japan. Cultivated. Seed.
- 458771. Kiyonishiki. Japan. Cultivated. Seed.
- 458772. Kochihibiki. Japan. Cultivated. Seed.
- 458773. Surugawase. Japan. Cultivated. Seed.
- 458774. Tenryou. Japan. Cultivated. Seed.
- 458775. Todorokiwase. Japan. Cultivated. Seed.
- 458776. Wasetoramochi. Japan. Cultivated. Seed.

458777 TO 458783. *Avena* hybrid (Poaceae).

From United Kingdom. H. Thomas, Welsh Plant Breeding Station, University of Wales, Aberystwyth, Wales. Received through M.E. Sorrells, Dept. of Plant Breeding & Biometry, Cornell Univ., Ithaca, NY.
Received May 1981.

- 458777. United Kingdom. *A. barbata* x *A. sativa*. Plants decaploid, amphiploid. Cultivated. Seed.
- 458778. United Kingdom. *A. canariensis* x *A. sativa*. Plants octaploid, amphiploid. Cultivated. Seed.
- 458779. United Kingdom. *A. hirtula* x *A. sativa*. Plants octaploid, amphiploid. Cultivated. Seed.
- 458780. United Kingdom. *A. longiglumis* (CW57) x *A. sativa*. Plants octaploid, amphiploid. Cultivated. Seed.
- 458781. United Kingdom. *A. eriantha* x *A. sativa*. Plants octaploid, amphiploid. Received as *A. pilosa* x *A. sativa*. Cultivated. Seed.
- 458782. United Kingdom. *A. hirtula* x *A. sativa*. Plants octaploid, amphiploid. Received as *A. prostrata* x *A. sativa*. Cultivated. Seed.
- 458783. United Kingdom. *A. ventricosa* x *A. sativa*. Plants octaploid, amphiploid. Cultivated. Seed.

458784. *Avena hybrida* Peterm. (Poaceae).

From United Kingdom. H. Thomas, Welsh Plant Breeding Station, University of Wales, Aberystwyth, Wales. Received through M.E. Sorrells, Dept. of Plant Breeding & Biometry, Cornell Univ., Ithaca, NY. Received May 1981.

United Kingdom. Wales. Hexaploid. Cultivated. Seed.

458785 TO 458820. *Avena sativa* L. (Poaceae) Common oat.

From Canada. A. Comeau, Research Station, Agriculture Canada, Saint-Foy, Quebec G1V 2J3. Code numbers refer to Crosses made by J.-P. Dubuc, Saint-Foy, Quebec. Received March 1981.

- 458785. 7A 200.33. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458786. 7A 200.57. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458787. 7A 200.72. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458788. 7A 201.102. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458789. 7A 201.104. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458790. 7A 201.113. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458791. 7A 201.137. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458792. 7A 201.151. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
- 458793. 7A 201.153. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.

458785 TO 458820-continued

458794. 7A 201.159. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458795. 7A 201.174. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458796. 7A 201.175. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458797. 7A 201.245. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458798. 7A 201.247. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458799. 7A 202.191. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458800. 7A 202.208. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458801. 7A 202.210. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458802. 7A 203.228. Canada. Composite AB-12. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458803. 7A 205.219. Canada. NY 1 - VR. Resistant to Barley Yellow Dwarf Virus; source New York. Cultivated. Breeding Material. Seed.
458804. 77 NZ AA 300. Canada. AC Composite AB-11. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458805. 77 NZ AA 312. Canada. AC Composite AB-11. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458806. 77 NZ AA 319. Canada. AC Composite AB-11. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.

458785 TO 458820-continued

458807. 77 NZ AA 322. Canada. AC Composite AE-11. Resistant to Barley Yellow Dwarf Virus; source Illinois. Cultivated. Breeding Material. Seed.
458808. 78 AA 1420. Canada. Kelsey Composite 1975. Resistant to Barley Yellow Dwarf Virus. Cultivated. Breeding Material. Seed.
458809. 78 AA 1447. Canada. AA 68-75 x M 51. Resistant to Barley Yellow Dwarf Virus; source Norway and New Zealand. Cultivated. Breeding Material. Seed.
458810. 78 AA 1448. Canada. AA 68-75 x M 51. Resistant to Barley Yellow Dwarf Virus; source Norway and New Zealand. Cultivated. Breeding Material. Seed.
458811. 78 AA 1453. Canada. AA 68-75 x M 51. Resistant to Barley Yellow Dwarf Virus; source Norway and New Zealand. Cultivated. Breeding Material. Seed.
458812. 78 AA 1454. Canada. AA 68-75 x M 51. Resistant to Barley Yellow Dwarf Virus; source Norway and New Zealand. Cultivated. Breeding Material. Seed.
458813. 78 AA 1475. Canada. AA 68-75 x M 51. Resistant to Barley Yellow Dwarf Virus; source Norway and New Zealand. Cultivated. Breeding Material. Seed.
458814. 79 OO 373. Canada. OA 236 x FF 64-74. Resistant to Barley Yellow Dwarf Virus; source Michigan and Illinois. Cultivated. Breeding Material. Seed.
458815. 79 OO 380. Canada. OA 236 x FF 64-74. Resistant to Barley Yellow Dwarf Virus; source Michigan and Illinois. Cultivated. Breeding Material. Seed.
458816. 79 OO 423. Canada. OA-236 Composite. Resistant to Barley Yellow Dwarf Virus; source Michigan. Cultivated. Breeding Material. Seed.
458817. 79 OO 424. Canada. OA-236 Composite. Resistant to Barley Yellow Dwarf Virus; source Michigan. Cultivated. Breeding Material. Seed.
458818. 79 OO 425. Canada. OA-236 Composite. Resistant to Barley Yellow Dwarf Virus; source Michigan. Cultivated. Breeding Material. Seed.
458819. 79 OO 428. Canada. OA-236 Composite. Resistant to Barley Yellow Dwarf Virus; source Michigan. Cultivated. Breeding Material. Seed.

458785 TO 458820-continued

458820. 79 00 430. Canada. OA-236 Composite. Resistant to Barley Yellow Dwarf Virus; source Michigan. Cultivated. Breeding Material. Seed.

458821. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.
Received April 1981.

RD 19. Cultivated. Seed.

458822 TO 458823. *Oryza sativa* L. (Poaceae) Rice.

From Brazil. Unidade de Execucao de Pesquisa de Ambito Estadual Pelotas, Empresa Brasileira Pesquisa Agropecuaria, Pelotas.
Received April 1981.

458822. 'BR-IRGA-409'. Brazil. IR930-2/IR665-31-2-4. Cultivated. Seed.

458823. 'BR-IRGA-410'. Brazil. IR930-53/IR665-31-2-4. Cultivated. Seed.

458824 TO 458829. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. R. C. Leffel, USDA, SEA, Oilseed Crops Production, Beltsville, MD, USA.
Received February 1981.

458824. Fengshou No. 11. China, Peoples Repub of. Cultivated. Seed.

458825. Gongjiao 7128-1. China, Peoples Repub of. Cultivated. Seed.

458826. He Feng No. 23. China, Peoples Repub of. Cultivated. Seed.

458827. Jiling No. 14. China, Peoples Repub of. Cultivated. Seed.

458828. Qunxuan No. 1. China, Peoples Repub of. Cultivated. Seed.

458829. Tie Ling Baimei. China, Peoples Repub of. Cultivated. Seed.

458830 TO 458844. *Coffea arabica* L. (Rubiaceae) Coffee.

From Brazil. G. M. Chaves, Setor de Fitopatologia, Universidade

458830 TO 458844-continued
Federal de Vicosa, Minas Gerais.
Received May 1981.

458830. UFV 961. Brazil. (349-09) - Sarchimor - F3. Resistant to coffee rust (*Hemileia vastatrix*). Sarchimor = Villa Sarchi x Hibrido de Timor. Perennial Woody. Cultivated. Breeding Material. Seed.
458831. UFV 981. Brazil. (350-56) - Sarchimor - F3. Resistant to coffee rust (*Hemileia vastatrix*). Sarchimor = Villa Sarchi x Hibrido de Timor. Perennial Woody. Cultivated. Breeding Material. Seed.
458832. UFV 1002. Brazil. (351-33) - Sarchimor x Catura amarelo - F2. Resistant to coffee rust (*Hemileia vastatrix*). Sarchimor = Villa Sarchi x Hibrido de Timor. Perennial Woody. Cultivated. Breeding Material. Seed.
458833. UFV 1965. Brazil. (450-63) - Hibrido de Timor. Resistant to coffee rust (*Hemileia vastatrix*). Perennial Woody. Cultivated. Breeding Material. Seed.
458834. UFV 2339. Brazil. (1350-AII.EERP) - Catimor - F5. Resistant to coffee rust (*Hemileia vastatrix*). Catimor = Caturra vermelho x Hibrido de Timor. Perennial Woody. Cultivated. Breeding Material. Seed.
458835. UFV 2843. Brazil. (1359-26ERPCUFV) - Catimor - F5. Resistant to coffee rust (*Hemileia vastatrix*). Catimor = Caturra vermelho x Hibrido de Timor. Perennial Woody. Cultivated. Breeding Material. Seed.
458836. UFV 3398. Brazil. (1083-629EP1UFV) - Cavimor - F3. Resistant to coffee rust (*Hemileia vastatrix*). Cavimor = Catuai amarelo x Catimor. Perennial Woody. Cultivated. Breeding Material. Seed.
458837. UFV 3495. Brazil. (1088-121T2UFV) - Cavimor - F3. Resistant to coffee rust (*Hemileia vastatrix*). Cavimor = Catuai amarelo x Catimor. Perennial Woody. Cultivated. Breeding Material. Seed.
458838. UFV 3524. Brazil. (1088-163T2UFV) - Cavimor - F3. Resistant to coffee rust (*Hemileia vastatrix*). Cavimor = Catuai amarelo x Catimor. Perennial Woody. Cultivated. Breeding Material. Seed.
458839. UFV 3555. Brazil. (1091-221EP1UFV) - Cavimor - F3. Resistant to coffee rust (*Hemileia vastatrix*). Cavimor = Catuai amarelo x Catimor. Perennial Woody. Cultivated. Breeding Material. Seed.
458840. UFV 3614. Brazil. (1096-272EP1UFV) - Cavimor - F3.

458830 TO 458844-continued

Resistant to coffee rust (*Hemileia vastatrix*). Caimor =
Catuai amarelo x Catimor. Perennial Woody. Cultivated.
Breeding Material. Seed.

458841. UFV 3866. Brazil. (1603-644EPPCUFV) - Catimor - F5.
Resistant to coffee rust (*Hemileia vastatrix*). Catimor =
Caturra vermelho x Hibrido de Timor. Perennial Woody.
Cultivated. Breeding Material. Seed.

458842. UFV 3907. Brazil. (1606-36T3UFV) - Catimor - F5.
Resistant to coffee rust (*Hemileia vastatrix*). Catimor =
Caturra vermelho x Hibrido de Timor. Perennial Woody.
Cultivated. Breeding Material. Seed.

458843. UFV 4267. Brazil. (1541-559T1UFV) - Catimor - F5.
Resistant to coffee rust (*Hemileia vastatrix*). Catimor =
Caturra vermelho x Hibrido de Timor. Perennial Woody.
Cultivated. Breeding Material. Seed.

458844. UFV 4716. Brazil. (2047-788EP1UFV) - Catimor - F4.
Resistant to coffee rust (*Hemileia vastatrix*). Catimor =
Caturra vermelho x Hibrido de Timor. Perennial Woody.
Cultivated. Breeding Material. Seed.

458845 TO 458856. *Cucumis sativus* L. (Cucurbitaceae) Cucumber.

From Soviet Union. D. E. Marshall, USDA, Agricultural Engineering
Department, Michigan State University, East Lansing,
Michigan, USA. Received through L. Baker, Dept. of
Horticulture, Michigan State University.
Received May 1981.

458845. Cu 1-1. Soviet Union. Vegetable market, Moscow, March
1979. Monoecious, female flowers late. Fruit tapered,
short, dark green, stippled. Spines coarse, black.
Michigan seed increase and descriptions. Cultivated. Seed.

458846. Cu 1-2. Soviet Union. Vegetable market, Moscow, March
1979. Monoecious, female flowers late. Fruit tapered,
short, dark green, stippled. Spines coarse, black.
Michigan seed increase and descriptions. Cultivated. Seed.

458847. Cu 1-3. Soviet Union. Vegetable market, Moscow, March
1979. Monoecious, female flowers late. Fruit tapered,
short, dark green, stippled. Spines coarse, black.
Michigan seed increase and descriptions. Cultivated. Seed.

458848. Cu 1-4. Soviet Union. Vegetable market, Moscow, March
1979. Monoecious, female flowers late. Fruit tapered,
short, dark green, stippled. Spines coarse, black.
Michigan seed increase and descriptions. Cultivated. Seed.

458845 TO 458856-continued

458849. Cu 2-1. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers late. Fruit tapered, short, dark green, stippled. Spines coarse segregating for fine, black segregating for white. Michigan seed increase and descriptions. Cultivated. Seed.
458850. Cu 2-2. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers late. Fruit tapered, short, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.
458851. Cu 2-3. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers late. Fruit tapered, short, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.
458852. Cu 2-4. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers late. Fruit tapered, medium length similar to U.S. pickle types, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.
458853. Cu 3-1. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers late. Fruit tapered, medium length similar to U.S. pickle types, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.
458854. Cu 3-2. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers late, some multiple tendency per node. Fruit tapered, short, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.
458855. Cu 3-3. Soviet Union. Vegetable market, Moscow, March 1979. Monoecious, female flowers, late. Fruit tapered, short, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.
458856. Cu 3-4. Soviet Union. Vegetable market, Moscow, March 1979, originally from Ukraine. Monoecious, female flowers late, some multiple tendency per node. Fruit tapered, short, dark green, stippled. Spines coarse, black. Michigan seed increase and descriptions. Cultivated. Seed.

458857 TO 458860. *Daucus carota* subsp. *sativus* (Hoffm.) Arcang.
(Apiaceae) Carrot.

From Soviet Union. D. E. Marshall, USDA, Agricultural Engineering Department, Michigan State University, East Lansing, Michigan, USA. Received through L. Baker, Dept. of

458857 TO 458860-continued

Horticulture, Michigan State University.
Received May 1981.

458857. Ca 2-1. Soviet Union. Vegetable market, Moscow, March 1979. Plants medium height, few bolters. Roots Danvers type with average smoothness, external color, and uniformity. Blight tolerant. Michigan seed increase and descriptions. Cultivated. Seed.
458858. Ca 2-2. Soviet Union. Vegetable market, Moscow, March 1979. Plants medium height, several bolters. Roots Chantenay type with average smoothness and external color and better uniformity. Blight tolerant. Michigan seed increase and descriptions. Cultivated. Seed.
458859. Ca 3-1. Soviet Union. Vegetable market, Moscow, March 1979. Plants short, few bolters. Roots Chantenay type with fair smoothness, external color, and uniformity. Best of four accessions. Some blight tolerance. Michigan seed increase and descriptions. Cultivated. Seed.
458860. Ca 3-2. Natez. Soviet Union. Vegetable market, Moscow, March 1979. Plants medium height, several bolters. Roots variable, Nantes type with mediocre smoothness and external color. Blight tolerant. Michigan seed increase and descriptions. Cultivated. Seed.

458861 TO 458868. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.
Received June 1981.

458861. ARC 5943. Seed source Acc. 42484. Cultivated. Seed.
458862. Bembu Basah. Seed source Acc. 11. Cultivated. Seed.
458863. BPI 76. Seed source 79 IURON. Cultivated. Seed.
458864. IR 2798-115-2-3. Seed source 78 IRSHBN. Cultivated. Seed.
458865. IR 4422-98-3-6. Seed source 78 IRSHBN. Cultivated. Seed.
458866. IR 4531-10057-5-1-2. Seed source 78 IRSHBN. Cultivated. Seed.
458867. Raminad Str 3. Seed source 78 IRBN. Cultivated. Seed.
458868. Seri Raja. Seed source Acc. 15. Cultivated. Seed.

458869. *Cicer arietinum* L. (Fabaceae) Chickpea.

From Iran. Regional Pulse Improvement Project, Agency for

458869-continued

International Development & U.S. Dept. of Agriculture,
Tehran. Received through W. J. Kaiser, Regional Plant
Introduction Station, Pullman, WA.
Received February 1981.

12-074-06625. Israel. Plants semierect. Flowers purple.
Seeds black. Cultivated. Breeding Material. Seed.

458870. *Cicer arietinum* L. (Fabaceae) Chickpea.

From United States. Burpee Seed Company, Riverside, California.
Received through W. J. Kaiser, Regional Plant
Introduction Station, Pullman, WA. Code numbers refer to
seed catalog designations.
Received February 1981.

5024-5. United States. Collected 1979. Plants semierect.
Flowers white. Seeds large, cream colored. Cultivated.
Breeding Material. Seed.

458871 TO 458872. *Cicer arietinum* L. (Fabaceae) Chickpea.

From United States. V. E. Wilson, Washington State University,
Pullman, Washington. Received through W. J. Kaiser,
Regional Plant Introduction Station, Pullman, WA.
Received February 1981.

458871. Collected 1979. Plants semierect. Leaves pinnately
compound. Flowers white. Seeds light cream colored. Known
as PCL (pinnately compound leaf). Cultivated. Breeding
Material. Seed.

458872. Pakistan. Faisalabad. Collected in early 1970's. Plants
semierect. Leaves simple. Seeds large, light cream
colored. Known as UFL (unifoliar leaf). Cultivated.
Breeding Material. Seed.

458873 TO 458874. *Phaseolus acutifolius* A. Gray (Fabaceae) Tepary bean.

From Kenya. Muguga Plant Quarantine Station, Muguga. Received
through W. J. Kaiser, Regional Plant Introduction
Station, Pullman, WA.
Received February 1981.

458873. EAI 3734. United States. Beltsville, Maryland. J. M.
Schalk, USDA Agric. Research Center. Plants viny. Seeds
white. Cultivated. Breeding Material. Seed.

458874. EAI 5355. United States. Puerto Rico. Plants viny. Seeds
white. Cultivated. Breeding Material. Seed.

458875 TO 458876. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Kenya. Muguga Plant Quarantine Station, Muguga. Received through W. J. Kaiser, Regional Plant Introduction Station, Pullman, WA. Received February 1981.

458875. EAI 6365. Noorinbee. Australia. Burnley, Victoria. Seeds dark red, kidney type. Resistant to halo blight (*Pseudomonas phaseolicola*). Cultivated. Seed.
458876. EAI 6645. RH-13. France. Route de St.-Cyr, Versailles. Station d'Amelioration des Plantes. Bush type. Seeds white, kidney type. Disease resistant. Cultivated. Seed.

458877 TO 458913. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received June 1981.

458877. B 2850-SI-2-1. Philippines. B241B-KN-91-3-1/IR2011-15-4-1-2. Seed source OYT 5832. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458878. IR10232-17-2. Philippines. NABATAT/IR2153-43-2-5-2//IR2053-290-2-1-2. Seed source RYT 2061. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458879. IR11288-B-B-436-1-1. Philippines. IR2071-625-1-252/MN 111. Seed source RYT 2068. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458880. IR13146-41-3. Philippines. BG90-2/IR34//IR2058-78-1-3-2-3. Seed source RYT 2075. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458881. IR13149-3-2-2. Philippines. BG90-2/IR2058-78-1-3-2-3//IR4417-177-1-4. Seed source RYT 2081. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458882. IR13415-51-1. Philippines. IR2863-38/IR2056-78-1//IR2863-38. Seed source RYT 2106. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458883. IR13429-196-1-29. Philippines. IR4432-53-33/PTB33//IR2071-625-1-252. Seed source RYT 1719. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458884. IR13453-52-1-1-3. Philippines. N22/BG90-2//IR2071-625-1-252. Seed source RYT 1865. Moderately resistant to sheath blight in dry season. Cultivated. Seed.

458877 TO 458913-continued

458885. IR15500-145-2-3-2. Philippines. IET3269/IR2071-625-1-252/
/IR2793-80-1. Seed source OYT 5703. Moderately resistant
to sheath blight in dry season. Cultivated. Seed.
458886. IR15500-32-1-3-2. Philippines. IET3269/IR2071-625-1-252/
/IR2793-80-1. Seed source OYT 5702. Moderately resistant
to sheath blight in dry season. Cultivated. Seed.
458887. IR15538-95-1-3. Philippines. IR2071-625-1-252/IET1444/
/IR2307-64-2-2. Seed source OYT 5707. Moderately
resistant to sheath blight in dry season. Cultivated.
Seed.
458888. IR19256-88-1. Philippines. IR2070-464-1-3PCSR-1//IR747B2-
6-3. Seed source RYT 2187. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458889. IR19764-13-2-2-3. Philippines. IR9201-91-2-2/IR10187-80.
Seed source RYT 1654. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458890. IR19764-15-1-1-2. Philippines. IR9201-91-2-2/IR10187-80.
Seed source RYT 1655. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458891. IR19774-23-2-2-2. Philippines. IR9658-26-3/IR10176-79.
Seed source RYT 1658. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458892. IR19774-27-2-2-1. Philippines. IR9698-26-3/IR10176-79.
Seed source RYT 1659. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458893. IR19774-34-2-1-2. Philippines. IR9698-26-3/IR10176-79.
Seed source RYT 1660. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458894. IR19774-8-1-3-3. Philippines. IR9698-26-3/IR10176-79.
Seed source RYT 1657. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458895. IR19798-8-2-3-3. Philippines. IR9703-144-3/IR10157-145.
Seed source RYT 1699. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458896. IR19799-4-2-3-3. Philippines. IR9703-144-3/IR10176-79.
Seed source RYT 1670. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.
458897. IR19806-8-1-3-2. Philippines. IR9704-25-1/IR10157-145.
Seed source RYT 1678. Moderately resistant to sheath
blight in dry season. Cultivated. Seed.

458877 TO 458913-continued

458898. IR19807-21-2-2-2. Philippines. IR9704-25/IR10181-74. Seed source RYT 1679. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458899. IR19809-12-3-2-1. Philippines. IR9704-25-1/IR10185-68. Seed source RYT 1680. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458900. IR19819-23-1-2-2. Philippines. IR9715-4-2/IR10176-79. Seed source RYT 1683. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458901. IR2071-685-3-5-4-3. Philippines. IR1561-228-1-2/IR1737/CR94-13. Seed source RYT 1901. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458902. IR21117-139-1. Philippines. CRM-13-3241/IR28/IR2071-625-1-252. Seed source RYT 1695. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458903. IR4570-83-3-3-2. Philippines. IR1702-74-3/IR1721-11-6-8-3-2//IR2055-481. Seed source RYT 2007. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458904. IR4619-57-1-1-2-1. Philippines. IR1820-52/PORKALI//IR3272-P900/IR1702-74. Seed source RYT 2008. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458905. IR4892-1-2-2. Philippines. IR1529-680-3/63-83. Seed source HB 592. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458906. IR8608-75-3-1-3. Philippines. IR2061-465-1-5-5/IR2071-625-1. Seed source RYT 1728. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458907. IR9217-58-2-2. Philippines. IR2071-588-6/IR2061-213//IR2058-78. Seed source RYT 2032. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458908. IR9224-117-2-3-3-2. Philippines. IR2153-14-1-6-2/IR28//IR36. Seed source RYT 2288. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458909. IR9264-321-3. Philippines. MAHSURI/IR2061-213-2-16-2. Seed source RYT 2034. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.
458910. IR9752-71-3-2. Philippines. IR28/KWANG-CHANG-AI//IR36. Seed source RYT 1696. Moderately resistant to sheath blight in dry season. Cultivated. Seed.

458877 TO 458913-continued

458911. IR9758-150-3. Philippines. IR28/SHENSI VAR.//IR28. Seed source RYT 1706. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458912. IR9761-19-1. Philippines. IR30/IR2588-48-3//IR36. Seed source RYT 1717. Moderately resistant to sheath blight in dry season. Cultivated. Seed.
458913. IR9764-45-2-2. Philippines. IR32/MAHSURI//IR34. Seed source RYT 2629. Highly resistant to sheath rot in dry and wet seasons. Cultivated. Seed.

458914 TO 458915. *Raphanus sativus* L. (Brassicaceae) Radish.

From South Africa. Nooitgedacht Research Station, South African Dept. of Agriculture & Fisheries, Ermelo 2350.
Received June 1981.

458914. Nooitgedacht. South Africa. Winter fodder type. Higher yielding and later maturing than Saturajima. Requires high potassium and phosphorus. Cultivated. Seed.
458915. Sakurajima. Japan. Winter fodder type. Flowers six weeks earlier than Nooitgedacht. Requires high potassium and phosphorus. Cold tolerant. See PI 22399. Cultivated. Seed.

458916. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Argentina. J. A. Rodriguez, Anguil Experiment Station, Instituto Nacional de Tecnologia Agropecuaria, La Pampa.
Received through W. R. Kehr, USDA, AR, University of Nebraska, Lincoln, NE.
Received June 1981.

'Paine'. Argentina. INTA Lot F: 57-A-5 (clone of Anguil INTA) & V-9 (clone of Varsat INTA). Adapted to central and southern areas of the subhumid zone and the semiarid zone of the Pampas. Resistant to pea aphid. Cultivated. Seed.

458917. *Bauhinia esculenta* Burchell (Fabaceae) Marana bean.

From Botswana. R. E. Murry, Jr., Anthropology Program, Texas A & M University, College Station, Texas, USA.
Received June 1981.

Botswana. Cornfield near Ghanzi. Collected by Bernard Clauss. Received as *Tylosema esculentum*.

458918 TO 458925. *Brassica napus* L. (Brassicaceae) Rape.

From France. R. Noury, CODISOL, 75008 Paris, France-1. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

- 458918. Aroor. France. University of California, Davis, CA. 77-5. Cultivated. Seed.
- 458919. Brio. France. University of California, Davis, CA. 77-4. Cultivated. Seed.
- 458920. Cresor. France. University of California, Davis, CA. 77-1. Cultivated. Seed.
- 458921. Cresus. France. University of California, Davis, CA. 77-6. Cultivated. Seed.
- 458922. Crop. France. University of California, Davis, CA. 77-2. Cultivated. Seed.
- 458923. Kentan. France. University of California, Davis, CA. 77-9. Cultivated. Seed.
- 458924. Parapluie. France. University of California, Davis, CA. 77-3. Cultivated. Seed.
- 458925. Primor. France. University of California, Davis, CA. 77-7. Cultivated. Seed.

458926. *Brassica napus* L. (Brassicaceae) Rape.

From Canada. B. R. Stefansson, Plant Science Department, University of Manitoba, Winnipeg, Manitoba. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

Target. Canada. University of California, Davis, CA. 77-12. Cultivated. Seed.

458927 TO 458929. *Brassica juncea* (L.) Czern. & Coss. (Brassicaceae) Indian mustard.

From Canada. R. K. Downey, Research Station, Agriculture Canada, Saskatoon, Saskatchewan S7N0X2. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

- 458927. Blaze (25-11). Canada. University of California, Davis,

458927 TO 458929-continued

CA. 77-18. Cultivated. Seed.

458928. Domo. Canada. University of California, Davis, CA. 77-21.
Cultivated. Seed.

458929. Leth 22A. Canada. University of California, Davis, CA.
77-22. Cultivated. Seed.

458930. *Brassica napus* L. (Brassicaceae) Rape.

From Canada. R. K. Downey, Research Station, Agriculture Canada,
Saskatoon, Saskatchewan S7N0X2. Received through P.F.
Knowles, Dept. of Agron. & Range Sci., Univ. of Calif.,
Davis, CA.
Received June 1979.

Oro. Canada. University of California, Davis, CA. 77-19.
Cultivated. Seed.

458931 TO 458933. *Brassica campestris* L. (Brassicaceae) Bird rape.

From Sweden. G. Olsson, The Swedish Seed Association, Svalov.
Received through P.F. Knowles, Dept. of Agron. & Range
Sci., Univ. of Calif., Davis, CA.
Received June 1979.

458931. Bele. Sweden. University of California, Davis, CA. 77-29.
Cultivated. Seed.

458932. Solo. Sweden. University of California, Davis, CA. 77-24.
Cultivated. Seed.

458933. Torpe. Sweden. University of California, Davis, CA. 77-
32. Cultivated. Seed.

458934. *Brassica juncea* (L.) Czern. & Coss. (Brassicaceae) Indian
mustard.

From Sweden. G. Olsson, The Swedish Seed Association, Svalov.
Received through P.F. Knowles, Dept. of Agron. & Range
Sci., Univ. of Calif., Davis, CA.
Received June 1979.

Stalingrad. Sweden. University of California, Davis, CA.
77-28. Cultivated. Seed.

458935 TO 458937. *Brassica napus* L. (Brassicaceae) Rape.

From Sweden. G. Olsson, The Swedish Seed Association, Svalov.

458935 TO 458937-continued

Received through P.F. Knowles, Dept. of Agron. & Range
Sci., Univ. of Calif., Davis, CA.
Received June 1979.

458935. Brink. Sweden. University of California, Davis, CA. 77-
23. Cultivated. Seed.

458936. Gulle. Sweden. University of California, Davis, CA. 77-
26. Cultivated. Seed.

458937. Gulliver. Sweden. University of California, Davis, CA.
77-31. Cultivated. Seed.

458938. *Sinapis alba* L. (Brassicaceae) White mustard.

From Sweden. G. Olsson, The Swedish Seed Association, Svalov.
Received through P.F. Knowles, Dept. of Agron. & Range
Sci., Univ. of Calif., Davis, CA.
Received June 1979.

Trico. Sweden. University of California, Davis, CA. 77-
30. Cultivated. Seed.

458939 TO 458941. *Brassica napus* L. (Brassicaceae) Rape.

From Japan. T. Shiga, Division of Genetics, National Institute of
Agricultural Sciences, Hiratsuka 254. Received through
P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of
Calif., Davis, CA.
Received June 1979.

458939. Asahi natane. Japan. University of California, Davis, CA.
77-33. Cultivated. Seed.

458940. Chisaya natane. Japan. University of California, Davis,
CA. 77-34. Cultivated. Seed.

458941. Norin 16. Japan. University of California, Davis, CA. 77-
35. Cultivated. Seed.

458942 TO 458943. *Brassica juncea* (L.) Czern. & Coss. (Brassicaceae)
Indian mustard.

From Germany, Federal Rep of. Lindensmidt, Institut fur
Pflanzenbau-und Zuchtung, Justus Liebig-Universitat,
Giessen 1. Received through P.F. Knowles, Dept. of Agron.
& Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

458942. Aurea. Germany, Federal Rep of. University of

458942 TO 458943-continued

California, Davis, CA. 77-57. Cultivated. Seed.

458943. Secus. Germany, Federal Rep of. University of California, Davis, CA. 77-56. Cultivated. Seed.

458944 TO 458959. Brassica napus L. (Brassicaceae) Rape.

From Germany, Federal Rep of. Lindensmidt, Institut fur Pflanzenbau-und Zuchtung, Justus Liebig-Universitat, Giessen 1. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

458944. Arwin. Germany, Federal Rep of. University of California, Davis, CA. 77-40. Cultivated. Seed.

458945. Eragi. Germany, Federal Rep of. University of California, Davis, CA. 77-43. Cultivated. Seed.

458946. Gido. Germany, Federal Rep of. University of California, Davis, CA. 77-44. Cultivated. Seed.

458947. Girita. Germany, Federal Rep of. University of California, Davis, CA. 77-36. Cultivated. Seed.

458948. Gisora. Germany, Federal Rep of. University of California, Davis, CA. 77-51. Cultivated. Seed.

458949. Gora. Germany, Federal Rep of. University of California, Davis, CA. 77-48. Cultivated. Seed.

458950. Kara. Germany, Federal Rep of. University of California, Davis, CA. 77-37. Cultivated. Seed.

458951. Kosa. Germany, Federal Rep of. University of California, Davis, CA. 77-50. Cultivated. Seed.

458952. Laura. Germany, Federal Rep of. University of California, Davis, CA. 77-39. Cultivated. Seed.

458953. Lisora. Germany, Federal Rep of. University of California, Davis, CA. 77-46. Cultivated. Seed.

458954. Luna. Germany, Federal Rep of. University of California, Davis, CA. 77-41. Cultivated. Seed.

458955. Prota. Germany, Federal Rep of. University of California, Davis, CA. 77-47. Stand thin. Cultivated. Seed.

458956. Rico. Germany, Federal Rep of. University of California, Davis, CA. 77-49. Cultivated. Seed.

458944 TO 458959--continued

458957. Sera. Germany, Federal Rep of. University of California, Davis, CA. 77-42. Cultivated. Seed.
458958. Vanda. Germany, Federal Rep of. University of California, Davis, CA. 77-45. Cultivated. Seed.
458959. Wira. Germany, Federal Rep of. University of California, Davis, CA. 77-38. Cultivated. Seed.

458960 TO 458963. *Sinapis alba* L. (Brassicaceae) White mustard.

From Germany, Federal Rep of. Lindensmidt, Institut fur Pflanzenbau-und Zuchtung, Justus Liebig-Universitat, Giessen 1. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

458960. Arela. Germany, Federal Rep of. University of California, Davis, CA. 77-52. Cultivated. Seed.
458961. Gisilba. Germany, Federal Rep of. University of California, Davis, CA. 77-54. Cultivated. Seed.
458962. Gisina. Germany, Federal Rep of. University of California, Davis, CA. 77-55. Cultivated. Seed.
458963. Stona. Germany, Federal Rep of. University of California, Davis, CA. 77-53. Cultivated. Seed.

458964 TO 458965. *Brassica napus* L. (Brassicaceae) Rape.

From New Zealand. J. Lammerink, Crops Research Division, DSIRC, Christchurch. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

458964. New Zealand. University of California, Davis, CA. 77-60. G43 x H52. Cultivated. Seed.
458965. New Zealand. University of California, Davis, CA. 77-58. H-19 junc x napus. Cultivated. Seed.

458966 TO 458971. *Brassica napus* L. (Brassicaceae) Rape.

From France. G. Darrozes, Ringot, France-2. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

458966 TO 458971-continued

458966. Furax. France. University of California, Davis, CA. 77-69. Cultivated. Seed.
458967. Jet Neuf. France. University of California, Davis, CA. 77-62. Winter Annual. Cultivated. Seed.
458968. Orpal. France. University of California, Davis, CA. 77-65. Cultivated. Seed.
458969. Primor. France. University of California, Davis, CA. 77-61. Winter Annual. Cultivated. Seed.
458970. Rafal. France. University of California, Davis, CA. 77-63. Winter Annual. Cultivated. Seed.
458971. Romeo. France. University of California, Davis, CA. 77-66. Cultivated. Seed.

458972 TO 458977. *Brassica campestris* L. (Brassicaceae) Bird rape.

From United States. W. Calhoun, Crop Science Department, Oregon State University, Portland, Oregon. Received through F.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

458972. B-12-68. United States. University of California, Davis, CA. 77-75. Cultivated. Seed.
458973. ORB 74-191. United States. University of California, Davis, CA. 77-76. Cultivated. Seed.
458974. ORB 75-207. United States. University of California, Davis, CA. 77-72. Cultivated. Seed.
458975. ORB 76-225. United States. University of California, Davis, CA. 77-77. Cultivated. Seed.
458976. Ore Sel I. United States. University of California, Davis, CA. 77-74. Cultivated. Seed.
458977. Ore Sel II. United States. University of California, Davis, CA. 77-73. Cultivated. Seed.

458978. *Brassica juncea* (L.) Czern. & Coss. (Brassicaceae) Indian mustard.

From United States. W. Calhoun, Crop Science Department, Oregon State University, Portland, Oregon. Received through F.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif.,

458978-continued
Davis, CA.
Received June 1979.

Oriental Yellow. United States. University of
California, Davis, CA. 77-80. Cultivated. Seed.

458979 TO 458980. *Brassica napus* L. (Brassicaceae) Rape.

From United States. W. Calhoun, Crop Science Department, Oregon
State University, Portland, Oregon. Received through P.F.
Knowles, Dept. of Agron. & Range Sci., Univ. of Calif.,
Davis, CA.
Received June 1979.

458979. ORB 74-182. United States. University of California,
Davis, CA. 77-70. Winter Annual. Cultivated. Seed.

458980. ORB 74-183. United States. University of California,
Davis, CA. 77-71. Winter Annual. Cultivated. Seed.

458981. *Brassica nigra* (L.) Koch (Brassicaceae) Black mustard.

From United States. W. E. Bendixen, Farm Advisor, Santa Barbara
County, California. Received through P.F. Knowles, Dept.
of Agron. & Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

University of California, Davis, CA. 77-1428. Cultivated.
Seed.

458982 TO 458991. *Brassica campestris* L. (Brassicaceae) Bird rape.

From United States. R. Kleiman, USDA Northern Regional Research
Center, Peoria, Illinois. Received through P.F. Knowles,
Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA.
Received June 1979.

458982. NU 47204. India. University of California, Davis, CA. 77-
1392. Cultivated. Seed.

458983. NU 47797. India. University of California, Davis, CA. 77-
1390. Cultivated. Seed.

458984. NU 47800. India. University of California, Davis, CA. 77-
1389. Cultivated. Seed.

458985. NU 49303. India. University of California, Davis, CA. 77-
1377. Cultivated. Seed.

458986. NU 60352. India. University of California, Davis, CA. 77-

458982 TO 458991-continued

1397. Cultivated. Seed.
458987. NU 60353. India. University of California, Davis, CA. 77-1396. Cultivated. Seed.
458988. NU 60473. India. University of California, Davis, CA. 77-1402. Cultivated. Seed.
458989. NU 60832. India. University of California, Davis, CA. 77-1385. Cultivated. Seed.
458990. NU 60851. India. University of California, Davis, CA. 77-1387. Cultivated. Seed.
458991. NU 60859. India. University of California, Davis, CA. 77-1386. Cultivated. Seed.

458992 TO 459010. *Brassica juncea* (L.) Czern. & Coss. (Brassicaceae)
Indian mustard.

From United States. R. Kleiman, USDA Northern Regional Research Center, Peoria, Illinois. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

458992. NU 48092. India. University of California, Davis, CA. 77-1354. Cultivated. Seed.
458993. NU 48164. India. University of California, Davis, CA. 77-1353. Cultivated. Seed.
458994. NU 49315. India. University of California, Davis, CA. 77-1345. Cultivated. Seed.
458995. NU 49892. India. University of California, Davis, CA. 77-1347. Cultivated. Seed.
458996. NU 49878. India. University of California, Davis, CA. 77-1348. Cultivated. Seed.
458997. NU 49926. India. University of California, Davis, CA. 77-1358. Cultivated. Seed.
458998. NU 49927. India. University of California, Davis, CA. 77-1332. Cultivated. Seed.
458999. NU 49933. India. University of California, Davis, CA. 77-1341. Cultivated. Seed.
459000. NU 49949. India. University of California, Davis, CA. 77-1333. Cultivated. Seed.

458992 TO 459010--continued

- 459001. NU 49963. India. University of California, Davis, CA. 77-1334. Cultivated. Seed.
- 459002. NU 49987. India. University of California, Davis, CA. 77-1335. Cultivated. Seed.
- 459003. NU 60049. India. University of California, Davis, CA. 77-1336. Cultivated. Seed.
- 459004. NU 60105. India. University of California, Davis, CA. 77-1337. Cultivated. Seed.
- 459005. NU 60125. India. University of California, Davis, CA. 77-1338. Cultivated. Seed.
- 459006. NU 60817. India. University of California, Davis, CA. 77-1384. Cultivated. Seed.
- 459007. NU 60912. India. University of California, Davis, CA. 77-1356. Cultivated. Seed.
- 459008. NU 60915. India. University of California, Davis, CA. 77-1339. Cultivated. Seed.
- 459009. NU 61292. India. University of California, Davis, CA. 77-1343. Cultivated. Seed.
- 459010. NU 61306. India. University of California, Davis, CA. 77-1355. Cultivated. Seed.

459011 TO 459014. *Brassica nigra* (L.) Koch (Brassicaceae) Black mustard.

From United States. R. Kleiman, USDA Northern Regional Research Center, Peoria, Illinois. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

- 459011. NU 49622. India. University of California, Davis, CA. 77-1362. Cultivated. Seed.
- 459012. NU 49623. India. University of California, Davis, CA. 77-1361. Cultivated. Seed.
- 459013. NU 49624. India. University of California, Davis, CA. 77-1360. Cultivated. Seed.
- 459014. NU 49625. India. University of California, Davis, CA. 77-1359. Cultivated. Seed.

**459015 TO 459023. Brassica trilocularis Hook. f. & Thoms.
(Brassicaceae).**

From United States. R. Kleiman, USDA Northern Regional Research Center, Peoria, Illinois. Received through P.F. Knowles, Dept. of Agron. & Range Sci., Univ. of Calif., Davis, CA. Received June 1979.

- 459015. NU 42929. India. University of California, Davis, CA. 77-1404. Cultivated. Seed.
- 459016. NU 46743. India. University of California, Davis, CA. 77-1409. Pods hanging. Cultivated. Seed.
- 459017. NU 47393. India. University of California, Davis, CA. 77-1413. Cultivated. Seed.
- 459018. NU 47865. India. University of California, Davis, CA. 77-1383. Cultivated. Seed.
- 459019. NU 48078. India. University of California, Davis, CA. 77-1406. Cultivated. Seed.
- 459020. NU 48386. India. University of California, Davis, CA. 77-1405. Cultivated. Seed.
- 459021. NU 49470. India. University of California, Davis, CA. 77-1408. Seeds small. Cultivated. Seed.
- 459022. NU 49515. India. University of California, Davis, CA. 77-1380. Cultivated. Seed.
- 459023. NU 60448. India. University of California, Davis, CA. 77-1400. Cultivated. Seed.

459024 TO 459025. Glycine max (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Tse-Lin Yu, Institute of Oil Crops, Chinese Academy of Agricultural Science, Wu-Han, Hupeh Province. Received June 1981.

- 459024. Autumn Bean No. 1. China, Peoples Repub of. Hunan. Resistant to soybean rust (*Phakopsora pachyrhizi*). Cultivated. Seed.
- 459025. Bing-Nan. China, Peoples Repub of. Fujian. Resistant to soybean rust (*Phakopsora pachyrhizi*). Cultivated. Seed.

459026 TO 459069. Oryza sativa L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila.

459026 TO 459069-continued
Received June 1981.

- 459026. B 1991B-PN 43-4-1. Philippines. Cultivated. Seed.
- 459027. B 541B-KN-52-3-2-1. Philippines. Cultivated. Seed.
- 459028. B 541B-PN-58-5-3-1. Philippines. Cultivated. Seed.
- 459029. BB 7 (IR 2053-87-3-1). Philippines. Cultivated. Seed.
- 459030. BG 402-4. Philippines. Cultivated. Seed.
- 459031. BR 4. Philippines. Cultivated. Seed.
- 459032. BR 51-282-8. Philippines. Cultivated. Seed.
- 459033. BR 51-46-5. Philippines. Cultivated. Seed.
- 459034. CR 1002. Philippines. Cultivated. Seed.
- 459035. CR 1009. Philippines. Cultivated. Seed.
- 459036. IET 1785 (RP 84-39-1). Philippines. Cultivated. Seed.
- 459037. IET 3257 (CR 149-3244). Philippines. Cultivated. Seed.
- 459038. IET 4082 (CR 138-1040). Philippines. Cultivated. Seed.
- 459039. IET 4086 (CR 140-62). Philippines. Cultivated. Seed.
- 459040. IET 4094 (CR 156-5021). Philippines. Cultivated. Seed.
- 459041. IET 4247 (RP 938-27). Philippines. Cultivated. Seed.
- 459042. IET 4699 (RP 967-11). Philippines. Cultivated. Seed.
- 459043. IET 5552 (R155-73-320). Philippines. Cultivated. Seed.
- 459044. IET 5930 (FH 536). Philippines. Cultivated. Seed.
- 459045. IET 6073 (RP 825). Philippines. Cultivated. Seed.
- 459046. IET 6400 (CR 199-1). Philippines. Cultivated. Seed.
- 459047. IR 2058-78 (IR 46). Philippines. Cultivated. Seed.
- 459048. IR 3454-80-2-1. Philippines. Cultivated. Seed.
- 459049. 'IR 42'. Philippines. Cultivated. Seed.
- 459050. IR 4422-98-3-6. Philippines. Cultivated. Seed.
- 459051. IR 4422-98-3-6-1. Philippines. Cultivated. Seed.

459026 TO 459069-continued

- 459052. IR 4432-52-6-4. Philippines. Cultivated. Seed.
- 459053. IR 4570-83-3 (IR 48). Philippines. Cultivated. Seed.
- 459054. IR 4625-132-1-2. Philippines. Cultivated. Seed.
- 459055. IR 4723-217-3. Philippines. Cultivated. Seed.
- 459056. IR 4744-295-2. Philippines. Cultivated. Seed.
- 459057. IR 541B-PN 50-5-1. Philippines. Cultivated. Seed.
- 459058. IR 5853-118-5. Philippines. Cultivated. Seed.
- 459059. IR 5853-162-1-2-3. Philippines. Cultivated. Seed.
- 459060. IR 5853-165-1-1-2. Philippines. Cultivated. Seed.
- 459061. IR 5853-198-1-2. Philippines. Cultivated. Seed.
- 459062. IR 5853-60-2-2-2. Philippines. Cultivated. Seed.
- 459063. IR 9093-216-3. Philippines. Cultivated. Seed.
- 459064. IR 9209-163-2. Philippines. Cultivated. Seed.
- 459065. IRT 5656 (RP 975-109). Philippines. Cultivated. Seed.
- 459066. MRC 603-303. Philippines. Cultivated. Seed.
- 459067. RP 1064-14-2-2. Philippines. Cultivated. Seed.
- 459068. Tadukan. Philippines. Cultivated. Seed.
- 459069. Townda. Philippines. Cultivated. Seed.

459070. *Coffea arabica* L. (Rubiaceae) Coffee.

From Brazil. G. M. Chaves, Setor de Fitopatologia, Universidade Federal de Vicosa, Minas Gerais.
Received May 1981.

Brazil. Composite of UPV lines. Resistant to coffee rust (*Hemileia vastatrix*). Perennial Woody. Cultivated.
Breeding Material. Seed.

459071. *Mangifera indica* L. (Anacardiaceae) Mango.

From United States. R. K. Knight, USDA Subtropical Horticultural Research Unit, Miami, Florida.

459071-continued

Received May 1981.

M-20222. 'Winters'. United States. Seedling selection from 'Ono', PI 75269. Fruit bright red blush, midseason maturity. Pulp low in fiber, juicy, sweet. Cultivated. Plants.

459072 TO 459073. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Thailand. American Soybean Association, St. Louis, Missouri, USA.

Received June 1981.

459072. Thailand. Seeds yellow, small. Cultivated. Seed.

459073. Thailand. Seeds black, small. Cultivated. Seed.

459074 TO 459075. *Citrullus lanatus* (Thunb.) Matsum. & Nakai (Cucurbitaceae) Watermelon.

From Botswana. D. L. Reeves, USAID, Botswana Agricultural College Expansion Project, Gaborone.

Received April 1981.

459074. Mookane. Flesh white, sweet. Cultivated. Seed.

459075. Gaborone. Flesh light red, but preceding generation white, sweet. Cultivated. Seed.

459076 TO 459084. *Zea mays* L. (Poaceae) Field corn.

From China, Peoples Repub of. Y. Ting, Department of Biology, Boston College, Boston, Massachusetts, USA. Received through G. F. Sprague, Agronomy Department, Univ. of Illinois, Urbana.

Received May 1981.

459076. Honan no. 1. China, Peoples Repub of. Cultivated. Seed.

459077. Honan no. 2. China, Peoples Repub of. Cultivated. Seed.

459078. Honan no. 7. China, Peoples Repub of. Cultivated. Seed.

459079. Huo Pei. China, Peoples Repub of. Cultivated. Seed.

459080. Hwang no. 525. China, Peoples Repub of. Cultivated. Seed.

459081. Lu-Wang. China, Peoples Repub of. Cultivated. Seed.

459082. Shansi no. 60. China, Peoples Repub of. Cultivated. Seed.

459076 TO 459084-continued

459083. Shansi-Hwang-Siao no. 162. China, Peoples Repub of. Cultivated. Seed.

459084. Shansi-Yian no. 19. China, Peoples Repub of. Cultivated. Seed.

459085 TO 459100. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Japan. Y. Takahashi, Laboratory of the Groundnut, Chiba-ken Agricultural Experiment Station, Yachimata, Inba-gun, Chiba-ken.

Received June 1981.

459085. Ichifusa. Japan. Cultivated. Breeding Material. Seed.

459086. Kanto No. 2. Japan. Tachirakkasei x Chiba No. 43. Late maturity. Cultivated. Breeding Material. Seed.

459087. Kanto No. 3. Japan. Hondahenshu x Chiba No. 74. Late maturity. Cultivated. Breeding Material. Seed.

459088. Kanto No. 5. Japan. Chibashoryu x Chiba No. 43. Late maturity. Cultivated. Breeding Material. Seed.

459089. Kanto No. 6. Japan. Java No. 13 x Tachirakkasei. Early maturity. Cultivated. Breeding Material. Seed.

459090. Kanto No. 7. Japan. Kairyohonda x Iiya No. 3. Late maturity. Cultivated. Breeding Material. Seed.

459091. Kanto No. 10. Japan. Chibahandachi x Hakuyu 7-3. Late maturity. Cultivated. Breeding Material. Seed.

459092. Kanto No. 13. Japan. Kairyohonda x Kairyoyuto. Late maturity. Cultivated. Breeding Material. Seed.

459093. Kanto No. 41. Japan. Kanto No. 8 x 334A. Medium maturity. Cultivated. Breeding Material. Seed.

459094. Kanto No. 43. Japan. Fuji No. 2 x Tekona. Late maturity. Cultivated. Breeding Material. Seed.

459095. Musashisennari. Japan. Cultivated. Breeding Material. Seed.

459096. Osuzu. Japan. Cultivated. Breeding Material. Seed.

459097. Spain. Japan. Cultivated. Breeding Material. Seed.

459098. Toyokodachi. Japan. Cultivated. Breeding Material. Seed.

459085 TO 459100-continued

459099. Wakaminori. Japan. Cultivated. Breeding Material. Seed.

459100. Wasedairyu. Japan. Cultivated. Breeding Material. Seed.

459101. *Arachis* sp. (Fabaceae).

From Japan. Y. Takahashi, Laboratory of The Groundnut, Chiba-ken Agricultural Experiment Station, Yachimata, Inba-gun, Chiba-ken.

Received June 1981.

Japan. Received as *Arachis duranensis* (not a validly published name). Cultivated. Seed.

459102. *Pyrus calleryana* Decne. (Rosaceae) Callery pear.

From United States. W. L. Ackerman, U. S. National Arboretum, U. S. Department of Agriculture, Washington, D. C.

Received June 1981.

B 59505. 'Capital'. United States. Selected in 1969 at U.S. Plant Introduction Station, Glenn Dale, Maryland from a seedling population derived from open pollinated fruit of 'Bradford'. Trees with narrow or columnar upright crowns. Suitable for shade in small yards and along narrow streets. Other characteristics similar to 'Bradford'. Tree. Cultivar. Plants.

459103 TO 459104. *Hedysarum coronarium* L. (Fabaceae) French honeysuckle.

From Tunisia. W. Graves, Irrigated Forages Project, USAID, Tunis. Received June 1981.

459103. Tunisia. Commonly grown type. Local name Sulla. Cultivated. Seed.

459104. Girmaldi. Italy. Cultivated. Seed.

459105. *Trifolium alexandrinum* L. (Fabaceae) Berseem clover.

From Tunisia. W. Graves, Irrigated Forages Project, USAID, Tunis. Received June 1981.

Tunisia. Cultivated. Seed.

459106. *Nicotiana* sp. (Solanaceae).

From Japan. Iwata Tobacco Experiment Station, The Japan Tobacco & Salt Public Corporation, Iwata, Shizuoka-ken.
Received June 1981.

Bolivia. Received as *Nicotiana kawakamii* (not a validly published name). Seed.

459107. *Cajanus cajan* (L.) Huth (Fabaceae) Pigeon pea.

From Dominican Republic. Neil Belson, CENDA, La Herradura, Santiago.
Received July 1981.

Dominican Republic. Laguna Salada, Valverde. Cultivated. Seed.

459108 TO 459109. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae) Leadtree.

From Dominican Republic. Neil Belson, CENDA, La Herradura, Santiago.
Received July 1981.

459108. Dominican Republic. Villa Gonzalez, Santiago. Local name Lino. Wild. Seed.

459109. Dominican Republic. Dry site in San Lorenzo de Guayubin, Monte Cristi. Seed.

459110. *Oryza sativa* L. (Poaceae) Rice.

From Dominican Republic. Neil Belson, CENDA, La Herradura, Santiago.
Received July 1981.

Mingolo. Dominican Republic. Local type. Cultivated. Seed.

459111. *Arrhenatherum elatius* (L.) Beauv. ex J. & C. Presl (Poaceae) Tall oatgrass.

From New Zealand. A. A. Innes, Black Forest Station, Fairlie. Received through J. G. Hawley, Water & Soil Organization, Palmerston North, New Zealand.
Received July 1981.

New Zealand. High-country tussock grasslands. Plants aggressive. Wild. Seed.

459112 TO 459115. *Medicago minima* (L.) Bartal. (Fabaceae) Little burclover.

From Syria. International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo.
Received May 1981.

- 459112. IFMA 1703. Turkey. CT AU220678 0502. Collected 1978. Woodland and forest margin, 13km N of Bingol-Lice. 1140M. Wild. Seed.
- 459113. IFMA 1725. Turkey. CT AU260678 0408. Collected 1978. Roadside, 9km NW of Elazig-Keban. 850M. Wild. Seed.
- 459114. IFMA 1729. Turkey. CT AU260678 0702. Collected 1978. Roadside, 38km SW of Malatya-Arapkir-Kaban. 570M. Wild. Seed.
- 459115. IFMA 1750. Turkey. CT AU280678 0811. Collected 1978. Protected, enclosed site, 2km N of Golbasi. 1100M. Wild. Seed.

459116 TO 459121. *Medicago noeana* Boiss. (Fabaceae).

From Syria. International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo.
Received May 1981.

- 459116. IFMA 1708. Turkey. CT AU220678 0711. Collected 1978. Roadside, 4km S of Hani-Bingol. 940M. Slope 16-30%. Wild. Seed.
- 459117. IFMA 1721. Turkey. CT AU230678 0512. Collected 1978. Grassland, 10km E of Kurtalan. 870M. Wild. Seed.
- 459118. IFMA 1743. Turkey. CT AU280678 0406. Collected 1978. Roadside, 45km NW of Aksaray. 1000M. Wild. Seed.
- 459119. IFMA 1758. Turkey. SA AU130678 0505. Collected 1978. South, 37km of Kahramanmaras. 650M. Wild. Seed.
- 459120. IFMA 1781. Turkey. SA AU170678 0402. Collected 1978. Grassland, 4km E of Malabadi. 700M. Wild. Seed.
- 459121. IFMA 1824. Turkey. SA AU210678 0205. Collected 1978. Roadside, 10km NW of Batman. 650M. Wild. Seed.

459122 TO 459126. *Medicago orbicularis* (L.) Bartal. (Fabaceae) Buttonclover medic.

From Syria. International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo.

459122 TO 459126-continued
Received May 1981.

459122. IFMA 1754. Turkey. SA AU130678 0304. Collected 1978.
Grassland, 49km S of Kahramanmaras. 870M. Wild. Seed.
459123. IFMA 1793. Turkey. SA AU190678 0401. Collected 1978.
Roadside, 40km NW of Mardin. 930M. Wild. Seed.
459124. IFMA 1821. Turkey. SA AU210678 0110. Collected 1978.
Roadside, 9km E of Malabadi. 650M. Wild. Seed.
459125. IFMA 1841. Turkey. CT SA 140678 0108. Collected 1978.
Roadside, 8km E of Adiyaman. 600M. Wild. Seed.
459126. IFMA 1848. Turkey. CT SA140678 0503. Collected 1978.
Roadside, 32km E of Kahta. 480M. Slope 16-30%. Wild. Seed.

459127 TO 459137. *Medicago polymorpha* L. (Fabaceae) California
burclover.

From Syria. International Center for Agricultural Research in Dry
Areas (ICARDA), Aleppo.
Received May 1981.

459127. IFMA 1695. Turkey. CT AU220678 0212. Collected 1978.
Roadside, 20km N of Diarbakir. 800M. Wild. Seed.
459128. IFMA 1699. Turkey. CT AU220678 0311. Collected 1978.
Roadside, 42km N of Diarbakir-Bingol. 1000M. Wild. Seed.
459129. IFMA 1712. Turkey. CT AU230678 0109. Collected 1978.
Grassland, 11km NE of Diarbakir-Siirt. 740M. Wild. Seed.
459130. IFMA 1713. Turkey. CT AU230678 0201. Collected 1978.
Grassland, 30km NE of Diarbakir-Siirt. Wild. Seed.
459131. IFMA 1716. Turkey. CT AU230678 0313. Collected 1978.
Roadside, 60km NE of Diarbakir-Siirt. 810M. Wild. Seed.
459132. IFMA 1722. Turkey. CT AU240678 0204. Collected 1978.
Roadside grassland, 99km E of Elazig. 1260M. Wild. Seed.
459133. IFMA 1784. Turkey. SA AU170678 0502. Collected 1978.
Roadside, 11km E of Silvan. 870M. Wild. Seed.
459134. IFMA 1818. Turkey. SA AU200678 0603. Collected 1978.
Grassland, 37km W of Bingol. 1250M. Wild. Seed.
459135. IFMA 1823. Turkey. SA AU210678 0204. Collected 1978.
Roadside, 10km NW of Batman. 650M. Wild. Seed.
459136. IFMA 1842. Turkey. CT SA140678 0109. Collected 1978.

459127 TO 459137-continued

Roadside, 8km E of Adiyaman. 600M. Wild. Seed.

459137. IFMA 1847. Turkey. CT SA140678 0502. Collected 1978.
Roadside, 32km E of Kahta. 480M. Slope 16-30%. Wild. Seed.

459138 TO 459146. *Medicago radiata* L. (Fabaceae).

From Syria. International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo.

Received May 1981.

459138. IFMA 1710. Turkey. CT AU220678 0713. Collected 1978.
Roadside, 4km S of Hani-Bingol. 940M. Slope 16-30%. Wild. Seed.
459139. IFMA 1718. Turkey. CT AU230678 0501. Collected 1978.
(Grassland, 10km E of Kurtalan. 870M. Wild. Seed.
459140. IFMA 1727. Turkey. CT AU260678 0502. Collected 1978.
Roadside, 6km NW of Keban. 780M. Slope 16-30%. Wild. Seed.
459141. IFMA 1747. Turkey. CT AU280678 0710. Collected 1978.
Grassland, 12km S of Golbasi. 1150M. Wild. Seed.
459142. IFMA 1791. Turkey. SA AU190678 0306. Collected 1978.
Roadside, 48km NW of Mardin. 800M. Wild. Seed.
459143. IFMA 1795. Turkey. SA AU190678 0502. Collected 1978.
Roadside, 33km NW of Mardin. 1100M. Wild. Seed.
459144. IFMA 1801. Turkey. SA AU190678 0707. Collected 1978.
Grassland, 2km S of Mardin. 750M. Wild. Seed.
459145. IFMA 1808. Turkey. SA AU200678 0306. Collected 1978.
Protected, enclosed site, 15km N of Hazar Lake. 1280M.
Slope 16-30%. Wild. Seed.
459146. IFMA 1840. Turkey. CT SA140678 0107. Collected 1978.
Roadside, 8km E of Adiyaman. 600M. Wild. Seed.

459147 TO 459198. *Medicago rigidula* (L.) All. (Fabaceae) Tifton burclover.

From Syria. International Center for Agricultural Research in Dry Areas (ICARDA), Aleppo.

Received May 1981.

459147. IFMA 1691. Turkey. CT AU220678 0102. Collected 1978.
Roadside, 3km N of Diarbakir. Wild. Seed.
459148. IFMA 1694. Turkey. CT AU220678 0211. Collected 1978.

459147 TO 459198-continued

- Roadside, 20km N of Diarbakir. 800M. Wild. Seed.
459149. IFMA 1696. Turkey. CT AU220678 0301. Collected 1978.
Roadside, 42km N of Diarbakir-Bingol. 1000M. Wild. Seed.
459150. IFMA 1700. Turkey. CT AU220678 0402. Collected 1978.
Roadside, Diarbakir-Lice. 1100M. Wild. Seed.
459151. IFMA 1706. Turkey. CT AU220678 0701. Collected 1978.
Roadside, 4km S of Hani-Bingol. 940M. Slope 16-30%. Wild.
Seed.
459152. IFMA 1724. Turkey. CT AU260678 0401. Collected 1978.
Roadside, 9km NW of Elazig-Keban. 850M. Wild. Seed.
459153. IFMA 1728. Turkey. CT AU260678 0701. Collected 1978.
Roadside, 38km SW of Malatya-Arapkir-Kaban. 570M. Wild.
Seed.
459154. IFMA 1731. Turkey. CT AU260678 0802. Collected 1978.
Roadside, 43km N of Malatya. 630M. Wild. Seed.
459155. IFMA 1732. Turkey. CT AU270678 0101. Collected 1978.
Grassland, 7km SW of Malatya. Wild. Seed.
459156. IFMA 1734. Turkey. CT AU270678 0301. Collected 1978.
Protected, enclosed site, 67km NW of Malatya. 1490M. Wild.
Seed.
459157. IFMA 1735. Turkey. CT AU270678 0401. Collected 1978.
Roadside, 21km NW of Malatya-El Bistan. Slope 16-30%.
Wild. Seed.
459158. IFMA 1736. Turkey. CT AU270678 0704. Collected 1978.
Grassland, 5km W of Bunyan. 1200M. Wild. Seed.
459159. IFMA 1738. Turkey. CT AU270678 0902. Collected 1978.
Grassland, 4km SE of Urgup-Adana. 1100M. Slope 16-30%.
Wild. Seed.
459160. IFMA 1740. Turkey. CT AU280678 0206. Collected 1978.
Southwest, 49km of Nevsehir-Aksaray. 1230M. Cultivated.
Seed.
459161. IFMA 1741. Turkey. CT AU280678 0306. Collected 1978.
Roadside, 16km NW of Aksaray. 1040M. Wild. Seed.
459162. IFMA 1742. Turkey. CT AU280678 0401. Collected 1978.
Roadside, 45km NW of Aksaray. 1000M. Wild. Seed.
459163. IFMA 1744. Turkey. CT AU280678 0501. Collected 1978.
Roadside, 4km NW of Sereflikochisar. 1010M. Wild. Seed.

459147 TO 459198-continued

459164. IFMA 1745. Turkey. CT AU280678 0605. Collected 1978. Roadside, 42km NW of Sereflikochisar. 1150M. Wild. Seed.
459165. IFMA 1746. Turkey. CT AU280678 0702. Collected 1978. Grassland, 12km S of Golbasi. 1150M. Wild. Seed.
459166. IFMA 1748. Turkey. CT AU280678 0809. Collected 1978. Protected, enclosed site, 2km N of Golbasi. 1100M. Wild. Seed.
459167. IFMA 1755. Turkey. SA AU130678 0305. Collected 1978. Grassland, 49km S of Kahramanmaras. 870M. Wild. Seed.
459168. IFMA 1756. Turkey. SA AU130678 0404. Collected 1978. South, 42km of Kahramanmaras. 840M. Wild. Seed.
459169. IFMA 1760. Turkey. SA AU150678 0101. Collected 1978. East, 24km of Urfa. 520M. Cultivated. Seed.
459170. IFMA 1763. Turkey. SA AU150678 0401. Collected 1978. Roadside, 40km W of Viransehir. 720M. Wild. Seed.
459171. IFMA 1769. Turkey. SA AU150678 1004. Collected 1978. Grassland, 3km E of Siverek. 880M. Wild. Seed.
459172. IFMA 1770. Turkey. SA AU150678 1102. Collected 1978. Roadside, 19km E of Siverek. 1060M. Wild. Seed.
459173. IFMA 1771. Turkey. SA AU160678 0102. Collected 1978. Protected, enclosed site, 1 km SE of Golcuk. 1300M. Slope 16-30%. Wild. Seed.
459174. IFMA 1772. Turkey. SA AU160678 0301. Collected 1978. Protected, enclosed site, 2km NW of Ergani. 880M. Wild. Seed.
459175. IFMA 1773. Turkey. SA AU160678 0403. Collected 1978. Grassland, 51km NW of Diarbakir. 880M. Wild. Seed.
459176. IFMA 1783. Turkey. SA AU170678 0410. Collected 1978. Grassland, 4km E of Malabadi. 700M. Wild. Seed.
459177. IFMA 1785. Turkey. SA AU170678 0505. Collected 1978. Roadside, 11km E of Silvan. 870M. Wild. Seed.
459178. IFMA 1786. Turkey. SA AU190678 0101. Collected 1978. Roadside, 19km NW of Cinar. 700M. Wild. Seed.
459179. IFMA 1794. Turkey. SA AU190678 0403. Collected 1978. Roadside, 40km NW of Mardin. 930M. Wild. Seed.
459180. IFMA 1797. Turkey. SA AU190678 0511. Collected 1978.

459147 TO 459198-continued

- Roadside, 33km NW of Mardin. 1100M. Wild. Seed.
459181. IFMA 1799. Turkey. SA AU190678 0602. Collected 1978. Grassland, 17km NW of Mardin. 1050M. Wild. Seed.
459182. IFMA 1800. Turkey. SA AU190678 0703. Collected 1978. Grassland, 2km S of Mardin. 750M. Wild. Seed.
459183. IFMA 1804. Turkey. SA AU200678 0102. Collected 1978. Roadside, 57km S of Elazig. 1250M. Wild. Seed.
459184. IFMA 1805. Turkey. SA AU200678 0202. Collected 1978. Roadside, 47km S of Elazig. 1260M. Slope 16-30%. Wild. Seed.
459185. IFMA 1807. Turkey. SA AU200678 0304. Collected 1978. Protected, enclosed site, 15km N of Hazar Lake. 1280M. Slope 16-30%. Wild. Seed.
459186. IFMA 1809. Turkey. SA AU200678 0309. Collected 1978. Protected, enclosed site, 15km N of Hazar Lake. 1280M. Slope 16-30%. Wild. Seed.
459187. IFMA 1815. Turkey. SA AU200678 0506. Collected 1978. Roadside, 8km NE of Korankar. 1000M. Wild. Seed.
459188. IFMA 1819. Turkey. SA AU200678 0701. Collected 1978. Grassland, 38km W of Bingol. Slope 16-30%. Wild. Seed.
459189. IFMA 1825. Turkey. SA AU210678 0301. Collected 1978. East, 57km of Batman. 700M. Cultivated. Seed.
459190. IFMA 1830. Turkey. SA AU210678 0501. Collected 1978. Roadside, Gergus Mardin. 1050M. Wild. Seed.
459191. IFMA 1834. Turkey. SA AU210678 0601. Collected 1978. Disturbed grassland, 10km N of Midyat. 1000M. Wild. Seed.
459192. IFMA 1839. Turkey. CT SA130678 0502. Collected 1978. Golbasi-Karaburum. 890M. Cultivated. Seed.
459193. IFMA 1844. Turkey. CT SA140678 0203. Collected 1978. Roadside, 22km E of Adiyaman. 580M. Slope 16-30%. Wild. Seed.
459194. IFMA 1846. Turkey. CT SA140678 0501. Collected 1978. Roadside, 32km E of Kahta. 480M. Slope 16-30%. Wild. Seed.
459195. IFMA 1849. Turkey. CT SA140678 0601. Collected 1978. Grassland, 40km E of Kahta. 630M. Wild. Seed.
459196. IFMA 1850. Turkey. CT SA140678 0703. Collected 1978. Roadside, 6km SW of Adiyaman-Urfa. 600M. Wild. Seed.

459147 TO 459198-continued

459197. IFMA 1852. Turkey. CT SA140678 0904. Collected 1978.
Roadside, 7km S of Hilvan. 660M. Wild. Seed.

459198. IFMA 1863. Turkey. HAS AU140678 0401. Collected 1978.
Roadside, 13km S of Fevzipasa (Gaziantep). 630M. Wild.
Seed.

459199 TO 459236. *Medicago* sp. (Fabaceae).

From Syria. International Center for Agricultural Research in Dry
Areas (ICARDA), Aleppo.

Received May 1981.

459199. IFMA 1705. Turkey. CT AU220678 0602. Collected 1978.
Roadside, 2km S of Bingol-Lice. 910M. Wild. Seed.

459200. IFMA 1717. Turkey. CT AU230678 0401. Collected 1978.
Roadside, 4km W of Siirt. 800M. Wild. Seed.

459201. IFMA 1720. Turkey. CT AU230678 0511. Collected 1978.
Grassland, 10km E of Kurtalan. 870M. Wild. Seed.

459202. IFMA 1726. Turkey. CT AU260678 0501. Collected 1978.
Roadside, 6km NW of Keban. 780M. Slope 16-30%. Wild. Seed.

459203. IFMA 1749. Turkey. CT AU280678 0810. Collected 1978.
Protected, enclosed site, 2km N of Golbasi. 1100M. Wild.
Seed.

459204. IFMA 1751. Turkey. SA AU130678 0101. Collected 1978.
Roadside, 11km NW of Gaziantep. 900M. Wild. Seed.

459205. IFMA 1757. Turkey. SA AU130678 0501. Collected 1978.
South, 37km of Kahramanmaras. 650M. Wild. Seed.

459206. IFMA 1761. Turkey. SA AU150678 0301. Collected 1978.
Roadside, 49km W of Viransehir. 680M. Wild. Seed.

459207. IFMA 1762. Turkey. SA AU150678 0307. Collected 1978.
Roadside, 49km W of Viransehir. 680M. Wild. Seed.

459208. IFMA 1764. Turkey. SA AU150678 0702. Collected 1978.
Roadside, 9km W of Viransehir. 650M. Wild. Seed.

459209. IFMA 1766. Turkey. SA AU150678 0707. Collected 1978.
Roadside, 9km W of Viransehir. 650M. Wild. Seed.

459210. IFMA 1767. Turkey. SA AU150678 0801. Collected 1978.
West, 24km of Viransehir-Urfa. 700M. Cultivated. Seed.

459211. IFMA 1774. Turkey. SA AU160678 0503. Collected 1978.

459199 TO 459236-continued

- Grassland, 34km NW of Diarbakir. 780M. Wild. Seed.
459212. IFMA 1775. Turkey. SA AU170678 0202. Collected 1978. Roadside, 25km NE of Diarbakir. 750M. Wild. Seed.
459213. IFMA 1787. Turkey. SA AU190678 0201. Collected 1978. Roadside, 7km SE of Cinar. 750M. Wild. Seed.
459214. IFMA 1788. Turkey. SA AU190678 0207. Collected 1978. Roadside, 7km SE of Cinar. 750M. Wild. Seed.
459215. IFMA 1792. Turkey. SA AU190678 0308. Collected 1978. Roadside, 48km NW of Mardin. 800M. Wild. Seed.
459216. IFMA 1810. Turkey. SA AU200678 0405. Collected 1978. East, 22km of Elazig-Bincol. 900M. Cultivated. Seed.
459217. IFMA 1811. Turkey. SA AU200678 0409. Collected 1978. East, 22km of Elazig-Bincol. 900M. Cultivated. Seed.
459218. IFMA 1812. Turkey. SA AU200678 0411. Collected 1978. East, 22km of Elazig-Bincol. 900M. Cultivated. Seed.
459219. IFMA 1816. Turkey. SA AU200678 0507. Collected 1978. Roadside, 8km NE of Korankar. 1000M. Wild. Seed.
459220. IFMA 1817. Turkey. SA AU200678 0508. Collected 1978. Roadside, 8km NE of Korankar. 1000M. Wild. Seed.
459221. IFMA 1822. Turkey. SA AU210678 0113. Collected 1978. Roadside, 9km E of Malabadi. 650M. Wild. Seed.
459222. IFMA 1826. Turkey. SA AU210678 0401. Collected 1978. Roadside, 24km SE of Batman. 550M. Wild. Seed.
459223. IFMA 1827. Turkey. SA AU210678 0411. Collected 1978. Roadside, 24km SE of Batman. 550M. Wild. Seed.
459224. IFMA 1837. Turkey. CT SA130678 0406. Collected 1978. Roadside, 20km S of Golbasi-Adiyaman. 910M. Wild. Seed.
459225. IFMA 1843. Turkey. CT SA140678 0115. Collected 1978. Roadside, 8km E of Adiyaman. 600M. Wild. Seed.
459226. IFMA 1845. Turkey. CT SA140678 0406. Collected 1978. Roadside, 24km E of Kahta. 710M. Wild. Seed.
459227. IFMA 1857. Turkey. HAS AU130678 0110. Collected 1978. Roadside, 13km SW of Kahramanmaras. 540M. Wild. Seed.
459228. IFMA 1858. Turkey. HAS AU130678 0206. Collected 1978. Roadside, Berhce-Kizlers. 820M. Wild. Seed.

459199 TO 459236-continued

459229. IFMA 1860. Turkey. HAS AU130678 0401. Collected 1978. Roadside, 13km S of Fevzipasa (Gaziantep). 630M. Wild. Seed.
459230. IFMA 1861. Turkey. HAS AU130678 0402. Collected 1978. Roadside, 13km S of Fevzipasa (Gaziantep). 630M. Wild. Seed.
459231. IFMA 1864. Turkey. HAS AU140678 0605. Collected 1978. Grassland, 8km E of Urfa. 730M. Wild. Seed.
459232. IFMA 1865. Turkey. HAS AU140678 0703. Collected 1978. Roadside, 33km E of Urfa. 600M. Wild. Seed.
459233. IFMA 1866. Turkey. HAS AU140678 0803. Collected 1978. East, 25km of Urfa. Cultivated. Seed.
459234. IFMA 1867. Turkey. HAS CT170678 0406. Collected 1978. Grassland, 17km SW of Diarbakir. 880M. Wild. Seed.
459235. IFMA 1868. Turkey. HAS CT190678 0909. Collected 1978. Southeast, 24km of Mardin-Nusaybin. 920M. Wild. Seed.
459236. IFMA 1869. Turkey. HAS CT200678 0802. Collected 1978. South, 5km of Pertek. 870M. Wild. Seed.

459237 TO 459238. *Oryza sativa* L. (Poaceae) Upland rice.

From Philippines. International Rice Research Institute, Manila. Received June 1981.

459237. IRRI 7382. Upland Rice. Cultivated. Seed.
459238. IRRI 4778. Upland Rice 3036. Cultivated. Seed.

459239 TO 461391. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received June 1981.

459239. IRRI 758. MALIGAYA 1. Cultivated. Seed.
459240. IRRI 304. MAMIL 23. Cultivated. Seed.
459241. IRRI 305. MAMIL 76. Cultivated. Seed.
459242. IRRI 8039. MANAN/TINAWON. Cultivated. Seed.
459243. IRRI 6674. HANDLA. Cultivated. Seed.

459239 TO 461391-continued

459244. IRRI 9463. MARAGAYA. Cultivated. Seed.
459245. IRRI 8352. MARICHBATI. Cultivated. Seed.
459246. IRRI 9451. MATAO BRANCO. Cultivated. Seed.
459247. IRRI 9499. MATAO LISO. Cultivated. Seed.
459248. IRRI 6595. MATIAMON 73/23. Cultivated. Seed.
459249. IRRI 4845. MATSU HUANG CHIEN TAO. Cultivated. Seed.
459250. IRRI 5926. MAUNG NYO B24-92. Cultivated. Seed.
459251. IRRI 9250. MAUNI. Cultivated. Seed.
459252. IRRI 532. MB 1 X SG L15. Cultivated. Seed.
459253. IRRI 125. MEAN DON TSI. Cultivated. Seed.
459254. IRRI 8974. MENIKWEE. Cultivated. Seed.
459255. IRRI 5340. MERURUN. Cultivated. Seed.
459256. IRRI 9639. MIFB 54-1. Cultivated. Seed.
459257. IRRI 9631. MIFB 283-2. Cultivated. Seed.
459258. IRRI 9635. MIFB 318-1. Cultivated. Seed.
459259. IRRI 9469. MIGA. Cultivated. Seed.
459260. IRRI 352. MILTEX 135. Cultivated. Seed.
459261. IRRI 4870. MING HUO TSAO TAO. Cultivated. Seed.
459262. IRRI 7897. MLYCXV 1-283. Cultivated. Seed.
459263. IRRI 617. MODBOD NGA ITOM. Cultivated. Seed.
459264. IRRI 7289. MONGOL TAO. Cultivated. Seed.
459265. IRRI 4180. MONTJA TJAMPA. Cultivated. Seed.
459266. IRRI 594. MORADO A. Cultivated. Seed.
459267. IRRI 7720. MOROGALLAWEE. Cultivated. Seed.
459268. IRRI 232. MTU 3. Cultivated. Seed.
459269. IRRI 4904. MTU 3. Cultivated. Seed.

459239 TO 461391-continued

- 459270. IRRI 6411. MTU 17. Cultivated. Seed.
- 459271. IRRI 670. MTU 20. Cultivated. Seed.
- 459272. IRRI 6376. MTU 20. Cultivated. Seed.
- 459273. IRRI 6663. MUDGO. Cultivated. Seed.
- 459274. IRRI 5347. MUDJAIR. Cultivated. Seed.
- 459275. IRRI 849. MUEY NAWNG 68 M. Cultivated. Seed.
- 459276. IRRI 8986. MUTHUSAMBA. Cultivated. Seed.
- 459277. IRRI 6021. MYPALI AKP 5. Cultivated. Seed.
- 459278. IRRI 359. M1 48. Cultivated. Seed.
- 459279. IRRI 360. M1 57. Cultivated. Seed.
- 459280. IRRI 361. M2 2. Cultivated. Seed.
- 459281. IRRI 738. M2 2. Cultivated. Seed.
- 459282. IRRI 363. M5 35. Cultivated. Seed.
- 459283. IRRI 365. M7 A2. Cultivated. Seed.
- 459284. IRRI 367. M7 28. Cultivated. Seed.
- 459285. IRRI 368. M8 4. Cultivated. Seed.
- 459286. IRRI 369. M8 8. Cultivated. Seed.
- 459287. IRRI 371. M8 19. Cultivated. Seed.
- 459288. IRRI 373. M8 30. Cultivated. Seed.
- 459289. IRRI 375. M9 6. Cultivated. Seed.
- 459290. IRRI 374. M9 29. Cultivated. Seed.
- 459291. IRRI 6287. M 142. Cultivated. Seed.
- 459292. IRRI 7827. M302 X MAS M24. Cultivated. Seed.
- 459293. IRRI 8245. MACAN BINUNDOK. Cultivated. Seed.
- 459294. IRRI 8269. NABESHI. Cultivated. Seed.
- 459295. IRRI 7958. NA DO 19. Cultivated. Seed.

459239 TO 461391-continued

459296. IRRI 579. NAGPUNIT. Cultivated. Seed.
459297. IRRI 9743. NAHDA. Cultivated. Seed.
459298. IRRI 9738. NAN EI. Cultivated. Seed.
459299. IRRI 9317. NANO DE ALCANTARA. Cultivated. Seed.
459300. IRRI 7484. NANO IKU 2574. Cultivated. Seed.
459301. IRRI 7483. NANO IKU 2724. Cultivated. Seed.
459302. IRRI 554. NANO X SOLLANA. Cultivated. Seed.
459303. IRRI 9039. NAPAPPAKU. Cultivated. Seed.
459304. IRRI 6250. NAUNGTU T 1/6. Cultivated. Seed.
459305. IRRI 9283. NEO DUNGHAN 1. Cultivated. Seed.
459306. IRRI 9321. NEO DUNGHAN 2. Cultivated. Seed.
459307. IRRI 9308. NEO DUNGHAN 4. Cultivated. Seed.
459308. IRRI 6675. NERMAR. Cultivated. Seed.
459309. IRRI 7294. NEU MAO TAO. Cultivated. Seed.
459310. IRRI 6710. NEW GUINEA. Cultivated. Seed.
459311. IRRI 8253. NGATSIN. Cultivated. Seed.
459312. IRRI 9144. NGGERORK 1. Cultivated. Seed.
459313. IRRI 9672. NIAMOUNE. Cultivated. Seed.
459314. IRRI 965. NISHIKI 90. Cultivated. Seed.
459315. IRRI 5565. NO IKU 1694. Cultivated. Seed.
459316. IRRI 4988. NO IKU 1716. Cultivated. Seed.
459317. IRRI 5560. NO IKU 1716. Cultivated. Seed.
459318. IRRI 5716. NO IKU 1764. Cultivated. Seed.
459319. IRRI 419. NORIN 28. Cultivated. Seed.
459320. IRRI 8311. NORIN 51. Cultivated. Seed.
459321. IRRI 8934. NORUNKAN. Cultivated. Seed.

459239 TO 461391-continued

- 459322. IRR I 6676. NOVANE. Cultivated. Seed.
- 459323. IBRI 9445. NOVELI 15-1 P. Cultivated. Seed.
- 459324. IBRI 9436. NUNGLIN 65A. Cultivated. Seed.
- 459325. IRR I 9435. NUNGSHITH 20 X TN1. Cultivated. Seed.
- 459326. IRR I 6298. N 12. Cultivated. Seed.
- 459327. IRR I 5302. OBA. Cultivated. Seed.
- 459328. IRR I 6377. ODDAVALAN 2449-20. Cultivated. Seed.
- 459329. IRR I 8042. OGNA/PINIDWA. Cultivated. Seed.
- 459330. IRR I 8122. OGNA/TINAWON/QUQNAH. Cultivated. Seed.
- 459331. IRR I 8257. OIRAN. Cultivated. Seed.
- 459332. IRR I 6630. OLOLOM. Cultivated. Seed.
- 459333. IRR I 8179. O LUEN CHEUNG. Cultivated. Seed.
- 459334. IRR I 7952. OMACHI 2. Cultivated. Seed.
- 459335. IRR I 9274. OMIRT 55. Cultivated. Seed.
- 459336. IRR I 452. OOWU 188. Cultivated. Seed.
- 459337. IRR I 9275. ORKI 1. Cultivated. Seed.
- 459338. IRR I 5387. OSAKA NAKATE ASAHI. Cultivated. Seed.
- 459339. IRR I 9485. OSHIKARI SHIROQUE. Cultivated. Seed.
- 459340. IRR I 4809. OS WIED. Cultivated. Seed.
- 459341. IRR I 7415. OTA. Cultivated. Seed.
- 459342. IRR I 8945. OTTAVAL. Cultivated. Seed.
- 459343. IRR I 9044. PAC ANG. Cultivated. Seed.
- 459344. IRR I 8188. PACHEHAI PERUMAL. Cultivated. Seed.
- 459345. IRR I 5307. MAGATAMA. Cultivated. Seed.
- 459346. IRR I 8261. PADI KASALLE. Cultivated. Seed.
- 459347. IRR I 8267. PAGAIYAHAN. Cultivated. Seed.

459239 TO 461391-continued

- 459348. IRRI 7318. PAIAURA. Cultivated. Seed.
- 459349. IRRI 1223. PAI MAI. Cultivated. Seed.
- 459350. IRRI 6020. MAS 2401. Cultivated. Seed.
- 459351. IRRI 8045. PALEY/PEY DULEW. Cultivated. Seed.
- 459352. IRRI 8033. PALEY/PEY DUMALIN. Cultivated. Seed.
- 459353. IRRI 8118. PALEY/PEY LUMARO. Cultivated. Seed.
- 459354. IRRI 9212. PALEY/PEY LUMERO. Cultivated. Seed.
- 459355. IRRI 8125. PALEY/PEY PAGIRAN. Cultivated. Seed.
- 459356. IRRI 8957. MUTHUMANIKAM. Cultivated. Seed.
- 459357. IRRI 7352. PAL KWENG 48. Cultivated. Seed.
- 459358. IRRI 9707. NEAKE T H. Cultivated. Seed.
- 459359. IRRI 9267. PALLAGI 67. Cultivated. Seed.
- 459360. IRRI 9284. PALLAGI 73. Cultivated. Seed.
- 459361. IRRI 4208. PALAR. Cultivated. Seed.
- 459362. IRRI 6866. 221/BCIV/1/178/11. Cultivated. Seed.
- 459363. IRRI 7353. PAL TAL 45. Cultivated. Seed.
- 459364. IRRI 6679. PANIO. Cultivated. Seed.
- 459365. IRRI 4559. RO DAU 3065. Cultivated. Seed.
- 459366. IRRI 8268. PAPPAKU. Cultivated. Seed.
- 459367. IRRI 8098. PARAY BAGUNSILAN. Cultivated. Seed.
- 459368. IRRI 8058. PARAY BARUSINAY. Cultivated. Seed.
- 459369. IRRI 8074. PARAY BATUKAN. Cultivated. Seed.
- 459370. IRRI 8099. PARAY BIHUD. Cultivated. Seed.
- 459371. IRRI 8072. PARAY BINAGINBIN. Cultivated. Seed.
- 459372. IRRI 8097. PARAY BINAGUNHUN. Cultivated. Seed.
- 459373. IRRI 8081. PARAY BINIBIQ. Cultivated. Seed.

459239 TO 461391-continued

- 459374. IRRI 8070. PARAY BUKANKAN. Cultivated. Seed.
- 459375. IRRI 8090. PARAY BUNTUT QUSAH. Cultivated. Seed.
- 459376. IRRI 8071. PARAY HAMUTAN MARARAQ. Cultivated. Seed.
- 459377. IRRI 8065. PARAY KABANAY. Cultivated. Seed.
- 459378. IRRI 8084. PARAY KABUNUQ. Cultivated. Seed.
- 459379. IRRI 8053. PARAY KADAFUG. Cultivated. Seed.
- 459380. IRRI 8152. PARAY KAMURUS. Cultivated. Seed.
- 459381. IRRI 8079. PARAY KASAKAW. Cultivated. Seed.
- 459382. IRRI 8091. PARAY KINANDAH. Cultivated. Seed.
- 459383. IRRI 8073. PARAY KINTA HINAMQAN. Cultivated. Seed.
- 459384. IRRI 8066. PARAY KINUTUQ. Cultivated. Seed.
- 459385. IRRI 8063. PARAY KUBURUN. Cultivated. Seed.
- 459386. IRRI 8151. PARAY KURALIS. Cultivated. Seed.
- 459387. IRRI 8075. PARAY LUBAN. Cultivated. Seed.
- 459388. IRRI 8093. PARAY LUPAW. Cultivated. Seed.
- 459389. IRRI 8061. PARAY PILIT MALAGTIQ. Cultivated. Seed.
- 459390. IRRI 8158. PARAY PINUNUH. Cultivated. Seed.
- 459391. IRRI 8059. PARAY QIKUG KABAYUH. Cultivated. Seed.
- 459392. IRRI 8078. PARAY QINADAY. Cultivated. Seed.
- 459393. IRRI 8109. PARAY QINWAY. Cultivated. Seed.
- 459394. IRRI 8086. PARAY QUDLUT. Cultivated. Seed.
- 459395. IRRI 8076. PARAY TARABID. Cultivated. Seed.
- 459396. IRRI 9295. PATACA. Cultivated. Seed.
- 459397. IRRI 8197. SHAI KUH. Cultivated. Seed.
- 459398. IRRI 6860. PATNA. Cultivated. Seed.
- 459399. IRRI 6681. PATNI LOCAL. Cultivated. Seed.

459239 TO 461391-continued

- 459400. IRRI 6678. PATNI SALCETE VERMELHO. Cultivated. Seed.
- 459401. IRRI 7894. PATNI 16. Cultivated. Seed.
- 459402. IRRI 5766. PATO DE GALLINAZO Y 5371. Cultivated. Seed.
- 459403. IRRI 9528. PATRO. Cultivated. Seed.
- 459404. IRRI 4151. PAUNG MALAANG C3. Cultivated. Seed.
- 459405. IRRI 8293. TD 67. Cultivated. Seed.
- 459406. IRRI 7416. PEGONIL 15. Cultivated. Seed.
- 459407. IRRI 7417. PEGONIL 24. Cultivated. Seed.
- 459408. IRRI 8238. PEH KUH. Cultivated. Seed.
- 459409. IRRI 8237. PEH KUH TSAO TU. Cultivated. Seed.
- 459410. IRRI 9782. PEI YU 372. Cultivated. Seed.
- 459411. IRRI 8005. YUBAE. Cultivated. Seed.
- 459412. IRRI 7310. PENG NAN 15. Cultivated. Seed.
- 459413. IRRI 6938. PENN B GOPHER BOLD. Cultivated. Seed.
- 459414. IRRI 573. PERURUTONG B. Cultivated. Seed.
- 459415. IRRI 762. PERWRUTONG NB B. Cultivated. Seed.
- 459416. IRRI 6016. PETA 2802. Cultivated. Seed.
- 459417. IRRI 8355. TUPA BORO. Cultivated. Seed.
- 459418. IRRI 6835. PHUL PATTAS 72. Cultivated. Seed.
- 459419. IRRI 6732. Cultivated. Seed.
- 459420. IRRI 5305. YAMADA HO. Cultivated. Seed.
- 459421. IRRI 8082. P RINTA BUKANKAN. Cultivated. Seed.
- 459422. IRRI 6446. PLR 2. Cultivated. Seed.
- 459423. IRRI 7710. PODISAMBA A 8. Cultivated. Seed.
- 459424. IRRI 8023. POLOY/TINAWON. Cultivated. Seed.
- 459425. IRRI 9783. PONLAI GEN. Cultivated. Seed.

459239 TO 461391-continued

- 459426. IRRI 6656. ZINIA 31. Cultivated. Seed.
- 459427. IRRI 8026. POTPOTOY/TINAWON. Cultivated. Seed.
- 459428. IRRI 8124. P/PEY PENEWAN. Cultivated. Seed.
- 459429. IRRI 8123. P/PEY QANAKQAGTAQ. Cultivated. Seed.
- 459430. IRRI 6462. PRATAO. Cultivated. Seed.
- 459431. IRRI 9447. PRATAO ORLANDIA. Cultivated. Seed.
- 459432. IRRI 5253. ZIONGZO. Cultivated. Seed.
- 459433. IRRI 8013. P ROSSI. Cultivated. Seed.
- 459434. IRRI 6948. PR 482. Cultivated. Seed.
- 459435. IRRI 8186. PTB 9. Cultivated. Seed.
- 459436. IRRI 6716. 3-MONTH VARIETY. Cultivated. Seed.
- 459437. IRRI 6107. PTB 19. Cultivated. Seed.
- 459438. IRRI 6302. PTB 23. Cultivated. Seed.
- 459439. IRRI 6403. PTB 28. Cultivated. Seed.
- 459440. IRRI 7789. PTB 29. Cultivated. Seed.
- 459441. IRRI 8046. P TINGAGEW DAYKET QAY DAYON. Cultivated. Seed.
- 459442. IRRI 8028. P TIN QN QIPUGON HAYUQBABA. Cultivated. Seed.
- 459443. IRRI 8108. P TINYAGEW DAYKET LIKWET. Cultivated. Seed.
- 459444. IRRI 9210. P TINYAGEW DAYKET LAWILAWAN. Cultivated. Seed.
- 459445. IRRI 8167. P TUPEN QUDQAS PARNIT. Cultivated. Seed.
- 459446. IRRI 6420. 14 SON. Cultivated. Seed.
- 459447. IRRI 7550. PUC UZBEKSKIJ 2. Cultivated. Seed.
- 459448. IRRI 9532. PUEBLA LARGA. Cultivated. Seed.
- 459449. IRRI 8346. PUKHI. Cultivated. Seed.
- 459450. IRRI 3630. PULUT NANGKA 016. Cultivated. Seed.
- 459451. IRRI 6061. PULUT NANGKA 016. Cultivated. Seed.

459239 TO 461391-continued

459452. IRRI 8350. PUSUR. Cultivated. Seed.
459453. IRRI 1397. PU TAUCH PU CHIH CHI 1. Cultivated. Seed.
459454. IRRI 9225. PUTIH MONTER. Cultivated. Seed.
459455. IRRI 8189. PWEABINNI MYMENSINGH. Cultivated. Seed.
459456. IRRI 8227. 70 A SOM CAU. Cultivated. Seed.
459457. IRRI 5014. P 161. Cultivated. Seed.
459458. IRRI 7960. 93. Cultivated. Seed.
459459. IRRI 7961. 93-3. Cultivated. Seed.
459460. IRRI 5550. P 170. Cultivated. Seed.
459461. IRRI 5327. 108E/40. Cultivated. Seed.
459462. IRRI 8135. QINOGNAS. Cultivated. Seed.
459463. IRRI 8144. QOMEMAN. Cultivated. Seed.
459464. IRRI 541. RADIN CHINA. Cultivated. Seed.
459465. IRRI 8339. RAJASAIL. Cultivated. Seed.
459466. IRRI 7753. RAMBUTANWEE. Cultivated. Seed.
459467. IRRI 181. RAM TULASI. Cultivated. Seed.
459468. IRRI 6248. RATHKARAYAL 38 YM 3753. Cultivated. Seed.
459469. IRRI 8922. RATHKUDA. Cultivated. Seed.
459470. IRRI 6425. RATUA 394. Cultivated. Seed.
459471. IRRI 308. RA 20. Cultivated. Seed.
459472. IRRI 309. RA 22. Cultivated. Seed.
459473. IRRI 6950. RD 218. Cultivated. Seed.
459474. IRRI 613. RDR 2. Cultivated. Seed.
459475. IRRI 6259. RDR 2. Cultivated. Seed.
459476. IRRI 631. RDR 7. Cultivated. Seed.
459477. IRRI 6823. RD S 19. Cultivated. Seed.

459239 TO 461391-continued

- 459478. IRRI 9476. REIS LOUISIANA. Cultivated. Seed.
- 459479. IRRI 7432. #143. Cultivated. Seed.
- 459480. IRRI 7409. RIKUTO NORIN 264. Cultivated. Seed.
- 459481. IRRI 7992. RINALDO BERSANI 636. Cultivated. Seed.
- 459482. IRRI 5071. RIN BUL JI NADO. Cultivated. Seed.
- 459483. IRRI 5350. 221B/57/1/4. Cultivated. Seed.
- 459484. IRRI 6955. RL GOPHER. Cultivated. Seed.
- 459485. IRRI 9247. RODJO LELE. Cultivated. Seed.
- 459486. IRRI 1906. R PURPLE LEAF X 7/8-3-10. Cultivated. Seed.
- 459487. IRRI 310. RP 21. Cultivated. Seed.
- 459488. IRRI 8178. RTS 14. Cultivated. Seed.
- 459489. IRRI 7591. 221B/212/2/2/2/1. Cultivated. Seed.
- 459490. IRRI 5849. R 8 LUCHAI. Cultivated. Seed.
- 459491. IRRI 5406. R 21 S5. Cultivated. Seed.
- 459492. IRRI 9011. R 67. Cultivated. Seed.
- 459493. IRRI 8146. SABA. Cultivated. Seed.
- 459494. IRRI 4203. SAHE. Cultivated. Seed.
- 459495. IRRI 3631. SALAK 2885. Cultivated. Seed.
- 459496. IRRI 6015. SALAK 2885. Cultivated. Seed.
- 459497. IRRI 7355. SALBIO 4-10. Cultivated. Seed.
- 459498. IRRI 8139. SALIGAKGAK. Cultivated. Seed.
- 459499. IRRI 8060. SALIKET DI BANKODO. Cultivated. Seed.
- 459500. IRRI 8064. SALIKET DI QINOGNAS. Cultivated. Seed.
- 459501. IRRI 6242. SA MO R 78. Cultivated. Seed.
- 459502. IRRI 574. SAMPAY BAKOD. Cultivated. Seed.
- 459503. IRRI 9394. SANCIO P6. Cultivated. Seed.

459239 TO 461391-continued

459504. IRRI 6715. SARAYA. Cultivated. Seed.
459505. IRRI 9737. SASAHONAMI. Cultivated. Seed.
459506. IRRI 263. 242-6-1-1. Cultivated. Seed.
459507. IRRI 8262. SEMOERAN. Cultivated. Seed.
459508. IRRI 728. SENORITA. Cultivated. Seed.
459509. IRRI 7690. SENSHO SUI. Cultivated. Seed.
459510. IRRI 8260. SERATOES HARI. Cultivated. Seed.
459511. IRRI 5245. SERAUP BESAR. Cultivated. Seed.
459512. IRRI 7656. SEREH. Cultivated. Seed.
459513. IRRI 7631. 268 B/PB/22/2/1. Cultivated. Seed.
459514. IRRI 5708. SHINCHIKU IKU 124. Cultivated. Seed.
459515. IRRI 5050. SHINCHIKU 24. Cultivated. Seed.
459516. IRRI 7515. SHINCHIKU 54. Cultivated. Seed.
459517. IRRI 7997. SHINCHIKWIKU 124. Cultivated. Seed.
459518. IRRI 7669. SHIN EI. Cultivated. Seed.
459519. IRRI 9739. SHIN EI. Cultivated. Seed.
459520. IRRI 986. SHIN PA. Cultivated. Seed.
459521. IRRI 9741. SHINSETSU. Cultivated. Seed.
459522. IRRI 5393. SHINZAN. Cultivated. Seed.
459523. IRRI 6390. 406. Cultivated. Seed.
459524. IRRI 763. 415. Cultivated. Seed.
459525. IRRI 8242. SHUANG CHIANG. Cultivated. Seed.
459526. IRRI 42. SIAM 29. Cultivated. Seed.
459527. IRRI 27. SIAM 29. Cultivated. Seed.
459528. IRRI 7643. SIGAMBIRI. Cultivated. Seed.
459529. IRRI 7644. SIMOLITI. Cultivated. Seed.

459239 TO 461391-continued

459530. IRR I 5405. SINTIANE DIOFOR. Cultivated. Seed.
459531. IRR I 7659. SINZAN. Cultivated. Seed.
459532. IRR I 9318. SI SOU BAJ TAO. Cultivated. Seed.
459533. IRR I 6/431. SLO 9. Cultivated. Seed.
459534. IRR I 6300. SLO 12. Cultivated. Seed.
459535. IRR I 8016. 640. Cultivated. Seed.
459536. IRR I 63. SLO 16. Cultivated. Seed.
459537. IRR I 689. SLO 19. Cultivated. Seed.
459538. IRR I 317. SMIL 11. Cultivated. Seed.
459539. IRR I 1433. 3301. Cultivated. Seed.
459540. IRR I 4931. SOKOTERA. Cultivated. Seed.
459541. IRR I 672. SOLLANA. Cultivated. Seed.
459542. IRR I 6718. SONACALIF. Cultivated. Seed.
459543. IRR I 4728. SONYAN SHUN. Cultivated. Seed.
459544. IRR I 5308. SOTOKU. Cultivated. Seed.
459545. IRR I 9825. SP 21. Cultivated. Seed.
459546. IRR I 9496. AGULHA AMARELO. Cultivated. Seed.
459547. IRR I 9454. AGULHA CACHOEIRA 4. Cultivated. Seed.
459548. IRR I 828. STIRPE 265. Cultivated. Seed.
459549. IRR I 7715. SUDHUBALAWEE. Cultivated. Seed.
459550. IRR I 8900. SUDHUBALAWEE. Cultivated. Seed.
459551. IRR I 7724. SUDUBALAWEE. Cultivated. Seed.
459552. IRR I 7716. SUDUHETADA. Cultivated. Seed.
459553. IRR I 7804. SUDUWEE. Cultivated. Seed.
459554. IRR I 9439. SUECA. Cultivated. Seed.
459555. IRR I 9531. SUECA X SOLLANA. Cultivated. Seed.

459239 TO 461391-continued

459556. IRRI 6682. SUKALI. Cultivated. Seed.
459557. IRRI 9241. SUKANANDI. Cultivated. Seed.
459558. IRRI 8344. SURJAMKUI. Cultivated. Seed.
459559. IRRI 7507. SUWON 53. Cultivated. Seed.
459560. IRRI 7357. SUWON 99. Cultivated. Seed.
459561. IRRI 7299. SU YAI 20. Cultivated. Seed.
459562. IRRI 9342. SZANISZLO 4. Cultivated. Seed.
459563. IRRI 9458. AGULHA CACHOEIRA 9-1054. Cultivated. Seed.
459564. IRRI 9325. SZANISZLO 3/SZAKALLAS. Cultivated. Seed.
459565. IRRI 6854. S 82. Cultivated. Seed.
459566. IRRI 603. TABA. Cultivated. Seed.
459567. IRRI 7791. TAICHU 65 X M EBOS 80 53/1. Cultivated. Seed.
459568. IRRI 9780. TAICHUNG NATIVE YU 7. Cultivated. Seed.
459569. IRRI 5519. TAICHUNG YU 182. Cultivated. Seed.
459570. IRRI 7794. TAICHUNG 1. Cultivated. Seed.
459571. IRRI 9441. AGULHA ESAV (IRGA). Cultivated. Seed.
459572. IRRI 79. TAICHUNG 65. Cultivated. Seed.
459573. IRRI 5521. TAICHUNG 47720. Cultivated. Seed.
459574. IRRI 6892. TAINAN IKU 370. Cultivated. Seed.
459575. IRRI 517. TAISHO AKAHO 66. Cultivated. Seed.
459576. IRRI 9819. TAITA 1. Cultivated. Seed.
459577. IRRI 5537. TAITUNG YU 66. Cultivated. Seed.
459578. IRRI 1002. TAI YIP ZIM. Cultivated. Seed.
459579. IRRI 1094. TA LI JU. Cultivated. Seed.
459580. IRRI 8149. TALINO. Cultivated. Seed.
459581. IRRI 9320. TALISMAN. Cultivated. Seed.

459239 TO 461391-continued

459582. IRRI 1174. TA LI TSAO SHENG. Cultivated. Seed.
459583. IRRI 8194. TA MAO TAO. Cultivated. Seed.
459584. IRRI 7509. TANG ZO 131. Cultivated. Seed.
459585. IRRI 7292. TA PAI MAUNG. Cultivated. Seed.
459586. IRRI 615. TAPOL. Cultivated. Seed.
459587. IRRI 6321. CPY 15. Cultivated. Seed.
459588. IRRI 7636. DAJANG RINDU. Cultivated. Seed.
459589. IRRI 7301. TA YANG TSIN. Cultivated. Seed.
459590. IRRI 7918. TC 65 X M EBOS 80 75/1. Cultivated. Seed.
459591. IRRI 8272. TD 5. Cultivated. Seed.
459592. IRRI 8277. TD 30. Cultivated. Seed.
459593. IRRI 8281. TD 45. Cultivated. Seed.
459594. IRRI 8282. TD 46. Cultivated. Seed.
459595. IRRI 8210. TD 52. Cultivated. Seed.
459596. IRRI 8286. TD 55. Cultivated. Seed.
459597. IRRI 8287. TD 56. Cultivated. Seed.
459598. IRRI 8211. TD 57. Cultivated. Seed.
459599. IRRI 6370. DA 4. Cultivated. Seed.
459600. IRRI 8213. TD 63. Cultivated. Seed.
459601. IRRI 8125. PALÉY/PEY PAGIRAN. Cultivated. Seed.
459602. IRRI 8249. GADI. Cultivated. Seed.
459603. IRRI 8295. TD 69. Cultivated. Seed.
459604. IRRI 8216. TD 71. Cultivated. Seed.
459605. IRRI 8297. TD 72. Cultivated. Seed.
459606. IRRI 8298. TD 73. Cultivated. Seed.
459607. IRRI 8299. TD 74. Cultivated. Seed.

459239 TO 461391-continued

459608. IRRI 8217. TD 76. Cultivated. Seed.
459609. IRRI 6231. TEP SAIGON 229. Cultivated. Seed.
459610. IRRI 356. TEXAS 317. Cultivated. Seed.
459611. IRRI 803. THAILAND X NORIN. Cultivated. Seed.
459612. IRRI 8947. TIKKIRISAMBA. Cultivated. Seed.
459613. IRRI 596. TINAMPOKOY. Cultivated. Seed.
459614. IRRI 6246. DA 28. Cultivated. Seed.
459615. IRRI 699. TINAYABAS B. Cultivated. Seed.
459616. IRRI 973. TING CHANG. Cultivated. Seed.
459617. IRRI 5622. TI YEH LU. Cultivated. Seed.
459618. IRRI 7655. TJEMPO WELUT. Cultivated. Seed.
459619. IRRI 34. TJERE MAS. Cultivated. Seed.
459620. IRRI 6296. TKM 4. Cultivated. Seed.
459621. IRRI 6219. TKM 5. Cultivated. Seed.
459622. IRRI 6837. TOGA 356. Cultivated. Seed.
459623. IRRI 6834. TOGA 378. Cultivated. Seed.
459624. IRRI 8012. TONOWASE. Cultivated. Seed.
459625. IRRI 7693. TOSAHATA MOCHI. Cultivated. Seed.
459626. IRRI 7663. TOZAN 36. Cultivated. Seed.
459627. IRRI 319. TP MIL 29. Cultivated. Seed.
459628. IRRI 321. TP MIL 42. Cultivated. Seed.
459629. IRRI 322. TP MIL 44. Cultivated. Seed.
459630. IRRI 323. TP MIL 45. Cultivated. Seed.
459631. IRRI 324. TP MIL 47. Cultivated. Seed.
459632. IRRI 327. TP X REX X SB. Cultivated. Seed.
459633. IRRI 5678. TP X R7689 168. Cultivated. Seed.

459239 TO 461391-continued

- 459634. IRR I 5779. TP X R 76889-160. Cultivated. Seed.
- 459635. IRR I 7104. TRANG CUT I 41. Cultivated. Seed.
- 459636. IRR I 6720. TRES MESES. Cultivated. Seed.
- 459637. IRR I 6859. TRIOMPHE. Cultivated. Seed.
- 459638. IRR I 7306. TSE CHIN GOO. Cultivated. Seed.
- 459639. IRR I 9533. DH 1. Cultivated. Seed.
- 459640. IRR I 7315. TSOU YUEN. Cultivated. Seed.
- 459641. IRR I 7297. TU TAO. Cultivated. Seed.
- 459642. IRR I 5426. TWAILIBON. Cultivated. Seed.
- 459643. IRR I 9832. T 5. Cultivated. Seed.
- 459644. IRR I 4827. T 22 A. Cultivated. Seed.
- 459645. IRR I 6112. T 36. Cultivated. Seed.
- 459646. IRR I 6277. T 1453. Cultivated. Seed.
- 459647. IRR I 6260. T 1454. Cultivated. Seed.
- 459648. IRR I 8716. UCP 3. Cultivated. Seed.
- 459649. IRR I 8718. UCP 6. Cultivated. Seed.
- 459650. IRR I 8717. UCP 7. Cultivated. Seed.
- 459651. IRR I 8721. UCP 17. Cultivated. Seed.
- 459652. IRR I 8722. UCP 18. Cultivated. Seed.
- 459653. IRR I 8723. UCP 19. Cultivated. Seed.
- 459654. IRR I 8724. UCP 20. Cultivated. Seed.
- 459655. IRR I 8725. UCP 22. Cultivated. Seed.
- 459656. IRR I 8727. UCP 23. Cultivated. Seed.
- 459657. IRR I 8726. UCP 27. Cultivated. Seed.
- 459658. IRR I 8728. UCP 28. Cultivated. Seed.
- 459659. IRR I 8730. UCP 29. Cultivated. Seed.

459239 TO 461391-continued

459660. IRR I 8732. UCP 32. Cultivated. Seed.
459661. IRR I 50. C 22. Cultivated. Seed.
459662. IRR I 8733. UCP 33. Cultivated. Seed.
459663. IRR I 8734. UCP 34. Cultivated. Seed.
459664. IRR I 8736. UCP 35. Cultivated. Seed.
459665. IRR I 8737. UCP 36. Cultivated. Seed.
459666. IRR I 8739. UCP 38. Cultivated. Seed.
459667. IRR I 8740. UCP 39. Cultivated. Seed.
459668. IRR I 8741. UCP 40. Cultivated. Seed.
459669. IRR I 8742. UCP 41. Cultivated. Seed.
459670. IRR I 8743. UCP 42. Cultivated. Seed.
459671. IRR I 8746. UCP 45. Cultivated. Seed.
459672. IRR I 8747. UCP 46. Cultivated. Seed.
459673. IRR I 8748. UCP 47. Cultivated. Seed.
459674. IRR I 8749. UCP 48. Cultivated. Seed.
459675. IRR I 8750. UCP 49. Cultivated. Seed.
459676. IRR I 8751. UCP 50. Cultivated. Seed.
459677. IRR I 8752. UCP 53. Cultivated. Seed.
459678. IRR I 8753. UCP 65. Cultivated. Seed.
459679. IRR I 8754. UCP 71. Cultivated. Seed.
459680. IRR I 8755. UCP 83. Cultivated. Seed.
459681. IRR I 8756. UCP 86. Cultivated. Seed.
459682. IRR I 8792. UCP 89. Cultivated. Seed.
459683. IRR I 8793. UCP 110. Cultivated. Seed.
459684. IRR I 8794. UCP 122. Cultivated. Seed.
459685. IRR I 8795. UCP 127. Cultivated. Seed.

459239 TO 461391-continued

- 459686. IRR I 8799. UCP 133. Cultivated. Seed.
- 459687. IRR I 8800. UCP 137. Cultivated. Seed.
- 459688. IRR I 9051. U KUH. Cultivated. Seed.
- 459689. IRR I 8841. DV 88. Cultivated. Seed.
- 459690. IRR I 9231. URANG URANGAN. Cultivated. Seed.
- 459691. IRR I 792. URAY. Cultivated. Seed.
- 459692. IRR I 7843. UVAR VELLAI. Cultivated. Seed.
- 459693. IRR I 9426. UZ ROSZ 7-13. Cultivated. Seed.
- 459694. IRR I 9423. UZ ROSZ 275. Cultivated. Seed.
- 459695. IRR I 9391. UZ ROSZ 2831. Cultivated. Seed.
- 459696. IRR I 9323. U 529. Cultivated. Seed.
- 459697. IRR I 384. VARY LAVA 9. Cultivated. Seed.
- 459698. IRR I 7463. VARY LAVA 16. Cultivated. Seed.
- 459699. IRR I 9650. VARY LAVA 16. Cultivated. Seed.
- 459700. IRR I 7423. VARY TARVA OSLA. Cultivated. Seed.
- 459701. IRR I 6322. VELLAI ILLANKALAYAN 28061. Cultivated. Seed.
- 459702. IRR I 8956. VELLAILANGAYAN. Cultivated. Seed.
- 459703. IRR I 1431. 2894. Cultivated. Seed.
- 459704. IRR I 9467. VERCELLI. Cultivated. Seed.
- 459705. IRR I 7805. VI 28061. Cultivated. Seed.
- 459706. IRR I 5780. WA CHAN. Cultivated. Seed.
- 459707. IRR I 6409. WANER 1. Cultivated. Seed.
- 459708. IRR I 4631. WAN KENG TAO. Cultivated. Seed.
- 459709. IRR I 7293. WAN PAI TSIN 3. Cultivated. Seed.
- 459710. IRR I 9473. WASE SHIROQUE. Cultivated. Seed.
- 459711. IRR I 2414. WOL ZO. Cultivated. Seed.

459239 TO 461391-continued

459712. IRRI 5798. WRC 1. Cultivated. Seed.
459713. IRRI 9788. WU GEN. Cultivated. Seed.
459714. IRRI 938. X-157-3-4. Cultivated. Seed.
459715. IRRI 9450. YABAN PEARL (NOVA). Cultivated. Seed.
459716. IRRI 1520. YEN TU. Cultivated. Seed.
459717. IRRI 1116. YIU CHAN. Cultivated. Seed.
459718. IRRI 1123. YI YU PING 1. Cultivated. Seed.
459719. IRRI 527. YUBAE. Cultivated. Seed.
459720. IRRI 1234. YUEN NAN CHAN TAO. Cultivated. Seed.
459721. IRRI 7302. YUE TSIN. Cultivated. Seed.
459722. IRRI 4383. YU MANY TSAO TEN DAY. Cultivated. Seed.
459723. IRRI 1264. YU WEI. Cultivated. Seed.
459724. IRRI 5074. 3879. Cultivated. Seed.
459725. IRRI 5309. ZEN KOZI. Cultivated. Seed.
459726. IRRI 71. ZINIYA 31. Cultivated. Seed.
459727. IRRI 4794. 0516. Cultivated. Seed.
459728. IRRI 2808. 3 SAKURA. Cultivated. Seed.
459729. IRRI 6389. 32. Cultivated. Seed.
459730. IRRI 9526. 73. Cultivated. Seed.
459731. IRRI 5085. 3992. Cultivated. Seed.
459732. IRRI 7362. 11532. Cultivated. Seed.
459733. IRRI 4798. 99216. Cultivated. Seed.
459734. IRRI 3714. 141 BK BR4. Cultivated. Seed.
459735. IRRI 7434. 143. Cultivated. Seed.
459736. IRRI 7435. 143. Cultivated. Seed.
459737. IRRI 7436. 152. Cultivated. Seed.

459239 TO 461391-continued

459738. IRRI 7438. 152. Cultivated. Seed.
459739. IRRI 7439. 152. Cultivated. Seed.
459740. IRRI 5349. 221 B/BC III/160/4. Cultivated. Seed.
459741. IRRI 7585. 221 B/36/1/1/1/1. Cultivated. Seed.
459742. IRRI 7612. 221/BC III A/81/2/1. Cultivated. Seed.
459743. IRRI 7564. 221/BC IV/1/45/6/12. Cultivated. Seed.
459744. IRRI 7565. 221/BC IV/1/45/7/3. Cultivated. Seed.
459745. IRRI 7566. 221/BC IV/1/45/8/1. Cultivated. Seed.
459746. IRRI 7567. 221/BC IV/1/45/8/2. Cultivated. Seed.
459747. IRRI 7568. 221/BC IV/1/45/8/3. Cultivated. Seed.
459748. IRRI 7569. 221/BC IV/1/45/8/5. Cultivated. Seed.
459749. IRRI 7570. 221/BC IV/1/45/9/6. Cultivated. Seed.
459750. IRRI 7571. 221/BC IV/1/45/10/3. Cultivated. Seed.
459751. IRRI 7572. 221/BC IV/1/45/10/4. Cultivated. Seed.
459752. IRRI 7573. 221/BC IV/1/45/11/1. Cultivated. Seed.
459753. IRRI 7574. 221/BC IV/1/178/3/2. Cultivated. Seed.
459754. IRRI 7575. 221/BC IV/1/178/3/3. Cultivated. Seed.
459755. IRRI 7579. 221/BC IV/1/178/6/3. Cultivated. Seed.
459756. IRRI 6864. 221/BC IV/1/178/9. Cultivated. Seed.
459757. IRRI 7580. 221/BC IV/1/178/9/7. Cultivated. Seed.
459758. IRRI 7581. 221/BC IV/1/178/11/1. Cultivated. Seed.
459759. IRRI 7583. 221/BC IV/1/178/13/3. Cultivated. Seed.
459760. IRRI 5351. 221/BC IV/45/3. Cultivated. Seed.
459761. IRRI 5352. 221/BC IV/178/3. Cultivated. Seed.
459762. IRRI 7576. 221/BC IV/178/4/8. Cultivated. Seed.
459763. IRRI 7604. 221 C/BC I/18/4. Cultivated. Seed.

459239 TO 461391-continued

459764. IRR I 7605. 221 C/BC I/24/1. Cultivated. Seed.
459765. IRR I 7606. 221 C/BC II/11/3. Cultivated. Seed.
459766. IRR I 7609. 221 C/BC II/74/2. Cultivated. Seed.
459767. IRR I 7607. 221 C/BC III/BN/53/1. Cultivated. Seed.
459768. IRR I 7608. 221 C/BC III/BN/62/2. Cultivated. Seed.
459769. IRR I 7597. 221 C/53/1/3/1. Cultivated. Seed.
459770. IRR I 7593. 221 C/115/1. Cultivated. Seed.
459771. IRR I 7598. 221 C/299/1/1/2. Cultivated. Seed.
459772. IRR I 7599. 221 C/383/1/4/1. Cultivated. Seed.
459773. IRR I 7601. 221 C/434/2/3/3. Cultivated. Seed.
459774. IRR I 7602. 221 C/434/2/4/1. Cultivated. Seed.
459775. IRR I 7613. 221 E/17/2. Cultivated. Seed.
459776. IRR I 7614. 221 E/20/3. Cultivated. Seed.
459777. IRR I 7615. 221 E/22/1. Cultivated. Seed.
459778. IRR I 7618. 221 E/88/3. Cultivated. Seed.
459779. IRR I 7619. 221 E/285/1. Cultivated. Seed.
459780. IRR I 7369. 224. Cultivated. Seed.
459781. IRR I 7624. 268 B/PR/2/2/2. Cultivated. Seed.
459782. IRR I 7626. 268 B/PR/22/3/1. Cultivated. Seed.
459783. IRR I 7363. 293. Cultivated. Seed.
459784. IRR I 6351. 415. Cultivated. Seed.
459785. IRR I 8232. 558 GIAU NGHE. Cultivated. Seed.
459786. IRR I 1098. A 3/3K ASSAW. Cultivated. Seed.
459787. IRR I 6783. A 35-17. Cultivated. Seed.
459788. IRR I 6430. A 90. Cultivated. Seed.
459789. IRR I 7841. ABOUKOUYE. Cultivated. Seed.

459239 TO 461391-continued

- 459790. IRR I 293. AC 224. Cultivated. Seed.
- 459791. IRR I 45. AC 435. Cultivated. Seed.
- 459792. IRR I 53. AC 440. Cultivated. Seed.
- 459793. IRR I 294. AC 534. Cultivated. Seed.
- 459794. IRR I 180. ADDAY LOCAL SEL. Cultivated. Seed.
- 459795. IRR I 177. ADDAY SEL. Cultivated. Seed.
- 459796. IRR I 6254. ADT 12. Cultivated. Seed.
- 459797. IRR I 6221. ADT 15. Cultivated. Seed.
- 459798. IRR I 6383. ADT 18. Cultivated. Seed.
- 459799. IRR I 5901. ADT 22. Cultivated. Seed.
- 459800. IRR I 6098. ADT 25. Cultivated. Seed.
- 459801. IRR I 5151. ADT 25. Cultivated. Seed.
- 459802. IRR I 5921. ADT 8. Cultivated. Seed.
- 459803. IRR I 6489. AFFA KILOMBERO EX MAHIWA. Cultivated. Seed.
- 459804. IRR I 5130. AGAMY. Cultivated. Seed.
- 459805. IRR I 5897. AJAN 246 (BANKURA 21). Cultivated. Seed.
- 459806. IRR I 9363. AK SHALI. Cultivated. Seed.
- 459807. IRR I 7128. AKP 11. Cultivated. Seed.
- 459808. IRR I 6372. AKP 13. Cultivated. Seed.
- 459809. IRR I 6168. AKP 2. Cultivated. Seed.
- 459810. IRR I 8944. ALAGUSAMBA. Cultivated. Seed.
- 459811. IRR I 5132. AMBARIKORI. Cultivated. Seed.
- 459812. IRR I 6148. AMBEMOHOR 157. Cultivated. Seed.
- 459813. IRR I 6162. AMERICAN HS 1. Cultivated. Seed.
- 459814. IRR I 6089. ANAIKOMBAN ASD 6. Cultivated. Seed.
- 459815. IRR I 7938. ANAK IKAN GRESSING. Cultivated. Seed.

459239 TO 461391-continued

459816. IRR I 12. ANAK IKAN RENDAH. Cultivated. Seed.
459817. IRR I 7738. ANDIKULAN. Cultivated. Seed.
459818. IRR I 7252. ANG KRANG. Cultivated. Seed.
459819. IRR I 9558. ANGHA. Cultivated. Seed.
459820. IRR I 5831. ANGOSOR K 118. Cultivated. Seed.
459821. IRR I 6361. ANTERSAL 67. Cultivated. Seed.
459822. IRR I 5157. ARABON. Cultivated. Seed.
459823. IRR I 239. ASD 1. Cultivated. Seed.
459824. IRR I 6032. ASD 3. Cultivated. Seed.
459825. IRR I 6380. ASD 9. Cultivated. Seed.
459826. IRR I 4211. ASE POELOE BOLONG. Cultivated. Seed.
459827. IRR I 9807. ASM 10. Cultivated. Seed.
459828. IRR I 9808. ASM 29. Cultivated. Seed.
459829. IRR I 9811. ASM 44. Cultivated. Seed.
459830. IRR I 9812. ASM 51. Cultivated. Seed.
459831. IRR I 6570. ASWINA 322. Cultivated. Seed.
459832. IRR I 5889. A 200. Cultivated. Seed.
459833. IRR I 6187. B 1399. Cultivated. Seed.
459834. IRR I 6801. B 24-92. Cultivated. Seed.
459835. IRR I 6803. B 38-35. Cultivated. Seed.
459836. IRR I 6800. B 401. Cultivated. Seed.
459837. IRR I 6798. B 405. Cultivated. Seed.
459838. IRR I 41. B 436. Cultivated. Seed.
459839. IRR I 5043. B 4515-1-3. Cultivated. Seed.
459840. IRR I 6802. B 47-5. Cultivated. Seed.
459841. IRR I 722. B 6 X 27. Cultivated. Seed.

459239 TO 461391-continued

- 459842. IRRI 6460. B 12. Cultivated. Seed.
- 459843. IRRI 5841. BA BO TI S 7. Cultivated. Seed.
- 459844. IRRI 7219. BA BONG. Cultivated. Seed.
- 459845. IRRI 7086. BA CHUC. Cultivated. Seed.
- 459846. IRRI 5954. BA MONCH TI S6. Cultivated. Seed.
- 459847. IRRI 7062. BA THAC NHO. Cultivated. Seed.
- 459848. IRRI 7003. BA THOC. Cultivated. Seed.
- 459849. IRRI 7930. BAALE EDE (CAM 55). Cultivated. Seed.
- 459850. IRRI 7928. BAANYALOJOPOIHUN. Cultivated. Seed.
- 459851. IRRI 4920. BABO THI. Cultivated. Seed.
- 459852. IRRI 6562. BADAL 292. Cultivated. Seed.
- 459853. IRRI 6561. BADAL 444. Cultivated. Seed.
- 459854. IRRI 6495. BADAL 672/2. Cultivated. Seed.
- 459855. IRRI 6586. BADAL 76. Cultivated. Seed.
- 459856. IRRI 6513. BADAL 89. Cultivated. Seed.
- 459857. IRRI 9829. BADSHA BOGH. Cultivated. Seed.
- 459858. IRRI 6590. BAGUAMON 14. Cultivated. Seed.
- 459859. IRRI 6606. BAGUAMON 288. Cultivated. Seed.
- 459860. IRRI 6566. BAGUAMON 436. Cultivated. Seed.
- 459861. IRRI 837. BAI LOD 36-10-56. Cultivated. Seed.
- 459862. IRRI 6129. BAIANG 6. Cultivated. Seed.
- 459863. IRRI 7076. BAKRUP B. TREA. Cultivated. Seed.
- 459864. IRRI 8919. BALAMAWEE. Cultivated. Seed.
- 459865. IRRI 7752. BALAMAWEE. Cultivated. Seed.
- 459866. IRRI 7653. BALEDEWA. Cultivated. Seed.
- 459867. IRRI 558. BALLOCOK. Cultivated. Seed.

459239 TO 461391-continued

459868. IRR I 6156. BAM 6. Cultivated. Seed.
459869. IRR I 4187. BANDA 387. Cultivated. Seed.
459870. IRR I 6713. BANDALA. Cultivated. Seed.
459871. IRR I 6714. BANDALA KE BACHA. Cultivated. Seed.
459872. IRR I 6133. BANDANG PUTIH 680. Cultivated. Seed.
459873. IRR I 7876. BANDIOULOLOU. Cultivated. Seed.
459874. IRR I 6198. BANDIOULOUKA. Cultivated. Seed.
459875. IRR I 6141. BANG PHRA. Cultivated. Seed.
459876. IRR I 6673. BANGAR SAL. Cultivated. Seed.
459877. IRR I 7061. BANGPRA. Cultivated. Seed.
459878. IRR I 6160. BANKURA 31. Cultivated. Seed.
459879. IRR I 6338. BANKURA 1. Cultivated. Seed.
459880. IRR I 6183. BANKURA 25. Cultivated. Seed.
459881. IRR I 5364. BAKK 3. Cultivated. Seed.
459882. IRR I 6819. BARA 379. Cultivated. Seed.
459883. IRR I 6831. BARA 62. Cultivated. Seed.
459884. IRR I 4190. BARANDA. Cultivated. Seed.
459885. IRR I 7013. BAT DE. Cultivated. Seed.
459886. IRR I 7014. BAT DO. Cultivated. Seed.
459887. IRR I 8907. BATHIRATWEE. Cultivated. Seed.
459888. IRR I 6239. BAU 157. Cultivated. Seed.
459889. IRR I 6564. BAZAIL 197. Cultivated. Seed.
459890. IRR I 6589. BAZAIL 505. Cultivated. Seed.
459891. IRR I 5379. BEA BALOK LOAS. Cultivated. Seed.
459892. IRR I 5378. BEA REPOT. Cultivated. Seed.
459893. IRR I 5358. BELANAK KESAMBI 198. Cultivated. Seed.

459239 TO 461391-continued

- 459894. IRR I 6658. BELLO. Cultivated. Seed.
- 459895. IRR I 4162. BENGGALA. Cultivated. Seed.
- 459896. IRR I 5134. BENTONBALA B. Cultivated. Seed.
- 459897. IRR I 6190. BENTOUBALA B. Cultivated. Seed.
- 459898. IRR I 605. BERIYA. Cultivated. Seed.
- 459899. IRR I 6407. BHADAS 12-11. Cultivated. Seed.
- 459900. IRR I 6541. BHADOIA 233. Cultivated. Seed.
- 459901. IRR I 6588. BHADOIA 303. Cultivated. Seed.
- 459902. IRR I 6502. BHADOIA 648. Cultivated. Seed.
- 459903. IRR I 6551. BHADOIA 685. Cultivated. Seed.
- 459904. IRR I 6610. BHADOIA 686. Cultivated. Seed.
- 459905. IRR I 6492. BHADOIA 688. Cultivated. Seed.
- 459906. IRR I 624. BHASMANIK. Cultivated. Seed.
- 459907. IRR I 5164. BINATO. Cultivated. Seed.
- 459908. IRR I 586. BINAYABAS. Cultivated. Seed.
- 459909. IRR I 791. BINOLAYANGUN. Cultivated. Seed.
- 459910. IRR I 5170. BINONDOK. Cultivated. Seed.
- 459911. IRR I 5171. BINONTON. Cultivated. Seed.
- 459912. IRR I 4907. BIRADO. Cultivated. Seed.
- 459913. IRR I 6565. BIRAIN 392. Cultivated. Seed.
- 459914. IRR I 6549. BIRAIN 405. Cultivated. Seed.
- 459915. IRR I 6612. BIRAIN 435. Cultivated. Seed.
- 459916. IRR I 6503. BIROIN 539. Cultivated. Seed.
- 459917. IRR I 6654. BK 88/BR 6. Cultivated. Seed.
- 459918. IRR I 7083. BONG MAN. Cultivated. Seed.
- 459919. IRR I 7011. BONG SEN. Cultivated. Seed.

459239 TO 461391-continued

459920. IRRI 7824. BONG THANH. Cultivated. Seed.
459921. IRRI 6071. BONMADEWA C10. Cultivated. Seed.
459922. IRRI 39. BPI 76. Cultivated. Seed.
459923. IRRI 6286. BR 1. Cultivated. Seed.
459924. IRRI 6357. BR 3. Cultivated. Seed.
459925. IRRI 6360. BR 4. Cultivated. Seed.
459926. IRRI 5172. BULAK NAGA. Cultivated. Seed.
459927. IRRI 6070. B 36-8. Cultivated. Seed.
459928. IRRI 6653. C 104. Cultivated. Seed.
459929. IRRI 6789. C 14-8. Cultivated. Seed.
459930. IRRI 6790. C 24-71. Cultivated. Seed.
459931. IRRI 6795. C 31-13. Cultivated. Seed.
459932. IRRI 6792. C 34-1. Cultivated. Seed.
459933. IRRI 6787. C 34-14. Cultivated. Seed.
459934. IRRI 6786. C 46-15. Cultivated. Seed.
459935. IRRI 296. C 74. Cultivated. Seed.
459936. IRRI 793. CABULAND. Cultivated. Seed.
459937. IRRI 7109. CADUNG CHUM. Cultivated. Seed.
459938. IRRI 7152. CADUNG GOCONG BLOCK. Cultivated. Seed.
459939. IRRI 7133. CADUNG KET. Cultivated. Seed.
459940. IRRI 7056. CADUNG KET SOM. Cultivated. Seed.
459941. IRRI 7136. CADUNG PHEN. Cultivated. Seed.
459942. IRRI 4930. CADUNG PHEN R 92. Cultivated. Seed.
459943. IRRI 7197. CADUNG SA 70-1728. Cultivated. Seed.
459944. IRRI 7149. CADUNG TRANG. Cultivated. Seed.
459945. IRRI 7249. CADUNG TRANG POP. Cultivated. Seed.

459239 TO 461391-continued

- 459946. IRRI 7166. CADUNG TRANG POP. Cultivated. Seed.
- 459947. IRRI 222. CALAY. Cultivated. Seed.
- 459948. IRRI 5178. CANILANGCA. Cultivated. Seed.
- 459949. IRRI 9341. CANO. Cultivated. Seed.
- 459950. IRRI 7065. CAO CO. Cultivated. Seed.
- 459951. IRRI 564. CAPIDI. Cultivated. Seed.
- 459952. IRRI 819. CARISISI. Cultivated. Seed.
- 459953. IRRI 5993. CARREON. Cultivated. Seed.
- 459954. IRRI 5176. CASUNGSONG. Cultivated. Seed.
- 459955. IRRI 7222. CATETO DOMADO. Cultivated. Seed.
- 459956. IRRI 5179. CAWAG. Cultivated. Seed.
- 459957. IRRI 8891. CC 1(W763). Cultivated. Seed.
- 459958. IRRI 6317. CHAI MEI. Cultivated. Seed.
- 459959. IRRI 7063. CHAMPASORN. Cultivated. Seed.
- 459960. IRRI 7250. CHANG ENG KHUM. Cultivated. Seed.
- 459961. IRRI 5944. CHANGVA PROEUM K 112. Cultivated. Seed.
- 459962. IRRI 4928. CHANKONG KRAS. Cultivated. Seed.
- 459963. IRRI 7122. CHANTAS PHLOUK. Cultivated. Seed.
- 459964. IRRI 7073. CHAU BA IN. Cultivated. Seed.
- 459965. IRRI 6699. CHETUA. Cultivated. Seed.
- 459966. IRRI 7552. CHHMAR PROM. Cultivated. Seed.
- 459967. IRRI 1409. CHIAO PA TAO CHI SHI YAN TL. Cultivated. Seed.
- 459968. IRRI 582. CHINA A. Cultivated. Seed.
- 459969. IRRI 6700. CHINA PATNA. Cultivated. Seed.
- 459970. IRRI 6155. CHINA PATNA. Cultivated. Seed.
- 459971. IRRI 7547. CHINCHERICA. Cultivated. Seed.

459239 TO 461391-continued

- 459972. IRRI 6288. CHINSURAH 2. Cultivated. Seed.
- 459973. IRRI 6150. CHINSURAH 3. Cultivated. Seed.
- 459974. IRRI 70. CHINSURAH 3. Cultivated. Seed.
- 459975. IRRI 69. CHINSURAH 35. Cultivated. Seed.
- 459976. IRRI 7674. CHO KAI. Cultivated. Seed.
- 459977. IRRI 7070. CHOPA. Cultivated. Seed.
- 459978. IRRI 1035. CHOH CHANG CHIU HAO. Cultivated. Seed.
- 459979. IRRI 1033. CHOH CHANG SAN HAO. Cultivated. Seed.
- 459980. IRRI 6838. CM 7-6. Cultivated. Seed.
- 459981. IRRI 6102. CO 12. Cultivated. Seed.
- 459982. IRRI 6104. CO 14. Cultivated. Seed.
- 459983. IRRI 6331. CO 18. Cultivated. Seed.
- 459984. IRRI 5905. CO 19. Cultivated. Seed.
- 459985. IRRI 8883. CO 20. Cultivated. Seed.
- 459986. IRRI 6396. CO 21. Cultivated. Seed.
- 459987. IRRI 6400. CO 22. Cultivated. Seed.
- 459988. IRRI 235. CO 29. Cultivated. Seed.
- 459989. IRRI 6164. CO 3. Cultivated. Seed.
- 459990. IRRI 6090. CO 8. Cultivated. Seed.
- 459991. IRRI 6662. COLOMBO. Cultivated. Seed.
- 459992. IRRI 817. CONSEJALA. Cultivated. Seed.
- 459993. IRRI 5108. COPANG GADANI. Cultivated. Seed.
- 459994. IRRI 6323. CPY 19. Cultivated. Seed.
- 459995. IRRI 9809. CR 2001. Cultivated. Seed.
- 459996. IRRI 6212. CROSS 116. Cultivated. Seed.
- 459997. IRRI 807. CRUZ. Cultivated. Seed.

459239 TO 461391-continued

459998. IRR I 8708. CTG 1212. Cultivated. Seed.
459999. IRR I 8699. CTG 1634. Cultivated. Seed.
460000. IRR I 8678. CTG 408. Cultivated. Seed.
460001. IRR I 8682. CTG 534. Cultivated. Seed.
460002. IRR I 8684. CTG 690. Cultivated. Seed.
460003. IRR I 4938. D 110. Cultivated. Seed.
460004. IRR I 9507. D 31. Cultivated. Seed.
460005. IRR I 6199. D 52/37. Cultivated. Seed.
460006. IRR I 5858. DA 1. Cultivated. Seed.
460007. IRR I 5852. DA 19. Cultivated. Seed.
460008. IRR I 5853. DA 21. Cultivated. Seed.
460009. IRR I 6253. DAHANALA 37 YM 2014. Cultivated. Seed.
460010. IRR I 6849. DAMNOEUP VENG. Cultivated. Seed.
460011. IRR I 6690. DANGUI BRANCO. Cultivated. Seed.
460012. IRR I 8649. DD 100. Cultivated. Seed.
460013. IRR I 8653. DD 106. Cultivated. Seed.
460014. IRR I 8658. DD 114. Cultivated. Seed.
460015. IRR I 8662. DD 120. Cultivated. Seed.
460016. IRR I 113. DEE GEO MEAN DON. Cultivated. Seed.
460017. IRR I 8953. DEVAREDOI. Cultivated. Seed.
460018. IRR I 6119. DEWAREDDER I 26081. Cultivated. Seed.
460019. IRR I 3674. DHAKE 206. Cultivated. Seed.
460020. IRR I 6580. DHOLAMON 219/6. Cultivated. Seed.
460021. IRR I 6617. DHOLAMON 51/1. Cultivated. Seed.
460022. IRR I 6596. DHOLAMON 64/3. Cultivated. Seed.
460023. IRR I 6509. DHOLAMON 664. Cultivated. Seed.

459239 TO 461391-continued

- 460024. IRRI 6204. DHOLASAITHA (DA 32). Cultivated. Seed.
- 460025. IRRI 6084. DIDIA 165. Cultivated. Seed.
- 460026. IRRI 6667. DIDYUEM. Cultivated. Seed.
- 460027. IRRI 9762. DIHULA 3. Cultivated. Seed.
- 460028. IRRI 9777. DIHULA 4. Cultivated. Seed.
- 460029. IRRI 7814. DIKWEE. Cultivated. Seed.
- 460030. IRRI 5186. DINALAGANG SAN JOSE. Cultivated. Seed.
- 460031. IRRI 568. DINISPIRAS. Cultivated. Seed.
- 460032. IRRI 6095. DISSI N 14. Cultivated. Seed.
- 460033. IRRI 6191. DISSI N 14. Cultivated. Seed.
- 460034. IRRI 6188. DISSI S 290. Cultivated. Seed.
- 460035. IRRI 5135. DISSI S 290. Cultivated. Seed.
- 460036. IRRI 8510. DJ 13. Cultivated. Seed.
- 460037. IRRI 8503. DJ 32. Cultivated. Seed.
- 460038. IRRI 8499. DJ 44. Cultivated. Seed.
- 460039. IRRI 8496. DJ 50. Cultivated. Seed.
- 460040. IRRI 8489. DJ 61. Cultivated. Seed.
- 460041. IRRI 8485. DJ 65. Cultivated. Seed.
- 460042. IRRI 8482. DJ 69. Cultivated. Seed.
- 460043. IRRI 8474. DJ 83. Cultivated. Seed.
- 460044. IRRI 8477. DJ 87. Cultivated. Seed.
- 460045. IRRI 8511. DJ 9. Cultivated. Seed.
- 460046. IRRI 8465. DJ 99. Cultivated. Seed.
- 460047. IRRI 8590. DL 1. Cultivated. Seed.
- 460048. IRRI 8759. DM 17. Cultivated. Seed.
- 460049. IRRI 8735. DM 53. Cultivated. Seed.

459239 TO 461391-continued

- 460050. IRR I 8777. DM 57. Cultivated. Seed.
- 460051. IRR I 8784. DM 68. Cultivated. Seed.
- 460052. IRR I 8453. DNJ 101. Cultivated. Seed.
- 460053. IRR I 8419. DNJ 156/A. Cultivated. Seed.
- 460054. IRR I 8415. DNJ 166. Cultivated. Seed.
- 460055. IRR I 8410. DNJ 174. Cultivated. Seed.
- 460056. IRR I 8408. DNJ 177. Cultivated. Seed.
- 460057. IRR I 8385. DNJ 43. Cultivated. Seed.
- 460058. IRR I 7242. DOC PHUNG B. Cultivated. Seed.
- 460059. IRR I 6193. DOC PHUNG LUN. Cultivated. Seed.
- 460060. IRR I 5868. DOC PHUNG LUN A R 16. Cultivated. Seed.
- 460061. IRR I 5869. DOC PHUNG R37. Cultivated. Seed.
- 460062. IRR I 7099. DOC SAU. Cultivated. Seed.
- 460063. IRR I 7900. DOUTAMANO. Cultivated. Seed.
- 460064. IRR I 8603. DP 6. Cultivated. Seed.
- 460065. IRR I 6625. DUDLAK1 185. Cultivated. Seed.
- 460066. IRR I 8859. DV 119. Cultivated. Seed.
- 460067. IRR I 8869. DV 138. Cultivated. Seed.
- 460068. IRR I 8873. DV 146. Cultivated. Seed.
- 460069. IRR I 8821. DV 37. Cultivated. Seed.
- 460070. IRR I 8825. DV 43. Cultivated. Seed.
- 460071. IRR I 8547. DZ 105. Cultivated. Seed.
- 460072. IRR I 8545. DZ 114. Cultivated. Seed.
- 460073. IRR I 8539. DZ 133. Cultivated. Seed.
- 460074. IRR I 8536. DZ 152. Cultivated. Seed.
- 460075. IRR I 8532. DZ 156. Cultivated. Seed.

459239 TO 461391-continued

- 460076. IRRI 8530. DZ 160. Cultivated. Seed.
- 460077. IRRI 8529. DZ 161. Cultivated. Seed.
- 460078. IRRI 8528. DZ 162. Cultivated. Seed.
- 460079. IRRI 8524. DZ 170. Cultivated. Seed.
- 460080. IRRI 8521. DZ 176. Cultivated. Seed.
- 460081. IRRI 8560. DZ 53. Cultivated. Seed.
- 460082. IRRI 8551. DZ 96. Cultivated. Seed.
- 460083. IRRI 9774. EARLY PATARKA. Cultivated. Seed.
- 460084. IRRI 6196. EBANDIOUL. Cultivated. Seed.
- 460085. IRRI 6094. EBANDIOUL. Cultivated. Seed.
- 460086. IRRI 4923. ECOMBOUKA. Cultivated. Seed.
- 460087. IRRI 6111. ELON ELON. Cultivated. Seed.
- 460088. IRRI 5193. ELON ELON. Cultivated. Seed.
- 460089. IRRI 786. EMARANANG. Cultivated. Seed.
- 460090. IRRI 6073. EMATA AMAGYI A26-3. Cultivated. Seed.
- 460091. IRRI 6249. EMATA YIN A31-12. Cultivated. Seed.
- 460092. IRRI 785. EHMANG. Cultivated. Seed.
- 460093. IRRI 5866. EN CHAM NOL P 306. Cultivated. Seed.
- 460094. IRRI 5254. EURIAN. Cultivated. Seed.
- 460095. IRRI 5330. FADJAR. Cultivated. Seed.
- 460096. IRRI 5833. FAYA. Cultivated. Seed.
- 460097. IRRI 4913. FAYA. Cultivated. Seed.
- 460098. IRRI 5261. FB 102. Cultivated. Seed.
- 460099. IRRI 56. FB 120. Cultivated. Seed.
- 460100. IRRI 5263. FB 123. Cultivated. Seed.
- 460101. IRRI 57. FB 24. Cultivated. Seed.

459239 TO 461391-continued

- 460102. IRR I 5462. FB 26. Cultivated. Seed.
- 460103. IRR I 5465. FB 37. Cultivated. Seed.
- 460104. IRR I 5463. FB 50. Cultivated. Seed.
- 460105. IRR I 297. FB 76A. Cultivated. Seed.
- 460106. IRR I 48. FB 86. Cultivated. Seed.
- 460107. IRR I 55. FK 165. Cultivated. Seed.
- 460108. IRR I 706. FK 170. Cultivated. Seed.
- 460109. IRR I 298. FK 178A. Cultivated. Seed.
- 460110. IRR I 299. FK 178B. Cultivated. Seed.
- 460111. IRR I 7904. FODEA. Cultivated. Seed.
- 460112. IRR I 464. FUKU BOZU. Cultivated. Seed.
- 460113. IRR I 7664. FUKUYUKI. Cultivated. Seed.
- 460114. IRR I 6609. FULKARI 368. Cultivated. Seed.
- 460115. IRR I 6598. FULKARI 390. Cultivated. Seed.
- 460116. IRR I 6518. FULKARI 653. Cultivated. Seed.
- 460117. IRR I 5464. FW 182. Cultivated. Seed.
- 460118. IRR I 4793. G QUA SHUN. Cultivated. Seed.
- 460119. IRR I 7269. GAEN MA GAWK. Cultivated. Seed.
- 460120. IRR I 840. GAM PAI 30-12-18. Cultivated. Seed.
- 460121. IRR I 867. GAM PAI 30-12-28. Cultivated. Seed.
- 460122. IRR I 5131. GAMBIAKA SEBELA. Cultivated. Seed.
- 460123. IRR I 7057. GAN DA SOM. Cultivated. Seed.
- 460124. IRR I 5475. GANTANG. Cultivated. Seed.
- 460125. IRR I 9232. BAOK 3. Cultivated. Seed.
- 460126. IRR I 5877. GI. Cultivated. Seed.
- 460127. IRR I 6236. GIAU CAO 89 B. Cultivated. Seed.

459239 TO 461391-continued

- 460128. IRRI 7009. GIAU TRANG ND. Cultivated. Seed.
- 460129. IRRI 6234. GIONG CHIEM 351. Cultivated. Seed.
- 460130. IRRI 7743. GIRES. Cultivated. Seed.
- 460131. IRRI 878. GOW RUANG 17-2-106. Cultivated. Seed.
- 460132. IRRI 875. GOW RUANG 17-2-88. Cultivated. Seed.
- 460133. IRRI 6587. GOWAI 131/35. Cultivated. Seed.
- 460134. IRRI 6493. GOWAI 50/9. Cultivated. Seed.
- 460135. IRRI 5994. GUINANGANG. Cultivated. Seed.
- 460136. IRRI 5119. GUINAYANGANG. Cultivated. Seed.
- 460137. IRRI 158. H 105. Cultivated. Seed.
- 460138. IRRI 9510. H 501. Cultivated. Seed.
- 460139. IRRI 784. HABAYANON. Cultivated. Seed.
- 460140. IRRI 4776. HAE TUA THOU. Cultivated. Seed.
- 460141. IRRI 26. HAJI HAROUN. Cultivated. Seed.
- 460142. IRRI 7386. HAKATO RIKOU. Cultivated. Seed.
- 460143. IRRI 7818. HAMTANG P 260. Cultivated. Seed.
- 460144. IRRI 1410. HANG MU CHIN CHUNG. Cultivated. Seed.
- 460145. IRRI 7730. HATHIEL. Cultivated. Seed.
- 460146. IRRI 6364. HBJ AMAN V. Cultivated. Seed.
- 460147. IRRI 5898. HBJ AMAN V. Cultivated. Seed.
- 460148. IRRI 6421. HBJ BORO VI. Cultivated. Seed.
- 460149. IRRI 7940. HBJ 1. Cultivated. Seed.
- 460150. IRRI 6639. HD 12. Cultivated. Seed.
- 460151. IRRI 6640. HD 17. Cultivated. Seed.
- 460152. IRRI 6641. HD 18. Cultivated. Seed.
- 460153. IRRI 6642. HD 19. Cultivated. Seed.

459239 TO 461391-continued

- 460154. IRRI 6643. HD 20. Cultivated. Seed.
- 460155. IRRI 6644. HD 21. Cultivated. Seed.
- 460156. IRRI 6645. HD 23. Cultivated. Seed.
- 460157. IRRI 6646. HD 24. Cultivated. Seed.
- 460158. IRRI 6648. HD 26. Cultivated. Seed.
- 460159. IRRI 6649. HD 27. Cultivated. Seed.
- 460160. IRRI 6650. HD 28. Cultivated. Seed.
- 460161. IRRI 8965. HEENATI. Cultivated. Seed.
- 460162. IRRI 7878. HEENATI 310. Cultivated. Seed.
- 460163. IRRI 8942. HEENBALAWEE. Cultivated. Seed.
- 460164. IRRI 7705. HEENWEE. Cultivated. Seed.
- 460165. IRRI 7708. HERAS. Cultivated. Seed.
- 460166. IRRI 7751. HEZAK. Cultivated. Seed.
- 460167. IRRI 5955. HIN TRANG. Cultivated. Seed.
- 460168. IRRI 4142. HNANWA PHINGAUK. Cultivated. Seed.
- 460169. IRRI 5859. HNANWA PHINGAUK A26-2. Cultivated. Seed.
- 460170. IRRI 7903. HNAWA PHINGAUK A36-3. Cultivated. Seed.
- 460171. IRRI 1043. HO YI TIAO. Cultivated. Seed.
- 460172. IRRI 9217. HONENWASE. Cultivated. Seed.
- 460173. IRRI 7134. HONG XOI. Cultivated. Seed.
- 460174. IRRI 7135. HONG XOI B. Cultivated. Seed.
- 460175. IRRI 5942. HONG XOI B R 31. Cultivated. Seed.
- 460176. IRRI 9043. HONVENUO. Cultivated. Seed.
- 460177. IRRI 7008. HOP (SONTAY). Cultivated. Seed.
- 460178. IRRI 7749. HORANA MAWEE. Cultivated. Seed.
- 460179. IRRI 8918. HORANAMAWEE. Cultivated. Seed.

459239 TO 461391-continued

- 460180. IRRI 653. HR 100. Cultivated. Seed.
- 460181. IRRI 640. HR 103. Cultivated. Seed.
- 460182. IRRI 4900. HR 12. Cultivated. Seed.
- 460183. IRRI 713. HR 35. Cultivated. Seed.
- 460184. IRRI 301. HR 38. Cultivated. Seed.
- 460185. IRRI 6395. HR 5. Cultivated. Seed.
- 460186. IRRI 6333. HS 12. Cultivated. Seed.
- 460187. IRRI 5911. HS 35. Cultivated. Seed.
- 460188. IRRI 6172. HS 38. Cultivated. Seed.
- 460189. IRRI 6328. HS 47. Cultivated. Seed.
- 460190. IRRI 1378. HSIEN SHAN TIEN SWEI 1. Cultivated. Seed.
- 460191. IRRI 7245. HUE KY BD. Cultivated. Seed.
- 460192. IRRI 9785. I GEO GEN. Cultivated. Seed.
- 460193. IRRI 7290. I LI CHUNG. Cultivated. Seed.
- 460194. IRRI 6627. IACA BRANCO. Cultivated. Seed.
- 460195. IRRI 7124. IGNAP 9. Cultivated. Seed.
- 460196. IRRI 7338. IGUAPE CATETO 30. Cultivated. Seed.
- 460197. IRRI 9725. IM 67. Cultivated. Seed.
- 460198. IRRI 5199. INANG TANDA. Cultivated. Seed.
- 460199. IRRI 751. INANG ABUTAN. Cultivated. Seed.
- 460200. IRRI 820. INASLUNA. Cultivated. Seed.
- 460201. IRRI 4910. INDIA PA LIL 46. Cultivated. Seed.
- 460202. IRRI 4225. INDJIN. Cultivated. Seed.
- 460203. IRRI 7852. INDOCHINE A. Cultivated. Seed.
- 460204. IRRI 9047. INGUMALLINGON. Cultivated. Seed.
- 460205. IRRI 5448. INOMAY. Cultivated. Seed.

459239 TO 461391-continued

460206. IRR I 6142. J 7. Cultivated. Seed.
460207. IRR I 6305. JADDU 1061. Cultivated. Seed.
460208. IRR I 7796. JAMPADA. Cultivated. Seed.
460209. IRR I 852. JAO HAWM 32-18-161. Cultivated. Seed.
460210. IRR I 6707. JAPANESE. Cultivated. Seed.
460211. IRR I 6708. JAVA. Cultivated. Seed.
460212. IRR I 9838. JBS 1172. Cultivated. Seed.
460213. IRR I 9845. JBS 38. Cultivated. Seed.
460214. IRR I 9841. JBS 524. Cultivated. Seed.
460215. IRR I 9750. JBS 754. Cultivated. Seed.
460216. IRR I 9091. JC 1. Cultivated. Seed.
460217. IRR I 9097. JC 10. Cultivated. Seed.
460218. IRR I 9184. JC 103. Cultivated. Seed.
460219. IRR I 9183. JC 107. Cultivated. Seed.
460220. IRR I 9182. JC 110. Cultivated. Seed.
460221. IRR I 9181. JC 114. Cultivated. Seed.
460222. IRR I 9180. JC 116. Cultivated. Seed.
460223. IRR I 9178. JC 120. Cultivated. Seed.
460224. IRR I 9188. JC 124. Cultivated. Seed.
460225. IRR I 9064. JC 125. Cultivated. Seed.
460226. IRR I 9065. JC 126. Cultivated. Seed.
460227. IRR I 9066. JC 128. Cultivated. Seed.
460228. IRR I 9067. JC 129. Cultivated. Seed.
460229. IRR I 9158. JC 13. Cultivated. Seed.
460230. IRR I 9187. JC 130. Cultivated. Seed.
460231. IRR I 9205. JC 133. Cultivated. Seed.

459239 TO 461391-continued

460232. IRRI 9192. JC 139. Cultivated. Seed.
460233. IRRI 9099. JC 14. Cultivated. Seed.
460234. IRRI 9069. JC 148. Cultivated. Seed.
460235. IRRI 9204. JC 155. Cultivated. Seed.
460236. IRRI 9202. JC 156. Cultivated. Seed.
460237. IRRI 9074. JC 157. Cultivated. Seed.
460238. IRRI 9157. JC 16. Cultivated. Seed.
460239. IRRI 9194. JC 165. Cultivated. Seed.
460240. IRRI 9075. JC 167. Cultivated. Seed.
460241. IRRI 9076. JC 170. Cultivated. Seed.
460242. IRRI 9077. JC 174. Cultivated. Seed.
460243. IRRI 9078. JC 175. Cultivated. Seed.
460244. IRRI 9079. JC 176. Cultivated. Seed.
460245. IRRI 9052. JC 18. Cultivated. Seed.
460246. IRRI 9053. JC 19. Cultivated. Seed.
460247. IRRI 9083. JC 190. Cultivated. Seed.
460248. IRRI 9058. JC 89. Cultivated. Seed.
460249. IRRI 9084. JC 195. Cultivated. Seed.
460250. IRRI 9201. JC 199. Cultivated. Seed.
460251. IRRI 9193. JC 201. Cultivated. Seed.
460252. IRRI 9198. JC 202. Cultivated. Seed.
460253. IRRI 9195. JC 211. Cultivated. Seed.
460254. IRRI 9088. JC 214. Cultivated. Seed.
460255. IRRI 9089. JC 216. Cultivated. Seed.
460256. IRRI 9090. JC 217. Cultivated. Seed.
460257. IRRI 9092. JC 220. Cultivated. Seed.

459239 TO 461391-continued

460258. IRR I 9155. JC 23. Cultivated. Seed.
460259. IRR I 9154. JC 24. Cultivated. Seed.
460260. IRR I 9100. JC 26. Cultivated. Seed.
460261. IRR I 9101. JC 28. Cultivated. Seed.
460262. IRR I 9162. JC 3. Cultivated. Seed.
460263. IRR I 9153. JC 30. Cultivated. Seed.
460264. IRR I 9102. JC 32. Cultivated. Seed.
460265. IRR I 9104. JC 36. Cultivated. Seed.
460266. IRR I 9161. JC 4. Cultivated. Seed.
460267. IRR I 9152. JC 41. Cultivated. Seed.
460268. IRR I 9150. JC 43. Cultivated. Seed.
460269. IRR I 9107. JC 45. Cultivated. Seed.
460270. IRR I 9106. JC 46. Cultivated. Seed.
460271. IRR I 9108. JC 49. Cultivated. Seed.
460272. IRR I 9109. JC 50. Cultivated. Seed.
460273. IRR I 9110. JC 53. Cultivated. Seed.
460274. IRR I 9160. JC 6. Cultivated. Seed.
460275. IRR I 9112. JC 63. Cultivated. Seed.
460276. IRR I 9111. JC 66. Cultivated. Seed.
460277. IRR I 9113. JC 68. Cultivated. Seed.
460278. IRR I 9094. JC 73-3. Cultivated. Seed.
460279. IRR I 9166. JC 80. Cultivated. Seed.
460280. IRR I 9165. JC 81. Cultivated. Seed.
460281. IRR I 9054. JC 82. Cultivated. Seed.
460282. IRR I 9055. JC 84. Cultivated. Seed.
460283. IRR I 9185. JC 85. Cultivated. Seed.

459239 TO 461391-continued

460284. IRR I 9056. JC 86. Cultivated. Seed.
460285. IRR I 9057. JC 88. Cultivated. Seed.
460286. IRR I 9058. JC 89. Cultivated. Seed.
460287. IRR I 9149. JC 90. Cultivated. Seed.
460288. IRR I 9177. JC 91. Cultivated. Seed.
460289. IRR I 9176. JC 92. Cultivated. Seed.
460290. IRR I 9175. JC 93. Cultivated. Seed.
460291. IRR I 9173. JC 96. Cultivated. Seed.
460292. IRR I 9159. JC 97. Cultivated. Seed.
460293. IRR I 9172. JC 98. Cultivated. Seed.
460294. IRR I 6152. JHINGASAIL DACCA 15. Cultivated. Seed.
460295. IRR I 9023. JHONA 6053. Cultivated. Seed.
460296. IRR I 6697. JINWA. Cultivated. Seed.
460297. IRR I 6560. JOALBHANGA 499. Cultivated. Seed.
460298. IRR I 3709. JUPPA FROM POKHARA. Cultivated. Seed.
460299. IRR I 9164. JW 102. Cultivated. Seed.
460300. IRR I 9117. JW 40. Cultivated. Seed.
460301. IRR I 9118. JW 42. Cultivated. Seed.
460302. IRR I 9120. JW 44. Cultivated. Seed.
460303. IRR I 9121. JW 47. Cultivated. Seed.
460304. IRR I 9142. JW 51. Cultivated. Seed.
460305. IRR I 9140. JW 59. Cultivated. Seed.
460306. IRR I 9123. JW 60. Cultivated. Seed.
460307. IRR I 9139. JW 66. Cultivated. Seed.
460308. IRR I 9124. JW 71. Cultivated. Seed.
460309. IRR I 9136. JW 99. Cultivated. Seed.

459239 TO 461391-continued

- 460310. IRRI 6282. K 226. Cultivated. Seed.
- 460311. IRRI 6652. K 3-56. Cultivated. Seed.
- 460312. IRRI 6284. K 42. Cultivated. Seed.
- 460313. IRRI 6285. K 540. Cultivated. Seed.
- 460314. IRRI 6406. KADA 68-1. Cultivated. Seed.
- 460315. IRRI 5832. KADIN THANG P 106. Cultivated. Seed.
- 460316. IRRI 6195. KADING THANG. Cultivated. Seed.
- 460317. IRRI 7691. KAHEI. Cultivated. Seed.
- 460318. IRRI 7859. KAILUNDO. Cultivated. Seed.
- 460319. IRRI 6527. KALIMEKRI 77/5. Cultivated. Seed.
- 460320. IRRI 7869. KALAGALE C 48-2. Cultivated. Seed.
- 460321. IRRI 5860. KALAGYI D 15. Cultivated. Seed.
- 460322. IRRI 6581. KALAMON 223. Cultivated. Seed.
- 460323. IRRI 6515. KALAMON 74. Cultivated. Seed.
- 460324. IRRI 6594. KALIMEKRI 391. Cultivated. Seed.
- 460325. IRRI 6677. KALOKI. Cultivated. Seed.
- 460326. IRRI 7702. KALUBALA VEE. Cultivated. Seed.
- 460327. IRRI 6247. KALUHEENATI 39 YM 3254. Cultivated. Seed.
- 460328. IRRI 7735. KALUHEENATI. Cultivated. Seed.
- 460329. IRRI 7755. KALUKANTHA. Cultivated. Seed.
- 460330. IRRI 8905. KALUKARAYAL. Cultivated. Seed.
- 460331. IRRI 7750. KALUKEENATI. Cultivated. Seed.
- 460332. IRRI 8971. KALUWEE. Cultivated. Seed.
- 460333. IRRI 8898. KALUWEE. Cultivated. Seed.
- 460334. IRRI 380. KAMOJA MALANDY. Cultivated. Seed.
- 460335. IRRI 9768. KANAKJI. Cultivated. Seed.

459239 TO 461391-continued

- 460336. IRRI 6458. KANDAKAI. Cultivated. Seed.
- 460337. IRRI 7555. KANFOR 13. Cultivated. Seed.
- 460338. IRRI 7556. KANFOR 13 S1. Cultivated. Seed.
- 460339. IRRI 107. KAOHSIUNG TA LI CHIN YU. Cultivated. Seed.
- 460340. IRRI 93. KAOHSIUNG 22. Cultivated. Seed.
- 460341. IRRI 8911. KARAYAL. Cultivated. Seed.
- 460342. IRRI 6702. KARIA. Cultivated. Seed.
- 460343. IRRI 8904. KATHARAMANA. Cultivated. Seed.
- 460344. IRRI 7744. KATHARAMANA. Cultivated. Seed.
- 460345. IRRI 7712. KATHURUMUNGA. Cultivated. Seed.
- 460346. IRRI 5844. KAUN KAEK P 2C1. Cultivated. Seed.
- 460347. IRRI 4915. KAV 12. Cultivated. Seed.
- 460348. IRRI 7927. KAYANGYA D 402. Cultivated. Seed.
- 460349. IRRI 6689. KENDAL PEQUENO. Cultivated. Seed.
- 460350. IRRI 9224. KENTJANA. Cultivated. Seed.
- 460351. IRRI 6137. KENTJANA 2183. Cultivated. Seed.
- 460352. IRRI 7227. KESORN 4416 D. Cultivated. Seed.
- 460353. IRRI 4226. KETAN POETIH. Cultivated. Seed.
- 460354. IRRI 6125. KETAN SERANG 1200. Cultivated. Seed.
- 460355. IRRI 6605. KHAMA 380. Cultivated. Seed.
- 460356. IRRI 6578. KHAMA 49/2. Cultivated. Seed.
- 460357. IRRI 6110. KHAO BAI SRI. Cultivated. Seed.
- 460358. IRRI 858. KHAO NAM KAHNG 82. Cultivated. Seed.
- 460359. IRRI 7872. KHAO PAHK GRA BANK. Cultivated. Seed.
- 460360. IRRI 853. KHAO SETTI 182. Cultivated. Seed.
- 460361. IRRI 4916. KHAO TOD LAWNG. Cultivated. Seed.

459239 TO 461391-continued

- 460362. IRRI 7069. KHAO TOT LONG. Cultivated. Seed.
- 460363. IRRI 5861. KHAYANGYA D 34-181. Cultivated. Seed.
- 460364. IRRI 7737. KHOMBILA. Cultivated. Seed.
- 460365. IRRI 4837. KIAN SE 3613 THOU. Cultivated. Seed.
- 460366. IRRI 6698. DIHULA. Cultivated. Seed.
- 460367. IRRI 732. LAMPONG. Cultivated. Seed.
- 460368. IRRI 4218. LANTJANG. Cultivated. Seed.
- 460369. IRRI 9408. LARGUS. Cultivated. Seed.
- 460370. IRRI 4803. LATISAIL. Cultivated. Seed.
- 460371. IRRI 6176. LATISAIL DACCA 17. Cultivated. Seed.
- 460372. IRRI 5402. LERI. Cultivated. Seed.
- 460373. IRRI 169. LEUANG AWN 29. Cultivated. Seed.
- 460374. IRRI 171. LEUANG RAHAENG 8. Cultivated. Seed.
- 460375. IRRI 651. LEUANG YAI 344. Cultivated. Seed.
- 460376. IRRI 7870. LEUNG MEA MAI. Cultivated. Seed.
- 460377. IRRI 6491. LINDI SAFARI. Cultivated. Seed.
- 460378. IRRI 121. LIU CHOW. Cultivated. Seed.
- 460379. IRRI 4729. LIU HO BA Z SHUN. Cultivated. Seed.
- 460380. IRRI 7094. LUA GAO. Cultivated. Seed.
- 460381. IRRI 7012. LUA HEO. Cultivated. Seed.
- 460382. IRRI 7169. LUA MEN. Cultivated. Seed.
- 460383. IRRI 7068. LUA SAU. Cultivated. Seed.
- 460384. IRRI 7150. LUA SOI. Cultivated. Seed.
- 460385. IRRI 5956. LUA UOI R 87. Cultivated. Seed.
- 460386. IRRI 7193. LUA VOI. Cultivated. Seed.
- 460387. IRRI 7125. LUENG ON 13. Cultivated. Seed.

459239 TO 461391-continued

460388. IRR I 7826. LUNG YU 1804. Cultivated. Seed.
460389. IRR I 6279. M 161. Cultivated. Seed.
460390. IRR I 7833. M 302 X MAS 24 1900. Cultivated. Seed.
460391. IRR I 755. M SUNGSONG. Cultivated. Seed.
460392. IRR I 7264. MAC CU 3 TI. Cultivated. Seed.
460393. IRR I 5225. MACAN. Cultivated. Seed.
460394. IRR I 5212. MACAN SAPAC. Cultivated. Seed.
460395. IRR I 7722. MADAEL. Cultivated. Seed.
460396. IRR I 7727. MADAEL. Cultivated. Seed.
460397. IRR I 8979. MADAELL. Cultivated. Seed.
460398. IRR I 709. MADRID. Cultivated. Seed.
460399. IRR I 818. MAGACA. Cultivated. Seed.
460400. IRR I 572. MAGINDANAO. Cultivated. Seed.
460401. IRR I 9464. MAGKASAR. Cultivated. Seed.
460402. IRR I 7739. MAHAKURUWEE. Cultivated. Seed.
460403. IRR I 8899. MAHARATAWEE. Cultivated. Seed.
460404. IRR I 6087. MAKALIOKA 34. Cultivated. Seed.
460405. IRR I 6086. MAKALIOKA 787. Cultivated. Seed.
460406. IRR I 376. MAKALIOKA. Cultivated. Seed.
460407. IRR I 9647. MAKALIOKA 823. Cultivated. Seed.
460408. IRR I 606. MAKAPILAY PUSA 8. Cultivated. Seed.
460409. IRR I 5820. MALI THONG. Cultivated. Seed.
460410. IRR I 6398. MALIO 611. Cultivated. Seed.
460411. IRR I 6631. MALO MONE. Cultivated. Seed.
460412. IRR I 600. KINAMAY. Cultivated. Seed.
460413. IRR I 5996. KINANDANG PUTI. Cultivated. Seed.

459239 TO 461391-continued

460414. IRRI 4847. KINGMEN TOUMEN WU CHI. Cultivated. Seed.
460415. IRRI 5467. KIPUSA. Cultivated. Seed.
460416. IRRI 7706. KIRINARAN. Cultivated. Seed.
460417. IRRI 7694. KOGANE NISHIKI. Cultivated. Seed.
460418. IRRI 7248. KONG MARETH 4 T1. Cultivated. Seed.
460419. IRRI 6201. KONO TANA. Cultivated. Seed.
460420. IRRI 5919. KONTOR. Cultivated. Seed.
460421. IRRI 7879. KONUWAI. Cultivated. Seed.
460422. IRRI 5285. KORASISI. Cultivated. Seed.
460423. IRRI 8927. KOSATTAWEE. Cultivated. Seed.
460424. IRRI 9262. KOSHIJIWASE. Cultivated. Seed.
460425. IRRI 7754. KOTANAVALU. Cultivated. Seed.
460426. IRRI 7842. KOTHMALLI KARUPPAN. Cultivated. Seed.
460427. IRRI 8983. KOTTUVELLAI. Cultivated. Seed.
460428. IRRI 7255. KRACHAK CHAP KRAHAM. Cultivated. Seed.
460429. IRRI 7130. KRACHAK CHROUK. Cultivated. Seed.
460430. IRRI 9764. KRACHAK CHROUK. Cultivated. Seed.
460431. IRRI 6414. KUK CHAI. Cultivated. Seed.
460432. IRRI 7729. KURUBALAWEE. Cultivated. Seed.
460433. IRRI 7731. KURUHONDARAWALA. Cultivated. Seed.
460434. IRRI 8994. KURUWI PERUNEL. Cultivated. Seed.
460435. IRRI 9846. KUTUNG. Cultivated. Seed.
460436. IRRI 266. KX 5. Cultivated. Seed.
460437. IRRI 4144. KYANKPYU. Cultivated. Seed.
460438. IRRI 5927. KYAUKPYU A27-4. Cultivated. Seed.
460439. IRRI 5865. KYETTUYWE B30-12. Cultivated. Seed.

459239 TO 461391-continued

460440. IRRI 276. K12C 53. Cultivated. Seed.
460441. IRRI 271. K8C 505-1-1. Cultivated. Seed.
460442. IRRI 4220. LADANG. Cultivated. Seed.
460443. IRRI 771. LAGODA. Cultivated. Seed.
460444. IRRI 6695. LAKHARWA. Cultivated. Seed.
460445. IRRI 6553. LAKI 192. Cultivated. Seed.
460446. IRRI 6572. LAKI 34/2. Cultivated. Seed.
460447. IRRI 6576. LAKI 383. Cultivated. Seed.
460448. IRRI 6528. LAKI 544. Cultivated. Seed.
460449. IRRI 6506. LAKI 550. Cultivated. Seed.
460450. IRRI 6622. LAKI 659. Cultivated. Seed.
460451. IRRI 6554. LAKI 720. Cultivated. Seed.
460452. IRRI 7871. LAL. Cultivated. Seed.
460453. IRRI 6280. LAL NAKANDA 41. Cultivated. Seed.
460454. IRRI 9776. LALKA. Cultivated. Seed.
460455. IRRI 6442. LAMBAYEQUE 1. Cultivated. Seed.
460456. IRRI 5227. MALYOK. Cultivated. Seed.
460457. IRRI 7788. MANALWARI. Cultivated. Seed.
460458. IRRI 4196. MANDI. Cultivated. Seed.
460459. IRRI 7898. MANIFINGO. Cultivated. Seed.
460460. IRRI 5218. MARABITUIN. Cultivated. Seed.
460461. IRRI 4197. MARAJA. Cultivated. Seed.
460462. IRRI 7784. MARONKOI. Cultivated. Seed.
460463. IRRI 7847. MAS 2401. Cultivated. Seed.
460464. IRRI 7902. MASKATY 1315. Cultivated. Seed.
460465. IRRI 6278. MASKATY 1315. Cultivated. Seed.

459239 TO 461391-continued

- 460466. IRRI 6548. MATIAMON 44. Cultivated. Seed.
- 460467. IRRI 6592. MATIAMON 53/13. Cultivated. Seed.
- 460468. IRRI 6516. MATIAMON 63/2. Cultivated. Seed.
- 460469. IRRI 7889. MATINI. Cultivated. Seed.
- 460470. IRRI 28. MAYTANG EBOS 80. Cultivated. Seed.
- 460471. IRRI 5903. MAYANG SAGUMPAL. Cultivated. Seed.
- 460472. IRRI 5491. MEAN DOWN. Cultivated. Seed.
- 460473. IRRI 9789. MEAN DOWN CHIEN. Cultivated. Seed.
- 460474. IRRI 9821. MEHI BASHIRAZ. Cultivated. Seed.
- 460475. IRRI 6651. MELI 2. Cultivated. Seed.
- 460476. IRRI 7846. MEREKE CAMEROON. Cultivated. Seed.
- 460477. IRRI 7853. MEREKE EX GBEMBO. Cultivated. Seed.
- 460478. IRRI 6367. MGL 1. Cultivated. Seed.
- 460479. IRRI 6218. MGL 2. Cultivated. Seed.
- 460480. IRRI 7670. MI MASARI. Cultivated. Seed.
- 460481. IRRI 9638. MIFB 253-2. Cultivated. Seed.
- 460482. IRRI 9636. MIFB 318-2. Cultivated. Seed.
- 460483. IRRI 13. MILEK KUNING. Cultivated. Seed.
- 460484. IRRI 306. MILPAL 4. Cultivated. Seed.
- 460485. IRRI 6353. MO 1. Cultivated. Seed.
- 460486. IRRI 609. MODBOD NGA BUSAG. Cultivated. Seed.
- 460487. IRRI 6114. MOLAGASAMBA G 18. Cultivated. Seed.
- 460488. IRRI 7863. MON TAY TRANG BR 11. Cultivated. Seed.
- 460489. IRRI 7102. MONG TAY TRUNG 643-1728. Cultivated. Seed.
- 460490. IRRI 4178. MONTJA. Cultivated. Seed.
- 460491. IRRI 4161. MONTJA NAQ. Cultivated. Seed.

459239 TO 461391-continued

- 460492. IRR I 7726. MOOTHUKIRIEL. Cultivated. Seed.
- 460493. IRR I 590. MORADO PILIT. Cultivated. Seed.
- 460494. IRR I 5904. MORAK SEPILAI. Cultivated. Seed.
- 460495. IRR I 6100. MOTKA. Cultivated. Seed.
- 460496. IRR I 6703. MOTKA. Cultivated. Seed.
- 460497. IRR I 6712. MOTKA BANDALA. Cultivated. Seed.
- 460498. IRR I 4145. MOWTIKE. Cultivated. Seed.
- 460499. IRR I 645. MTU 10. Cultivated. Seed.
- 460500. IRR I 6157. MTU 10. Cultivated. Seed.
- 460501. IRR I 649. MTU 13. Cultivated. Seed.
- 460502. IRR I 233. MTU 15. Cultivated. Seed.
- 460503. IRR I 6365. MTU 15. Cultivated. Seed.
- 460504. IRR I 6161. MTU 19. Cultivated. Seed.
- 460505. IRR I 670. MTU 20. Cultivated. Seed.
- 460506. IRR I 675. MTU 21. Cultivated. Seed.
- 460507. IRR I 6332. MTU 3. Cultivated. Seed.
- 460508. IRR I 6404. MTU 4. Cultivated. Seed.
- 460509. IRR I 634. MTU 5. Cultivated. Seed.
- 460510. IRR I 616. MTU 7. Cultivated. Seed.
- 460511. IRR I 6031. MTU 8. Cultivated. Seed.
- 460512. IRR I 4903. MTU 1. Cultivated. Seed.
- 460513. IRR I 1052. MEI JEN HSIEN. Cultivated. Seed.
- 460514. IRR I 7892. MUA 201. Cultivated. Seed.
- 460515. IRR I 8980. MUDKUKIRIEL. Cultivated. Seed.
- 460516. IRR I 862. MUEY NAWNG 62 M. Cultivated. Seed.
- 460517. IRR I 9001. MUKALAWEE. Cultivated. Seed.

459239 TO 461391-continued

- 460518. IRRI 6374. MULIA 012. Cultivated. Seed.
- 460519. IRRI 6604. MURIAL 680/3. Cultivated. Seed.
- 460520. IRRI 8955. MURUNGAKAYAN. Cultivated. Seed.
- 460521. IRRI 8960. MUTHUMANIKAM. Cultivated. Seed.
- 460522. IRRI 8946. MUTHUSAMBA. Cultivated. Seed.
- 460523. IRRI 6717. MUTMURIA. Cultivated. Seed.
- 460524. IRRI 5935. MWESWE A29-212. Cultivated. Seed.
- 460525. IRRI 362. M4 2. Cultivated. Seed.
- 460526. IRRI 364. M5 42. Cultivated. Seed.
- 460527. IRRI 584. NAGKAYAT. Cultivated. Seed.
- 460528. IRRI 6181. NAGRA 41-14 CHINSURAH 5. Cultivated. Seed.
- 460529. IRRI 7268. NAHNG SAWN. Cultivated. Seed.
- 460530. IRRI 866. NAHNG SAWN 29-14-55. Cultivated. Seed.
- 460531. IRRI 7695. NAKASENGOKU. Cultivated. Seed.
- 460532. IRRI 7901. NALLU MOLLI KARUPPAN. Cultivated. Seed.
- 460533. IRRI 8993. NALUMOLAI KARUPAN. Cultivated. Seed.
- 460534. IRRI 884. NAM DAWK MAI 1-6-216. Cultivated. Seed.
- 460535. IRRI 7304. NAN TEO 14. Cultivated. Seed.
- 460536. IRRI 7747. NANDUHEENA TI. Cultivated. Seed.
- 460537. IRRI 7058. NANG BANG SOM. Cultivated. Seed.
- 460538. IRRI 7049. NANG CO TRANG. Cultivated. Seed.
- 460539. IRRI 7079. NANG DAY. Cultivated. Seed.
- 460540. IRRI 208. NANG ECH. Cultivated. Seed.
- 460541. IRRI 7071. NANG HUY. Cultivated. Seed.
- 460542. IRRI 7053. NANG KEO CHA. Cultivated. Seed.
- 460543. IRRI 7088. NANG KEO DC. Cultivated. Seed.

459239 TO 461391-continued

- 460544. IRRI 5957. NANG KEO R138. Cultivated. Seed.
- 460545. IRRI 7112. NANG LE TANUP. Cultivated. Seed.
- 460546. IRRI 7202. NANG LINH. Cultivated. Seed.
- 460547. IRRI 7110. NANG MAU. Cultivated. Seed.
- 460548. IRRI 7077. NANG NGUOC DEN. Cultivated. Seed.
- 460549. IRRI 7051. NANG NGUOT TRANG. Cultivated. Seed.
- 460550. IRRI 7243. NANG PHET DUM. Cultivated. Seed.
- 460551. IRRI 7142. NANG PHET MUON. Cultivated. Seed.
- 460552. IRRI 7080. NANG QUOT GIAI. Cultivated. Seed.
- 460553. IRRI 5839. NANG QUOT R 59. Cultivated. Seed.
- 460554. IRRI 5871. NANG TANEE K106. Cultivated. Seed.
- 460555. IRRI 54. NANG THAY. Cultivated. Seed.
- 460556. IRRI 7067. NANG THUOC. Cultivated. Seed.
- 460557. IRRI 202. NANG TRA. Cultivated. Seed.
- 460558. IRRI 1017. NARB WHITE RICE. Cultivated. Seed.
- 460559. IRRI 5929. NATURAL HYBRID C33-8. Cultivated. Seed.
- 460560. IRRI 7279. NAWN. Cultivated. Seed.
- 460561. IRRI 7844. NEANG CHAMPA. Cultivated. Seed.
- 460562. IRRI 4934. NEANG CHOK. Cultivated. Seed.
- 460563. IRRI 7127. NEANG KRECH. Cultivated. Seed.
- 460564. IRRI 5937. NEANG MINH 4416 K107. Cultivated. Seed.
- 460565. IRRI 7811. NEANG NARY. Cultivated. Seed.
- 460566. IRRI 7055. NEANG STONG. Cultivated. Seed.
- 460567. IRRI 5846. NEANG VENG P 187. Cultivated. Seed.
- 460568. IRRI 9283. NEO DUNGHAN 1. Cultivated. Seed.
- 460569. IRRI 7089. NEP MO GIA DINH. Cultivated. Seed.

459239 TO 461391-continued

- 460570. IRR I 7095. NEP MU U. Cultivated. Seed.
- 460571. IRR I 7106. NEP RUDI. Cultivated. Seed.
- 460572. IRR I 5952. NEP TRUNG VIT G 5. Cultivated. Seed.
- 460573. IRR I 7267. NGAH CHAHNG. Cultivated. Seed.
- 460574. IRR I 5862. NGASEIN C30-24. Cultivated. Seed.
- 460575. IRR I 5931. NGASEIN C30-28. Cultivated. Seed.
- 460576. IRR I 4147. NGASEIN C30-28. Cultivated. Seed.
- 460577. IRR I 5885. NGASEIN THIDAT C24-102. Cultivated. Seed.
- 460578. IRR I 5886. NGATHALUN CWR 10/9. Cultivated. Seed.
- 460579. IRR I 5932. NGAYUNWA T8. Cultivated. Seed.
- 460580. IRR I 5884. NGAYUNWABO T33-119. Cultivated. Seed.
- 460581. IRR I 7017. NHON. Cultivated. Seed.
- 460582. IRR I 192. NHTA 11. Cultivated. Seed.
- 460583. IRR I 5496. NIAO YAO. Cultivated. Seed.
- 460584. IRR I 857. NIAW SAN PAHTAWNG. Cultivated. Seed.
- 460585. IRR I 7939. NICKERI. Cultivated. Seed.
- 460586. IRR I 7883. NILEK KUNING 3. Cultivated. Seed.
- 460587. IRR I 58. NORILON STR 340. Cultivated. Seed.
- 460588. IRR I 7919. MTU 9. Cultivated. Seed.
- 460589. IRR I 9006. NYEBRE. Cultivated. Seed.
- 460590. IRR I 9765. N Z RICE. Cultivated. Seed.
- 460591. IRR I 7813. OKSHIT MAYIN. Cultivated. Seed.
- 460592. IRR I 9261. OMIRT 324. Cultivated. Seed.
- 460593. IRR I 9713. ONG KER 17. Cultivated. Seed.
- 460594. IRR I 711. ORPEL. Cultivated. Seed.
- 460595. IRR I 731. ORTOC. Cultivated. Seed.

459239 TO 461391-continued

460596. IRRI 9209. P TINYAGEW QUDAQAS LADQUK. Cultivated. Seed.
460597. IRRI 9208. P TUPEN QUDQAS PARNI T. Cultivated. Seed.
460598. IRRI 608. PACITA. Cultivated. Seed.
460599. IRRI 9147. PADI BOENAR. Cultivated. Seed.
460600. IRRI 8164. PAGAN TINAWON DAN GIPUGCN QIMPUHA. Cultivated. Seed.
460601. IRRI 774. PAGAY TAGALONG. Cultivated. Seed.
460602. IRRI 1066. PAI CHAN TSI. Cultivated. Seed.
460603. IRRI 1087. PAI PI TA TAO. Cultivated. Seed.
460604. IRRI 860. PAL 62-38-84. Cultivated. Seed.
460605. IRRI 9375. PALLAGI 9. Cultivated. Seed.
460606. IRRI 6839. PALMAN 46. Cultivated. Seed.
460607. IRRI 610. PANGASINAN. Cultivated. Seed.
460608. IRRI 8912. PANNETI. Cultivated. Seed.
460609. IRRI 8937. PANNETTI. Cultivated. Seed.
460610. IRRI 6276. PANWEL 61. Cultivated. Seed.
460611. IRRI 4447. PANYE RO SER HUAN. Cultivated. Seed.
460612. IRRI 9219. PARE PANDJANG. Cultivated. Seed.
460613. IRRI 4932. PARN A 191. Cultivated. Seed.
460614. IRRI 6692. PATNI SALCETE BRANCO. Cultivated. Seed.
460615. IRRI 6680. PATNI 6. Cultivated. Seed.
460616. IRRI 7413. PC AGRICANO. Cultivated. Seed.
460617. IRRI 6257. PE BI HUN. Cultivated. Seed.
460618. IRRI 6413. PEKKALI. Cultivated. Seed.
460619. IRRI 8988. PERIAVELLAI. Cultivated. Seed.
460620. IRRI 6117. PERILLANEL 26014. Cultivated. Seed.
460621. IRRI 9042. PERISA. Cultivated. Seed.

459239 TO 461391-continued

- 460622. IRR I 8992. PERIYAVELLAI. Cultivated. Seed.
- 460623. IRR I 5867. PEY KEO E 53. Cultivated. Seed.
- 460624. IRR I 5949. PEY KEO P 129. Cultivated. Seed.
- 460625. IRR I 7168. PHCAR THOT NOT. Cultivated. Seed.
- 460626. IRR I 6415. PHUANG NGERN. Cultivated. Seed.
- 460627. IRR I 569. PINAMUONGAN. Cultivated. Seed.
- 460628. IRR I 5922. PINDAUNG EMATA A 16-34. Cultivated. Seed.
- 460629. IRR I 5923. PINDOSEIN A 29-20. Cultivated. Seed.
- 460630. IRR I 7231. PINKAEOW. Cultivated. Seed.
- 460631. IRR I 7719. PODIHATATHA. Cultivated. Seed.
- 460632. IRR I 8193. POENOET HITAM. Cultivated. Seed.
- 460633. IRR I 8948. POKKALI. Cultivated. Seed.
- 460634. IRR I 5169. PROVINCIAL. Cultivated. Seed.
- 460635. IRR I 7937. PRATAO. Cultivated. Seed.
- 460636. IRR I 153. PTB 16. Cultivated. Seed.
- 460637. IRR I 6397. PTB 1. Cultivated. Seed.
- 460638. IRR I 6289. PTB 11. Cultivated. Seed.
- 460639. IRR I 5900. PTB 12. Cultivated. Seed.
- 460640. IRR I 6405. PTB 13. Cultivated. Seed.
- 460641. IRR I 6375. PTB 14. Cultivated. Seed.
- 460642. IRR I 6215. PTB 2. Cultivated. Seed.
- 460643. IRR I 6113. PTB 21. Cultivated. Seed.
- 460644. IRR I 6408. PTB 22. Cultivated. Seed.
- 460645. IRR I 6434. PTB 29. Cultivated. Seed.
- 460646. IRR I 6217. PTB 32. Cultivated. Seed.
- 460647. IRR I 6299. PTB 5. Cultivated. Seed.

459239 TO 461391-continued

- 460648. IRRI 6354. PUANG NGEON. Cultivated. Seed.
- 460649. IRRI 7559. PUANG NGEON. Cultivated. Seed.
- 460650. IRRI 7123. PUANG SAMRIT 341. Cultivated. Seed.
- 460651. IRRI 7640. PULUT NANGKA. Cultivated. Seed.
- 460652. IRRI 7816. PUNASA KONOMANI. Cultivated. Seed.
- 460653. IRRI 9525. QUARANTATRE. Cultivated. Seed.
- 460654. IRRI 7829. QUINDOUN. Cultivated. Seed.
- 460655. IRRI 6205. R 10. Cultivated. Seed.
- 460656. IRRI 6171. R 1273. Cultivated. Seed.
- 460657. IRRI 6211. R 2 NUNGI 17. Cultivated. Seed.
- 460658. IRRI 5760. R 3-1. Cultivated. Seed.
- 460659. IRRI 5848. R 7 AJAN. Cultivated. Seed.
- 460660. IRRI 307. RA 2. Cultivated. Seed.
- 460661. IRRI 10. RADIN CHINA 4. Cultivated. Seed.
- 460662. IRRI 17. RADIN KLING. Cultivated. Seed.
- 460663. IRRI 618. RADIO. Cultivated. Seed.
- 460664. IRRI 6701. RAM BHOG. Cultivated. Seed.
- 460665. IRRI 6705. RAM CAJARA. Cultivated. Seed.
- 460666. IRRI 5888. RAM CAJARA. Cultivated. Seed.
- 460667. IRRI 7518. RAMEJI. Cultivated. Seed.
- 460668. IRRI 9000. RATAWEE. Cultivated. Seed.
- 460669. IRRI 8920. RATAWEE. Cultivated. Seed.
- 460670. IRRI 7707. RATHANDIRAN. Cultivated. Seed.
- 460671. IRRI 8913. RATHKUNDA. Cultivated. Seed.
- 460672. IRRI 8952. RATHUWEE. Cultivated. Seed.
- 460673. IRRI 6829. RATUA 81. Cultivated. Seed.

459239 TO 461391-continued

- 460674. IRRI 6076. RDR 4. Cultivated. Seed.
- 460675. IRRI 4905. RDR 4. Cultivated. Seed.
- 460676. IRRI 6256. RDR 7. Cultivated. Seed.
- 460677. IRRI 6266. RED HALGA 244. Cultivated. Seed.
- 460678. IRRI 679. REMADJA. Cultivated. Seed.
- 460679. IRRI 7668. RIKUTO HA TAKOGANE NOCHI. Cultivated. Seed.
- 460680. IRRI 502. RIKUTO SHINRIKI I. Cultivated. Seed.
- 460681. IRRI 9280. RONCAROLO. Cultivated. Seed.
- 460682. IRRI 7126. ROS SUCON 129. Cultivated. Seed.
- 460683. IRRI 312. RP 41. Cultivated. Seed.
- 460684. IRRI 313. RPA 3. Cultivated. Seed.
- 460685. IRRI 315. RPP 49. Cultivated. Seed.
- 460686. IRRI 6159. RUPSAIL 859 CHINSURAH 13. Cultivated. Seed.
- 460687. IRRI 68. S 1092. Cultivated. Seed.
- 460688. IRRI 6177. S 126. Cultivated. Seed.
- 460689. IRRI 8896. S 624 AC 398. Cultivated. Seed.
- 460690. IRRI 7558. SA MO RAN. Cultivated. Seed.
- 460691. IRRI 800. SAIGOROT. Cultivated. Seed.
- 460692. IRRI 7787. SAM SIN KUK. Cultivated. Seed.
- 460693. IRRI 7746. SAMBA. Cultivated. Seed.
- 460694. IRRI 4935. SAMBEGUERY. Cultivated. Seed.
- 460695. IRRI 7229. SAMBOK ANGKRANG. Cultivated. Seed.
- 460696. IRRI 6998. SAMO. Cultivated. Seed.
- 460697. IRRI 7254. SAN DA. Cultivated. Seed.
- 460698. IRRI 1038. SAN SHIH TSI. Cultivated. Seed.
- 460699. IRRI 5845. SAR PHLOUK P 11. Cultivated. Seed.

459239 TO 461391-continued

- 460700. IRR I 9763. SARAYA. Cultivated. Seed.
- 460701. IRR I 7561. SARDEUM. Cultivated. Seed.
- 460702. IRR I 848. SAWY KHING 20-6-36. Cultivated. Seed.
- 460703. IRR I 6170. SC 412-56. Cultivated. Seed.
- 460704. IRR I 4204. SERAJAE. Cultivated. Seed.
- 460705. IRR I 8995. SERALLIE. Cultivated. Seed.
- 460706. IRR I 5346. SERATUS HARI T/36. Cultivated. Seed.
- 460707. IRR I 5245. SERAUP BESAR. Cultivated. Seed.
- 460708. IRR I 6727. SERENDAH KUNING 60. Cultivated. Seed.
- 460709. IRR I 8990. SERUVELLAI. Cultivated. Seed.
- 460710. IRR I 5936. SHANNYEINYIN C 24-71. Cultivated. Seed.
- 460711. IRR I 7667. SHIN SETSU. Cultivated. Seed.
- 460712. IRR I 7762. SHINANO MOCHI 3. Cultivated. Seed.
- 460713. IRR I 5737. SI ROSAKI. Cultivated. Seed.
- 460714. IRR I 115. SIAM. Cultivated. Seed.
- 460715. IRR I 5915. SIAM 29. Cultivated. Seed.
- 460716. IRR I 6093. SIKASSO B. Cultivated. Seed.
- 460717. IRR I 6194. SIKASSO B. Cultivated. Seed.
- 460718. IRR I 6092. SIKASSO H. Cultivated. Seed.
- 460719. IRR I 951. SINDANO. Cultivated. Seed.
- 460720. IRR I 5241. SINIBRING. Cultivated. Seed.
- 460721. IRR I 6368. SINNANAYAN 38 YM 2208. Cultivated. Seed.
- 460722. IRR I 6691. SITTI CANACONA. Cultivated. Seed.
- 460723. IRR I 8987. SIVAPOO. Cultivated. Seed.
- 460724. IRR I 5339. SKRIVIMANKOTI. Cultivated. Seed.
- 460725. IRR I 643. SLO 10. Cultivated. Seed.

459239 TO 461391-continued

- 460726. IRR I 641. SLO 14. Cultivated. Seed.
- 460727. IRR I 62. SLO 15. Cultivated. Seed.
- 460728. IRR I 5843. SNGUON THANG P 204. Cultivated. Seed.
- 460729. IRR I 209. SOC NAU. Cultivated. Seed.
- 460730. IRR I 5948. SOC NAU R 42. Cultivated. Seed.
- 460731. IRR I 7244. SOC RANG. Cultivated. Seed.
- 460732. IRR I 587. SOLADONG. Cultivated. Seed.
- 460733. IRR I 7725. SOOTHURUWEE. Cultivated. Seed.
- 460734. IRR I 6672. SORTI BASTORA. Cultivated. Seed.
- 460735. IRR I 6192. SOSSOKA. Cultivated. Seed.
- 460736. IRR I 7850. SOSSOKA OULE. Cultivated. Seed.
- 460737. IRR I 5908. SR 26B. Cultivated. Seed.
- 460738. IRR I 6480. C/746 AFPA MWANZA. Cultivated. Seed.
- 460739. IRR I 1063. SU CHAN TSAO KU. Cultivated. Seed.
- 460740. IRR I 8949. SUDAMADULUWA. Cultivated. Seed.
- 460741. IRR I 8926. SUDHUWEE. Cultivated. Seed.
- 460742. IRR I 6481. 1/104 AFAP MWANZA. Cultivated. Seed.
- 460743. IRR I 8917. SUDUWEE. Cultivated. Seed.
- 460744. IRR I 8972. SUDUWEE. Cultivated. Seed.
- 460745. IRR I 6483. 1/159 AFPA MWANZA. Cultivated. Seed.
- 460746. IRR I 6485. 1/196 AFPA KILOMBERO. Cultivated. Seed.
- 460747. IRR I 6694. SUJI. Cultivated. Seed.
- 460748. IRR I 4231. SUKANANDI. Cultivated. Seed.
- 460749. IRR I 6258. SUKHVEL 20. Cultivated. Seed.
- 460750. IRR I 9381. SZANISZLO 5. Cultivated. Seed.
- 460751. IRR I 1014. SZE MIN Y4269. Cultivated. Seed.

459239 TO 461391-continued

- 460752. IRRI 7300. SZU MIAO. Cultivated. Seed.
- 460753. IRRI 66. T 1242. Cultivated. Seed.
- 460754. IRRI 64. T 141. Cultivated. Seed.
- 460755. IRRI 6410. T 17. Cultivated. Seed.
- 460756. IRRI 7797. T 1860. Cultivated. Seed.
- 460757. IRRI 9833. T 4. Cultivated. Seed.
- 460758. IRRI 6169. T 812. Cultivated. Seed.
- 460759. IRRI 6293. T 9. Cultivated. Seed.
- 460760. IRRI 6167. T 90. Cultivated. Seed.
- 460761. IRRI 1068. TA NAN TIAO TSI. Cultivated. Seed.
- 460762. IRRI 4154. TAANGTEIKPAN. Cultivated. Seed.
- 460763. IRRI 5421. TALON SHORT AWNED. Cultivated. Seed.
- 460764. IRRI 6999. TAM DEN. Cultivated. Seed.
- 460765. IRRI 5960. TAM DEN 516A. Cultivated. Seed.
- 460766. IRRI 7258. TANG NHO. Cultivated. Seed.
- 460767. IRRI 7886. TANGANYIKA 1/8. Cultivated. Seed.
- 460768. IRRI 9491. TAQUARA SEL 931-P-2. Cultivated. Seed.
- 460769. IRRI 7523. TAREHA INE. Cultivated. Seed.
- 460770. IRRI 7194. TAU BAU 1. Cultivated. Seed.
- 460771. IRRI 7090. TAU NGU. Cultivated. Seed.
- 460772. IRRI 7836. TC 65 X NACHIN 57 3/1/1. Cultivated. Seed.
- 460773. IRRI 8204. TD 41. Cultivated. Seed.
- 460774. IRRI 8290. TD 61. Cultivated. Seed.
- 460775. IRRI 9131. TD 77. Cultivated. Seed.
- 460776. IRRI 6166. TETRAPLOID T1767. Cultivated. Seed.
- 460777. IRRI 7711. THAHAMLA. Cultivated. Seed.

459239 TO 461391-continued

- 460778. IRRI 7741. THAHANALA. Cultivated. Seed.
- 460779. IRRI 7718. THAHANALA. Cultivated. Seed.
- 460780. IRRI 8928. THANDUMARAN. Cultivated. Seed.
- 460781. IRRI 8909. THATUWEL. Cultivated. Seed.
- 460782. IRRI 4830. THOU WO 4. Cultivated. Seed.
- 460783. IRRI 5492. TIEN LIE. Cultivated. Seed.
- 460784. IRRI 5329. TJINA. Cultivated. Seed.
- 460785. IRRI 4205. TJINA 417. Cultivated. Seed.
- 460786. IRRI 7679. TOKUSHIMA BANTO 1. Cultivated. Seed.
- 460787. IRRI 7059. TONG SANG KER. Cultivated. Seed.
- 460788. IRRI 7002. TONGGRAYADEUM. Cultivated. Seed.
- 460789. IRRI 5127. TORIO. Cultivated. Seed.
- 460790. IRRI 326. TP MIL 53. Cultivated. Seed.
- 460791. IRRI 9637. TPBSK 16-1. Cultivated. Seed.
- 460792. IRRI 7226. TRANDEUP KRASSAING. Cultivated. Seed.
- 460793. IRRI 7111. TRANG CUT L 11. Cultivated. Seed.
- 460794. IRRI 6464. TRES MESES. Cultivated. Seed.
- 460795. IRRI 126. TSAI YUANG CHON. Cultivated. Seed.
- 460796. IRRI 1048. TSAO HSIAO HSIEN. Cultivated. Seed.
- 460797. IRRI 7309. TSAO TSUAN. Cultivated. Seed.
- 460798. IRRI 5478. TSIPALA M. Cultivated. Seed.
- 460799. IRRI 1053. TWAN CHI TSAO. Cultivated. Seed.
- 460800. IRRI 8690. UCP 1. Cultivated. Seed.
- 460801. IRRI 8719. UCP 13. Cultivated. Seed.
- 460802. IRRI 8744. UCP 43. Cultivated. Seed.
- 460803. IRRI 8935. UVARKARUPAN. Cultivated. Seed.

459239 TO 461391-continued

- 460804. IRRI 7815. V 1. Cultivated. Seed.
- 460805. IRRI 5920. VADAKKAN CHITTENI PTB 20. Cultivated. Seed.
- 460806. IRRI 7704. VALIHANDIRAN. Cultivated. Seed.
- 460807. IRRI 7736. VALIHANTHIRAN. Cultivated. Seed.
- 460808. IRRI 6269. VARANGAL 487. Cultivated. Seed.
- 460809. IRRI 6391. VARY LAVA 16. Cultivated. Seed.
- 460810. IRRI 7709. VELLAI PERUNELL. Cultivated. Seed.
- 460811. IRRI 8958. VELLAILLANGALAYAN. Cultivated. Seed.
- 460812. IRRI 6319. VELLAIPERUNEL 28724. Cultivated. Seed.
- 460813. IRRI 6330. WAKSAL 207. Cultivated. Seed.
- 460814. IRRI 7785. WARNER 1. Cultivated. Seed.
- 460815. IRRI 6329. WHITE HALGA 1690. Cultivated. Seed.
- 460816. IRRI 6085. WND 2. Cultivated. Seed.
- 460817. IRRI 6318. WONG CHIM. Cultivated. Seed.
- 460818. IRRI 6812. X 51-123. Cultivated. Seed.
- 460819. IRRI 5933. XA97. Cultivated. Seed.
- 460820. IRRI 6670. XIDDI. Cultivated. Seed.
- 460821. IRRI 7060. XIENG MAI T2. Cultivated. Seed.
- 460822. IRRI 6671. XITTO. Cultivated. Seed.
- 460823. IRRI 6165. Y 4. Cultivated. Seed.
- 460824. IRRI 5925. YATHALE LONTHE 825-18. Cultivated. Seed.
- 460825. IRRI 1026. YEH HWA CHAN. Cultivated. Seed.
- 460826. IRRI 1557. YENG SHAN TSUEN JU. Cultivated. Seed.
- 460827. IRRI 5924. YODAYA A35-13. Cultivated. Seed.
- 460828. IRRI 7666. YUKIMACHI. Cultivated. Seed.
- 460829. IRRI 5309. ZEN KOZI. Cultivated. Seed.

459239 TO 461391-continued

- 460830. IRRI 6206. ZINYA 149. Cultivated. Seed.
- 460831. IRRI 9899. NAZIRSAIL. Cultivated. Seed.
- 460832. IRRI 9597. 1-7-4-5. Cultivated. Seed.
- 460833. IRRI 6477. 1/324 INTRODUCTION. Cultivated. Seed.
- 460834. IRRI 6479. 1/34 GANTI. Cultivated. Seed.
- 460835. IRRI 715. 10022. Cultivated. Seed.
- 460836. IRRI 249. 10022. Cultivated. Seed.
- 460837. IRRI 378. 1300. Cultivated. Seed.
- 460838. IRRI 6478. 2/100 DEMERARA CREALE. Cultivated. Seed.
- 460839. IRRI 6476. 2/214 AFAA KILOMBERO. Cultivated. Seed.
- 460840. IRRI 6867. 221/BC IV/I/178/13. Cultivated. Seed.
- 460841. IRRI 6352. 294. Cultivated. Seed.
- 460842. IRRI 6373. 337 A BEGAMI. Cultivated. Seed.
- 460843. IRRI 7115. 36-60. Cultivated. Seed.
- 460844. IRRI 1099. 36/14K ASKAM. Cultivated. Seed.
- 460845. IRRI 6082. 37. Cultivated. Seed.
- 460846. IRRI 7116. 4-60. Cultivated. Seed.
- 460847. IRRI 5891. 498-2A-BR8. Cultivated. Seed.
- 460848. IRRI 859. 569. Cultivated. Seed.
- 460849. IRRI 7272. 57-133-42. Cultivated. Seed.
- 460850. IRRI 7274. 57-32-1. Cultivated. Seed.
- 460851. IRRI 7273. 57-69-74. Cultivated. Seed.
- 460852. IRRI 160. 59-325 (B11 X MAS). Cultivated. Seed.
- 460853. IRRI 165. 59-757 (PANDURIWI X MAS). Cultivated. Seed.
- 460854. IRRI 167. 59-811 (MAS X PTB 16). Cultivated. Seed.
- 460855. IRRI 168. 59-848 (MAS X PTB 16). Cultivated. Seed.

459239 TO 461391-continued

- 460856. IRRI 844. 696. Cultivated. Seed.
- 460857. IRRI 7991. 82. Cultivated. Seed.
- 460858. IRRI 4797. 91399. Cultivated. Seed.
- 460859. IRRI 6348. 958. Cultivated. Seed.
- 460860. IRRI 9630. 59. Cultivated. Seed.
- 460861. IRRI 118. TAITUNG WOO TSAN. Cultivated. Seed.
- 460862. IRRI 804. BONSOROY. Cultivated. Seed.
- 460863. IRRI 267. K8C-140-16. Cultivated. Seed.
- 460864. IRRI 291. MILTEX 125. Cultivated. Seed.
- 460865. IRRI 547. MINABRIN 1. Cultivated. Seed.
- 460866. IRRI 581. PILIT MORADO. Cultivated. Seed.
- 460867. IRRI 588. TINAYABAS A. Cultivated. Seed.
- 460868. IRRI 591. BOLAO. Cultivated. Seed.
- 460869. IRRI 630. BAOK. Cultivated. Seed.
- 460870. IRRI 639. BINUKATOT. Cultivated. Seed.
- 460871. IRRI 668. SLO 8. Cultivated. Seed.
- 460872. IRRI 669. HR 67. Cultivated. Seed.
- 460873. IRRI 673. HR 22. Cultivated. Seed.
- 460874. IRRI 696. INTAN. Cultivated. Seed.
- 460875. IRRI 698. SALAK. Cultivated. Seed.
- 460876. IRRI 705. FK 157. Cultivated. Seed.
- 460877. IRRI 721. 6517. Cultivated. Seed.
- 460878. IRRI 726. MTU 4. Cultivated. Seed.
- 460879. IRRI 740. BINASTIAN. Cultivated. Seed.
- 460880. IRRI 741. MASA. Cultivated. Seed.
- 460881. IRRI 750. BUENKETAN. Cultivated. Seed.

459239 TO 461391-continued

- 460882. IRR I 810. BAYUMI. Cultivated. Seed.
- 460883. IRR I 811. SABA. Cultivated. Seed.
- 460884. IRR I 947. MBUYU. Cultivated. Seed.
- 460885. IRR I 954. CHUNG CHANG. Cultivated. Seed.
- 460886. IRR I 993. SHUN GIM. Cultivated. Seed.
- 460887. IRR I 995. PAAK GOOK GNAW. Cultivated. Seed.
- 460888. IRR I 1000. GIN GOO SUN. Cultivated. Seed.
- 460889. IRR I 1004. WOO YIP TO. Cultivated. Seed.
- 460890. IRR I 1019. NAN TE SPECIAL. Cultivated. Seed.
- 460891. IRR I 1237. SAN PAL KU. Cultivated. Seed.
- 460892. IRR I 1256. JH PEN SHIH MING. Cultivated. Seed.
- 460893. IRR I 1262. CHIANG HU CHUAN. Cultivated. Seed.
- 460894. IRR I 1264. YU WEI. Cultivated. Seed.
- 460895. IRR I 1267. TSI PAO KOH KENG. Cultivated. Seed.
- 460896. IRR I 1524. WU TA 11934. Cultivated. Seed.
- 460897. IRR I 1529. HWA YENG TSAO JU. Cultivated. Seed.
- 460898. IRR I 1531. HWA LO HUNG. Cultivated. Seed.
- 460899. IRR I 1579. KU. Cultivated. Seed.
- 460900. IRR I 1592. TUNG HO. Cultivated. Seed.
- 460901. IRR I 1594. 96-50-1. Cultivated. Seed.
- 460902. IRR I 6245. KUNRARI DA 16. Cultivated. Seed.
- 460903. IRR I 1598. 98-45-1. Cultivated. Seed.
- 460904. IRR I 1608. WHITE BALGA 1960. Cultivated. Seed.
- 460905. IRR I 1609. K 540. Cultivated. Seed.
- 460906. IRR I 1610. JEDDU 1061 HUNG MU. Cultivated. Seed.
- 460907. IRR I 1611. Z 31 TSUNG MI. Cultivated. Seed.

459239 TO 461391-continued

- 460908. IRRI 1623. AI YEH LU. Cultivated. Seed.
- 460909. IRRI 1630. CHENG CHANG. Cultivated. Seed.
- 460910. IRRI 1835. C 4-11-14 X BLUEBONNET. Cultivated. Seed.
- 460911. IRRI 2227. OWARI MOCHI. Cultivated. Seed.
- 460912. IRRI 2268. TACHI-KI-TSUME VIKUTO 1. Cultivated. Seed.
- 460913. IRRI 2356. MO WAE DO. Cultivated. Seed.
- 460914. IRRI 2358. MU SUM ZI BOJUSO. Cultivated. Seed.
- 460915. IRRI 2655. SASASHIURE. Cultivated. Seed.
- 460916. IRRI 2797. 12 TAICHU MOCHI 60. Cultivated. Seed.
- 460917. IRRI 3250. COLL. 10695. Cultivated. Seed.
- 460918. IRRI 3394. WANICA. Cultivated. Seed.
- 460919. IRRI 3406. RUBIO. Cultivated. Seed.
- 460920. IRRI 3516. BANSHIU HONEA. Cultivated. Seed.
- 460921. IRRI 3525. KINAI WASE 161. Cultivated. Seed.
- 460922. IRRI 3531. MUROSAKI KOYA BOZU. Cultivated. Seed.
- 460923. IRRI 3534. TOZU BOZU. Cultivated. Seed.
- 460924. IRRI 3567. MOLOK. Cultivated. Seed.
- 460925. IRRI 4074. B55117A26-3-3-2. Cultivated. Seed.
- 460926. IRRI 4095. SIGADIS. Cultivated. Seed.
- 460927. IRRI 4190. BARANDA. Cultivated. Seed.
- 460928. IRRI 4191. BOELO. Cultivated. Seed.
- 460929. IRRI 4194. LASSE. Cultivated. Seed.
- 460930. IRRI 4195. LINOETOENG. Cultivated. Seed.
- 460931. IRRI 4196. MANDI. Cultivated. Seed.
- 460932. IRRI 4200. POELOET OEBAN. Cultivated. Seed.
- 460933. IRRI 4201. POELOET TEBOE BERBOE LOCK. Cultivated. Seed.

459239 TO 461391-continued

- 460934. IRR I 4202. POETIH 2. Cultivated. Seed.
- 460935. IRR I 4203. SAHE. Cultivated. Seed.
- 460936. IRR I 4207. LAND BAUW. Cultivated. Seed.
- 460937. IRR I 4208. PALAK. Cultivated. Seed.
- 460938. IRR I 4209. POELOE POETIH. Cultivated. Seed.
- 460939. IRR I 4211. ASE POELOE BOLONG. Cultivated. Seed.
- 460940. IRR I 4220. LADANG. Cultivated. Seed.
- 460941. IRR I 4224. 2403. Cultivated. Seed.
- 460942. IRR I 4228. BENGAWAN. Cultivated. Seed.
- 460943. IRR I 4230. INTAN. Cultivated. Seed.
- 460944. IRR I 4232. E TA CHWAN. Cultivated. Seed.
- 460945. IRR I 4238. CHI SE TIEN. Cultivated. Seed.
- 460946. IRR I 4289. SAN CHOU CHE 8. Cultivated. Seed.
- 460947. IRR I 4338. BIR GEO TSAN. Cultivated. Seed.
- 460948. IRR I 4339. BIR GOO. Cultivated. Seed.
- 460949. IRR I 4342. PAI SU KU. Cultivated. Seed.
- 460950. IRR I 4345. BIR GOO 32. Cultivated. Seed.
- 460951. IRR I 4353. BIR MUR Z. Cultivated. Seed.
- 460952. IRR I 4354. BIR CE SHOA YEN TSAN. Cultivated. Seed.
- 460953. IRR I 4367. THOU HO 4. Cultivated. Seed.
- 460954. IRR I 4368. THOU HO 4. Cultivated. Seed.
- 460955. IRR I 4369. KONGSI THOU O 1. Cultivated. Seed.
- 460956. IRR I 4380. THOU SHUN GOO. Cultivated. Seed.
- 460957. IRR I 4398. KIAN SI 3613. Cultivated. Seed.
- 460958. IRR I 4399. CHU TSAN CO. Cultivated. Seed.
- 460959. IRR I 4414. SA TSAN 35. Cultivated. Seed.

459239 TO 461391-continued

460960. IRRI 4415. SA TSAN 70. Cultivated. Seed.
460961. IRRI 4416. SHA TIAO TSAO. Cultivated. Seed.
460962. IRRI 4419. QUA 77 WUAN DAU. Cultivated. Seed.
460963. IRRI 4420. QUA 80 WUAN DAU. Cultivated. Seed.
460964. IRRI 4421. QUA ZONE HUAN GEN. Cultivated. Seed.
460965. IRRI 4423. ZE ZONE. Cultivated. Seed.
460966. IRRI 4429. MON Z WUAN. Cultivated. Seed.
460967. IRRI 4438. RO WUAN SHUN. Cultivated. Seed.
460968. IRRI 4439. RO GO SHUN. Cultivated. Seed.
460969. IRRI 4440. ROO HWA BIR. Cultivated. Seed.
460970. IRRI 4445. GIN CHIN THOU. Cultivated. Seed.
460971. IRRI 4449. WU CHIANG TSAO LU HSIEN. Cultivated. Seed.
460972. IRRI 4454. TSOU KOU KCA YAN TSAN. Cultivated. Seed.
460973. IRRI 4463. HWA LO BIR. Cultivated. Seed.
460974. IRRI 4464. HWA CO THOU ZONE HUAN. Cultivated. Seed.
460975. IRRI 4470. MIN CHE CHIN HSU THOU. Cultivated. Seed.
460976. IRRI 4479. HOO PEA SHUN. Cultivated. Seed.
460977. IRRI 4480. E HSIN YAN SHUN. Cultivated. Seed.
460978. IRRI 4536. POO CHAN CHIN LWU THOU. Cultivated. Seed.
460979. IRRI 4542. LIEN CHAN BIR GAN WO MAN. Cultivated. Seed.
460980. IRRI 4554. CHU THOU. Cultivated. Seed.
460981. IRRI 4560. MA LI BIN 1. Cultivated. Seed.
460982. IRRI 4563. MA KON BIR. Cultivated. Seed.
460983. IRRI 4565. FU MEN TSAN. Cultivated. Seed.
460984. IRRI 4574. HEA DOO 4. Cultivated. Seed.
460985. IRRI 4588. MA GOO. Cultivated. Seed.

459239 TO 461391-continued

460986. IRRI 4592. MA SHAN. Cultivated. Seed.
460987. IRRI 4593. DOU U LAN WHITE STEM. Cultivated. Seed.
460988. IRRI 4603. KAOGEO ZO HUAN O. Cultivated. Seed.
460989. IRRI 4604. MEA YA BIR. Cultivated. Seed.
460990. IRRI 4605. KAO SAN BIR. Cultivated. Seed.
460991. IRRI 4607. CHING LEIN TSAO CHI KU. Cultivated. Seed.
460992. IRRI 4609. FU MIEN NUANG. Cultivated. Seed.
460993. IRRI 4610. FU MEN NUANG. Cultivated. Seed.
460994. IRRI 4619. HUAN SEN GOO. Cultivated. Seed.
460995. IRRI 4621. HUAN TSAN GOO. Cultivated. Seed.
460996. IRRI 4623. HUAN GEN. Cultivated. Seed.
460997. IRRI 4628. HUAN I THOU. Cultivated. Seed.
460998. IRRI 4643. DAN SU CHE. Cultivated. Seed.
460999. IRRI 4661. SHU YA TSAN. Cultivated. Seed.
461000. IRRI 4662. SHU YA TSAN CO. Cultivated. Seed.
461001. IRRI 4665. MEAN CHIN TA NIEN THOU. Cultivated. Seed.
461002. IRRI 4667. I GEO LEE. Cultivated. Seed.
461003. IRRI 4669. I GEEN 2. Cultivated. Seed.
461004. IRRI 4670. I Z PU 2. Cultivated. Seed.
461005. IRRI 4671. MEAN HUO THOU SHU. Cultivated. Seed.
461006. IRRI 4681. FUCHEN THOU DAU. Cultivated. Seed.
461007. IRRI 4684. FON MOU SOO. Cultivated. Seed.
461008. IRRI 4690. CHIN CHEN RC MAO. Cultivated. Seed.
461009. IRRI 4691. JIN PO GIN. Cultivated. Seed.
461010. IRRI 4693. GUI HWA LAN. Cultivated. Seed.
461011. IRRI 4694. MI YA TSAN. Cultivated. Seed.

459239 TO 461391-continued

461012. IRRI 4706. CHIN LUN 2. Cultivated. Seed.
461013. IRRI 4707. GIN SUN 2363. Cultivated. Seed.
461014. IRRI 4722. LUN AN SHUN GEEN BIR. Cultivated. Seed.
461015. IRRI 4731. RO TSAN 4. Cultivated. Seed.
461016. IRRI 4732. SO Z ZONE. Cultivated. Seed.
461017. IRRI 4733. SHUAN LOU SHAN GOO. Cultivated. Seed.
461018. IRRI 4742. LOW BIR SHUN. Cultivated. Seed.
461019. IRRI 4744. KUAN YING TSAN 16. Cultivated. Seed.
461020. IRRI 4745. KUAN YING TSAN 18. Cultivated. Seed.
461021. IRRI 4746. KUAN YING TSAN. Cultivated. Seed.
461022. IRRI 4747. SAN SI ZE. Cultivated. Seed.
461023. IRRI 4749. CHE EU HUNG. Cultivated. Seed.
461024. IRRI 4750. CHE EU GOO. Cultivated. Seed.
461025. IRRI 4751. WU R Z. Cultivated. Seed.
461026. IRRI 4753. SHOA BIR GOO. Cultivated. Seed.
461027. IRRI 4757. GAN MI WHITE AWN. Cultivated. Seed.
461028. IRRI 4759. CHU TOU TSON. Cultivated. Seed.
461029. IRRI 4760. THOU 152 46. Cultivated. Seed.
461030. IRRI 4762. THOU YEU TSAN. Cultivated. Seed.
461031. IRRI 4764. THOU BIR. Cultivated. Seed.
461032. IRRI 4765. THOU TA SHUN RED RICE. Cultivated. Seed.
461033. IRRI 4768. BIN DOU LANTSAN. Cultivated. Seed.
461034. IRRI 4769. BIR R TON TSAN. Cultivated. Seed.
461035. IRRI 4771. ZE MA SHUN. Cultivated. Seed.
461036. IRRI 4772. LEE Z HUNG. Cultivated. Seed.
461037. IRRI 4783. TIEH KENG CHING. Cultivated. Seed.

459239 TO 461391-continued

- 461038. IRR I 4791. BAU YUN SHUN. Cultivated. Seed.
- 461039. IRR I 4792. NEN OH. Cultivated. Seed.
- 461040. IRR I 4796. 99220. Cultivated. Seed.
- 461041. IRR I 4801. T 21. Cultivated. Seed.
- 461042. IRR I 4805. BASU MATHED. Cultivated. Seed.
- 461043. IRR I 4806. WELD PALLY. Cultivated. Seed.
- 461044. IRR I 4814. N 27-976. Cultivated. Seed.
- 461045. IRR I 4815. III 16-345. Cultivated. Seed.
- 461046. IRR I 4819. N 22. Cultivated. Seed.
- 461047. IRR I 4821. T 43. Cultivated. Seed.
- 461048. IRR I 4839. RO WUAN SHUN 21-3. Cultivated. Seed.
- 461049. IRR I 4843. KOON EN TSAN 16. Cultivated. Seed.
- 461050. IRR I 4845. MATSU HUANG CHIEN TAO. Cultivated. Seed.
- 461051. IRR I 4849. KINGMEN TOUMEN CHIU MU. Cultivated. Seed.
- 461052. IRR I 4850. KINGMEN TOUMEN CHIU MU RED. Cultivated. Seed.
- 461053. IRR I 4851. CHUNG NUNG YU LI TSAO. Cultivated. Seed.
- 461054. IRR I 4863. TIEH PAN NUO. Cultivated. Seed.
- 461055. IRR I 4864. HSIN HSIN PAI KU HUNG. Cultivated. Seed.
- 461056. IRR I 4867. HSIAO NUO. Cultivated. Seed.
- 461057. IRR I 4868. RASCALAM. Cultivated. Seed.
- 461058. IRR I 4871. FUCHING WEN CHOW. Cultivated. Seed.
- 461059. IRR I 4877. LIEN CHENG LENG SHUI PAI. Cultivated. Seed.
- 461060. IRR I 4880. YUNG AN WAN KU. Cultivated. Seed.
- 461061. IRR I 4881. YUNG AN TSAO YUAN HSIEN HC. Cultivated. Seed.
- 461062. IRR I 4882. CHIN CHAN. Cultivated. Seed.
- 461063. IRR I 4883. LIN SUN KUAI CHAN. Cultivated. Seed.

459239 TO 461391-continued

461064. IRRI 4884. LIN SUN KUAI BAN CHAN. Cultivated. Seed.
461065. IRRI 4886. HSIEN YU NAN PEN. Cultivated. Seed.
461066. IRRI 4887. KAN MI. Cultivated. Seed.
461067. IRRI 4888. SHAO WU WEI CHIA KAI HSIEN PAI. Cultivated. Seed.
461068. IRRI 4890. SI LI KU. Cultivated. Seed.
461069. IRRI 4891. HUAN SHUN. Cultivated. Seed.
461070. IRRI 4894. ASD 8. Cultivated. Seed.
461071. IRRI 4897. CO 13. Cultivated. Seed.
461072. IRRI 4901. HR 19. Cultivated. Seed.
461073. IRRI 4902. JHONA 20. Cultivated. Seed.
461074. IRRI 4905. RDR 7. Cultivated. Seed.
461075. IRRI 4912. MAS 2401. Cultivated. Seed.
461076. IRRI 4926. M 302 X MAS M24. Cultivated. Seed.
461077. IRRI 4952. SAN KIU WU TSUAH. Cultivated. Seed.
461078. IRRI 4953. TUNG WAN PAI. Cultivated. Seed.
461079. IRRI 4954. 2483. Cultivated. Seed.
461080. IRRI 4955. LAI YIP ZIM. Cultivated. Seed.
461081. IRRI 4957. PAYAIPOTOSU. Cultivated. Seed.
461082. IRRI 4958. POHOTSU TAIYARU. Cultivated. Seed.
461083. IRRI 4960. BAC DEAC HUWAN. Cultivated. Seed.
461084. IRRI 4985. MAO TZU TAO. Cultivated. Seed.
461085. IRRI 4986. NO IKU 1694. Cultivated. Seed.
461086. IRRI 4990. KANAN 9. Cultivated. Seed.
461087. IRRI 4992. PAZUMATAMARU. Cultivated. Seed.
461088. IRRI 4993. P 164. Cultivated. Seed.
461089. IRRI 5000. PEHKOHAH KIMKAN. Cultivated. Seed.

459239 TO 461391-continued

461090. IRRI 5004. P 168. Cultivated. Seed.
461091. IRRI 5009. CHIU CHIN HSUNG TIENG. Cultivated. Seed.
461092. IRRI 5010. NO IKU 1764. Cultivated. Seed.
461093. IRRI 5012. HUNG TIENG. Cultivated. Seed.
461094. IRRI 5017. 2454. Cultivated. Seed.
461095. IRRI 5022. IMPROVED BLUE ROSE. Cultivated. Seed.
461096. IRRI 5031. REX X ZENITH (C 50-4054). Cultivated. Seed.
461097. IRRI 5032. B 4310 AL 20-9-20-61. Cultivated. Seed.
461098. IRRI 5035. K BR X ER 41 SEL. Cultivated. Seed.
461099. IRRI 5036. EDITH 105. Cultivated. Seed.
461100. IRRI 5039. TP 49 X REXORO 435. Cultivated. Seed.
461101. IRRI 5040. EP X BR 543 R 313. Cultivated. Seed.
461102. IRRI 5054. R 7 AJAN. Cultivated. Seed.
461103. IRRI 5057. PADDY T 3. Cultivated. Seed.
461104. IRRI 5058. PADDY T 1. Cultivated. Seed.
461105. IRRI 5062. RIKUTO SANIN 32. Cultivated. Seed.
461106. IRRI 5063. 2441. Cultivated. Seed.
461107. IRRI 5064. SHINAHU. Cultivated. Seed.
461108. IRRI 5066. JIN MOK 31. Cultivated. Seed.
461109. IRRI 5067. DU DO 4. Cultivated. Seed.
461110. IRRI 5070. CHOU SUNG. Cultivated. Seed.
461111. IRRI 5073. BMT 53-R-3568. Cultivated. Seed.
461112. IRRI 5075. SHORT GRAIN. Cultivated. Seed.
461113. IRRI 5076. KAO LUANG. Cultivated. Seed.
461114. IRRI 5079. 4065. Cultivated. Seed.
461115. IRRI 5082. PR 430. Cultivated. Seed.

459239 TO 461391-continued

- 461116. IRRI 5086. 4007. Cultivated. Seed.
- 461117. IRRI 5087. BOA VISTA SEL. Cultivated. Seed.
- 461118. IRRI 5088. TEKSICHUT. Cultivated. Seed.
- 461119. IRRI 5090. 4108. Cultivated. Seed.
- 461120. IRRI 5092. 4111. Cultivated. Seed.
- 461121. IRRI 5096. 4078. Cultivated. Seed.
- 461122. IRRI 5100. MANGAZAR. Cultivated. Seed.
- 461123. IRRI 5105. DUMALI. Cultivated. Seed.
- 461124. IRRI 5109. BINARIRE. Cultivated. Seed.
- 461125. IRRI 5111. NAGDAMI. Cultivated. Seed.
- 461126. IRRI 5115. SINABA. Cultivated. Seed.
- 461127. IRRI 5121. KINANDANG NAGPULOT. Cultivated. Seed.
- 461128. IRRI 5124. BULUHAN. Cultivated. Seed.
- 461129. IRRI 5146. ROGOL. Cultivated. Seed.
- 461130. IRRI 5147. KAMAN 13 ORIGINAL. Cultivated. Seed.
- 461131. IRRI 5160. PINILING DANIEL. Cultivated. Seed.
- 461132. IRRI 5163. BICALAWAK 1. Cultivated. Seed.
- 461133. IRRI 5195. GUMONTANG. Cultivated. Seed.
- 461134. IRRI 5206. MAGSINING. Cultivated. Seed.
- 461135. IRRI 5208. BINOLAWAN. Cultivated. Seed.
- 461136. IRRI 5211. MAGSIING. Cultivated. Seed.
- 461137. IRRI 5224. BRONDOL. Cultivated. Seed.
- 461138. IRRI 5244. PINUTIUCAN. Cultivated. Seed.
- 461139. IRRI 5245. SERAUP BESAR. Cultivated. Seed.
- 461140. IRRI 5253. ZIONGZO. Cultivated. Seed.
- 461141. IRRI 5262. FB 118-1. Cultivated. Seed.

459239 TO 461391-continued

- 461142. IRRI 5270. (TAICHO 65 X QUEZON) X QUEZON PL 16. Cultivated. Seed.
- 461143. IRRI 5318. HASSEKI. Cultivated. Seed.
- 461144. IRRI 5327. 108E/40. Cultivated. Seed.
- 461145. IRRI 5370. LONGONG. Cultivated. Seed.
- 461146. IRRI 5371. DJALAWARA. Cultivated. Seed.
- 461147. IRRI 5373. GENDJAH RATJI. Cultivated. Seed.
- 461148. IRRI 5374. MAJOR. Cultivated. Seed.
- 461149. IRRI 5375. LAPANG. Cultivated. Seed.
- 461150. IRRI 5376. GENDJAH KLEFON. Cultivated. Seed.
- 461151. IRRI 5378. BEA REPOT. Cultivated. Seed.
- 461152. IRRI 5379. BEA BALOK LOAS. Cultivated. Seed.
- 461153. IRRI 5380. DENDEK BOKAH. Cultivated. Seed.
- 461154. IRRI 5381. LOAS GEDEH. Cultivated. Seed.
- 461155. IRRI 5382. MAUNI. Cultivated. Seed.
- 461156. IRRI 5413. JAPPENI TUNKUNGO. Cultivated. Seed.
- 461157. IRRI 5414. RT 1006. Cultivated. Seed.
- 461158. IRRI 5426. TWALIBON. Cultivated. Seed.
- 461159. IRRI 5428. KUMAYAT. Cultivated. Seed.
- 461160. IRRI 5434. C-45-2 X FORTUNA 2-125-54. Cultivated. Seed.
- 461161. IRRI 5445. C-45-2 X FORTUNA 2-15-75. Cultivated. Seed.
- 461162. IRRI 5477. ALI COMBO. Cultivated. Seed.
- 461163. IRRI 5479. KALILA 50. Cultivated. Seed.
- 461164. IRRI 5492. TIEN LIE. Cultivated. Seed.
- 461165. IRRI 5495. BIR CO. Cultivated. Seed.
- 461166. IRRI 5547. LUAN TAO PAI. Cultivated. Seed.
- 461167. IRRI 5554. P 162. Cultivated. Seed.

459239 TO 461391-continued

461168. IRRI 5557. PEHBI KINKAN. Cultivated. Seed.
461169. IRRI 5576. CIN PAO YEN. Cultivated. Seed.
461170. IRRI 5579. TUNG WANG PAI 18. Cultivated. Seed.
461171. IRRI 5580. MAN TA SHANG CHIN. Cultivated. Seed.
461172. IRRI 5582. CHANG KIU SAN KO TSUSEN JU KU. Cultivated.
Seed.
461173. IRRI 5588. CHANG TA 312 X BINASTIAN. Cultivated. Seed.
461174. IRRI 5589. KUAN CHIN. Cultivated. Seed.
461175. IRRI 5590. PO DI PAAK. Cultivated. Seed.
461176. IRRI 5591. PAIAURU. Cultivated. Seed.
461177. IRRI 5594. SHWAN SHWEI HO. Cultivated. Seed.
461178. IRRI 5595. KEN CHAN. Cultivated. Seed.
461179. IRRI 5605. SAKU. Cultivated. Seed.
461180. IRRI 5611. SHIN SHIN CHAN TAO. Cultivated. Seed.
461181. IRRI 5612. LONG GUAR JIM. Cultivated. Seed.
461182. IRRI 5613. KARANG SERANG. Cultivated. Seed.
461183. IRRI 5620. TI HO. Cultivated. Seed.
461184. IRRI 5627. 3284. Cultivated. Seed.
461185. IRRI 5628. CHANG TA 312 X BINASTIAN. Cultivated. Seed.
461186. IRRI 5629. P 166. Cultivated. Seed.
461187. IRRI 5630. ZUANG ZO 46. Cultivated. Seed.
461188. IRRI 5718. TAISHU 114. Cultivated. Seed.
461189. IRRI 5720. PRECOZ DO MACHIQUES. Cultivated. Seed.
461190. IRRI 5726. RIKUTO TAUKI MOCHI 27. Cultivated. Seed.
461191. IRRI 5727. 8483. Cultivated. Seed.
461192. IRRI 5730. BOA VISTA SEL. Cultivated. Seed.
461193. IRRI 5731. DOURADO. Cultivated. Seed.

459239 TO 461391-continued

- 461194. IRRI 5732. MATAO LIZO. Cultivated. Seed.
- 461195. IRRI 5733. PICO NEGRO. Cultivated. Seed.
- 461196. IRRI 5737. SI ROSAKI. Cultivated. Seed.
- 461197. IRRI 5748. EAS 3. Cultivated. Seed.
- 461198. IRRI 5756. KINATUDAY. Cultivated. Seed.
- 461199. IRRI 5778. S 53-6463. Cultivated. Seed.
- 461200. IRRI 5780. WA CHAN. Cultivated. Seed.
- 461201. IRRI 6447. BASMATI T3. Cultivated. Seed.
- 461202. IRRI 7220. SNET CHEK. Cultivated. Seed.
- 461203. IRRI 7840. MAS 2401. Cultivated. Seed.
- 461204. IRRI 8620. DD 48. Cultivated. Seed.
- 461205. IRRI 9406. BULGARE. Cultivated. Seed.
- 461206. IRRI 9440. BOSQUE SEL 801. Cultivated. Seed.
- 461207. IRRI 9441. AGULHA ESAV IRGA. Cultivated. Seed.
- 461208. IRRI 9443. DOURADO LISO M2. Cultivated. Seed.
- 461209. IRRI 9444. CRISTAL DE ANGOLA. Cultivated. Seed.
- 461210. IRRI 9446. BOSQUE SEL 693. Cultivated. Seed.
- 461211. IRRI 9447. PRATAO ORLANDIA. Cultivated. Seed.
- 461212. IRRI 9451. MATAO BRANCO. Cultivated. Seed.
- 461213. IRRI 9458. AGULHA CACHOEIRA 9-1054. Cultivated. Seed.
- 461214. IRRI 9459. CARIOCA 79 P 4. Cultivated. Seed.
- 461215. IRRI 9466. AMARELAO IRGA. Cultivated. Seed.
- 461216. IRRI 9467. VERCELLI. Cultivated. Seed.
- 461217. IRRI 9470. GOIANO. Cultivated. Seed.
- 461218. IRRI 9471. ESTIRPE ABREU 14-3. Cultivated. Seed.
- 461219. IRRI 9472. DOURADO AGULHA 3. Cultivated. Seed.

459239 TO 461391-continued

- 461220. IRRI 9478. BICCO BRANCO. Cultivated. Seed.
- 461221. IRRI 9479. DOURADO AGULHA 1. Cultivated. Seed.
- 461222. IRRI 9486. EARLY PROLIFIC SEL 388. Cultivated. Seed.
- 461223. IRRI 9487. MATAO SEL 432. Cultivated. Seed.
- 461224. IRRI 9502. BICO BRANCO. Cultivated. Seed.
- 461225. IRRI 9507. D 31. Cultivated. Seed.
- 461226. IRRI 9535. JARMANI. Cultivated. Seed.
- 461227. IRRI 9538. RAMANI. Cultivated. Seed.
- 461228. IRRI 9541. ANGA. Cultivated. Seed.
- 461229. IRRI 9542. PURANI MARSHI. Cultivated. Seed.
- 461230. IRRI 9543. JUMALI. Cultivated. Seed.
- 461231. IRRI 9544. ANADI. Cultivated. Seed.
- 461232. IRRI 9551. ZAPOKA. Cultivated. Seed.
- 461233. IRRI 9554. TONLI. Cultivated. Seed.
- 461234. IRRI 9558. MASINO. Cultivated. Seed.
- 461235. IRRI 9559. MANSALA. Cultivated. Seed.
- 461236. IRRI 9564. SIDALI. Cultivated. Seed.
- 461237. IRRI 9567. PAHELE. Cultivated. Seed.
- 461238. IRRI 9581. JUMURI ZALO. Cultivated. Seed.
- 461239. IRRI 9584. MASINO. Cultivated. Seed.
- 461240. IRRI 9586. THAPACHINIA. Cultivated. Seed.
- 461241. IRRI 9587. H 7. Cultivated. Seed.
- 461242. IRRI 9597. H4 X PANDURUWI 1707. Cultivated. Seed.
- 461243. IRRI 9603. 1-14-1-2-3. Cultivated. Seed.
- 461244. IRRI 9614. DC 1. Cultivated. Seed.
- 461245. IRRI 9615. DC 2. Cultivated. Seed.

459239 TO 461391-continued

- 461246. IRRI 9617. DC 5. Cultivated. Seed.
- 461247. IRRI 9618. DC 7. Cultivated. Seed.
- 461248. IRRI 9623. WW 6/703. Cultivated. Seed.
- 461249. IRRI 9624. WW 6/824. Cultivated. Seed.
- 461250. IRRI 9625. WW 8/707. Cultivated. Seed.
- 461251. IRRI 9626. WW 8/2013. Cultivated. Seed.
- 461252. IRRI 9631. MIFB 283-2. Cultivated. Seed.
- 461253. IRRI 6791. C 35-39. Cultivated. Seed.
- 461254. IRRI 9857. DHARIAL. Cultivated. Seed.
- 461255. IRRI 9863. BHATURI. Cultivated. Seed.
- 461256. IRRI 9864. SHAETA. Cultivated. Seed.
- 461257. IRRI 9867. BOALI. Cultivated. Seed.
- 461258. IRRI 9902. AGRA BISI. Cultivated. Seed.
- 461259. IRRI 9910. MALINJA. Cultivated. Seed.
- 461260. IRRI 10319. MIFB 322-1 SEL. Cultivated. Seed.
- 461261. IRRI 10326. D 25-4. Cultivated. Seed.
- 461262. IRRI 10329. BASMATI 802. Cultivated. Seed.
- 461263. IRRI 10332. BASMATI 6141. Cultivated. Seed.
- 461264. IRRI 10337. GENA (E.E.A. 1823). Cultivated. Seed.
- 461265. IRRI 10338. GUALEYAN (E.E.A. 1821). Cultivated. Seed.
- 461266. IRRI 10339. ITAPE (E.E.A. 1820). Cultivated. Seed.
- 461267. IRRI 10340. PANOJA (E.E.A.). Cultivated. Seed.
- 461268. IRRI 10344. LOOK SAAP VAT CHOO. Cultivated. Seed.
- 461269. IRRI 10345. HSIAO PAI KU. Cultivated. Seed.
- 461270. IRRI 10346. TA PAI KU. Cultivated. Seed.
- 461271. IRRI 10362. HSIANG CHU KENG. Cultivated. Seed.

459239 TO 461391-continued

461272. IRRI 10367. SC 46 73-49B-1. Cultivated. Seed.
461273. IRRI 10385. KINKI 24 L 12. Cultivated. Seed.
461274. IRRI 6693. CHINA PATARKA. Cultivated. Seed.
461275. IRRI 10390. A 108. Cultivated. Seed.
461276. IRRI 10393. DWARF. Cultivated. Seed.
461277. IRRI 10398. A 25. Cultivated. Seed.
461278. IRRI 10407. FUKERUPAGAI. Cultivated. Seed.
461279. IRRI 10540. 647. Cultivated. Seed.
461280. IRRI 10568. 1341 S. Cultivated. Seed.
461281. IRRI 10583. G.S. 22-A31-12 YIN. Cultivated. Seed.
461282. IRRI 10586. TEP TRANG C-7025. Cultivated. Seed.
461283. IRRI 10591. BAOK 10. Cultivated. Seed.
461284. IRRI 10594. SIGARDIS. Cultivated. Seed.
461285. IRRI 10596. DARA. Cultivated. Seed.
461286. IRRI 10597. SIBUDIJANG. Cultivated. Seed.
461287. IRRI 10603. SATHI. Cultivated. Seed.
461288. IRRI 10605. AC 13. Cultivated. Seed.
461289. IRRI 10612. CH 47. Cultivated. Seed.
461290. IRRI 10617. GS 784. Cultivated. Seed.
461291. IRRI 10618. AP 423. Cultivated. Seed.
461292. IRRI 10619. AP 430. Cultivated. Seed.
461293. IRRI 10620. AP 439. Cultivated. Seed.
461294. IRRI 10621. AP 444. Cultivated. Seed.
461295. IRRI 10623. MAHLAR 346. Cultivated. Seed.
461296. IRRI 10625. C5 - 17. Cultivated. Seed.
461297. IRRI 10627. TOGA 28. Cultivated. Seed.

459239 TO 461391--continued

- 461298. IRRI 10628. H 117 BORA LATE. Cultivated. Seed.
- 461299. IRRI 10631. HR 109. Cultivated. Seed.
- 461300. IRRI 10633. CO 13. Cultivated. Seed.
- 461301. IRRI 10638. AC 1613. Cultivated. Seed.
- 461302. IRRI 10639. AC 1730. Cultivated. Seed.
- 461303. IRRI 10640. AC 2489. Cultivated. Seed.
- 461304. IRRI 10643. C 5298. Cultivated. Seed.
- 461305. IRRI 10644. IUNANDA ITIM. Cultivated. Seed.
- 461306. IRRI 10647. FININDOC IOLA. Cultivated. Seed.
- 461307. IRRI 10649. ININGCANTO. Cultivated. Seed.
- 461308. IRRI 10650. KING LANG KANG. Cultivated. Seed.
- 461309. IRRI 10657. 45B. Cultivated. Seed.
- 461310. IRRI 10660. TONO BREA 289. Cultivated. Seed.
- 461311. IRRI 10661. TONO BREA 439. Cultivated. Seed.
- 461312. IRRI 10662. TONO BREA 572. Cultivated. Seed.
- 461313. IRRI 10663. 7-8-1. Cultivated. Seed.
- 461314. IRRI 10740. PECO NEGRO. Cultivated. Seed.
- 461315. IRRI 10741. BOA VISTA TM 806. Cultivated. Seed.
- 461316. IRRI 10742. CATEOA DOURADO TM 808. Cultivated. Seed.
- 461317. IRRI 10744. JAGUARY ZONGO TM 816. Cultivated. Seed.
- 461318. IRRI 10745. SACONODO BRAZIL TM 1377. Cultivated. Seed.
- 461319. IRRI 10747. IMPROVED DINA. Cultivated. Seed.
- 461320. IRRI 10752. SECANO BOLITA 1. Cultivated. Seed.
- 461321. IRRI 10760. 583. Cultivated. Seed.
- 461322. IRRI 10764. HONDURAS. Cultivated. Seed.
- 461323. IRRI 10765. JAMAICA. Cultivated. Seed.

459239 TO 461391-continued

- 461324. IRRI 10777. DIMA VD 5096/25. Cultivated. Seed.
- 461325. IRRI 10779. 40C 1-5-7. Cultivated. Seed.
- 461326. IRRI 10780. NICKERIE/19. Cultivated. Seed.
- 461327. IRRI 10782. 80/3/1/5/5. Cultivated. Seed.
- 461328. IRRI 10811. DOSEL. Cultivated. Seed.
- 461329. IRRI 10812. GOMA. Cultivated. Seed.
- 461330. IRRI 10816. 294/4/1/10/1/5. Cultivated. Seed.
- 461331. IRRI 10817. 295/8/1/5/2. Cultivated. Seed.
- 461332. IRRI 10819. 295/8/1/9/3. Cultivated. Seed.
- 461333. IRRI 10820. 295/9/2/6/5. Cultivated. Seed.
- 461334. IRRI 10824. 2021. Cultivated. Seed.
- 461335. IRRI 10825. LINE 5. Cultivated. Seed.
- 461336. IRRI 10826. 2022. Cultivated. Seed.
- 461337. IRRI 10828. 294/4/1/10/1/3. Cultivated. Seed.
- 461338. IRRI 10833. OREJANO. Cultivated. Seed.
- 461339. IRRI 10834. PANOJA. Cultivated. Seed.
- 461340. IRRI 10835. H 17 PRECOZ. Cultivated. Seed.
- 461341. IRRI 10840. H 25-41. Cultivated. Seed.
- 461342. IRRI 10841. H 25-48. Cultivated. Seed.
- 461343. IRRI 10843. H 25-69. Cultivated. Seed.
- 461344. IRRI 10844. H 27-12. Cultivated. Seed.
- 461345. IRRI 10845. H 27-22. Cultivated. Seed.
- 461346. IRRI 10846. H 27-38. Cultivated. Seed.
- 461347. IRRI 10847. H 29-6. Cultivated. Seed.
- 461348. IRRI 10848. H 29-11. Cultivated. Seed.
- 461349. IRRI 10852. H 29-50. Cultivated. Seed.

459239 TO 461391-continued

- 461350. IRRI 10868. SML GALIBI. Cultivated. Seed.
- 461351. IRRI 10883. YAMAHIBIKI. Cultivated. Seed.
- 461352. IRRI 10884. KOSHISAKAE. Cultivated. Seed.
- 461353. IRRI 10886. KEGON. Cultivated. Seed.
- 461354. IRRI 10891. SACHIKAZE. Cultivated. Seed.
- 461355. IRRI 10892. CHUGOKU 26. Cultivated. Seed.
- 461356. IRRI 10894. KUNHIKARI. Cultivated. Seed.
- 461357. IRRI 10895. TOYOMINORI. Cultivated. Seed.
- 461358. IRRI 10897. R4-B. Cultivated. Seed.
- 461359. IRRI 10899. ALLORIO LAMBDA. Cultivated. Seed.
- 461360. IRRI 10902. SAN IN 73. Cultivated. Seed.
- 461361. IRRI 10912. NP 130 MUTANT S-1. Cultivated. Seed.
- 461362. IRRI 10913. NP 130 MUT S-3. Cultivated. Seed.
- 461363. IRRI 10920. IR4-11. Cultivated. Seed.
- 461364. IRRI 10921. IR4-90-2. Cultivated. Seed.
- 461365. IRRI 10922. IR4-93-2. Cultivated. Seed.
- 461366. IRRI 10934. IR 14-149-3. Cultivated. Seed.
- 461367. IRRI 10937. IR 60-12-4-1. Cultivated. Seed.
- 461368. IRRI 10940. IR 76-45-1. Cultivated. Seed.
- 461369. IRRI 10941. IR 76-154. Cultivated. Seed.
- 461370. IRRI 10949. IR 277-7-2-3-1. Cultivated. Seed.
- 461371. IRRI 10952. SML ALUPI. Cultivated. Seed.
- 461372. IRRI 10965. VARY VATO 243. Cultivated. Seed.
- 461373. IRRI 10968. VARY VATO 271. Cultivated. Seed.
- 461374. IRRI 10971. SOMIZO 1196. Cultivated. Seed.
- 461375. IRRI 10972. LAVA 1418. Cultivated. Seed.

459239 TO 461391-continued

- 461376. IRRI 10979. HYBRIDE 752. Cultivated. Seed.
- 461377. IRRI 10980. VARY VATO 276. Cultivated. Seed.
- 461378. IRRI 10981. BENGELY 1139. Cultivated. Seed.
- 461379. IRRI 10985. MAKALIOKA 45. Cultivated. Seed.
- 461380. IRRI 10994. VARY LAVA 658. Cultivated. Seed.
- 461381. IRRI 11004. HYBRIDE 923. Cultivated. Seed.
- 461382. IRRI 11009. BALILLA 1051. Cultivated. Seed.
- 461383. IRRI 11022. EHO 690. Cultivated. Seed.
- 461384. IRRI 11031. ANGIKAFOTSY 1198. Cultivated. Seed.
- 461385. IRRI 4160. NAHDA. Cultivated. Seed.
- 461386. IRRI 4163. KANTI. Cultivated. Seed.
- 461387. IRRI 4165. BOEGI BOERA. Cultivated. Seed.
- 461388. IRRI 4180. MONTJA TJAMPA. Cultivated. Seed.
- 461389. IRRI 4181. SOMORA MANGGA. Cultivated. Seed.
- 461390. IRRI 4188. BANDA 390. Cultivated. Seed.
- 461391. IRRI 5772. TEKAIBE. Cultivated. Seed.

461392. *Neonotonia verdcourtii* Isely (Fabaceae).

From United States. R. G. Palmer, USDA, Department of Botany and Plant Pathology, Iowa State University, Ames, Iowa. Code numbers refer to Peter collection, Kew, England.
Received May 1981.

43348. Tanzania. Collected 1926. Woods, north of Lake Eysi, southeast of Lake Victoria. Plants similar to *N. wightii*, but deeply velutinous and reduced number of ovules. Plants local and rare. Wild. Seed.

461393 TO 461402. *Allium fistulosum* L. (Amaryllidaceae) Bunching onion.

From Japan. Vegetable and Ornamental Crops Research Station, Tsu-City, Mie-Ken 514-01.
Received July 1981.

461393 TO 461402-continued

461393. Asagikei-Kujyo. Japan. Kyoto. Takii Seed Co., Ltd. Five to ten leaf-sheath type. Leaf sheath short and slender. Leaves soft, light green. Local name Kujyo (hoso-kei). Cultivated. Seed.
461394. Banno. Japan. Kyoto. Takii Seeds Co., Ltd. Bunch type. Leaf sheath short and very slender. Leaves soft, green. Cultivated. Seed.
461395. Fukaya. Japan. Maebashi City. Kaneko Seeds Co., Ltd. Two or three leaf-sheath type. Leaf sheath long and of medium thickness. Leaves hard, dark green. Snowy, cold region, used in winter. Local name Senjyu (Aigara-kei). Cultivated. Seed.
461396. Iwatsuki. Japan. Kyoto. Takii Seeds Co., Ltd. Five or six leaf-sheath type. Leaf sheath short and of medium thickness. Leaves dark green. Cold region, used in summer. Local name Kaga. Cultivated. Seed.
461397. Koshizu. Japan. Japan. Aisan Seed Co., Ltd. Five or six leaf-sheath type. Leaf sheath long and of medium thickness. Leaves light green. Local name Kujyo (Koshizu-kei). Cultivated. Seed.
461398. Kujyo-futo. Japan. Kyoto. Takii Seed Co., Ltd. Four or five leaf-sheath type. Leaf sheath long and slender. Leaves soft, green. Local name Kujyo (futo-kei). Cultivated. Seed.
461399. Kuronobori. Japan. Maebashi City. Kaneko Seed Co., Ltd. Single leaf-sheath type. Leaf sheath long and of medium thickness. Leaves hard, very dark green. Cold region, used in summer. Local name Senjyu (Kurogara-kei). Cultivated. Seed.
461400. Matsumoto. Japan. Maebashi City. Kaneko Seeds Co., Ltd. Single leaf-sheath type. Leaf sheath long and thick. Leaves hard, green. Cold region, used in winter. Local name Kaga. Cultivated. Seed.
461401. Shimonida. Japan. Maebashi City. Kaneko Seeds Co., Ltd. Single leaf-sheath type. Leaf sheath short and very thick. Leaves hard, dark green. Cold region, used in winter. Local name Kaga. Cultivated. Seed.
461402. Shiobara-bansei. Japan. Maebashi City. Kaneko Seeds Co., Ltd. Slow bolting, bunch type. Leaf sheath long and slender. Leaves green. Cold region. Local name Kujyo (Okunegi-kei). Cultivated. Seed.

461403. *Manihot glaziovii* Muell.-Arg. (Euphorbiaceae) Ceara rubber-tree.

From Brazil. Centro Nacional de Recursos Geneticos, Empresa Brasileira de Pesquisa Agropecuaria, CEP 70.000-Brasilia DF.

Received July 1981.

056235. Manicoba. Brazil. Cultivated. Seed.

461404. *Ricinus communis* L. (Euphorbiaceae) Castorbean.

From Brazil. Centro Nacional de Recursos Geneticos, Empresa Brasileira de Pesquisa Agropecuaria, CEP 70.000-Brasilia DF.

Received July 1981.

003182. D.C.Giacometti 91. Brazil. Cultivated. Seed.

461405 TO 461411. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received April 1981.

461405. IRRI 23437. Khao Khaonoi. Cultivated. Seed.

461406. IRRI 23505. Khao None Noi. Cultivated. Seed.

461407. IRRI 14514. Mira. Cultivated. Seed.

461408. IRRI 7459. P 6/Blue Rose//P 6. Cultivated. Seed.

461409. IRRI 17016. Roma. Cultivated. Seed.

461410. IRRI 29677. Savan. Cultivated. Seed.

461411. IRRI 8018. Vary Lava 1302. Cultivated. Seed.

461412 TO 461418. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received April 1981.

461412. IRRI 6538. Bamoia 341. Cultivated. Seed.

461413. IRRI 3647. Basmati. Cultivated. Seed.

461414. IRRI 4109. Basmati T 3. Cultivated. Seed.

461415. IRRI 3680. Basmati 370. Cultivated. Seed.

461412 TO 461418-continued

461416. IRRI 6426. Basmati 370. Cultivated. Seed.

461417. IRRI 6540. Bazail 407. Cultivated. Seed.

461418. IRRI 5664. Rexoro/CI 7689. Cultivated. Seed.

461419. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Henan Agricultural Institute,
Zhengzhou, Henan Province. Received through T. Nygaard,
Kansas Farm Bureau, Manhattan, Kansas.
Received June 1981.

Zhengzhou 126. China, Peoples Repub of. Cultivated. Seed.

461420. *Allium cepa* L. (Amaryllidaceae) Onion.

From China, Peoples Repub of. C. L. Zeng, Fine Seeds Station,
Square Strong Farm, Yiliho, TaFeng Kiangsu.
Received July 1981.

China, Peoples Repub of. Cultivated. Bulbs.

461421 TO 461422. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae)
Leadtrees.

From Indonesia. H. M. Beachell, International Rice Research
Institute, Bogor.
Received August 1981.

461421. G220. Received as *L. glauca*. Cultivated. Seed.

461422. G335. Cultivated. Seed.

461423 TO 461463. *Arachis hypogaea* L. (Fabaceae) Peanut.

From China, Peoples Repub of. Institute of Oil Crops, Chinese
Academy of Agricultural Science, Wuhan.
Received June 1981.

461423. Sh-long Hwong-I. China, Peoples Repub of. Maturity 135
days. Oil content 48.9%. Cultivated. Seed.

461424. Mong-Sh. China, Peoples Repub of. Maturity 135 days.
Cultivated. Seed.

461425. Thing-Xiong Hwa-sung. China, Peoples Repub of. Maturity
138 days. Cultivated. Seed.

461423 TO 461463-continued

461426. Zhwung-Thien. China, Peoples Repub of. Maturity 138 days. Cultivated. Seed.
461427. Se-li-Hwong. China, Peoples Repub of. Maturity 135 days. Oil content 43%. Cultivated. Seed.
461428. Fu-Ning Dwun-Li. China, Peoples Repub of. Maturity 140 days. Cultivated. Seed.
461429. Len-Jiang Se-li-hwong. China, Peoples Repub of. Maturity 135 days. Cultivated. Seed.
461430. Tei-lei Se-li-hwong. China, Peoples Repub of. Maturity 138 days. Cultivated. Seed.
461431. Sh-li-Pu Hwong-I. China, Peoples Repub of. Maturity 138 days. Cultivated. Seed.
461432. Zhei-Dian Hwa-Sung. China, Peoples Repub of. Maturity 138 days. Oil content 54.6%. Cultivated. Seed.
461433. Xie-Swei Zhwan-sung. China, Peoples Repub of. Maturity 149 days. Oil content 49.7%. Cultivated. Seed.
461434. Mao-Ming Hwa-Sung. China, Peoples Repub of. Maturity 135 days. Oil content 52%. Cultivated. Seed.
461435. S-Dao-Chi. China, Peoples Repub of. Maturity 135 days. Oil content 51.5%. Cultivated. Seed.
461436. Fong-Sa #4. China, Peoples Repub of. Maturity 135 days. Oil content 49.7%. Cultivated. Seed.
461437. He-Yue #4. China, Peoples Repub of. Maturity 125 days. Oil content 50%. Cultivated. Seed.
461438. O-Hwa #1. China, Peoples Repub of. Maturity 138 days. Oil content 50.9%. Cultivated. Seed.
461439. Zhwong-Zh-Zhung. China, Peoples Repub of. Maturity 138 days. Oil content 50.4%. Cultivated. Seed.
461440. 1206. China, Peoples Repub of. Maturity 138 days. Oil content 50.3%. Cultivated. Seed.
461441. Xieing-San Mi-Hwa-Sung. China, Peoples Repub of. Maturity 149 days. Oil content 50.4%. Cultivated. Seed.
461442. Lwun-tian Ben-di-Zhung. China, Peoples Repub of. Maturity 149 days. Oil content 51.7%. Cultivated. Seed.
461443. O-Chung Xien-Jian-Shun. China, Peoples Repub of.

461423 TO 461463-continued

- Maturity 151 days. Oil content 51.4%. Cultivated. Seed.
461444. Wu Chung #1. China, Peoples Repub of. Maturity 138 days. Oil content 49.1%. Cultivated. Seed.
461445. Han-Zhwan Hwa-Sung. China, Peoples Repub of. Maturity 151 days. Oil content 48.8%. Cultivated. Seed.
461446. I-Chung Do-Hwa-Sung. China, Peoples Repub of. Maturity 149 days. Oil content 49.8%. Cultivated. Seed.
461447. Shwung-lieu Hwa-Sung. China, Peoples Repub of. Maturity 150 days. Cultivated. Seed.
461448. Hwung-Gung Shan Yung. China, Peoples Repub of. Maturity 154 days. Oil content 51.5%. Cultivated. Seed.
461449. Bie-R-Ei #1. China, Peoples Repub of. Maturity 135 days. Oil content 55.6%. Cultivated. Seed.
461450. Bie-R-Ei #8. China, Peoples Repub of. Maturity 140 days. Oil content 53.2%. Cultivated. Seed.
461451. Ma-Chung Bie-Gwun. China, Peoples Repub of. Maturity 144 days. Oil content 51.3%. Cultivated. Seed.
461452. Mu-Chung Yung Hwa-Sung. China, Peoples Repub of. Maturity 158 days. Oil content 47.4%. Cultivated. Seed.
461453. Jing-Men Da-Dao-Pao. China, Peoples Repub of. Maturity 155 days. Oil content 49.3%. Cultivated. Seed.
461454. Sing-Shan Zhi Hwa-Sung. China, Peoples Repub of. Maturity 155 days. Oil content 48.4%. Cultivated. Seed.
461455. Wu-Chung Yue Hwa-Sung. China, Peoples Repub of. Maturity 158 days. Oil content 48.2%. Cultivated. Seed.
461456. Twung-Chung Mu-Zhu-Vun. China, Peoples Repub of. Maturity 158 days. Oil content 47.6%. Cultivated. Seed.
461457. Dung-Yung Ma-Kun. China, Peoples Repub of. Maturity 147 days. Oil content 49.3%. Cultivated. Seed.
461458. Lwun-Jiang Ji-Vun. China, Peoples Repub of. Maturity 140 days. Oil content 53.2%. Cultivated. Seed.
461459. Wu-Chung Jin-Ko Hwa-Sung. China, Peoples Repub of. Maturity 158 days. Oil content 50%. Cultivated. Seed.
461460. 1502. China, Peoples Repub of. Maturity 125 days. Resistant to bacterial wilt. Cultivated. Seed.

461423 TO 461463-continued

461461. 1504. China, Peoples Repub of. Maturity 125 days.
Resistant to bacterial wilt. Cultivated. Seed.

461462. 1122. China, Peoples Repub of. Resistant to bacterial
wilt. Cultivated. Seed.

461463. 1127. China, Peoples Repub of. Resistant to bacterial
wilt. Cultivated. Seed.

461464. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Department of Agriculture, Beijing
Agricultural University, Beijing.
Received August 1981.

Early-high yield No. 1. China, Peoples Repub of.
Maturity 91 days. Cultivated. Seed.

461465 TO 461500. *Hordeum vulgare* L. (Poaceae) Barley.

From China, Peoples Repub of. Department of Agriculture, Beijing
Agricultural University, Beijing.
Received August 1981.

461465. 114. China, Peoples Repub of. Maturity 108 days.
Cultivated. Seed.

461466. 214. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461467. 1601A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461468. 1801H. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461469. 1802H. China, Peoples Repub of. Maturity 100 days.
Cultivated. Seed.

461470. 1803A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461471. 1807A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461472. 1814D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461473. 1815D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.

461465 TO 461500-continued

461474. 1908A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461475. 1910A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461476. 1911A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461477. 1912A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461478. 1922A. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461479. 1962D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461480. 1963D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461481. 1964D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461482. 1965D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461483. 1966D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461484. 1967D. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461485. 1974E. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461486. 1976E. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461487. Aibaiyang. China, Peoples Repub of. Maturity 108 days.
Cultivated. Seed.
461488. Chiba. China, Peoples Repub of. Maturity 108 days.
Cultivated. Seed.
461489. Haimai No. 1. China, Peoples Repub of. Maturity 108 days.
Cultivated. Seed.
461490. Handan. China, Peoples Repub of. Maturity 105 days.
Cultivated. Seed.
461491. Humai No. 1. China, Peoples Repub of. Maturity 108 days.

461465 TO 461500-continued

Cultivated. Seed.

- 461492. Liudangzhun. China, Peoples Repub of. Maturity 105 days. Cultivated. Seed.
- 461493. Lixin No. 1. China, Peoples Repub of. Maturity 105 days. Cultivated. Seed.
- 461494. Lixin No. 2. China, Peoples Repub of. Maturity 105 days. Cultivated. Seed.
- 461495. Pujiang. China, Peoples Repub of. Six row type. Maturity 108 days. Cultivated. Seed.
- 461496. Yangzhou. China, Peoples Repub of. Maturity 108 days. Cultivated. Seed.
- 461497. Zhe Nong No. 12. China, Peoples Repub of. Maturity 108 days. Cultivated. Seed.
- 461498. China, Peoples Repub of. Two row type. Awns smooth. Maturity 110 days. Cultivated. Seed.
- 461499. China, Peoples Repub of. Two row type. Yield high. Maturity 110 days. Cultivated. Seed.
- 461500. China, Peoples Repub of. Six row type. Awnless. Maturity 108 days. Cultivated. Seed.

461501 TO 461507. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Department of Agriculture, Beijing Agricultural University, Beijing.
Received August 1981.

- 461501. Nungda 103. China, Peoples Repub of. Winter type. Cultivated. Seed.
- 461502. Nungda 106. China, Peoples Repub of. Winter type. Cultivated. Seed.
- 461503. Nungda 129. China, Peoples Repub of. Winter type. Cultivated. Seed.
- 461504. Nungda 199. China, Peoples Repub of. Winter type. Cultivated. Seed.
- 461505. Nungda 233. China, Peoples Repub of. Winter type. Cultivated. Seed.
- 461506. Nungda 235. China, Peoples Repub of. Winter type. Cultivated. Seed.

461501 TO 461507-continued

461507. Nungda 238. China, Peoples Repub of. Winter type.
Cultivated. Seed.

461508 TO 461510. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Crop Breeding, Teaching, and
Research Laboratory, Jilin Agricultural University, Chang
Chun, Jilin Province.
Received August 1981.

461508. Bai mo shi dou. China, Peoples Repub of. Maturity medium-
late. Plants small to medium-sized. Cultivated. Seed.

461509. Cha mo shi dou. China, Peoples Repub of. Maturity medium-
late. Plants medium-sized. Cultivated. Seed.

461510. Jiu nong No. 6. China, Peoples Repub of. Maturity medium-
early. Plants medium-sized. Cultivated. Seed.

461511 TO 461517. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Crop Breeding, Teaching, and
Research Laboratory, Jilin Agricultural University, Chang
Chun, Jilin Province.
Received August 1981.

461511. He zuo No. 6. China, Peoples Repub of. Spring type.
Maturity medium. Resistant to lodging, stem rust, and
slight tolerance to leaf rust. Moisture tolerant.
Cultivated. Seed.

461512. He zuo No. 7. China, Peoples Repub of. Spring type.
Maturity medium. Resistant to stem rust, slight tolerance
to leaf rust. Drought tolerant. Cultivated. Seed.

461513. Ke Chun No. 14. China, Peoples Repub of. Spring type.
Maturity early. Tolerant to fertilizer. Resistant to
lodging. Cultivated. Seed.

461514. Ke han No. 8. China, Peoples Repub of. Spring type.
Maturity medium to late. Resistant to stem rust, slight
tolerance to leaf rust and leaf blight. Drought tolerant.
Cultivated. Seed.

461515. Ke Qun. China, Peoples Repub of. Spring type. Maturity
medium to late. Resistant to stem rust, slight tolerance
to leaf rust. Drought tolerant during early stage,
moisture tolerant during late stage. Cultivated. Seed.

461516. Liau Chun No. 2. China, Peoples Repub of. Spring type.

461511 TO 461517-continued

Maturity early. Resistant to lodging and stem rust.
Cultivated. Seed.

461517. Liau Chun No. 8. China, Peoples Repub of. Spring type.
Maturity very early. Resistant to leaf rust. Quality good.
Cultivated. Seed.

461518. *Helianthus tuberosus* L. (Asteraceae) Jerusalem artichoke.

From Argentina. E. M. Gagey, 7000 - Tandil. Received through N.D.
Vietmeyer, Commission on Int'l. Relations, NAS,
Washington, D.C.
Received August 1981.

CR Special. Argentina. Plants to 3m tall. Hardy. Yield
high. Drought tolerant. Cold tolerant. Insect resistant.
Local name Topinambur. Cultivated. Tubers.

461519 TO 462018. *Oryza sativa* L. (Poaceae) Rice.

From India. Division of Plant Introduction, Indian Agricultural
Research Institute (IARI), New Delhi.
Received August 1981.

461519. IARI 10012. Cultivated. Seed.

461520. IARI 10171. Cultivated. Seed.

461521. IARI 10172. Cultivated. Seed.

461522. IARI 10173. Cultivated. Seed.

461523. IARI 10174. Cultivated. Seed.

461524. IARI 10175. Cultivated. Seed.

461525. IARI 10176. Cultivated. Seed.

461526. IARI 10177. Cultivated. Seed.

461527. IARI 10178. Cultivated. Seed.

461528. IARI 10179. Cultivated. Seed.

461529. IARI 10180. Cultivated. Seed.

461530. IARI 10181. Cultivated. Seed.

461531. IARI 10182. Cultivated. Seed.

461532. IARI 10183. Cultivated. Seed.

461519 TO 462018-continued

461533. IARI 10184. Cultivated. Seed.
461534. IARI 10185. Cultivated. Seed.
461535. IARI 10186. Cultivated. Seed.
461536. IARI 10187. Cultivated. Seed.
461537. IARI 10188. Cultivated. Seed.
461538. IARI 10189. Cultivated. Seed.
461539. IARI 10190. Cultivated. Seed.
461540. IARI 10191. Cultivated. Seed.
461541. IARI 10192. Cultivated. Seed.
461542. IARI 10193. Cultivated. Seed.
461543. IARI 10194. Cultivated. Seed.
461544. IARI 10195. Cultivated. Seed.
461545. IARI 10196. Cultivated. Seed.
461546. IARI 10197. Cultivated. Seed.
461547. IARI 10198. Cultivated. Seed.
461548. IARI 10199. Cultivated. Seed.
461549. IARI 10200. Cultivated. Seed.
461550. IARI 10201. Cultivated. Seed.
461551. IARI 10202. Cultivated. Seed.
461552. IARI 10203. Cultivated. Seed.
461553. IARI 10204. Cultivated. Seed.
461554. IARI 10205. Cultivated. Seed.
461555. IARI 10206. Cultivated. Seed.
461556. IARI 10207. Cultivated. Seed.
461557. IARI 10208. Cultivated. Seed.
461558. IARI 10209. Cultivated. Seed.

461519 TO 462018-continued

461559. IARI 10210. Cultivated. Seed.
461560. IARI 10211. Cultivated. Seed.
461561. IARI 10212. Cultivated. Seed.
461562. IARI 10213. Cultivated. Seed.
461563. IARI 10214. Cultivated. Seed.
461564. IARI 10215. Cultivated. Seed.
461565. IARI 10216. Cultivated. Seed.
461566. IARI 10217. Cultivated. Seed.
461567. IARI 10218. Cultivated. Seed.
461568. IARI 10219. Cultivated. Seed.
461569. IARI 10220. Cultivated. Seed.
461570. IARI 10221. Cultivated. Seed.
461571. IARI 10222. Cultivated. Seed.
461572. IARI 10223. Cultivated. Seed.
461573. IARI 10224. Cultivated. Seed.
461574. IARI 10225. Cultivated. Seed.
461575. IARI 10226. Cultivated. Seed.
461576. IARI 10227. Cultivated. Seed.
461577. IARI 10228. Cultivated. Seed.
461578. IARI 10229. Cultivated. Seed.
461579. IARI 10230. Cultivated. Seed.
461580. IARI 10231. Cultivated. Seed.
461581. IARI 10232. Cultivated. Seed.
461582. IARI 10233. Cultivated. Seed.
461583. IARI 10234. Cultivated. Seed.
461584. IARI 10235. Cultivated. Seed.

461519 TO 462018-continued

461585. IARI 10236. Cultivated. Seed.
461586. IARI 10237. Cultivated. Seed.
461587. IARI 10238. Cultivated. Seed.
461588. IARI 10239. Cultivated. Seed.
461589. IARI 10240. Cultivated. Seed.
461590. IARI 10241. Cultivated. Seed.
461591. IARI 10242. Cultivated. Seed.
461592. IARI 10243. Cultivated. Seed.
461593. IARI 10244. Cultivated. Seed.
461594. IARI 10245. Cultivated. Seed.
461595. IARI 10246. Cultivated. Seed.
461596. IARI 10247. Cultivated. Seed.
461597. IARI 10248. Cultivated. Seed.
461598. IARI 10249. Cultivated. Seed.
461599. IARI 10250. Cultivated. Seed.
461600. IARI 10251. Cultivated. Seed.
461601. IARI 10252. Cultivated. Seed.
461602. IARI 10253. Cultivated. Seed.
461603. IARI 10254. Cultivated. Seed.
461604. IARI 10255. Cultivated. Seed.
461605. IARI 10256. Cultivated. Seed.
461606. IARI 10257. Cultivated. Seed.
461607. IARI 10258. Cultivated. Seed.
461608. IARI 10259. Cultivated. Seed.
461609. IARI 10260. Cultivated. Seed.
461610. IARI 10261. Cultivated. Seed.

461519 TO 462018-continued

461611. IARI 10262. Cultivated. Seed.
461612. IARI 10263. Cultivated. Seed.
461613. IARI 10264. Cultivated. Seed.
461614. IARI 10265. Cultivated. Seed.
461615. IARI 10266. Cultivated. Seed.
461616. IARI 10267. Cultivated. Seed.
461617. IARI 10268. Cultivated. Seed.
461618. IARI 10269. Cultivated. Seed.
461619. IARI 10270. Cultivated. Seed.
461620. IARI 10271. Cultivated. Seed.
461621. IARI 10272. Cultivated. Seed.
461622. IARI 10273. Cultivated. Seed.
461623. IARI 10274. Cultivated. Seed.
461624. IARI 10275. Cultivated. Seed.
461625. IARI 10276. Cultivated. Seed.
461626. IARI 10277. Cultivated. Seed.
461627. IARI 10278. Cultivated. Seed.
461628. IARI 10279. Cultivated. Seed.
461629. IARI 10280. Cultivated. Seed.
461630. IARI 10281. Cultivated. Seed.
461631. IARI 10282. Cultivated. Seed.
461632. IARI 10283. Cultivated. Seed.
461633. IARI 10284. Cultivated. Seed.
461634. IARI 10285. Cultivated. Seed.
461635. IARI 10286. Cultivated. Seed.
461636. IARI 10287. Cultivated. Seed.

461519 TO 462018-continued

461637. IARI 10288. Cultivated. Seed.
461638. IARI 10289. Cultivated. Seed.
461639. IARI 10290. Cultivated. Seed.
461640. IARI 10291. Cultivated. Seed.
461641. IARI 10292. Cultivated. Seed.
461642. IARI 10293. Cultivated. Seed.
461643. IARI 10294. Cultivated. Seed.
461644. IARI 10295. Cultivated. Seed.
461645. IARI 10296. Cultivated. Seed.
461646. IARI 10297. Cultivated. Seed.
461647. IARI 10298. Cultivated. Seed.
461648. IARI 10299. Cultivated. Seed.
461649. IARI 10300. Cultivated. Seed.
461650. IARI 10301. Cultivated. Seed.
461651. IARI 10302. Cultivated. Seed.
461652. IARI 10303. Cultivated. Seed.
461653. IARI 10304. Cultivated. Seed.
461654. IARI 10305. Cultivated. Seed.
461655. IARI 10306. Cultivated. Seed.
461656. IARI 10307. Cultivated. Seed.
461657. IARI 10308. Cultivated. Seed.
461658. IARI 10309. Cultivated. Seed.
461659. IARI 10310. Cultivated. Seed.
461660. IARI 10311. Cultivated. Seed.
461661. IARI 10312. Cultivated. Seed.
461662. IARI 10313. Cultivated. Seed.

461519 TO 462018-continued

461663. IARI 10314. Cultivated. Seed.
461664. IARI 10315. Cultivated. Seed.
461665. IARI 10316. Cultivated. Seed.
461666. IARI 10317. Cultivated. Seed.
461667. IARI 10318. Cultivated. Seed.
461668. IARI 10319. Cultivated. Seed.
461669. IARI 10320. Cultivated. Seed.
461670. IARI 10321. Cultivated. Seed.
461671. IARI 10322. Cultivated. Seed.
461672. IARI 10323. Cultivated. Seed.
461673. IARI 10324. Cultivated. Seed.
461674. IARI 10325. Cultivated. Seed.
461675. IARI 10326. Cultivated. Seed.
461676. IARI 10327. Cultivated. Seed.
461677. IARI 10328. Cultivated. Seed.
461678. IARI 10329. Cultivated. Seed.
461679. IARI 10330. Cultivated. Seed.
461680. IARI 10331. Cultivated. Seed.
461681. IARI 10332. Cultivated. Seed.
461682. IARI 10333. Cultivated. Seed.
461683. IARI 10334. Cultivated. Seed.
461684. IARI 10335. Cultivated. Seed.
461685. IARI 10336. Cultivated. Seed.
461686. IARI 10337. Cultivated. Seed.
461687. IARI 10338. Cultivated. Seed.
461688. IARI 10339. Cultivated. Seed.

461519 TO 462018--continued

461689. IARI 10340. Cultivated. Seed.
461690. IARI 10341. Cultivated. Seed.
461691. IARI 10342. Cultivated. Seed.
461692. IARI 10343. Cultivated. Seed.
461693. IARI 10344. Cultivated. Seed.
461694. IARI 10345. Cultivated. Seed.
461695. IARI 10346. Cultivated. Seed.
461696. IARI 10347. Cultivated. Seed.
461697. IARI 10348. Cultivated. Seed.
461698. IARI 10349. Cultivated. Seed.
461699. IARI 10350. Cultivated. Seed.
461700. IARI 10351. Cultivated. Seed.
461701. IARI 10352. Cultivated. Seed.
461702. IARI 10353. Cultivated. Seed.
461703. IARI 10354. Cultivated. Seed.
461704. IARI 10355. Cultivated. Seed.
461705. IARI 10356. Cultivated. Seed.
461706. IARI 10357. Cultivated. Seed.
461707. IARI 10358. Cultivated. Seed.
461708. IARI 10359. Cultivated. Seed.
461709. IARI 10360. Cultivated. Seed.
461710. IARI 10361. Cultivated. Seed.
461711. IARI 10362. Cultivated. Seed.
461712. IARI 10363. Cultivated. Seed.
461713. IARI 10364. Cultivated. Seed.
461714. IARI 10365. Cultivated. Seed.

461519 TO 462018-continued

461715. IARI 10366. Cultivated. Seed.
461716. IARI 10367. Cultivated. Seed.
461717. IARI 10368. Cultivated. Seed.
461718. IARI 10369. Cultivated. Seed.
461719. IARI 10370. Cultivated. Seed.
461720. IARI 10371. Cultivated. Seed.
461721. IARI 10372. Cultivated. Seed.
461722. IARI 10373. Cultivated. Seed.
461723. IARI 10374. Cultivated. Seed.
461724. IARI 10375. Cultivated. Seed.
461725. IARI 10376. Cultivated. Seed.
461726. IARI 10377. Cultivated. Seed.
461727. IARI 10378. Cultivated. Seed.
461728. IARI 10379. Cultivated. Seed.
461729. IARI 10380. Cultivated. Seed.
461730. IARI 10381. Cultivated. Seed.
461731. IARI 10382. Cultivated. Seed.
461732. IARI 10383. Cultivated. Seed.
461733. IARI 10384. Cultivated. Seed.
461734. IARI 10385. Cultivated. Seed.
461735. IARI 10386. Cultivated. Seed.
461736. IARI 10387. Cultivated. Seed.
461737. IARI 10388. Cultivated. Seed.
461738. IARI 10389. Cultivated. Seed.
461739. IARI 10390. Cultivated. Seed.
461740. IARI 10391. Cultivated. Seed.

461519 TO 462018-continued

461741. IARI 10392. Cultivated. Seed.
461742. IARI 10393. Cultivated. Seed.
461743. IARI 10394. Cultivated. Seed.
461744. IARI 10395. Cultivated. Seed.
461745. IARI 10396. Cultivated. Seed.
461746. IARI 10397. Cultivated. Seed.
461747. IARI 10398. Cultivated. Seed.
461748. IARI 10399. Cultivated. Seed.
461749. IARI 10400. Cultivated. Seed.
461750. IARI 10401. Cultivated. Seed.
461751. IARI 10402. Cultivated. Seed.
461752. IARI 10403. Cultivated. Seed.
461753. IARI 10404. Cultivated. Seed.
461754. IARI 10405. Cultivated. Seed.
461755. IARI 10406. Cultivated. Seed.
461756. IARI 10407. Cultivated. Seed.
461757. IARI 10408. Cultivated. Seed.
461758. IARI 10409. Cultivated. Seed.
461759. IARI 10410. Cultivated. Seed.
461760. IARI 10411. Cultivated. Seed.
461761. IARI 10412. Cultivated. Seed.
461762. IARI 10413. Cultivated. Seed.
461763. IARI 10414. Cultivated. Seed.
461764. IARI 10415. Cultivated. Seed.
461765. IARI 10416. Cultivated. Seed.
461766. IARI 10417. Cultivated. Seed.

461519 TO 462018-continued

461767. IARI 10418. Cultivated. Seed.
461768. IARI 10419. Cultivated. Seed.
461769. IARI 10420. Cultivated. Seed.
461770. IARI 10421. Cultivated. Seed.
461771. IARI 10422. Cultivated. Seed.
461772. IARI 10423. Cultivated. Seed.
461773. IARI 10424. Cultivated. Seed.
461774. IARI 10425. Cultivated. Seed.
461775. IARI 10426. Cultivated. Seed.
461776. IARI 10427. Cultivated. Seed.
461777. IARI 10428. Cultivated. Seed.
461778. IARI 10429. Cultivated. Seed.
461779. IARI 10430. Cultivated. Seed.
461780. IARI 10431. Cultivated. Seed.
461781. IARI 10432. Cultivated. Seed.
461782. IARI 10433. Cultivated. Seed.
461783. IARI 10434. Cultivated. Seed.
461784. IARI 10435. Cultivated. Seed.
461785. IARI 10436. Cultivated. Seed.
461786. IARI 10437. Cultivated. Seed.
461787. IARI 10438. Cultivated. Seed.
461788. IARI 10439. Cultivated. Seed.
461789. IARI 10440. Cultivated. Seed.
461790. IARI 10441. Cultivated. Seed.
461791. IARI 10442. Cultivated. Seed.
461792. IARI 10443. Cultivated. Seed.

461519 TO 462018-continued

461793. IARI 10444. Cultivated. Seed.
461794. IARI 10445. Cultivated. Seed.
461795. IARI 10446. Cultivated. Seed.
461796. IARI 10447. Cultivated. Seed.
461797. IARI 10448. Cultivated. Seed.
461798. IARI 10449. Cultivated. Seed.
461799. IARI 10450. Cultivated. Seed.
461800. IARI 10451. Cultivated. Seed.
461801. IARI 10452. Cultivated. Seed.
461802. IARI 10453. Cultivated. Seed.
461803. IARI 10454. Cultivated. Seed.
461804. IARI 10455. Cultivated. Seed.
461805. IARI 10456. Cultivated. Seed.
461806. IARI 10457. Cultivated. Seed.
461807. IARI 10458. Cultivated. Seed.
461808. IARI 10459. Cultivated. Seed.
461809. IARI 10460. Cultivated. Seed.
461810. IARI 10461. Cultivated. Seed.
461811. IARI 10462. Cultivated. Seed.
461812. IARI 10463. Cultivated. Seed.
461813. IARI 10464. Cultivated. Seed.
461814. IARI 10465. Cultivated. Seed.
461815. IARI 10466. Cultivated. Seed.
461816. IARI 10467. Cultivated. Seed.
461817. IARI 10468. Cultivated. Seed.
461818. IARI 10469. Cultivated. Seed.

461519 TO 462018-continued

461819. IARI 10470. Cultivated. Seed.
461820. IARI 10471. Cultivated. Seed.
461821. IARI 10472. Cultivated. Seed.
461822. IARI 10473. Cultivated. Seed.
461823. IARI 10474. Cultivated. Seed.
461824. IARI 10475. Cultivated. Seed.
461825. IARI 10476. Cultivated. Seed.
461826. IARI 10477. Cultivated. Seed.
461827. IARI 10478. Cultivated. Seed.
461828. IARI 10479. Cultivated. Seed.
461829. IARI 10480. Cultivated. Seed.
461830. IARI 10481. Cultivated. Seed.
461831. IARI 10482. Cultivated. Seed.
461832. IARI 10483. Cultivated. Seed.
461833. IARI 10484. Cultivated. Seed.
461834. IARI 10485. Cultivated. Seed.
461835. IARI 10486. Cultivated. Seed.
461836. IARI 10487. Cultivated. Seed.
461837. IARI 10488. Cultivated. Seed.
461838. IARI 10489. Cultivated. Seed.
461839. IARI 10490. Cultivated. Seed.
461840. IARI 10491. Cultivated. Seed.
461841. IARI 10492. Cultivated. Seed.
461842. IARI 10493. Cultivated. Seed.
461843. IARI 10494. Cultivated. Seed.
461844. IARI 10495. Cultivated. Seed.

461519 TO 462018-continued

461845. IARI 10496. Cultivated. Seed.
461846. IARI 10497. Cultivated. Seed.
461847. IARI 10498. Cultivated. Seed.
461848. IARI 10499. Cultivated. Seed.
461849. IARI 10500. Cultivated. Seed.
461850. IARI 10501. Cultivated. Seed.
461851. IARI 10502. Cultivated. Seed.
461852. IARI 10503. Cultivated. Seed.
461853. IARI 10504. Cultivated. Seed.
461854. IARI 10505. Cultivated. Seed.
461855. IARI 10506. Cultivated. Seed.
461856. IARI 10507. Cultivated. Seed.
461857. IARI 10508. Cultivated. Seed.
461858. IARI 10509. Cultivated. Seed.
461859. IARI 10510. Cultivated. Seed.
461860. IARI 10511. Cultivated. Seed.
461861. IARI 10512. Cultivated. Seed.
461862. IARI 10513. Cultivated. Seed.
461863. IARI 10514. Cultivated. Seed.
461864. IARI 10515. Cultivated. Seed.
461865. IARI 10516. Cultivated. Seed.
461866. IARI 10517. Cultivated. Seed.
461867. IARI 10518. Cultivated. Seed.
461868. IARI 10519. Cultivated. Seed.
461869. IARI 10520. Cultivated. Seed.
461870. IARI 10521. Cultivated. Seed.

461519 TO 462018-continued

461871. IARI 10522. Cultivated. Seed.
461872. IARI 10523. Cultivated. Seed.
461873. IARI 10524. Cultivated. Seed.
461874. IARI 10525. Cultivated. Seed.
461875. IARI 10526. Cultivated. Seed.
461876. IARI 10527. Cultivated. Seed.
461877. IARI 10528. Cultivated. Seed.
461878. IARI 10529. Cultivated. Seed.
461879. IARI 10530. Cultivated. Seed.
461880. IARI 10531. Cultivated. Seed.
461881. IARI 10532. Cultivated. Seed.
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461883. IARI 10534. Cultivated. Seed.
461884. IARI 10535. Cultivated. Seed.
461885. IARI 10536. Cultivated. Seed.
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461892. IARI 10543. Cultivated. Seed.
461893. IARI 10544. Cultivated. Seed.
461894. IARI 10545. Cultivated. Seed.
461895. IARI 10546. Cultivated. Seed.
461896. IARI 10547. Cultivated. Seed.

461519 TO 462018-continued

461897. IARI 10548. Cultivated. Seed.
461898. IARI 10549. Cultivated. Seed.
461899. IARI 10550. Cultivated. Seed.
461900. IARI 10551. Cultivated. Seed.
461901. IARI 10552. Cultivated. Seed.
461902. IARI 10553. Cultivated. Seed.
461903. IARI 10554. Cultivated. Seed.
461904. IARI 10555. Cultivated. Seed.
461905. IARI 10556. Cultivated. Seed.
461906. IARI 10557. Cultivated. Seed.
461907. IARI 10558. Cultivated. Seed.
461908. IARI 10559. Cultivated. Seed.
461909. IARI 10560. Cultivated. Seed.
461910. IARI 10561. Cultivated. Seed.
461911. IARI 10562. Cultivated. Seed.
461912. IARI 10564. Cultivated. Seed.
461913. IARI 10565. Cultivated. Seed.
461914. IARI 10566. Cultivated. Seed.
461915. IARI 10567. Cultivated. Seed.
461916. IARI 10568. Cultivated. Seed.
461917. IARI 10569. Cultivated. Seed.
461918. IARI 10570. Cultivated. Seed.
461919. IARI 10571. Cultivated. Seed.
461920. IARI 10572. Cultivated. Seed.
461921. IARI 10573. Cultivated. Seed.
461922. IARI 10574. Cultivated. Seed.

461519 TO 462018-continued

461923. IARI 10575. Cultivated. Seed.
461924. IARI 10576. Cultivated. Seed.
461925. IARI 10577. Cultivated. Seed.
461926. IARI 10578. Cultivated. Seed.
461927. IARI 10579. Cultivated. Seed.
461928. IARI 10580. Cultivated. Seed.
461929. IARI 10581. Cultivated. Seed.
461930. IARI 10582. Cultivated. Seed.
461931. IARI 10583. Cultivated. Seed.
461932. IARI 10584. Cultivated. Seed.
461933. IARI 10585. Cultivated. Seed.
461934. IARI 10586. Cultivated. Seed.
461935. IARI 10587. Cultivated. Seed.
461936. IARI 10588. Cultivated. Seed.
461937. IARI 10589. Cultivated. Seed.
461938. IARI 10590. Cultivated. Seed.
461939. IARI 10591. Cultivated. Seed.
461940. IARI 10592. Cultivated. Seed.
461941. IARI 10593. Cultivated. Seed.
461942. IARI 10594. Cultivated. Seed.
461943. IARI 10595. Cultivated. Seed.
461944. IARI 10596. Cultivated. Seed.
461945. IARI 10597. Cultivated. Seed.
461946. IARI 10598. Cultivated. Seed.
461947. IARI 10599. Cultivated. Seed.
461948. IARI 10600. Cultivated. Seed.

461519 TO 462018-continued

461949. IARI 10601. Cultivated. Seed.
461950. IARI 10602. Cultivated. Seed.
461951. IARI 10603. Cultivated. Seed.
461952. IARI 10604. Cultivated. Seed.
461953. IARI 10605. Cultivated. Seed.
461954. IARI 10606. Cultivated. Seed.
461955. IARI 10607. Cultivated. Seed.
461956. IARI 10608. Cultivated. Seed.
461957. IARI 10609. Cultivated. Seed.
461958. IARI 10610. Cultivated. Seed.
461959. IARI 10611. Cultivated. Seed.
461960. IARI 10612. Cultivated. Seed.
461961. IARI 10613. Cultivated. Seed.
461962. IARI 10614. Cultivated. Seed.
461963. IARI 10615. Cultivated. Seed.
461964. IARI 10616. Cultivated. Seed.
461965. IARI 10617. Cultivated. Seed.
461966. IARI 10618. Cultivated. Seed.
461967. IARI 10619. Cultivated. Seed.
461968. IARI 10620. Cultivated. Seed.
461969. IARI 10621. Cultivated. Seed.
461970. IARI 10622. Cultivated. Seed.
461971. IARI 10624. Cultivated. Seed.
461972. IARI 10625. Cultivated. Seed.
461973. IARI 10626. Cultivated. Seed.
461974. IARI 10627. Cultivated. Seed.

461519 TO 462018-continued

461975. IARI 10628. Cultivated. Seed.
461976. IARI 10629. Cultivated. Seed.
461977. IARI 10630. Cultivated. Seed.
461978. IARI 10631. Cultivated. Seed.
461979. IARI 10632. Cultivated. Seed.
461980. IARI 10633. Cultivated. Seed.
461981. IARI 10634. Cultivated. Seed.
461982. IARI 10635. Cultivated. Seed.
461983. IARI 10636. Cultivated. Seed.
461984. IARI 10637. Cultivated. Seed.
461985. IARI 10638. Cultivated. Seed.
461986. IARI 10639. Cultivated. Seed.
461987. IARI 10640. Cultivated. Seed.
461988. IARI 10641. Cultivated. Seed.
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461990. IARI 10643. Cultivated. Seed.
461991. IARI 10644. Cultivated. Seed.
461992. IARI 10645. Cultivated. Seed.
461993. IARI 10646. Cultivated. Seed.
461994. IARI 10647. Cultivated. Seed.
461995. IARI 10648. Cultivated. Seed.
461996. IARI 10649. Cultivated. Seed.
461997. IARI 10650. Cultivated. Seed.
461998. IARI 10651. Cultivated. Seed.
461999. IARI 10652. Cultivated. Seed.
462000. IARI 10653. Cultivated. Seed.

461519 TO 462018-continued

- 462001. IARI 10654. Cultivated. Seed.
- 462002. IARI 10655. Cultivated. Seed.
- 462003. IARI 10656. Cultivated. Seed.
- 462004. IARI 10657. Cultivated. Seed.
- 462005. IARI 10658. Cultivated. Seed.
- 462006. IARI 10659. Cultivated. Seed.
- 462007. IARI 10660. Cultivated. Seed.
- 462008. IARI 10661. Cultivated. Seed.
- 462009. IARI 10662. Cultivated. Seed.
- 462010. IARI 10686. Cultivated. Seed.
- 462011. IARI 10693. Cultivated. Seed.
- 462012. IARI 10839. Cultivated. Seed.
- 462013. IARI 10873. Cultivated. Seed.
- 462014. IARI 10890. Cultivated. Seed.
- 462015. IARI 10952. Cultivated. Seed.
- 462016. IARI 10958. Cultivated. Seed.
- 462017. IARI 10970. Cultivated. Seed.
- 462018. IARI 10999. Cultivated. Seed.

462019 TO 462024. *Cicer arietinum* L. (Fabaceae) Chickpea.

From Syria. K. B. Singh, International Center for Agricultural
Research in the Dry Areas, Aleppo.
Received August 1981.

- 462019. ILC 73. Spain. El Encin. Instituto Nacional de
Investigaciones Agrarias. Lot No. 4. Cultivated. Seed.
- 462020. ILC 97. Spain. El Encin. Instituto Nacional de
Investigaciones Agrarias. Lot No. 24. Cultivated. Seed.
- 462021. ILC 100. Spain. El Encin. Instituto Nacional de
Investigaciones Agrarias. Lot No. 27. Cultivated. Seed.

462019 TO 462024-continued

462022. ILC 155. Greece. Larissa. Institute for Fodder Crops. No. 1859/103-1891/107-2415/120. Cultivated. Seed.
462023. ILC 171. Tunisia. T 19 et 37 F. Cultivated. Seed.
462024. ILC 496. Turkey. Menemen-Izmir. P.I.C. Acc. 31510-70 Amasya. Cultivated. Seed.

462025 TO 462026. *Phaseolus acutifolius* A. Gray (Fabaceae) Tepary bean.

From United States. Redwood City Seed Company, Redwood City, California.
Received July 1981.

462025. United States. Papago & Pima Indian Reservation near Tucson, Arizona. Seeds light-brown. From 1981 catalog listing. Cultivated. Seed.
462026. United States. Papago & Pima Indian Reservation near Tucson, Arizona. Seeds white with light green tint. From 1981 catalog listing. Cultivated. Seed.

462027. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Yemen Arab Republic. N. R. Sackville-Hamilton, International Board of Plant Genetic Resources/Yemen Ministry of Agriculture, FAO, Rome, Italy.
Received July 1981.

254. Yemen Arab Republic. Collected December 13, 1980. Market, Suq Aswaiq, 15km N of Ibb, Al Makhadir Dist., Ibb Province. 1440M. Lat. 14 deg. 06' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds mainly white, medium-sized, some mottled dark on pale background. Local name Kuseri. Cultivated. Seed.

462028 TO 462104. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Yemen Arab Republic. N. R. Sackville-Hamilton, International Board of Plant Genetic Resources/Yemen Ministry of Agriculture, FAO, Rome, Italy.
Received July 1981.

462028. 10. Yemen Arab Republic. Collected November 18, 1980. Store, Al Zabab near Al Misrakh, Jabal Habashi Dist., Taiz Province. 1340M. Lat. 13 deg. 31' N, long. 43 deg. 57' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads compact, large, erect. Calyces dark. Seeds plump, orange. Irrigated. Cultivated. Seed.

462028 TO 462104-continued

462029. 11. Yemen Arab Republic. Collected November 18, 1980. Field, Al Zabab near Al Misrakh, Jabal Habashi Dist., Taiz Province. 1340M. Lat. 13 deg. 31' N, long. 43 deg. 57' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads compact, drooping. Calyces light to dark. Seeds orange. Cultivated. Seed.
462030. 19. Yemen Arab Republic. Collected November 19, 1980. Store, Sana'a, 10km S of At Turba, Turbat ash Shama'itayn Dist., Taiz Prov. 1720M. Lat. 13 deg. 09' N, long. 44 deg. 08' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds cream-colored with small darker specks, dimpled. Local name Thora Baitha. Cultivated. Seed.
462031. 20. Yemen Arab Republic. Collected November 19, 1980. Store, Sana'a, 10km S of At Turba, Turbat ash Shama'itayn Dist., Taiz Prov. 1720M. Lat. 13 deg. 09' N, long. 44 deg. 08' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces black. Seeds wrinkled, dimpled, pale to dark orange. Local name Garib. Cultivated. Seed.
462032. 26. Yemen Arab Republic. Collected November 19, 1980. Store, 8km S of At Turba, Turbat ash Shama'itayn Dist., Taiz Province. 1800M. Lat. 13 deg. 11' N, long. 44 deg. 07' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds wrinkled, orange. Cultivated. Seed.
462033. 27. Yemen Arab Republic. Collected November 19, 1980. Store, 8km S of At Turba, Turbat ash Shama'itayn Dist., Taiz Province. 1800M. Lat. 13 deg. 11' N, long. 44 deg. 07' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds round, pale yellow. Cultivated. Seed.
462034. 45. Yemen Arab Republic. Collected November 20, 1980. Market, Taiz, Taizziyah Dist., Taiz Province. Lat. 13 deg. 31' N, long. 44 deg. 01' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds pale with red spots. Local name Munzala. Cultivated. Seed.
462035. 46. Yemen Arab Republic. Collected November 20, 1980. Market, Taizziyah Dist., Taiz Province. Lat. 13 deg. 31' N, long. 44 deg. 01' E. Original source Nashit, 15km NNE of Taiz. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds small, dark brown and red. Cultivated. Seed.
462036. 50. Yemen Arab Republic. Collected November 20, 1980. Market, Taiz, Taizziyah Dist., Taiz Province. Lat. 13 deg. 31' N, long. 44 deg. 01' E. Original source Shurman, 50km N of Hawiyah. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds small, wrinkled, dark red-brown. Cultivated. Seed.

462028 TO 462104-continued

462037. 52. Yemen Arab Republic. Collected November 20, 1980. Market, Taiz, Taizziyah Dist., Taiz Province. Lat. 13 deg. 31' N, long. 44 deg. 01' E. Original source Shurman, 50km N of Hawiyah. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds round, yellow, speckled red and black. Cultivated. Seed.
462038. 54. Yemen Arab Republic. Collected November 20, 1980. Field, near road to Ibb, 13km NE of Taiz, Taizziyah Dist., Taiz Province. 1550M. Lat. 13 deg. 37' N, long. 44 deg. 07' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plants 3m tall. Flower heads drooping. Seeds pale yellow. Cultivated. Seed.
462039. 55. Yemen Arab Republic. Collected November 20, 1980. Field, near road to Ibb, 13km NE of Taiz, Taizziyah Dist., Taiz Province. 1550M. Lat. 13 deg. 37' N, long. 44 deg. 07' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds dark. From same field as no. 54. Cultivated. Seed.
462040. 57. Yemen Arab Republic. Collected November 20, 1980. Field, Orab, 24km NE of Taiz, Taizziyah Dist., Taiz Province. 1600M. Lat. 13 deg. 42' N, long. 44 deg. 08' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plants 2m tall. Cultivated. Seed.
462041. 61. Yemen Arab Republic. Collected November 20, 1980. Field, As Sayyani, 39km NE of Taiz, As Sayyani Dist., Ibb Province. 1800M. Lat. 13 deg. 49' N, long. 44 deg. 10' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plants 3-4m tall. Stems thick. Calyces pale. Seeds pale yellow. Local name Khadesi. Cultivated. Seed.
462042. 62. Yemen Arab Republic. Collected November 20, 1980. Field, As Sayyani, 39km NE of Taiz, As Sayyani Dist., Ibb Province. 1800M. Lat. 13 deg. 49' N, long. 44 deg. 10' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces pale. Seeds red and brown. Local name Sormi. Cultivated. Seed.
462043. 63. Yemen Arab Republic. Collected November 20, 1980. Field, As Sayyani, 39km NE of Taiz, As Sayyani Dist., Ibb Province. 1800M. Lat. 13 deg. 49' N, long. 44 deg. 10' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces dark. Seeds pale. Local name Gobhri. Cultivated. Seed.
462044. 64. Yemen Arab Republic. Collected November 20, 1980. Field beside main road, 47km N of Taiz, As Sayyani Dist., Ibb Province. 2220M. Lat. 13 deg. 51' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A.

462028 TO 462104-continued

- Khawlani. Plants variable in color, compactness, and height. Inflorescences strongly recurved. Cultivated. Seed.
462045. 66. Yemen Arab Republic. Collected November 20, 1980. Field, 57km N of Taiz, Jiblah Dist., Ibb Province. 2260M. Lat. 13 deg. 55' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds variable in color. Cultivated. Seed.
462046. 70. Yemen Arab Republic. Collected November 23, 1980. Field, 114km from Al Marawi'ah, Manakhah & Bari Isma'il Dist., Sana'a Prov. 1000M. Lat. 15 deg. 05' N, long. 43 deg. 46' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Inflorescences variable in color and compactness. Cultivated. Seed.
462047. 72. Yemen Arab Republic. Collected November 24, 1980. Field, Wadi Surdud, 2km E of Ad Dahi, Ad Dahi Dist., Hudaydah Province. 80M. Lat. 15 deg. 13' N, long. 43 deg. 05' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Arid area with short growing season. Seeds red. Local name Hamra. Cultivated. Seed.
462048. 74. Yemen Arab Republic. Collected November 24, 1980. Field, Wadi Surdud, 4km E of Ad Dahi, Ad Dahi Dist., Hudaydah Province. 90M. Lat. 15 deg. 13' N, long. 43 deg. 06' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads loose. Seeds red. Cultivated. Seed.
462049. 75. Yemen Arab Republic. Collected November 24, 1980. Field, Wadi Surdud, 8km E of Ad Dahi, Ad Dahi Dist., Hudaydah Province. 150M. Lat. 15 deg. 14' N, long. 43 deg. 09' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds white. Cultivated. Seed.
462050. 79. Yemen Arab Republic. Collected November 24, 1980. Store, Safia, Wadi Surdud, Ad Dahi Dist., Hudaydah Province. 180M. Lat. 15 deg. 14' N, long. 43 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Low yield, high quality. Easy to digest. Seeds mottled white and red. Arid area with short growing season (2 months). Local name Zaer. Cultivated. Seed.
462051. 80. Yemen Arab Republic. Collected November 24, 1980. Store, Safia, Wadi Surdud, Ad Dahi Dist., Hudaydah Province. 180M. Lat. 15 deg. 14' N, long. 43 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. High yielding, more difficult to digest than no. 79. Seeds dark red. Arid area with short growing season (2 months). Local name Hamra. Cultivated. Seed.
462052. 81. Yemen Arab Republic. Collected November 25, 1980.

462028 TO 462104-continued

- Field, Wadi Sihan, 2km SE of Ad Durayhimi, Ad Durayhimi Dist., Hudaydah Pro. 10M. Lat. 14 deg. 38' N, long. 43 deg. 04' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Semi-desert. Flower heads loose. Calyces dark. Seeds variable in color and compactness. Mostly mottled white and orange. Cultivated. Seed.
462053. 85. Yemen Arab Republic. Collected November 25, 1980. Market, Ad Durayhimi, Ad Durayhimi Dist., Hudaydah Province. 30M. Lat. 14 deg. 38' N, long. 43 deg. 03' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces black. Seeds variable light to dark red. Local name Harib. Cultivated. Seed.
462054. 86. Yemen Arab Republic. Collected November 25, 1980. Market, Ad Durayhimi, Ad Durayhimi Dist., Hudaydah Province. 30M. Lat. 14 deg. 38' N, long. 43 deg. 03' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces dark. Seeds cream and orange. Cultivated. Seed.
462055. 94. Yemen Arab Republic. Collected November 26, 1980. Al Mansuriyah Dist., Hudaydah Province. 300M. Lat. 14 deg. 41' N, long. 43 deg. 17' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads compact. Calyces dark. Seeds cream and orange. Cultivated. Seed.
462056. 110. Yemen Arab Republic. Collected November 27, 1980. Field, Wadi Rasyan, 2km W of Al Jubayz, Al Mukha Dist., Taiz Province. 80M. Lat. 13 deg. 28' N, long. 43 deg. 28' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Single volunteer plant in irrigated field of millet. Calyces dark. Seeds white. Wild. Seed.
462057. 114. Yemen Arab Republic. Collected November 28, 1980. Field, 1 km N of Mawza', Mawza' Dist., Taiz Province. 170M. Lat. 13 deg. 17' N, long. 43 deg. 30' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads compact, drooping. Calyces and seeds variable in color. Cultivated. Seed.
462058. 116. Yemen Arab Republic. Collected November 28, 1980. Store, Mawza', Mawza' Dist., Taiz Province. 180M. Lat. 13 deg. 16' N, long. 43 deg. 31' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces black. Seeds white. Cultivated. Seed.
462059. 117. Yemen Arab Republic. Collected November 28, 1980. Store, Mawza', Mawza' Dist., Taiz Province. 180M. Lat. 13 deg. 16' N, long. 43 deg. 31' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds orange, slightly wrinkled. Local name Jebeli. Cultivated. Seed.
462060. 118. Yemen Arab Republic. Collected November 28, 1980.

462028 TO 462104-continued

- Store, Mawza', Mawza' Dist., Taiz Province. 180M. Lat. 13 deg. 16' N, long. 43 deg. 31' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds brown. Insect damage. Local name Hagen. Cultivated. Seed.
462061. 120. Yemen Arab Republic. Collected November 28, 1980. Store, Mawza', Mawza' Dist., Taiz Province. 180M. Lat. 13 deg. 16' N, long. 43 deg. 31' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds white, small. Local name Baitha. Cultivated. Seed.
462062. 127. Yemen Arab Republic. Collected November 28, 1980. Field, Wadi Aqana, 42km E of Mawza', Mawza' Dist., Taiz Province. 440M. Lat. 13 deg. 19' N, long. 43 deg. 45' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads small, erect. Calyces black. Seeds white to orange. Cultivated. Seed.
462063. 131. Yemen Arab Republic. Collected November 29, 1980. Store, Akshar, 44km E of Taiz, Al Murayyi'ah Dist., Taiz Province. 1200M. Lat. 13 deg. 38' N, long. 44 deg. 21' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds white. Selected by grower for disease resistance. Local name Thora Baitha. Cultivated. Seed.
462064. 139. Yemen Arab Republic. Collected November 29, 1980. Field, 11km SE of Al Murayyi'ah, Al Murayyi'ah Dist., Taiz Province. 1020M. Lat. 13 deg. 32' N, long. 44 deg. 25' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads very small, compact. Cultivated. Seed.
462065. 144. Yemen Arab Republic. Collected December 02, 1980. Store, Mabyan village, 9km N of Hajjah, Mabyan Dist., Hajjah Province. 1740M. Lat. 15 deg. 44' N, long. 43 deg. 35' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Terraced mountainside with high rainfall. Seeds white. Local name Baitha. Cultivated. Seed.
462066. 145. Yemen Arab Republic. Collected December 02, 1980. Store, Mabyan village, 9km N of Hajjah, Mabyan Dist., Hajjah Province. 1740M. Lat. 15 deg. 44' N, long. 43 deg. 35' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Terraced mountainside with high rainfall. Seeds red. Local name Hamra. Cultivated. Seed.
462067. 146. Yemen Arab Republic. Collected December 02, 1980. Store, Mabyan village, 9km N of Hajjah, Mabyan Dist., Hajjah Province. 1740M. Lat. 15 deg. 44' N, long. 43 deg. 35' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Terraced mountainside with high rainfall. Seeds yellow. Local name Thora Sufra. Cultivated. Seed.

462028 TO 462104-continued

462068. 151. Yemen Arab Republic. Collected December 02, 1980. Market, Hajjah, Hajjah Dist., Hajjah Province. 1620M. Lat. 15 deg. 42' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds white. Local name Thora Baitha. Cultivated. Seed.
462069. 153. Yemen Arab Republic. Collected December 02, 1980. Market, Hajjah, Hajjah Dist., Hajjah Province. 1620M. Lat. 15 deg. 42' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds red. Local name Thora Hamra. Cultivated. Seed.
462070. 161. Yemen Arab Republic. Collected December 03, 1980. Store, Al Sefra, 10km SW of Sa'dah, Sa'dah Dist., Sa'dah Province. 1920M. Lat. 16 deg. 54' N, long. 43 deg. 41' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds yellow. Local name Thora Baitha. Cultivated. Seed.
462071. 165. Yemen Arab Republic. Collected December 03, 1980. Store, Sorabi, 15km W of Sa'dah, Sa'dah Dist., Sa'dah Province. 1900M. Lat. 16 deg. 55' N, long. 43 deg. 41' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds yellowish-white. Local name Thora Baitha. Cultivated. Seed.
462072. 170. Yemen Arab Republic. Collected December 03, 1980. Store, Sawran, 11km W of Sa'dah, Sa'dah Dist., Sa'dah Province. 1920M. Lat. 16 deg. 57' N, long. 43 deg. 40' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds yellowish-white. Local name Thora Baitha. Cultivated. Seed.
462073. 173. Yemen Arab Republic. Collected December 03, 1980. Store, Sawran, 11km W of Sa'dah, Sa'dah Dist., Sa'dah Province. 1920M. Lat. 16 deg. 57' N, long. 43 deg. 40' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds yellowish-white, many mis-shaped. Local name Thora Baitha. Cultivated. Seed.
462074. 177. Yemen Arab Republic. Collected December 04, 1980. Market, Majz, Majz Dist., Sa'dah Province. Lat. 17 deg. 04' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds red. Local name Gharib. Cultivated. Seed.
462075. 178. Yemen Arab Republic. Collected December 04, 1980. Market, Majz, Majz Dist., Sa'dah Province. Lat. 17 deg. 04' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds yellow. Cultivated. Seed.
462076. 180. Yemen Arab Republic. Collected December 04, 1980. Store, Razih, Ghimar Dist., Sa'dah Province. 2070M. Lat.

462028 TO 462104-continued

- 16 deg. 55' N, long. 43 deg. 17' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds pale yellow. Local name Thora Baitha. Cultivated. Seed.
462077. 188. Yemen Arab Republic. Collected December 05, 1980. Store, Al Awaji, Wadi Badr, 26km NE of Razih, Ghimar Dist., Sa'dah Province. 1580M. Lat. 17 deg. 00' N, long. 43 deg. 21' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds red. Local name Hamra. Cultivated. Seed.
462078. 189. Yemen Arab Republic. Collected December 05, 1980. Store, Ma'abar, 44km E of Razih, Saqayn Dist., Sa'dah Province. 1860M. Lat. 16 deg. 59' N, long. 43 deg. 26' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds cream-colored. Cultivated. Seed.
462079. 193. Yemen Arab Republic. Collected December 05, 1980. Store, Al Hamazat, 6km N of Sa'dah, Sa'dah Dist., Sa'dah Province. 1740M. Lat. 16 deg. 59' N, long. 43 deg. 47' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds white. Local name Thora Baitha. Cultivated. Seed.
462080. 195. Yemen Arab Republic. Collected December 05, 1980. Store, Ar Rahib, 20km N of Sa'dah in Wadi Nushur, Sa'dah Dist., Sa'dah Prov. 1730M. Lat. 17 deg. 02' N, long. 43 deg. 46' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds creamy white. Local name Thora Baitha. Cultivated. Seed.
462081. 203. Yemen Arab Republic. Collected December 06, 1980. Store, Al Marbat, Wadi Abdi, 3km SE of Sa'dah, Sa'dah Dist., Sa'dah Prov. 1820M. Lat. 16 deg. 55' N, long. 43 deg. 46' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds cream-colored. Local name Thora Baitha. Cultivated. Seed.
462082. 205. Yemen Arab Republic. Collected December 08, 1980. Market, Manakhah, Manakhah & Bani Isma'il Dist., Sana'a Province. 2150M. Lat. 15 deg. 04' N, long. 43 deg. 44' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds variable in color. Three main types: 1) deep orange 2) orange/white 3) creamy white, mottled orange. Local name Harazi. Cultivated. Seed.
462083. 206. Yemen Arab Republic. Collected December 08, 1980. Market, Manakhah, Manakhah & Bani Isma'il Dist., Sana'a Province. 2150M. Lat. 15 deg. 04' N, long. 43 deg. 44' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds similar to sample no. 205. Cultivated. Seed.
462084. 216. Yemen Arab Republic. Collected December 09, 1980. Field, 10km NE of Al Mansuriyah, As Suknah Dist., Hudaydah Province. 260M. Lat. 14 deg. 44' N, long. 43 deg.

462028 TO 462104-continued

- 22' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads fairly loose, erect. Calyces and seeds variable in color. Cultivated. Seed.
462085. 220. Yemen Arab Republic. Collected December 09, 1980. Field, 12km NE of Al Mansuriyah, As Suknah Dist., Hudaydah Province. 280M. Lat. 14 deg. 45' N, long. 43 deg. 23' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Three distinct types: 1) Plants 2m tall. Flower heads large, loose, erect. Seeds white. 2) Plants 1-1.5m tall. Flower heads small, compact, erect. Calyces black. 3) Intermediate. Cultivated. Seed.
462086. 229. Yemen Arab Republic. Collected December 10, 1980. Store, Wadi Zabid, 23km E of Al Jarahi, Jabal Ras Dist., Hudaydah Prov. 420M. Lat. 14 deg. 06' N, long. 43 deg. 35' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads large, compact, erect. Calyces black. Seeds dark orange, wrinkled, some pale. Cultivated. Seed.
462087. 230. Yemen Arab Republic. Collected December 10, 1980. Field, 48km E of Al Jarahi, Wasab as Safil Dist., Sana'a Province. 710M. Lat. 14 deg. 08' N, long. 43 deg. 45' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads large, erect. Calyces black. Seeds variable in color, white to deep orange. Cultivated. Seed.
462088. 231. Yemen Arab Republic. Collected December 11, 1980. Field, Wadi Sukhman, 20km SE of Al Ahad, Wasab al Ali Dist., Sana'a Prov. 880M. Lat. 14 deg. 12' N, long. 43 deg. 43' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plant height variable, 1-3m. Flower heads variable small, compact to large, loose. Calyces and seeds variable white to dark. Cultivated. Seed.
462089. 233. Yemen Arab Republic. Collected December 11, 1980. Field, 15km SE of Al Ahad, Wasab as Safil Dist., Sana'a Province. 900M. Lat. 14 deg. 14' N, long. 43 deg. 44' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plants 2-3m tall. Stems thin. Flower heads very loose. Awns present. Calyces black. Seeds orange. Higher quality bread and fodder than other varieties. Local name Sormi. Cultivated. Seed.
462090. 234. Yemen Arab Republic. Collected December 11, 1980. Store, Jarajer, 50km SE of Mishrafah, Wasab al Ali Dist., Sana'a Province. 980M. Lat. 14 deg. 15' N, long. 43 deg. 45' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds variable in color from dark orange to pale. Local name Hamra Gharib. Cultivated. Seed.
462091. 236. Yemen Arab Republic. Collected December 11, 1980.

462028 TO 462104-continued

- Store, Bayt al Ghaban, Wasab as Safil Dist., Sana'a Province. 880M. Lat. 14 deg. 17' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Originated from Mishrafah. Seeds small, white. Local name Gaira'a. Cultivated. Seed.
462092. 238. Yemen Arab Republic. Collected December 11, 1980. Store, Bayt al Ghaban, Wasab as Safil Dist., Sana'a Province. 880M. Lat. 14 deg. 17' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds mixed orange and white. Growing season 3 months. Good quality bread. Local name Jibali. Cultivated. Seed.
462093. 239. Yemen Arab Republic. Collected December 11, 1980. Store, Bayt al Ghaban, Wasab as Safil Dist., Sana'a Province. 880M. Lat. 14 deg. 17' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds large, pale. Growing season 5 months. Local name Khubari. Cultivated. Seed.
462094. 240. Yemen Arab Republic. Collected December 11, 1980. Store, Bayt al Ghaban, Wasab as Safil Dist., Sana'a Province. 880M. Lat. 14 deg. 17' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Originated from Mishrafah. Seeds small, dark red. Cultivated. Seed.
462095. 242. Yemen Arab Republic. Collected December 11, 1980. Field, Mahawiyah, Wadi Rima, 19km E of Al Husayniyah, Zabid, Hudaydah. 380M. Lat. 14 deg. 22' N, long. 43 deg. 29' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Plants 3-4m tall. Flower heads loose, erect. Seeds white. Cultivated. Seed.
462096. 249. Yemen Arab Republic. Collected December 13, 1980. Market, Sug Aswaiq, 15km N of Ibb by main road, Al Makhadir Dist., Ibb Prov. 1440M. Lat. 14 deg. 06' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces red and brown. Seeds large, red. Cultivated. Seed.
462097. 250. Yemen Arab Republic. Collected December 13, 1980. Market, Sug Aswaiq, 15km N of Ibb by main road, Al Makhadir Dist., Ibb Prov. 1440M. Lat. 14 deg. 06' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Originated 6km E of Sug. Seeds pale yellow. Cultivated. Seed.
462098. 251. Yemen Arab Republic. Collected December 13, 1980. Market, Sug Aswaiq, 15km N of Ibb by main road, Al Makhadir Dist., Ibb Prov. 1440M. Lat. 14 deg. 06' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Originated at As Sharaf, 20km E of Sug.

462028 TO 462104-continued

Plants tall. Flower heads large, compact, drooping. Seeds yellow with small red specks, some red. Cultivated. Seed.

462099. 252. Yemen Arab Republic. Collected December 13, 1980. Market, Suq Aswaiq, 15km N of Ibb by main road, Al Makhadir Dist., Ibb Prov. 1440M. Lat. 14 deg. 06' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Calyces dark brown. Seeds dark red. Cultivated. Seed.
462100. 255. Yemen Arab Republic. Collected December 13, 1980. Market, Suq Aswaiq, 15km N of Ibb by main road, Al Makhadir Dist., Ibb Prov. 1440M. Lat. 14 deg. 06' N, long. 44 deg. 11' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds white. Cultivated. Seed.
462101. 266. Yemen Arab Republic. Collected December 14, 1980. Field, 2km E of Al Kawlah, 26km E of Dhamar, Dhamar Dist. 2200M. Lat. 14 deg. 27' N, long. 44 deg. 36' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads small. Seeds variable pale to dark. Cultivated. Seed.
462102. 270. Yemen Arab Republic. Collected December 14, 1980. Al Bayda Dist., Al Bayda Province. 2000M. Lat. 13 deg. 59' N, long. 45 deg. 36' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds white. Cultivated. Seed.
462103. 277. Yemen Arab Republic. Collected December 15, 1980. Store, 15km W of Al Bayda, Al Humayqan Dist., Al Bayda Province. Lat. 13 deg. 57' N, long. 45 deg. 30' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Flower heads large, compact. Calyces white. Seeds cream-colored. Local name Thora Baitha. Cultivated. Seed.
462104. 281. Yemen Arab Republic. Collected December 15, 1980. Store, Dhi Na'im, 25km NW of Al Bayda, Dhi Na'im dist., Al Bayda Province. 1740M. Lat. 14 deg. 06' N, long. 45 deg. 27' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds pale. Local name Thora Baitha. Cultivated. Seed.

462105 TO 462111. *Triticum aestivum* L. (Poaceae) Common wheat.

From Yemen Arab Republic. N. R. Sackville-Hamilton, International Board of Plant Genetic Resources/Yemen Ministry of Agriculture, FAO, Rome, Italy.
Received July 1981.

462105. 9. Yemen Arab Republic. Collected November 18, 1980. Field, Thomaren, S of Taiz, Sabir & Al Mawadin Dist.,

462105 TO 462111-continued

- Taiz Province. 2500M. Lat. 13 deg. 31' N, long. 44 deg. 02' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Mixed with *T. durum*. Awned and awnless. Cultivated. Seed.
462106. 162. Yemen Arab Republic. Collected December 03, 1980. Store, Al Sefra, 10km W of Sa'dah, Sa'dah Dist., Sa'dah Province. 1920M. Lat. 16 deg. 54' N, long. 43 deg. 41' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Local name Bohr Gamh. Cultivated. Seed.
462107. 172. Yemen Arab Republic. Collected December 03, 1980. Store, Sawran, 11km W of Sa'dah, Sa'dah Dist., Sa'dah Province. 1920M. Lat. 16 deg. 57' N, long. 43 deg. 40' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Cultivated. Seed.
462108. 175. Yemen Arab Republic. Collected December 06, 1980. Market, Majz, Majz Dist., Sa'dah Province. Lat. 17 deg. 04' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Local name Bohr. Cultivated. Seed.
462109. 197. Yemen Arab Republic. Collected December 05, 1980. Store, Ar Rahib, Wadi Nushur, 20km N of Sa'dah, Sa'dah Dist., Sa'dah Prov. 1730M. Lat. 17 deg. 02' N, long. 43 deg. 46' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Cultivated. Seed.
462110. 202. Yemen Arab Republic. Collected December 06, 1980. Store, Al Harbat, Wadi Abdi, 3km SE of Sa'dah, Sa'dah Dist., Sa'dah Prov. 1820M. Lat. 16 deg. 55' N, long. 43 deg. 46' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Local name Bohr. Cultivated. Seed.
462111. 280. Yemen Arab Republic. Collected December 15, 1980. Store, Dhi Na'im, 25km NW of Al Bayda, Dhi Na'im Dist., Al Bayda Province. 1740M. Lat. 14 deg. 06' N, long. 45 deg. 27' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Two growing seasons: 3 month season if sown in July, due to more water in summer; 4 month season if sown in December. Cultivated. Seed.

462112 TO 462121. *Zea mays* L. (Poaceae) Field corn.

From Yemen Arab Republic. N. R. Sackville-Hamilton, International Board of Plant Genetic Resources/Yemen Ministry of Agriculture, FAO, Rome, Italy.
Received July 1981.

462112. 49. Yemen Arab Republic. Collected November 20, 1980. Market, Taiz, Taizziyah Dist., Taiz Province. Lat. 13 deg.

462112 TO 462121-continued

- 31' N, long. 44 deg. 01' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Mixed sample of two varieties from two separate fields. One white seeded, one orange seeded. Cultivated. Seed.
462113. 51. Yemen Arab Republic. Collected November 20, 1980. Market, Taiz, Taizziyah Dist., Taiz Province. Lat. 13 deg. 31' N, long. 44 deg. 01' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. The orange seeded variety from sample #49. Cultivated. Seed.
462114. 104. Yemen Arab Republic. Collected November 27, 1980. Field, Wadi Rasyan, 1 km W of main road, Mauza Dist., Taiz Province. 200M. Lat. 13 deg. 26' N, long. 43 deg. 32' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Cobs small. Local name Hind Sukari. Cultivated. Seed.
462115. 134. Yemen Arab Republic. Collected November 29, 1980. Store, Akshar, 44km E of Taiz, Mauriyah Dist., Taiz Province. 1200M. Lat. 13 deg. 38' N, long. 44 deg. 21' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Cultivated. Seed.
462116. 155. Yemen Arab Republic. Collected December 02, 1980. Market, Hajjah, Al Misrah Dist., Taiz Province. 1070M. Lat. 15 deg. 42' N, long. 43 deg. 36' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Cultivated. Seed.
462117. 190. Yemen Arab Republic. Collected December 05, 1980. Store, Ma'abar, 44km E of Razih, Saqayn Dist., Sa'dah Province. 1860M. Lat. 16 deg. 59' N, long. 43 deg. 26' E. Collected by N. R. Sackville-Hamilton and H. A. Ashwal. Seeds pale. Cultivated. Seed.
462118. 228. Yemen Arab Republic. Collected December 10, 1980. Field, 23km E of Al Jarahi in Wadi Zabid, Jabal Ras Dist., Hudaydah Prov. 420M. Lat. 14 deg. 06' N, long. 63 deg. 35' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Cob 10cm long. Seeds dark orange. Cultivated. Seed.
462119. 235. Yemen Arab Republic. Collected December 11, 1980. Store, Jarajer, 50km SE of Mishrafah, Wasab al Ail Dist., Sana'a Province. 980M. Lat. 14 deg. 15' N, long. 43 deg. 45' E. Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani. Seeds small, intermediate between the two main local varieties. 1) Small, red, 2 1/2 month season. 2) Large, yellow, 3 month season. Local name Mutuosod. Cultivated. Seed.
462120. 237. Yemen Arab Republic. Collected December 11, 1980. Store, 19km S of Mishrafah, Wasab as Safil Dist., Sana'a

462112 TO 462121-continued

Province. 880M. Lat. 14 deg. 17' N, long. 43 deg. 36' E.
Collected by N. R. Sackville-Hamilton and M.A.A. Khawlani.
Cultivated. Seed.

462121. 247. Yemen Arab Republic. Collected December 13, 1980.
Market, 15km N of Ibb by main road, Al Makhadir Dist.,
Ibb Province. 1440M. Lat. 14 deg. 06' N, long. 46 deg.
11' E. Collected by N. R. Sackville-Hamilton and M.A.A.
Khawlani. Cultivated. Seed.

462122 TO 462123. *Stokesia laevis* (Hill) Greene (Asteraceae) Stokes' aster.

From United States. Geo. W. Park Seed Co., Inc., Greenwood, South Carolina. Code numbers refer to 1980 Catalog designations.
Received August 1981.

462122. 1947. United States. Flowers white. Perennial Herb.
Cultivated. Seed.

462123. 1951. United States. Flowers blue. Perennial Herb.
Cultivated. Seed.

462124 TO 462125. *Helianthus annuus* L. (Asteraceae) Sunflower.

From United States. F.K. Johnson, Hybrid Seed Division, Red River Commodities, Inc., Fargo, North Dakota.
Received August 1981.

462124. 'Chernyanka'. Argentina. Balcarce. Instituto Nacional de Tecnologia Agropecuaria. Originally from Russia. Selected in Argentina for improved disease resistance and vigor. Grown only in the Balcarce area. Plants late maturing, variable. Cultivated. Cultivar. Seed.

462125. 'Comangir'. Argentina. Pergamino. Instituto Nacional de Tecnologia Agropecuaria. Plants open-pollinated type, late maturing, variable. Selected from cross of wild x cultivated Argentine types. Cultivated. Cultivar. Seed.

462126 TO 462129. *Amaranthus tricolor* L. (Amaranthaceae).

From India. National Botanical Research Institute, Lucknow-226001.
Received August 1981.

462126. India. Leaves normal, three colors. Cultivated. Seed.

462127. India. Leaves with three colors. Deep color internally. Cultivated. Seed.

462126 TO 462129-continued

462128. India. Leaves orange-red. Cultivated. Seed.

462129. India. Leaves normal. Inflorescence red. Cultivated. Seed.

462130 TO 462133. *Arachis hypogaea* L. (Fabaceae) Peanut.

From India. National Bureau of Plant Genetic Resources, (IARI),
New Delhi - 110012.
Received June 1981.

462130. GAUG-1. India. Cultivated. Seed.

462131. GAUG-10. India. Cultivated. Seed.

462132. JL-24. India. Cultivated. Seed.

462133. Punjab-1. India. Flowers white. Cultivated. Seed.

462134 TO 462162. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Institute of Food Crops, Jiangsu
Academy of Agricultural Science, Nanjing, Jiangsu
Province.
Received August 1981.

462134. Ai Ji 220. China, Peoples Repub of. Early maturity.
Annual. Cultivated. Seed.

462135. Chang Shu Tong Zhu Tou. China, Peoples Repub of. Yield
high. Winter Annual. Cultivated. Seed.

462136. Hua Dong No. 6. China, Peoples Repub of. Early maturity.
Facultative Annual. Cultivated. Seed.

462137. Hu Bei 48130. China, Peoples Repub of. Resistant to scab.
Annual. Cultivated. Seed.

462138. Jiang Dong Men. China, Peoples Repub of. Early maturity.
Facultative Annual. Cultivated. Seed.

462139. Jing Chou Dwarf Early wheat No. 21. China, Peoples Repub
of. Early maturity. Annual. Cultivated. Seed.

462140. Ju Rong Huo Shan Tian. China, Peoples Repub of. Early
maturity. Winter Annual. Cultivated. Seed.

462141. Li Yang Wong Shu Bai. China, Peoples Repub of. Resistant
to scab. Facultative Annual. Cultivated. Seed.

462134 TO 462162-continued

462142. Nanjing 6935-8. China, Peoples Repub of. Resistant to scab. Annual. Cultivated. Seed.
462143. Nanjing 7317. China, Peoples Repub of. Yield high. Facultative Annual. Cultivated. Seed.
462144. Nanjing Agric. College Da Hei Mang. China, Peoples Repub of. Early maturity. Annual. Cultivated. Seed.
462145. Nanjing Can Lao. China, Peoples Repub of. Early maturity. Winter Annual. Cultivated. Seed.
462146. Nanjing Univ. Early No. 1. China, Peoples Repub of. Early maturity. Annual. Cultivated. Seed.
462147. Nanjing wheat No. 3. China, Peoples Repub of. Cobalt 60 irradiated. Yield high. Annual. Cultivated. Seed.
462148. Nanjing wheat No. 4. China, Peoples Repub of. Early maturity. Annual. Cultivated. Seed.
462149. Nan Tong Da Huang Pi. China, Peoples Repub of. Resistant to scab. Winter Annual. Cultivated. Seed.
462150. Shanghai Cai Zi Huang. China, Peoples Repub of. Early maturity. Winter Annual. Cultivated. Seed.
462151. Shu Chou wheat No. 3. China, Peoples Repub of. Resistant to scab. Annual. Cultivated. Seed.
462152. Wu Jin wheat No. 1. China, Peoples Repub of. Selection. Yield high. Annual. Cultivated. Breeding Material. Seed.
462153. Xin Feng No. 13. China, Peoples Repub of. Yield high. Annual. Cultivated. Seed.
462154. Xing Hua Bai Yu Hua. China, Peoples Repub of. Tolerant to dampness. Cultivated. Seed.
462155. Xu Chou wheat No. 17. China, Peoples Repub of. Yield high. Facultative Annual. Cultivated. Seed.
462156. Yang Chou wheat No. 1. China, Peoples Repub of. Selection. Yield high. Annual. Cultivated. Breeding Material. Seed.
462157. Yang Chou wheat No. 2. China, Peoples Repub of. Selection. Yield high. Annual. Cultivated. Breeding Material. Seed.
462158. Yang Chou wheat No. 3. China, Peoples Repub of. Selection. Yield high. Annual. Cultivated. Breeding

462134 TO 462162-continued
Material. Seed.

462159. Yang Chou 9-10-8-3. China, Peoples Repub of. Yield high. Annual. Cultivated. Seed.
462160. Zeng Kang Ai No. 6. China, Peoples Repub of. Resistant to rusts and powdery mildew. Annual. Cultivated. Seed.
462161. Zhe Jiang 908. China, Peoples Repub of. Early maturity. Facultative Annual. Cultivated. Seed.
462162. Zhen Jiang 7495. China, Peoples Repub of. Resistant to scab. Annual. Cultivated. Seed.

462163 TO 462205. *Cicer arietinum* L. (Fabaceae) Chickpea.

From India. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad-500 016, A.P. Received through J.C. Phillips, California Polytechnic State Univ., San Luis Obispo.
Received April 1981.

462163. 102. P-79. India. Flowers pink. Seeds rust-colored. From 2 to 0% infection by *Fusarium* wilt (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium* root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.
462164. 434. P-319. India. Flowers pink. Seeds rust-colored. From 2 to 0% infection by *Fusarium* wilt (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium* root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.
462165. 1910. P-1542. Flowers pink. Seeds rust-colored. No infection by *Fusarium* wilt (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium* root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.
462166. 1913. P-1546. Flowers pink. Seeds rust-colored. No infection by *Fusarium* wilt (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium* root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.
462167. 2461. P-2249. Iran. Flowers pink. Seeds rust-colored. From 2 to 0% infection by *Fusarium* wilt (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium* root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.
462168. 6366. NEC-312. Iran. Flowers pink. Seeds rust-colored. No infection by *Fusarium* wilt (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium* root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.

462163 TO 462205-continued

462169. 6385. NEC-348. Iran. Flowers pink. Seeds rust-colored. From 2 to 0% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462170. 6455. NEC-460. Iran. Flowers pink. Seeds rust-colored. No infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462171. 6494. NEC-529. Iran. Flowers pink. Seeds rust-colored. No infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462172. 6926. NEC-1166. Iran. Flowers pink. Seeds rust-colored. From 2 to 0% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462173. 8982. NEC-346. Iran. Flowers pink. Seeds rust-colored. No infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462174. C-235 J-5. India. Flowers white. Seeds creamy-white. Cultivated. Seed.
462175. Chafa J-4. India. Flowers pink. Seeds rust-colored. Cultivated. Seed.
462176. G-543. India. Flowers pink. Seed color variable. From 95 to 75% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462177. GG-588. India. Flowers pink. Seeds rust-colored. From 5 to 2% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462178. GG-663. India. Flowers white. Seed color variable. No infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462179. GG-669. India. Flowers pink. Seed color variable. No infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *psi*). Cultivated. Seed.
462180. GG-688. India. Flowers pink. Seed color variable. From 2

462163 TO 462205-continued

- to 0% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *pisii*).
Cultivated. Seed.
462181. ICC-10. Flowers pink. Seed color variable. From 2 to 0% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *pisii*).
Cultivated. Seed.
462182. M-1. United States. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462183. M-2. United States. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462184. M-3. United States. Flowers white. Cultivated. Seed.
462185. M-4. United States. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462186. Macareme. Mexico. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462187. Mex-3. Mexico. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462188. Mission. United States. Flowers white. Seeds creamy-white. From 95 to 75% infection by *Fusarium wilt* (*F. oxysporum* f. sp. *ciceri*) and/or *Fusarium root rot* (*F. solani* f. sp. *pisii*).
Cultivated. Seed.
462189. Moroccan. Morocco. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462190. Port Import 1971. Portugal. Flowers white. Seeds creamy-white.
Cultivated. Seed.
462191. S-1. Flowers white. Seeds creamy-white. Cultivated. Seed.
462192. S-2. Flowers white. Seeds creamy-white. Cultivated. Seed.
462193. S-3. Flowers white. Seeds creamy-white. Cultivated. Seed.
462194. S-4. Flowers white. Seeds creamy-white. Cultivated. Seed.
462195. S-5. Flowers white. Seeds creamy-white. Cultivated. Seed.
462196. S-6. Flowers white. Seeds creamy-white. Cultivated. Seed.
462197. S-7. Flowers white. Seeds creamy-white. Cultivated. Seed.
462198. S-8. Flowers white. Seeds creamy-white. Cultivated. Seed.

462163 TO 462205-continued

462199. S-9. Flowers white. Seeds creamy-white. Cultivated. Seed.
462200. S-10. Flowers white. Seeds creamy-white. Cultivated. Seed.
462201. S-26 J-3. India. Flowers pink. Seed color variable. Cultivated. Seed.
462202. S-35 J-2. India. Flowers pink. Seed color variable. Cultivated. Seed.
462203. UC-5. United States. Flowers white. Seeds creamy-white. From 20 to 10% infection by Fusarium wilt (*F. oxysporum* f. sp. *ciceri*) and/or Fusarium root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.
462204. Variety X. Flowers pink. Cultivated. Seed.
462205. White spanish. United States. Flowers white. Seeds creamy-white. From 75 to 40% infection by Fusarium wilt (*F. oxysporum* f. sp. *ciceri*) and/or Fusarium root rot (*F. solani* f. sp. *pisi*). Cultivated. Seed.

462206 TO 462210. *Brassica oleracea* var. *botrytis* L. (Brassicaceae)
Broccoli.

From United Kingdom. National Vegetable Research Station,
Wellesbourne, Warwick CV35 9EF.
Received September 1981.

462206. BI 80335. Cavolo Ramoso calabrese. Italy. Soria Semi, Naples. Cultivated. Seed.
462207. BI 80338. Cavolo broccolo ramoso calabrese. Italy. Soria Semi, Naples. Cultivated. Seed.
462208. BI 80342. Broccolo di natale Fuglia riccia. Italy. Domenico Soria, Naples. Cultivated. Seed.
462209. BI 80343. Broccolette neri e cespuglio. Italy. Domenico Soria, Naples. Cultivated. Seed.
462210. BI 80344. Broccoli natale Lopa. Italy. Domenico Soria, Naples. Cultivated. Seed.

462211 TO 462225. *Brassica oleracea* var. *botrytis* L. (Brassicaceae)
Cauliflower.

From United Kingdom. National Vegetable Research Station,
Wellesbourne, Warwick CV35 9EF.

462211 TO 462225-continued
Received September 1981.

- 462211. CC 80720. Gigante di Napoli Gennarese Extra. Italy. Improta, Naples. Cultivated. Seed.
- 462212. CC 80725. Gigante di Napoli Febbrarese Extra. Italy. Improta, Naples. Cultivated. Seed.
- 462213. CC 80726. Gigante di Napoli Natalino Extra. Italy. Improta, Naples. Cultivated. Seed.
- 462214. CC 80731. Jezi. Italy. Domenico Soria, Naples. Cultivated. Seed.
- 462215. CC 80734. Toscano. Italy. Seed obtained from E. Sgaravatti, FAO, Rome. Cultivated. Seed.
- 462216. CC 80736. Gennarese. Italy. Domenico Soria, Naples. Cultivated. Seed.
- 462217. CC 80737. Gigante di Napoli Marzatico Extra. Italy. Improta, Naples. Cultivated. Seed.
- 462218. CC 80738. Marzatica. Italy. Soria Semi, Naples. Cultivated. Seed.
- 462219. CC 80739. Bianco Natalini. Italy. Soria Semi, Naples. Cultivated. Seed.
- 462220. CC 80740. Natale. Italy. Domenico Soria, Naples. Cultivated. Seed.
- 462221. CC 80744. Romanesco. Italy. Domenico Soria, Naples. Cultivated. Seed.
- 462222. CC 80747. Violetto. Italy. Domenico Soria, Naples. Cultivated. Seed.
- 462223. CC 80758. Romanesco. Italy. Fratelli Ingegnoli, Milan. Cultivated. Seed.
- 462224. CC 80760. Cantanese. Italy. Fratelli Ingegnoli, Milan. Cultivated. Seed.
- 462225. CC 80761. Cavolfiore precocissimo di Jezi. Italy. Fratelli Ingegnoli, Milan. Cultivated. Seed.

462226 TO 462228. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Zimbabwe. Crop Breeding Institute, Causeway.
Received June 1981.

462226 TO 462228-continued

462226. 13/7/5. Zimbabwe. Cultivated. Seed.

462227. 367/63. Zimbabwe. Cultivated. Seed.

462228. 369/63. Zimbabwe. Cultivated. Seed.

462229. *Sanguisorba minor* Scop. (Fabaceae).

From Switzerland. S. V. Badoux, Stations Federales d'Essais Agricoles, Lausanne.

Received September 1981.

Switzerland. Mixture with PI 318602, *Onobrychis viciifolia*. Seed.

462230 TO 462232. *Triticum aestivum* L. (Poaceae) Common wheat.

From India. R. N. Sawhney, Division of Genetics, Indian Agricultural Research Institute, New Delhi 110012.

Received October 1981.

462230. Kharchia Local. India. Plants tall. Grown in the Sanchore area of Rajasthan because of salt tolerance. Highly susceptible to rusts. Cultivar. Seed.

462231. KLM 4-1B. India. Mutant line derived from M2 plant of Kharchia Local. Leaf rust resistant-produced an 0 infection type to 16 single spore cultures of leaf rust. Resistance not from Lr 9 or Lr 19 genes. Breeding Material. Seed.

462232. KLM 4-3B. India. Mutant line derived from M2 plant of Kharchia Local. Leaf rust resistant-produced an 0 infection type to 16 single spore cultures of leaf rust. Resistance not from Lr 9 or Lr 19 genes. Breeding Material. Seed.

462233. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Sudan. A.B.M. El Ahmadi, Plant Breeding Section, Gezira Agriculture Research Station, Wad Medani.

Received October 1981.

Paulista-69. Sudan. Oil content high in Sudan. Cultivar. Seed.

462234. *Medicago minima* (L.) Bartal. (Fabaceae) Little burclover.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de

462234-continued
la Republica, Montevideo.
Received April 1981.

2684. Uruguay. Collected November 28, 1980. Rocky path,
Chamberlain State, Tacuarembó Department. Lat. 32 deg.
40' S. Collected by B. Rosengurtt. Wild. Seed.

462235. *Panicum bergii* Arechav. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2183. Uruguay. Cultivated. Seed.

462236. *Panicum decipiens* Nees (Poaceae) Panicgrass.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2019. Uruguay. Collected January 1980. Bank of La Plata
River, San José Department. Lat. 34 deg. 55' S. Collected
by Brescia and E. Mackinnon. Wild. Seed.

462237 TO 462238. *Panicum glabripes* Doell (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

462237. 2265. Uruguay. Collected November 22, 1979. Sandy field,
Route 26, Las Toscas, Tacuarembó Department. Lat. 32 deg.
S. Collected by B. Rosengurtt and D. Formoso. Wild. Seed.

462238. 2286. Uruguay. Collected December 20, 1979. Sandy field,
Route 26, E of Caraguata. Lat. 32 deg. S. Collected by B.
Rosengurtt and A. Vidal. Wild. Seed.

462239. *Panicum milioides* Nees ex Trin. (Poaceae) Panicgrass.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

C-53. Uruguay. Collected December 05, 1980. Sandy soil,
Est. Exp. Agr., Cerro Largo Department. Lat. 32 deg. 20'
S. Collected by A. Vidal. Cultivated. Seed.

462240. *Panicum pilcomayense* Hack. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

2168. Uruguay. Collected December 24, 1979. Garden, near river Olimar, CIAAB, Treinta y Tres Department. Lat. 33 deg. S. Collected by B. Rosengurtt. Cultivated. Seed.

462241. *Panicum prionitis* subsp. *gynerioides* (Griseb.) Roseng., Arr. & Izag. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

2458. Uruguay. Unpalatable. Cultivated. Seed.

462242. *Panicum sabulorum* Lam. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

C-17. Uruguay. Collected December 05, 1979. Garden, Est. Exp. Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Originally from virgin field. Cultivated. Seed.

462243 TO 462264. *Paspalum dilatatum* Poir. (Poaceae) Dallisgrass.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

462243. 2044. Uruguay. Valles Fuentes, Lavalleja Department. Collected by B. Rosengurtt, E. Mackinnon and R. Brescia. Cultivated. Seed.

462244. 2146. Uruguay. Est. Exp. Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Cultivated. Seed.

462245. 2178. Uruguay. Arazati, San Jose Department. Lat. 34 deg. 30' S. Collected by R. Brescia and E. Mackinnon. Cultivated. Seed.

462246. 2197. Uruguay. Est. Exp. Paysandu. Cultivated. Seed.

462247. 2201. Uruguay. Coronilla, San Jose Department. Lat. 34 deg. 10' S. Collected by R. Brescia and E. Mackinnon.

462243 TO 462264-continued
Cultivated. Seed.

462248. 2211-2212. Uruguay. Roadside, Route 23, Mal Abrigo, San Jose Department. Lat. 34 deg. 10' S. Collected by R. Brescia and E. Mackinnon. Wild. Seed.
462249. 2215. Uruguay. Coronilla, San Jose Department. Collected by R. Brescia and E. Mackinnon. Cultivated. Seed.
462250. 2376. Uruguay. Route 56, Colonia Sanchez, Florida Department. Lat. 34 deg. S. Collected by B. Rosengurtt and E. Mackinnon. Cultivated. Seed.
462251. 2456. Uruguay. Collected January 30, 1981. Highway around La Plata River, Costa Azul, Canelones Department. Lat. 34 deg. 50' S. Collected by B. Rosengurtt. Wild. Seed.
462252. 2475. Uruguay. Collected January 05, 1981. Side of fertile field, Casupa, Florida Department. Lat. 34 deg. 10' S. Collected by B. Rosengurtt, D. Bayce, E. Caldeyro and E. Puppo. Wild. Seed.
462253. 2479. Uruguay. Collected March 21, 1981. Next to mill, Route 26, Km 111.3, Molles Grandes, Paysandu Department. Lat. 31 deg. 50' S. Collected by B. Rosengurtt and E. Mackinnon. Soil fertile, sandy. Wild. Seed.
462254. 2501. Uruguay. Collected February 18, 1981. Est. Exp. Agr. Dayman, Salto Department. Lat. 31 deg. 30' S. Collected by J. Lalindre. Cultivated. Seed.
462255. 2748. Uruguay. Collected March 21, 1981. Fertile soil, Route 26, 44km from Araujo, Paysandu Department. Lat. 32 deg. S. Collected by B. Rosengurtt and E. Mackinnon. Wild. Seed.
462256. 2784. Uruguay. Collected December 14, 1980. Sandy roadside, Route 3, Km 551.8, Salto Department. Lat. 31 deg. S. Collected by B. Rosengurtt and A. Vidal. Wild. Seed.
462257. 2785. Uruguay. Collected December 14, 1980. Roadside, Constitucion, Salto Department. Lat. 31 deg. S. Collected by B. Rosengurtt and A. Vidal. Wild. Seed.
462258. C-7. Uruguay. Collected March 21, 1980. Heavy soil, Est. Exp. Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Cultivated. Seed.
462259. C-38. Uruguay. Collected 1979. Border of fertile farm, Route 27, Berrutti, Rivera Department. Lat. 31 deg. 20' S. Collected by B. Rosengurtt, D. Formoso and E. Mackinnon.

462243 TO 462264-continued
Wild. Seed.

462260. C-45. Uruguay. Cangue, Paysandu Department. Cultivated.
Seed.

462261. C-106. Uruguay. Collected March 20, 1981. Sandy soil by
side of farm, Route 44, Frayle Muerto, Cerro Largo
Department. Lat. 32 deg. 30' S. Collected by B.
Rosengurtt and A. Vidal. Wild. Seed.

462262. C-107. Uruguay. Collected December 27, 1979. Fertile
soil, field, Laguna del Negro, Cerro Largo Department.
Lat. 32 deg. 20' S. Cultivated. Seed.

462263. C-108. Uruguay. Collected December 23, 1980. F farm,
Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S.
Collected by A. Vidal. Cultivated. Seed.

462264. C-116. Uruguay. Collected March 07, 1980. Border of
farm, sandy soil, Route 44, Zapallar, Cerro Largo
Department. Lat. 32 deg. 10' S. Collected by B.
Rosengurtt & A. Vidal. Wild. Seed.

462265. *Paspalum dilatatum* subsp. *dilatatum* Poir. (Poaceae)
Dallisgrass.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2180b. Uruguay. Lat. 34 deg. 51' S. Cultivated. Seed.

462266. *Paspalum guenoarum* Arech. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2277. Uruguay. Collected by Izaguirre. Cultivated. Seed.

462267. *Paspalum indecorum* Mez (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2162. Uruguay. Northern section. Cultivated. Seed.

462268 TO 462272. *Paspalum ionanthum* Chase (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.

Received April 1981.

462268. 2194. Uruguay. Cultivated. Seed.

462269. 2266. Uruguay. Collected December 20, 1979. Sandy field, bottom of hill, Caraguata, Tacuarembó Department. Lat. 32 deg. S. Collected by B. Rosengurtt and A. Vidal. Wild. Seed.

462270. 2686. Uruguay. Collected December 26, 1980. Sandy fld. near stream, Est. Exp. La Magnolia, Tres Cruces, Tacuarembó Dept. Lat. 31 deg. 40' S. Collected by B. Bemhaja. Wild. Seed.

462271. 2686-b. Uruguay. Collected December 16, 1980. Sandy fld. near stream, Est. Exp. La Magnolia, Tres Cruces, Tacuarembó Dept. Lat. 31 deg. 40' S. Collected by B. Rosengurtt and A. Vidal. Wild. Seed.

462272. C-167. Uruguay. Collected 1979. Sandy fld. near stream, Est. Exp. La Magnolia, Tres Cruces, Tacuarembó Dept. Lat. 31 deg. 50' S. Collected by B. Rosengurtt and D. Formoso. Wild. Seed.

462273. *Paspalum nicorae* Parodi (Poaceae) Brunswickgrass.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.

Received April 1981.

2455. Uruguay. Collected January 30, 1981. Sandy roadside, Route Interbalnearia, Canelones Department. Lat. 34 deg. 50' S. Collected by B. Rosengurtt. Wild. Seed.

462274 TO 462277. *Paspalum notatum* var. *latiflorum* Doell (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.

Received April 1981.

462274. 2471. Uruguay. Collected February 20, 1981. Dry stream, Cangue, virgin field, Est. Exp. Agr., Paysandu Department. Lat. 32 deg. 25' S. Collected by B. Rosengurtt. Possibly more grazed than *P. notatum* var. *notatum*. Wild. Seed.

462275. 2485. Uruguay. Collected March 20, 1981. Rocky virgin field, Route 4, Km 144.5, Artigas Department. Lat. 30 deg 30' S. Collected by B. Rosengurtt and E. Mackinnon. Wild.

462274 TO 462277-continued
Seed.

462276. 2499. Uruguay. Rocky virgin field, Route 4, Km 188.5,
Artigas Department. Lat. 30 deg. 30' S. Wild. Seed.

462277. 2502. Uruguay. Collected February 18, 1981. Est. Exp.
Agr. Dayman, Salto Department. Lat. 31 deg. 30' S.
Collected by J. Lalindre. Cultivated. Seed.

462278. *Paspalum paniculatum* L. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2317. Cultivated. Seed.

462279. *Paspalum paniculatum* subsp. *umbrosum* (Trin.) Roseng., Arr. &
Izag. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

2487. Uruguay. Collected March 19, 1981. Sandy pasture,
Route 30, Km 110.5, Tranqueras, Bajada Penas, Rivera Dept.
Lat. 31 deg. S. Collected by B. Rosengurtt and E.
Mackinnon. Wild. Seed.

462280 TO 462281. *Paspalum pauciciliatum* (Parodi) Herter (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

462280. 2330. Uruguay. Lat. 30 deg. 32' S. Cultivated. Seed.

462281. 2500. Uruguay. Collected February 18, 1981. Est. Exp.
Dayman, Salto Department. Lat. 32 deg. 30' S. Collected
by J. Lalindre. Cultivated. Seed.

462282 TO 462291. *Paspalum plicatulum* Michx. (Poaceae) Brownseed
paspalum.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de
la Republica, Montevideo.
Received April 1981.

462282. 2158. Uruguay. Field near Parao stream, Route 8, Treinta

462282 TO 462291-continued

- y Tres Department. Lat. 32 deg. 50' S. Plants common.
Cultivated. Seed.
462283. 2229. Uruguay. Collected 1980. Moist fertile field, near Mansavillagra stream, Route 6. Lat. 33 deg. 30' S. Leaves narrow, glabrous. Cultivated. Seed.
462284. 2339. Uruguay. Cultivated. Seed.
462285. 2488. Uruguay. Collected March 19, 1981. Sandy soil, Route 30, Km 110.5, Bajada Penas, Tranqueras, Rivera Department. Lat. 31 deg. S. Collected by B. Rosengurtt and E. Mackinnon. Wild. Seed.
462286. 2494. Uruguay. Collected March 19, 1981. Sandy field, Route 5, Km 491.5, N of Curticeiras, Rivera Department. Lat. 31 deg. S. Collected by B. Rosengurtt and E. Mackinnon. Leaves hairy underneath. Wild. Seed.
462287. C-11. Uruguay. Collected January 10, 1980. Est. Exp. pasture 3, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Leaves narrow, glabrous. Cultivated. Seed.
462288. C-25. Uruguay. Collected April 08, 1980. Est. Exp. farm 2, pasture 6, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Leaves broad, hairy. Cultivated. Seed.
462289. C-152. Uruguay. Collected December 15, 1980. Est. Exp. Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Leaves narrow, glabrous. Cultivated. Seed.
462290. C-153. Uruguay. Collected December 15, 1980. Heavy soil, Est. Exp. farm F, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Leaves broad, hairy. Cultivated. Seed.
462291. C-182. Uruguay. Collected December 19, 1980. Route 44, Mazangano, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Cultivated. Seed.

462292 TO 462293. *Paspalum polyphyllum* Nees (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

462292. 2492. Uruguay. Collected March 19, 1981. Sandy field, Route 5, Km 461, Rivera Department. Lat. 31 deg. 10' S. Collected by B. Rosengurtt and E. Mackinnon. Wild. Seed.

462292 TO 462293-continued

462293. 2497. Uruguay. Collected March 19, 1981. Sandy field, Route 5, Km 491.5, N of Curticeiras, Rivera Department. Lat. 31 deg. S. Collected by B. Rosengurtt and E. Mackinnon. Wild. Seed.

462294 TO 462302. *Paspalum quadrifarium* Lam. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

462294. 2075. Uruguay. Pta. Espinillo, Montevideo Department. Collected by R. Brescia and E. Mackinnon. Cultivated. Seed.
462295. 2096. Uruguay. West, 25km of Km 165 on Route 6, El Rincon. Lat. 33 deg. 40' S. Collected by B. Rosengurtt, R. Brescia and E. Mackinnon. Wild. Seed.
462296. 2188. Uruguay. Collected December 24, 1979. Cultivated. Seed.
462297. 2189b. Uruguay. Cultivated. Seed.
462298. 2262. Uruguay. Collected December 19, 1979. Fertile soil, next to a farm, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by B. Rosengurtt. Wild. Seed.
462299. 2450. Uruguay. Collected January 09, 1981. Fertile soil, Aguas Blancas, Solis Mataojo, Lavalleja Department. Lat. 34 deg. 30' S. Wild. Seed.
462300. 2757. Uruguay. Collected December 10, 1980. Virgin field, fertile, Est. Exp. Agr. Cangue, Paysandu Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Cultivated. Seed.
462301. 2782. Uruguay. Collected December 14, 1980. Roadside, Route 3, Km 456.5, Chapicuy, Paysandu Department. Lat. 31 deg. 40' S. Collected by B. Rosengurtt and A. Vidal. Wild. Seed.
462302. C-109. Uruguay. Collected December 11, 1980. Fertile soil, next to a farm, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by B. Rosengurtt. Wild. Seed.

462303. *Paspalum rufum* Nees ex Steud. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de

462303-continued

la Republica, Montevideo.
Received April 1981.

2244. Uruguay. Collected January 11, 1980. Route 30, W of Tacuarembó de Dellepiane, Tranqueras, Rivera Department. Lat. 31 deg. 10' S. Collected by B. Rosengurtt. Soil fertile, sandy, near watermelon farm. Plants palatable. Wild. Seed.

462304 TO 462306. *Paspalum urvillei* Steud. (Poaceae) Vaseygrass.

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

462304. C-10. Uruguay. Garden, Est. Exp. Cerro Largo, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Cultivated. Seed.

462305. C-217. Uruguay. Collected December 23, 1980. Fertile sandy soil, Est. Exp. farm F, Banado Medina, Cerro Largo Department. Lat. 32 deg. 20' S. Collected by A. Vidal. Cultivated. Seed.

462306. 2783. Uruguay. Collected December 14, 1980. Sandy field, Route 3, Km 551.8, Salto Department. Lat. 31 deg. S. Collected by B. Rosengurtt and A. Vidal. Wild. Seed.

462307. *Paspalum yaguaronense* Henr. (Poaceae).

From Uruguay. B. Rosengurtt, Faculty of Agronomy, Universidad de la Republica, Montevideo.
Received April 1981.

2490. Uruguay. Collected March 18, 1981. Below marshy field, Route 5, Km 461. Lat. 31 deg. 10' S. Collected by B. Rosengurtt and E. Mackinnon. Wild. Seed.

462308 TO 462309. *Physalis acutifolia* (Miers) Sandw. (Solanaceae).

From United States. T.R. Van Devender, Herbarium, College of Agriculture, University of Arizona, Tucson, AZ.
Received October 1981.

462308. United States. Collected August 21, 1981. Black Draw near road crossing, San Bernadino Ranch, Cochise Co., AZ. 1140M. T24S R30E S11. Collected with J.B. Iverson and D.V. Lanning. Wild. Seed.

462309. United States. Collected September 01, 1981. Arivaca

462308 TO 462309-continued

Creek, 1.1km E of Ruby Road, Santa Cruz Co., AZ. 1086M.
T21S R10E S28. Collected with C.L. Oler. Wild. Seed.

462310. *Astragalus adsurgens* Pall. (Fabaceae).

From China, Peoples Repub of. Northwest Research Institute of
Soil & Water Conservation, Wuking, Wu Guong County,
Shanxi Prov. Received through T. N. Shiflet, Soil
Conservation Service, USDA, Washington, D.C.
Received October 1981.

Used for erosion control via aerial seeding in
combination with *Pinus* and *Caragana*. Adapted to low
precipitation areas. Cultivated. Seed.

462311. *Hordeum vulgare* L. (Poaceae) Barley.

From France. S.D. Sunderwirth, UNISIGMA, Gie de Recherche et
Selection, 60480-Froissy.
Received October 1981.

'Castel'. France. Six-row type. Resistant to scald.
Winter Annual. Cultivar. Seed.

462312. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From India. Department of Plant Breeding, University of
Agriculture and Technology, Pant Nagar, Nainital District.
Received October 1981.

Ankur. Developed from a bulk population by K. Hinson,
USDA, Univ. of Florida. Resistant to an isolate of
soybean rust (*Phakopsora pachyrhizi*) from the Pant Nagar
area. Annual. Cultivar. Seed.

462313. *Hordeum vulgare* L. (Poaceae) Barley.

From Spain. Research Department, AGRAR, S/A, Zaragoza.
Received October 1981.

22047F3. Spain. Six row type. Annual. Cultivated.
Breeding Material. Seed.

462314 TO 462320. *Triticum aestivum* L. (Poaceae) Common wheat.

From Spain. Research Department, AGRAR, S/A, Zaragoza.
Received October 1981.

462314 TO 462320-continued

- 462314. Ardec. Spain. Annual. Cultivar. Seed.
- 462315. NS 18-77. Spain. Annual. Cultivated. Breeding Material. Seed.
- 462316. NS 51-24. Spain. Annual. Cultivated. Breeding Material. Seed.
- 462317. OM 3601. Spain. Annual. Cultivated. Breeding Material. Seed.
- 462318. Sion. Spain. Annual. Cultivar. Seed.
- 462319. Spain. #W15 B 3 OM x JI. Annual. Cultivated. Breeding Material. Seed.
- 462320. Yafit. Spain. Annual. Cultivar. Seed.

462321 TO 462322. Arachis hypogaea L. (Fabaceae) Peanut.

From China, Peoples Repub of. Zaixu Wang, Peanut Research Institute, Laixi, Shandong Province. Received through R. O. Hammons, USDA, Coastal Plain Station, Tifton, Georgia. Received October 1981.

- 462321. Baksha 1016. China, Peoples Repub of. Plants erect. Maturity early, 130 days. Flowering continuous with uniform, about 75% fruiting. Seeds medium-sized, pearl-shaped, usually two per pod. Cultivated. Seed.
- 462322. Hwa 28. China, Peoples Repub of. Plants erect, fast-growing. Maturity early, 133 days. Fruiting rate 74%. Cultivated. Seed.

462323 TO 462325. Solanum tuberosum L. (Solanaceae) Potato.

From Netherlands. Plant Protection Service, 6700 HC Wageningen. Received October 1981.

- 462323. CPC 1673. Netherlands. Tubers.
- 462324. KTT 60-21-19. Netherlands. Tubers.
- 462325. P.55/7. Netherlands. Tubers.

462326 TO 462327. Solanum tuberosum L. (Solanaceae) Potato.

From Peru. International Potato Center, Wild Species Germplasm Bank, Lima.

462326 TO 462327-continued
Received October 1981.

462326. OCH 11982. Peru. Tubers.

462327. OCH 11994. Peru. Tubers.

462328. *Solanum tuberosum* L. (Solanaceae) Potato.

From Israel. Agricultural Research Organization, The Volcani
Center, Bet Dagan.
Received October 1981.

558-1. Israel. Tubers.

462329. *Solanum tuberosum* L. (Solanaceae) Potato.

From China, Republic of. Asian Vegetable Research & Development
Center, Shanhua, Tainan 741.
Received October 1981.

1282-19. China, Republic of. Stolons long. Tubers oval-
shaped, sometimes flat oval, with white skin, creamy-
white flesh, moderately deep lateral eyes, deep apical
eyes. Dormancy short, sometimes sprouting at harvest.
Heat tolerant. Resistant to bacterial wilt. Tubers.

462330 TO 462331. *Solanum tuberosum* L. (Solanaceae) Potato.

From Peru. L. D. Schilde, International Potato Center, Lima.
Received October 1981.

462330. CIP 377257.1-LT-1. Peru. Tubers.

462331. CIP 800174-DTO-33. Peru. Tubers.

462332 TO 462333. *Solanum tuberosum* L. (Solanaceae) Potato.

From Soviet Union. Department of Tubiferous Plants, N.I. Vavilov
Institute of Plant Industry, 190000 Leningrad, 1.
Received October 1981.

462332. VIR-16792. Talukdarii. South Africa. Vegetative period
long. Tubers elongated. Sprouts blue-violet. Immune to
potato wart. Wild. Tubers.

462333. Vita. Soviet Union. Tubers.

462334. *Holcus lanatus* L. (Poaceae) Velvetgrass.

From New Zealand. N. Cameron, Seed Division, Arthur Yates & Co., Ltd., Hornby, Christchurch.
Received October 1981.

VG 810009. 'Massey Basyn'. New Zealand. Palmerston North. Massey University. 100M. Cultivar based on 15 phenotypically dissimilar but productive types. Cultivated. Seed.

462335 TO 462341. *Lolium perenne* L. (Poaceae) Perennial ryegrass.

From New Zealand. N. Cameron, Seed Division, Arthur Yates & Co., Ltd., Hornby, Christchurch.
Received October 1981.

462335. RG 800001. New Zealand. North Otago, Otematata District. Otematata Station. 1000M. Donated by J.F. Cameron. Pasture about 60 years old. Soil type shallow silt loam. Plants early maturing, semi-erect. Cold and drought tolerant. Susceptible to *Puccinia coronata* strains in lowland New Zealand. Used for grazing. Cultivated. Seed.

462336. RG 800002. New Zealand. Amberly, North Canterbury. 200M. Donated by J. Bain. Pasture about 20 years old. Soil type clay loam. Plants semi-erect, early-flowering. Drought tolerant. Used for grazing. Cultivated. Seed.

462337. RG 800003. New Zealand. Rangiora, South Belt, North Canterbury. 100M. Donated by J.A. Sparkes. Pasture about 20 years old. Soil type heavy clay loam. Plants semi-erect, early-flowering. Used for grazing. Cultivated. Seed.

462338. RG 810001. New Zealand. Wrightson-Nova Seed Store, Poverty Bay, Gisborne. 200M. Plant habit variable, early-flowering. Local ecotype. Cultivated. Seed.

462339. RG 810017. 'Ellett'. New Zealand. Mangere District, Auckland. 50M. Pasture about 60 years old. Soil type basaltic clay loam. Plant habit variable, early-flowering. An ecotype with moderate resistance to the Argentine stem weevil. Used for grazing. Cultivated. Seed.

462340. RG 810018. 'Grasslands Nui'. New Zealand. Mangere District, Auckland. 50M. Pasture about 60 years old. Soil type basaltic clay loam. Plant habit variable, but mainly semi-erect, early-flowering. A selection of eight parents out of the Mangere population, polycrossed and released. Used for grazing. Cultivated. Seed.

462341. RG 810020. 'Ruanui'. New Zealand. Palmerston North

462335 TO 462341-continued

District. 50M. Plants early maturing, semi-erect.
Cultivated. Seed.

462342 TO 462360. *Allium fistulosum* L. (Amaryllidaceae) Bunching onion.

From Japan. Vegetable & Ornamental Crops Research Station, Tsu-
city.

Received October 1981.

- 462342. Aigarashu. Japan. Tillers occasionally. Sheath bundle long, thick, white. Cultivated. Seed.
- 462343. Akari. Japan. Tillers three to four. Leaf green. Sheath white. Leaf and sheath edible. Cultivated. Seed.
- 462344. Arata Negi. Japan. Tillers many. Leaf blade edible. Cultivated. Seed.
- 462345. Jionji Negi. Japan. Tillers many. Sheath tender. Cultivated. Seed.
- 462346. Kairyuu Hakushuu 2. Japan. Growth good in sandy soil. Cultivated. Seed.
- 462347. Kannon Hosonegi. Japan. Tillers many. Leaf blade and sheath edible. Cultivated. Seed.
- 462348. Kannon Negi. Japan. Tillers many. Leaf blade and sheath edible. Cultivated. Seed.
- 462349. Koshizu Nebuka. Japan. Tillers four to five. Leaf blade tender. Sheath long, white. Cultivated. Seed.
- 462350. Kujou (Asagi Kei). Japan. Tillers many. Leaf blade light green. Sheath bundle thin. Cultivated. Seed.
- 462351. Matsumoto Ippon Futo. Japan. Sheath bundle long, thick, white. Snow tolerant. Cultivated. Seed.
- 462352. Miya Negi. Japan. Tillers occasionally. Sheath bundle short, thick, white. Cultivated. Seed.
- 462353. Nanbu Ippon Futo. Japan. Tillers occasionally. Sheath bundle long, thick, white. Cultivated. Seed.
- 462354. Nissato Negi. Japan. Taste good. Cold tolerant. Cultivated. Seed.
- 462355. Osaka Chuuboso. Japan. Tillers many. Leaf blades mainly edible. Cultivated. Seed.
- 462356. Shounai Nebuka Negi. Japan. Tillers several. Sheath

462342 TO 462360-continued

long, white. Cultivated. Seed.

462357. Shounan. Japan. Sheath blades long, thick, white. Cultivated. Seed.

462358. Yakko. Japan. Leaf narrow. Heat tolerant. Cultivated. Seed.

462359. Yatabe. Japan. Tillers three to five. Sheath white. Leaf blade and sheath edible. Cultivated. Seed.

462360. Zairai Negi. Japan. Local type from Fukushima Pref. Sheath tender. Cultivated. Seed.

462361. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Mexico. G. A. White, Germplasm Resources Laboratory, PGGI, USDA Agricultural Research Center, Beltsville, Maryland, USA.

Received November 1981.

Mexico. Collected March 26, 1981. Central market, Texcoco. Pinto bean, contaminant with seed of *Vicia faba*, PI 458504. Cultivated. Seed.

462362. *Setaria sphacelata* (Schum.) Stapf & Hubb. ex M. B. Moss (Poaceae).

From South Africa. A. J. Oakes, USDA, Germplasm Resources Laboratory, Beltsville, MD.

Received October 1981.

2987. South Africa. Cuttings.

462363. *Agrostis keniensis* Pilger (Poaceae).

From Kenya. Department of Botany, University of Nairobi, Nairobi. Received October 1981.

Kenya. Mt. Kenya. Cuttings.

462364. *Festuca* sp. (Poaceae).

From Kenya. Department of Botany, University of Nairobi, Nairobi. Received October 1981.

Kenya. Mt. Kenya. Cuttings.

462365. *Poa leptoclada* Hochst. ex A. Rich. (Poaceae).

From Kenya. Department of Botany, University of Nairobi, Nairobi.
Received October 1981.

Kenya. Mt. Kenya. Cuttings.

462366. *Setaria* sp. (Poaceae).

From Kenya. Department of Botany, University of Nairobi, Nairobi.
Received October 1981.

Kenya. Mt. Kenya. Cuttings.

462367. *Sporobolus pyramidalis* Beauv. (Poaceae).

From Kenya. Department of Botany, University of Nairobi, Nairobi.
Received October 1981.

Kenya. Mombasa. Cuttings.

462368. *Zea diploperennis* Iltis, Doebley & Guzman (Poaceae).

From Mexico. R. Guzman & M. A. de Guzman, Department of Botany,
University of Wisconsin, Madison, Wisconsin, USA.
Received October 1981.

1120. Mexico. Collected November 1980. Top of Sierra de
Manantlan Occidental, Jalisco. 1900-1950M. East 2km of
Las Joyas, 6km WSW of Rincon de Manantlan, 15km SSW of El
Chante. Lat. 19 deg. 35' 15" N, Long. 104 deg. 15' 50" W.
Plants near houses at Zarza mora (blackberry). Same
locality as for PI 441932. Wild. Seed.

462369. *Cucumis hardwickii* Royle (Cucurbitaceae).

From Soviet Union. N. I. Vavilov Institute of Plant Industry,
Leningrad.
Received June 1981.

VIR 3147. India. Seed.

462370. *Solanum melongena* L. (Solanaceae) Eggplant.

From Soviet Union. N. I. Vavilov Institute of Plant Industry,
Leningrad.
Received June 1981.

VIR 928. Neznyj 36. Soviet Union. Cultivated. Seed.

462371. *Amaranthus spinosus* L. (Amaranthaceae).

From Sudan. A. Ahmadi and R. Croston, Plant Breeding Section, Gezira Research Station and FAO/IBPGR, Wan Medani, Sudan and Rome, Italy.
Received September 1981.

5. Sudan. Collected July 04, 1981. Field, Shofogo village, Wadi Toro, Jebel Marra area, Darfur Province. 1250M. Lat. 13 deg. 07' N, Long. 24 deg. 05' E. Plants 1 m tall. Flowers red. Wild. Seed.

462372 TO 462373. *Sorghum bicolor* (L.) Moench (Poaceae) Sorghum.

From Sudan. A. Ahmadi and R. Croston, Plant Breeding Section, Gezira Research Station and FAO/IBPGR, Wan Medani, Sudan and Rome, Italy.
Received September 1981.

462372. 35. Collected September 04, 1981. Store, Saron, 3km SW of Kelling, Jebel Marra mountains, Darfur Province. 1850M. Lat. 13 deg. 04' N, Long, 24 deg. 19' E. Cultivated. Seed.

462373. 50. Collected December 04, 1981. Store, Toron Tonga village, Jebel Marra area, Darfur Province. 2400M. Lat. 12 deg. 55' N, Long. 24 deg. 18' E. Plants 1 m tall. Seed mixed, mainly white. Cultivated. Seed.

462374 TO 462376. *Zea mays* L. (Poaceae) Field corn.

From Sudan. A. Ahmadi and R. Croston, Plant Breeding Section, Gezira Research Station and FAO/IBPGR, Wan Medani, Sudan and Rome, Italy.
Received September 1981.

462374. 16. Collected August 04, 1981. Store, Wareh village, 1 km E of Kelling, Jebel Marra area, Darfur Province. 1900M. Lat. 13 deg. 05' N, Long. 24 deg. 19' E. Seed yellow. Cultivated. Seed.

462375. 27. Collected August 04, 1981. Store, Kaaroo, 4km E of Kelling, Jebel Marra area, Darfur Province. 2010M. Lat. 13 deg. 05' N, Long. 24 deg. 20' E. Cultivated. Seed.

462376. 54. Collected August 04, 1981. Store, Toron Tonga village, Jebel Marra area, Darfur Province. 2400M. Lat. 12 deg. 55' N, Long. 24 deg. 18' E. Cultivated. Seed.

462377 TO 462382. *Coffea arabica* L. (Rubiaceae) Coffee.

From Portugal. C. J. Rodrigues, Jr., Centro de Investigacao das

462377 TO 462382-continued.

Ferrugens do Cafeeiro, Estacao Agronomica Nacional,
Oeiras.

Received November 1981.

462377. Population 1 (F6). Portugal. Seedlings from 30 group A plants of progeny CIPC 7960 (F5). Resistant to all races of coffee rust in CIPC collection. Perennial Woody. Cultivated. Breeding Material. Plants.
462378. Population 2 (F6). Portugal. Seedlings from 22 group A plants of progeny CIPC 7961 (F5). Resistant to all races of coffee rust in CIPC collection. Perennial Woody. Cultivated. Breeding Material. Plants.
462379. Population 3 (F6). Portugal. Seedlings from 37 group A plants of progeny CIPC 7962 (F5). Resistant to all races of coffee rust in CIPC collection. Perennial Woody. Cultivated. Breeding Material. Plants.
462380. Population 4 (F6). Portugal. Seedlings from 26 group A plants of progeny CIPC 7963 (F5). Resistant to all races of coffee rust in CIPC collection. Perennial Woody. Cultivated. Breeding Material. Plants.
462381. Population 5 (F5). Portugal. Seedlings from 4 group A plants of progeny CIPC 7958 (F4). Resistant to all races of coffee rust in CIPC collection. Perennial Woody. Cultivated. Breeding Material. Plants.
462382. Population 6 (F5). Portugal. Seedlings from 2 group A plants of progeny CIPC 7736 (F4). Resistant to all races of coffee rust in CIPC collection. Perennial Woody. Cultivated. Breeding Material. Plants.

462383 TO 463088. *Eleusine coracana* (L.) Gaertn. (Poaceae) Finger millet.

From India. Indian Agriculture Research Institute, Rockefeller Foundation, New Delhi.

Received March 1981.

462383. I. E. 5. India. Andhra Pradesh State. Seed.
462384. I. E. 6. India. Andhra Pradesh State. Seed.
462385. I. E. 7. India. Andhra Pradesh State. Seed.
462386. I. E. 11. India. Andhra Pradesh State. Seed.
462387. I. E. 12. India. Andhra Pradesh State. Seed.
462388. I. E. 13. India. Andhra Pradesh State. Seed.

462383 TO 463088-continued

462389. I. E. 14. India. Andhra Pradesh State. Seed.
462390. I. E. 15. India. Andhra Pradesh State. Seed.
462391. I. E. 16. India. Andhra Pradesh State. Seed.
462392. I. E. 17. India. Andhra Pradesh State. Seed.
462393. I. E. 19. India. Andhra Pradesh State. Seed.
462394. I. E. 22. India. Andhra Pradesh State. Seed.
462395. I. E. 24. India. Andhra Pradesh State. Seed.
462396. I. E. 25. India. Andhra Pradesh State. Seed.
462397. I. E. 27. India. Andhra Pradesh State. Seed.
462398. I. E. 28. India. Andhra Pradesh State. Seed.
462399. I. E. 31. India. Andhra Pradesh State. Seed.
462400. I. E. 35. India. Andhra Pradesh State. Seed.
462401. I. E. 36. India. Andhra Pradesh State. Seed.
462402. I. E. 37. India. Andhra Pradesh State. Seed.
462403. I. E. 39. Seed.
462404. I. E. 40. India. West Bengal State. Seed.
462405. I. E. 41. India. West Bengal State. Seed.
462406. I. E. 42. India. West Bengal State. Seed.
462407. I. E. 43. India. West Bengal State. Seed.
462408. I. E. 44. India. West Bengal State. Seed.
462409. I. E. 45. India. West Bengal State. Seed.
462410. I. E. 48. India. West Bengal State. Seed.
462411. I. E. 49. India. West Bengal State. Seed.
462412. I. E. 50. India. West Bengal State. Seed.
462413. I. E. 51. India. West Bengal State. Seed.
462414. I. E. 52. India. West Bengal State. Seed.

462383 TO 463088-continued

- 462415. I. E. 53. India. West Bengal State. Seed.
- 462416. I. E. 54. India. West Bengal State. Seed.
- 462417. I. E. 59. India. West Bengal State. Seed.
- 462418. I. E. 62. India. West Bengal State. Seed.
- 462419. I. E. 64. India. West Bengal State. Seed.
- 462420. I. E. 66. India. West Bengal State. Seed.
- 462421. I. E. 68. India. West Bengal State. Seed.
- 462422. I. E. 69. India. West Bengal State. Seed.
- 462423. I. E. 82. India. Bihar State. Seed.
- 462424. I. E. 84. India. Bihar State. Seed.
- 462425. I. E. 85. India. Bihar State. Seed.
- 462426. I. E. 86. India. Bihar State. Seed.
- 462427. I. E. 87. India. Bihar State. Seed.
- 462428. I. E. 89. India. Bihar State. Seed.
- 462429. I. E. 90. India. Bihar State. Seed.
- 462430. I. E. 91. India. Bihar State. Seed.
- 462431. I. E. 93. India. Bihar State. Seed.
- 462432. I. E. 94. India. Bihar State. Seed.
- 462433. I. E. 95. India. Bihar State. Seed.
- 462434. I. E. 96. India. Bihar State. Seed.
- 462435. I. E. 97. India. Bihar State. Seed.
- 462436. I. E. 98. India. Bihar State. Seed.
- 462437. I. E. 99. India. Bihar State. Seed.
- 462438. I. E. 100. India. Bihar State. Seed.
- 462439. I. E. 101. India. Bihar State. Seed.
- 462440. I. E. 102. India. Bihar State. Seed.

462383 TO 463088-continued

462441. I. E. 103. India. Bihar State. Seed.
462442. I. E. 105. India. Bihar State. Seed.
462443. I. E. 106. India. Bihar State. Seed.
462444. I. E. 108. India. Bihar State. Seed.
462445. I. E. 111. India. Bihar State. Seed.
462446. I. E. 112. India. Bihar State. Seed.
462447. I. E. 113. India. Bihar State. Seed.
462448. I. E. 114. India. Bihar State. Seed.
462449. I. E. 115. India. Bihar State. Seed.
462450. I. E. 116. India. Bihar State. Seed.
462451. I. E. 120. India. Bihar State. Seed.
462452. I. E. 121. India. Bihar State. Seed.
462453. I. E. 122. India. Bihar State. Seed.
462454. I. E. 123. India. Bihar State. Seed.
462455. I. E. 126. India. Bihar State. Seed.
462456. I. E. 127. India. Bihar State. Seed.
462457. I. E. 129. India. Bihar State. Seed.
462458. I. E. 130. India. Bihar State. Seed.
462459. I. E. 131. India. Bihar State. Seed.
462460. I. E. 132. India. Bihar State. Seed.
462461. I. E. 134. India. Bihar State. Seed.
462462. I. E. 135. India. Bihar State. Seed.
462463. I. E. 136. India. Bihar State. Seed.
462464. I. E. 139. India. Bihar State. Seed.
462465. I. E. 140. India. Bihar State. Seed.
462466. I. E. 143. India. Bihar State. Seed.

462383 TO 463088-continued

462467. I. E. 144. India. Bihar State. Seed.
462468. I. E. 147. India. Bihar State. Seed.
462469. I. E. 149. India. Bihar State. Seed.
462470. I. E. 150. India. Bihar State. Seed.
462471. I. E. 151. India. Bihar State. Seed.
462472. I. E. 152. India. Bihar State. Seed.
462473. I. E. 154. India. Bihar State. Seed.
462474. I. E. 161. India. Bihar State. Seed.
462475. I. E. 163. India. Bihar State. Seed.
462476. I. E. 165. India. Bihar State. Seed.
462477. I. E. 166. India. Bihar State. Seed.
462478. I. E. 168. India. Bihar State. Seed.
462479. I. E. 169. India. Bihar State. Seed.
462480. I. E. 170. India. Bihar State. Seed.
462481. I. E. 174. India. Bihar State. Seed.
462482. I. E. 175. India. Bihar State. Seed.
462483. I. E. 177. India. Bihar State. Seed.
462484. I. E. 178. India. Bihar State. Seed.
462485. I. E. 179. India. Bihar State. Seed.
462486. I. E. 180. India. Bihar State. Seed.
462487. I. E. 181. India. Bihar State. Seed.
462488. I. E. 182. India. Bihar State. Seed.
462489. I. E. 183. India. Bihar State. Seed.
462490. I. E. 184. India. Bihar State. Seed.
462491. I. E. 185. India. Bihar State. Seed.
462492. I. E. 186. India. Bihar State. Seed.

462383 TO 463088-continued

462493. I. E. 187. India. Bihar State. Seed.
462494. I. E. 188. India. Bihar State. Seed.
462495. I. E. 189. India. Bihar State. Seed.
462496. I. E. 190. India. Bihar State. Seed.
462497. I. E. 191. India. Bihar State. Seed.
462498. I. E. 192. India. Bihar State. Seed.
462499. I. E. 195. India. Bihar State. Seed.
462500. I. E. 196. India. Bihar State. Seed.
462501. I. E. 197. India. Bihar State. Seed.
462502. I. E. 199. India. Bihar State. Seed.
462503. I. E. 200. India. Bihar State. Seed.
462504. I. E. 201. India. Bihar State. Seed.
462505. I. E. 202. India. Bihar State. Seed.
462506. I. E. 203. India. Bihar State. Seed.
462507. I. E. 205. India. Bihar State. Seed.
462508. I. E. 206. India. Bihar State. Seed.
462509. I. E. 207. India. Bihar State. Seed.
462510. I. E. 210. India. Bihar State. Seed.
462511. I. E. 211. India. Bihar State. Seed.
462512. I. E. 212. India. Bihar State. Seed.
462513. I. E. 214. India. Bihar State. Seed.
462514. I. E. 215. India. Bihar State. Seed.
462515. I. E. 224. India. Bihar State. Seed.
462516. I. E. 225. India. Bihar State. Seed.
462517. I. E. 227. India. Bihar State. Seed.
462518. I. E. 228. India. Bihar State. Seed.

462383 TO 463088-continued

462519. I. E. 229. India. Bihar State. Seed.
462520. I. E. 230. India. Bihar State. Seed.
462521. I. E. 231. India. Bihar State. Seed.
462522. I. E. 232. India. Bihar State. Seed.
462523. I. E. 233. India. Bihar State. Seed.
462524. I. E. 234. India. Bihar State. Seed.
462525. I. E. 235. India. Bihar State. Seed.
462526. I. E. 236. India. Bihar State. Seed.
462527. I. E. 237. India. Bihar State. Seed.
462528. I. E. 238. India. Bihar State. Seed.
462529. I. E. 239. India. Bihar State. Seed.
462530. I. E. 240. India. Bihar State. Seed.
462531. I. E. 241. India. Bihar State. Seed.
462532. I. E. 242. India. Bihar State. Seed.
462533. I. E. 243. India. Bihar State. Seed.
462534. I. E. 244. India. Bihar State. Seed.
462535. I. E. 245. India. Bihar State. Seed.
462536. I. E. 252. India. Gujarat State. Seed.
462537. I. E. 255. India. Gujarat State. Seed.
462538. I. E. 257. India. Gujarat State. Seed.
462539. I. E. 264. India. Gujarat State. Seed.
462540. I. E. 269. India. Maharashtra State. Seed.
462541. I. E. 276. India. Himachal Pradesh State. Seed.
462542. I. E. 277. India. Himachal Pradesh State. Seed.
462543. I. E. 278. India. Himachal Pradesh State. Seed.
462544. I. E. 279. India. Himachal Pradesh State. Seed.

462383 TO 463088-continued

462545. I. E. 281. India. Himachal Pradesh State. Seed.
462546. I. E. 283. India. Himachal Pradesh State. Seed.
462547. I. E. 284. India. Himachal Pradesh State. Seed.
462548. I. E. 286. India. Jammu & Kashmir State. Seed.
462549. I. E. 287. India. Jammu & Kashmir State. Seed.
462550. I. E. 288. India. Jammu & Kashmir State. Seed.
462551. I. E. 289. India. Kerala State. Seed.
462552. I. E. 290. India. Kerala State. Seed.
462553. I. E. 291. India. Kerala State. Seed.
462554. I. E. 292. India. Kerala State. Seed.
462555. I. E. 295. India. Kerala State. Seed.
462556. I. E. 296. India. Kerala State. Seed.
462557. I. E. 300. India. Kerala State. Seed.
462558. I. E. 303. India. Kerala State. Seed.
462559. I. E. 304. India. Kerala State. Seed.
462560. I. E. 306. India. Kerala State. Seed.
462561. I. E. 307. India. Kerala State. Seed.
462562. I. E. 308. India. Kerala State. Seed.
462563. I. E. 311. India. Kerala State. Seed.
462564. I. E. 314. India. Madhya Pradesh State. Seed.
462565. I. E. 315. India. Madhya Pradesh State. Seed.
462566. I. E. 317. India. Madhya Pradesh State. Seed.
462567. I. E. 320. India. Madhya Pradesh State. Seed.
462568. I. E. 321. India. Madhya Pradesh State. Seed.
462569. I. E. 322. India. Madhya Pradesh State. Seed.
462570. I. E. 323. India. Madhya Pradesh State. Seed.

462383 TO 463088-continued

462571. I. E. 326. India. Madhya Pradesh State. Seed.
462572. I. E. 327. India. Madhya Pradesh State. Seed.
462573. I. E. 329. India. Madhya Pradesh State. Seed.
462574. I. E. 330. India. Madhya Pradesh State. Seed.
462575. I. E. 331. India. Madhya Pradesh State. Seed.
462576. I. E. 334. India. Madhya Pradesh State. Seed.
462577. I. E. 335. India. Madhya Pradesh State. Seed.
462578. I. E. 336. India. Madhya Pradesh State. Seed.
462579. I. E. 338. India. Madhya Pradesh State. Seed.
462580. I. E. 340. India. Madras State. Seed.
462581. I. E. 345. India. Madras State. Seed.
462582. I. E. 347. India. Madras State. Seed.
462583. I. E. 352. India. Madras State. Seed.
462584. I. E. 361. India. Madras State. Seed.
462585. I. E. 362. India. Madras State. Seed.
462586. I. E. 363. India. Madras State. Seed.
462587. I. E. 364. India. Madras State. Seed.
462588. I. E. 365. India. Madras State. Seed.
462589. I. E. 366. India. Madras State. Seed.
462590. I. E. 370. India. Madras State. Seed.
462591. I. E. 372. India. Madras State. Seed.
462592. I. E. 375. India. Madras State. Seed.
462593. I. E. 378. India. Madras State. Seed.
462594. I. E. 380. India. Madras State. Seed.
462595. I. E. 382. India. Madras State. Seed.
462596. I. E. 388. India. Madras State. Seed.

462383 TO 463088-continued

462597. I. E. 389. India. Madras State. Seed.
462598. I. E. 393. India. Madras State. Seed.
462599. I. E. 394. India. Madras State. Seed.
462600. I. E. 396. India. Madras State. Seed.
462601. I. E. 402. India. Maharashtra State. Seed.
462602. I. E. 403. India. Maharashtra State. Seed.
462603. I. E. 405. India. Maharashtra State. Seed.
462604. I. E. 406. India. Maharashtra State. Seed.
462605. I. E. 407. India. Maharashtra State. Seed.
462606. I. E. 408. India. Maharashtra State. Seed.
462607. I. E. 410. India. Mysore State. Seed.
462608. I. E. 413. India. Mysore State. Seed.
462609. I. E. 416. India. Mysore State. Seed.
462610. I. E. 417. India. Mysore State. Seed.
462611. I. E. 418. India. Mysore State. Seed.
462612. I. E. 419. India. Mysore State. Seed.
462613. I. E. 421. India. Mysore State. Seed.
462614. I. E. 422. India. Mysore State. Seed.
462615. I. E. 423. India. Mysore State. Seed.
462616. I. E. 424. India. Mysore State. Seed.
462617. I. E. 425. India. Mysore State. Seed.
462618. I. E. 429. India. Mysore State. Seed.
462619. I. E. 430. India. Mysore State. Seed.
462620. I. E. 431. India. Mysore State. Seed.
462621. I. E. 433. India. Mysore State. Seed.
462622. I. E. 436. India. Mysore State. Seed.

462383 TO 463088-continued

462623. I. E. 437. India. Mysore State. Seed.
462624. I. E. 439. India. Mysore State. Seed.
462625. I. E. 440. India. Mysore State. Seed.
462626. I. E. 441. India. Mysore State. Seed.
462627. I. E. 442. India. Mysore State. Seed.
462628. I. E. 443. India. Mysore State. Seed.
462629. I. E. 445. India. Mysore State. Seed.
462630. I. E. 446. India. Mysore State. Seed.
462631. I. E. 447. India. Mysore State. Seed.
462632. I. E. 448. India. Mysore State. Seed.
462633. I. E. 449. India. Mysore State. Seed.
462634. I. E. 450. India. Mysore State. Seed.
462635. I. E. 451. India. Mysore State. Seed.
462636. I. E. 453. India. Mysore State. Seed.
462637. I. E. 454. India. Mysore State. Seed.
462638. I. E. 456. India. Mysore State. Seed.
462639. I. E. 457. India. Mysore State. Seed.
462640. I. E. 460. India. Mysore State. Seed.
462641. I. E. 461. India. Mysore State. Seed.
462642. I. E. 462. India. Mysore State. Seed.
462643. I. E. 463. India. Mysore State. Seed.
462644. I. E. 464. India. Mysore State. Seed.
462645. I. E. 465. India. Mysore State. Seed.
462646. I. E. 466. India. Mysore State. Seed.
462647. I. E. 467. India. Mysore State. Seed.
462648. I. E. 468. India. Mysore State. Seed.

462383 TO 463088-continued

462649. I. E. 469. India. Mysore State. Seed.
462650. I. E. 470. India. Mysore State. Seed.
462651. I. E. 473. India. Mysore State. Seed.
462652. I. E. 474. India. Mysore State. Seed.
462653. I. E. 475. India. Mysore State. Seed.
462654. I. E. 476. India. Mysore State. Seed.
462655. I. E. 477. India. Mysore State. Seed.
462656. I. E. 478. India. Mysore State. Seed.
462657. I. E. 479. India. Mysore State. Seed.
462658. I. E. 481. India. Mysore State. Seed.
462659. I. E. 483. India. Mysore State. Seed.
462660. I. E. 486. India. Orissa State. Seed.
462661. I. E. 487. India. Orissa State. Seed.
462662. I. E. 488. India. Orissa State. Seed.
462663. I. E. 490. India. Orissa State. Seed.
462664. I. E. 491. India. Orissa State. Seed.
462665. I. E. 492. India. Orissa State. Seed.
462666. I. E. 493. India. Orissa State. Seed.
462667. I. E. 494. India. Orissa State. Seed.
462668. I. E. 496. India. Orissa State. Seed.
462669. I. E. 499. India. Orissa State. Seed.
462670. I. E. 500. India. Orissa State. Seed.
462671. I. E. 501. India. Orissa State. Seed.
462672. I. E. 502. India. Orissa State. Seed.
462673. I. E. 503. India. Orissa State. Seed.
462674. I. E. 506. India. Orissa State. Seed.

462383 TO 463088-continued

- 462675. I. E. 507. India. Orissa State. Seed.
- 462676. I. E. 508. India. Orissa State. Seed.
- 462677. I. E. 509. India. Orissa State. Seed.
- 462678. I. E. 510. India. Orissa State. Seed.
- 462679. I. E. 513. India. Orissa State. Seed.
- 462680. I. E. 514. India. Orissa State. Seed.
- 462681. I. E. 515. India. Orissa State. Seed.
- 462682. I. E. 516. India. Orissa State. Seed.
- 462683. I. E. 517. India. Orissa State. Seed.
- 462684. I. E. 518. India. Orissa State. Seed.
- 462685. I. E. 519. India. Orissa State. Seed.
- 462686. I. E. 521. India. Orissa State. Seed.
- 462687. I. E. 522. India. Orissa State. Seed.
- 462688. I. E. 523. India. Orissa State. Seed.
- 462689. I. E. 524. India. Orissa State. Seed.
- 462690. I. E. 525. India. Orissa State. Seed.
- 462691. I. E. 527. India. Orissa State. Seed.
- 462692. I. E. 528. India. Orissa State. Seed.
- 462693. I. E. 530. India. Orissa State. Seed.
- 462694. I. E. 531. India. Orissa State. Seed.
- 462695. I. E. 532. India. Orissa State. Seed.
- 462696. I. E. 533. India. Orissa State. Seed.
- 462697. I. E. 534. India. Orissa State. Seed.
- 462698. I. E. 537. India. Orissa State. Seed.
- 462699. I. E. 538. India. Orissa State. Seed.
- 462700. I. E. 539. India. Orissa State. Seed.

462383 TO 463088-continued

462701. I. E. 540. India. Orissa State. Seed.
462702. I. E. 543. India. Orissa State. Seed.
462703. I. E. 546. India. Orissa State. Seed.
462704. I. E. 549. India. Orissa State. Seed.
462705. I. E. 551. India. Orissa State. Seed.
462706. I. E. 552. India. Orissa State. Seed.
462707. I. E. 553. India. Orissa State. Seed.
462708. I. E. 556. India. Orissa State. Seed.
462709. I. E. 557. India. Punjab State. Seed.
462710. I. E. 558. India. Punjab State. Seed.
462711. I. E. 559. India. Punjab State. Seed.
462712. I. E. 560. India. Punjab State. Seed.
462713. I. E. 561. India. Punjab State. Seed.
462714. I. E. 562. India. Punjab State. Seed.
462715. I. E. 563. India. Punjab State. Seed.
462716. I. E. 565. India. Punjab State. Seed.
462717. I. E. 566. India. Punjab State. Seed.
462718. I. E. 567. India. Punjab State. Seed.
462719. I. E. 570. India. Punjab State. Seed.
462720. I. E. 571. India. Punjab State. Seed.
462721. I. E. 572. India. Punjab State. Seed.
462722. I. E. 576. India. Rajasthan State. Seed.
462723. I. E. 577. India. Uttar Pradesh State. Seed.
462724. I. E. 578. India. Uttar Pradesh State. Seed.
462725. I. E. 579. India. Uttar Pradesh State. Seed.
462726. I. E. 580. India. Uttar Pradesh State. Seed.

462383 TO 463088-continued

- 462727. I. E. 581. India. Uttar Pradesh State. Seed.
- 462728. I. E. 583. India. Uttar Pradesh State. Seed.
- 462729. I. E. 585. India. Uttar Pradesh State. Seed.
- 462730. I. E. 586. India. Uttar Pradesh State. Seed.
- 462731. I. E. 588. India. Uttar Pradesh State. Seed.
- 462732. I. E. 589. India. Uttar Pradesh State. Seed.
- 462733. I. E. 590. India. Uttar Pradesh State. Seed.
- 462734. I. E. 591. India. Uttar Pradesh State. Seed.
- 462735. I. E. 592. India. Uttar Pradesh State. Seed.
- 462736. I. E. 593. India. Uttar Pradesh State. Seed.
- 462737. I. E. 594. India. Uttar Pradesh State. Seed.
- 462738. I. E. 595. India. Uttar Pradesh State. Seed.
- 462739. I. E. 596. India. Uttar Pradesh State. Seed.
- 462740. I. E. 598. India. Uttar Pradesh State. Seed.
- 462741. I. E. 600. India. Uttar Pradesh State. Seed.
- 462742. I. E. 601. India. Uttar Pradesh State. Seed.
- 462743. I. E. 602. India. Uttar Pradesh State. Seed.
- 462744. I. E. 603. India. Uttar Pradesh State. Seed.
- 462745. I. E. 604. India. Uttar Pradesh State. Seed.
- 462746. I. E. 605. India. Uttar Pradesh State. Seed.
- 462747. I. E. 607. India. Uttar Pradesh State. Seed.
- 462748. I. E. 608. India. Uttar Pradesh State. Seed.
- 462749. I. E. 609. India. Uttar Pradesh State. Seed.
- 462750. I. E. 610. India. Uttar Pradesh State. Seed.
- 462751. I. E. 611. India. Uttar Pradesh State. Seed.
- 462752. I. E. 612. India. Uttar Pradesh State. Seed.

462383 TO 463088-continued

462753. I. E. 613. India. Uttar Pradesh State. Seed.
462754. I. E. 614. India. Uttar Pradesh State. Seed.
462755. I. E. 615. India. Uttar Pradesh State. Seed.
462756. I. E. 616. India. Uttar Pradesh State. Seed.
462757. I. E. 617. India. Uttar Pradesh State. Seed.
462758. I. E. 618. India. Uttar Pradesh State. Seed.
462759. I. E. 619. India. Uttar Pradesh State. Seed.
462760. I. E. 620. India. Uttar Pradesh State. Seed.
462761. I. E. 621. India. Uttar Pradesh State. Seed.
462762. I. E. 622. India. Uttar Pradesh State. Seed.
462763. I. E. 623. India. Uttar Pradesh State. Seed.
462764. I. E. 624. India. Uttar Pradesh State. Seed.
462765. I. E. 626. India. Uttar Pradesh State. Seed.
462766. I. E. 627. India. Uttar Pradesh State. Seed.
462767. I. E. 628. India. Uttar Pradesh State. Seed.
462768. I. E. 629. India. Uttar Pradesh State. Seed.
462769. I. E. 630. India. Uttar Pradesh State. Seed.
462770. I. E. 631. India. Uttar Pradesh State. Seed.
462771. I. E. 632. India. Uttar Pradesh State. Seed.
462772. I. E. 633. India. Uttar Pradesh State. Seed.
462773. I. E. 634. India. Uttar Pradesh State. Seed.
462774. I. E. 635. India. Uttar Pradesh State. Seed.
462775. I. E. 636. India. Uttar Pradesh State. Seed.
462776. I. E. 637. India. Uttar Pradesh State. Seed.
462777. I. E. 638. India. Uttar Pradesh State. Seed.
462778. I. E. 639. India. Uttar Pradesh State. Seed.

462383 TO 463088-continued

462779. I. E. 640. India. Uttar Pradesh State. Seed.
462780. I. E. 641. India. Uttar Pradesh State. Seed.
462781. I. E. 643. India. Uttar Pradesh State. Seed.
462782. I. E. 644. India. Uttar Pradesh State. Seed.
462783. I. E. 645. India. Uttar Pradesh State. Seed.
462784. I. E. 646. India. Uttar Pradesh State. Seed.
462785. I. E. 647. India. Uttar Pradesh State. Seed.
462786. I. E. 648. India. Uttar Pradesh State. Seed.
462787. I. E. 650. India. Uttar Pradesh State. Seed.
462788. I. E. 651. India. Uttar Pradesh State. Seed.
462789. I. E. 652. India. Uttar Pradesh State. Seed.
462790. I. E. 653. India. Uttar Pradesh State. Seed.
462791. I. E. 654. India. Uttar Pradesh State. Seed.
462792. I. E. 655. India. Uttar Pradesh State. Seed.
462793. I. E. 656. India. Uttar Pradesh State. Seed.
462794. I. E. 657. India. Uttar Pradesh State. Seed.
462795. I. E. 658. India. Uttar Pradesh State. Seed.
462796. I. E. 659. India. Uttar Pradesh State. Seed.
462797. I. E. 662. India. NEFA, Assam & Manipur State. Seed.
462798. I. E. 663. India. NEFA, Assam & Manipur State. Seed.
462799. I. E. 664. India. NEFA, Assam & Manipur State. Seed.
462800. I. E. 667. India. NEFA, Assam & Manipur State. Seed.
462801. I. E. 668. India. NEFA, Assam & Manipur State. Seed.
462802. I. E. 672. India. NEFA, Assam & Manipur State. Seed.
462803. I. E. 673. India. NEFA, Assam & Manipur State. Seed.
462804. I. E. 678. India. NEFA, Assam & Manipur State. Seed.

462383 TO 463088-continued

- 462805. I. E. 679. India. NEFA, Assam & Manipur State. Seed.
- 462806. I. E. 680. India. NEFA, Assam & Manipur State. Seed.
- 462807. I. E. 681. India. NEFA, Assam & Manipur State. Seed.
- 462808. I. E. 683. India. NEFA, Assam & Manipur State. Seed.
- 462809. I. E. 685. India. NEFA, Assam & Manipur State. Seed.
- 462810. I. E. 686. India. NEFA, Assam & Manipur State. Seed.
- 462811. I. E. 693. India. Bihar State. Seed.
- 462812. I. E. 695. India. Bihar State. Seed.
- 462813. I. E. 703. India. Bihar State. Seed.
- 462814. I. E. 707. India. Bihar State. Seed.
- 462815. I. E. 709. India. Madhya Pradesh State. Seed.
- 462816. I. E. 710. India. Madhya Pradesh State. Seed.
- 462817. I. E. 711. India. Madhya Pradesh State. Seed.
- 462818. I. E. 712. India. Madhya Pradesh State. Seed.
- 462819. I. E. 713. India. Madhya Pradesh State. Seed.
- 462820. I. E. 714. India. Madhya Pradesh State. Seed.
- 462821. I. E. 715. India. Madhya Pradesh State. Seed.
- 462822. I. E. 717. India. Madhya Pradesh State. Seed.
- 462823. I. E. 720. India. Madhya Pradesh State. Seed.
- 462824. I. E. 721. India. Madhya Pradesh State. Seed.
- 462825. I. E. 722. India. Madhya Pradesh State. Seed.
- 462826. I. E. 726. India. Madhya Pradesh State. Seed.
- 462827. I. E. 727. India. Madhya Pradesh State. Seed.
- 462828. I. E. 728. India. Madhya Pradesh State. Seed.
- 462829. I. E. 729. India. Madhya Pradesh State. Seed.
- 462830. I. E. 730. India. Madhya Pradesh State. Seed.

462383 TO 463088-continued

- 462831. I. E. 732. India. Sikkim State. Seed.
- 462832. I. E. 738. India. Sikkim State. Seed.
- 462833. I. E. 739. India. Sikkim State. Seed.
- 462834. I. E. 740. India. Sikkim State. Seed.
- 462835. I. E. 741. India. Sikkim State. Seed.
- 462836. I. E. 744. India. Madras State. Seed.
- 462837. I. E. 745. India. Madras State. Seed.
- 462838. I. E. 761. India. Uttar Pradesh State. Seed.
- 462839. I. E. 762. India. Andhra Pradesh State. Seed.
- 462840. I. E. 763. India. Andhra Pradesh State. Seed.
- 462841. I. E. 764. India. Andhra Pradesh State. Seed.
- 462842. I. E. 765. India. Andhra Pradesh State. Seed.
- 462843. I. E. 766. India. Andhra Pradesh State. Seed.
- 462844. I. E. 770. India. Andhra Pradesh State. Seed.
- 462845. I. E. 771. India. Andhra Pradesh State. Seed.
- 462846. I. E. 772. India. Madras State. Seed.
- 462847. I. E. 773. India. Madras State. Seed.
- 462848. I. E. 774. India. Madras State. Seed.
- 462849. I. E. 775. India. Madras State. Seed.
- 462850. I. E. 776. India. Madras State. Seed.
- 462851. I. E. 777. India. Madras State. Seed.
- 462852. I. E. 781. India. Madras State. Seed.
- 462853. I. E. 782. India. Madras State. Seed.
- 462854. I. E. 783. India. Madras State. Seed.
- 462855. I. E. 784. India. Madras State. Seed.
- 462856. I. E. 786. India. Madras State. Seed.

462383 TO 463088-continued

462857. I. E. 788. India. Madras State. Seed.
462858. I. E. 789. India. Madras State. Seed.
462859. I. E. 791. India. Madras State. Seed.
462860. I. E. 795. India. Madras State. Seed.
462861. I. E. 796. India. Madras State. Seed.
462862. I. E. 797. India. Madras State. Seed.
462863. I. E. 798. India. Madras State. Seed.
462864. I. E. 799. India. Madras State. Seed.
462865. I. E. 800. India. Madras State. Seed.
462866. I. E. 801. India. Madras State. Seed.
462867. I. E. 802. India. Madras State. Seed.
462868. I. E. 804. India. Madras State. Seed.
462869. I. E. 805. India. Madras State. Seed.
462870. I. E. 806. India. Madras State. Seed.
462871. I. E. 807. India. Madras State. Seed.
462872. I. E. 808. India. Madras State. Seed.
462873. I. E. 809. India. Madras State. Seed.
462874. I. E. 810. India. Madras State. Seed.
462875. I. E. 812. India. Madras State. Seed.
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462879. I. E. 817. India. Madras State. Seed.
462880. I. E. 820. India. Madras State. Seed.
462881. I. E. 827. India. Madras State. Seed.
462882. I. E. 828. India. Madras State. Seed.

462383 TO 463088-continued

- 462883. I. E. 829. India. Madras State. Seed.
- 462884. I. E. 830. India. Madras State. Seed.
- 462885. I. E. 831. India. Madras State. Seed.
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- 462887. I. E. 835. India. Madras State. Seed.
- 462888. I. E. 836. India. Madras State. Seed.
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- 462895. I. E. 850. India. Madras State. Seed.
- 462896. I. E. 851. India. Madras State. Seed.
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- 462902. I. E. 864. India. Madras State. Seed.
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- 462904. I. E. 873. India. Madras State. Seed.
- 462905. I. E. 874. India. Uttar Pradesh. Seed.
- 462906. I. E. 886. Pakistan. Seed.
- 462907. I. E. 887. Pakistan. Seed.
- 462908. I. E. 888. Uganda. Seed.

462383 TO 463088-continued

- 462909. I. E. 889. Uganda. Seed.
- 462910. I. E. 890. Uganda. Seed.
- 462911. I. E. 891. Uganda. Seed.
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- 462933. I. E. 914. Uganda. Seed.
- 462934. I. E. 915. Uganda. Seed.

462383 TO 463088-continued

462935. I. E. 916. Uganda. Seed.
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462960. I. E. 942. India. Seed.

462383 TO 463088-continued

462961. I. E. 943. India. Seed.
462962. I. E. 945. India. Seed.
462963. I. E. 946. India. Seed.
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462984. I. E. 976. India. Seed.
462985. I. E. 977. India. Seed.
462986. I. E. 978. India. Seed.

462383 TO 463088-continued

462987. I. E. 980. India. Seed.
462988. I. E. 982. India. Seed.
462989. I. E. 983. India. Seed.
462990. I. E. 984. India. Seed.
462991. I. E. 985. India. Seed.
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462994. I. E. 989. India. Seed.
462995. I. E. 990. India. Seed.
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462997. I. E. 992. India. Seed.
462998. I. E. 993. India. Seed.
462999. I. E. 994. India. Seed.
463000. I. E. 995. India. Seed.
463001. I. E. 996. India. Seed.
463002. I. E. 997. India. Seed.
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463004. I. E. 999. India. Seed.
463005. I. E. 1000. India. Seed.
463006. I. E. 1001. India. Seed.
463007. I. E. 1002. India. Seed.
463008. I. E. 1003. India. Seed.
463009. I. E. 1004. India. Seed.
463010. I. E. 1005. India. Seed.
463011. I. E. 1006. India. Seed.
463012. I. E. 1007. India. Seed.

462383 TO 463088-continued

463013. I. E. 1008. India. Seed.
463014. I. E. 1009. India. Seed.
463015. I. E. 1010. India. Seed.
463016. I. E. 1011. India. Seed.
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463018. I. E. 1013. India. Seed.
463019. I. E. 1014. India. Seed.
463020. I. E. 1015. India. Seed.
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463038. I. E. 1038. India. Seed.

462383 TO 463088-continued

463039. I. E. 1039. India. Seed.
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463042. I. E. 1042. India. Seed.
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463044. I. E. 1045. India. Seed.
463045. I. E. 1046. India. Seed.
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463049. I. E. 1056. India. Seed.
463050. I. E. 1057. India. Seed.
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463052. I. E. 1059. India. Seed.
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463055. I. E. 1064. India. Seed.
463056. I. E. 1065. India. Seed.
463057. I. E. 1066. India. Seed.
463058. I. E. 1068. India. Seed.
463059. I. E. 1069. India. Seed.
463060. I. E. 1070. India. Seed.
463061. I. E. 1071. India. Seed.
463062. I. E. 1072. India. Seed.
463063. I. E. 1074. India. Seed.
463064. I. E. 1076. India. Seed.

462383 TO 463088-continued

- 463065. I. E. 1098. India. Seed.
- 463066. I. E. 1101. India. Seed.
- 463067. I. E. 1102. India. Seed.
- 463068. I. E. 1115. India. Seed.
- 463069. I. E. 1117. India. Seed.
- 463070. I. E. 1118. India. Seed.
- 463071. I. E. 1120. India. Seed.
- 463072. I. E. 1122. India. Seed.
- 463073. I. E. 1123. India. Seed.
- 463074. I. E. 1124. India. Seed.
- 463075. I. E. 1126. India. Seed.
- 463076. I. E. 1128. India. Seed.
- 463077. I. E. 1129. India. Seed.
- 463078. I. E. 1131. India. Seed.
- 463079. I. E. 1136. India. Seed.
- 463080. I. E. 1137. India. Seed.
- 463081. I. E. 1138. India. Seed.
- 463082. I. E. 1139. India. Seed.
- 463083. I. E. 1140. India. Seed.
- 463084. I. E. 1141. India. Seed.
- 463085. I. E. 1142. India. Seed.
- 463086. I. E. 1143. India. Seed.
- 463087. I. E. 1144. India. Seed.
- 463088. I. E. 1145. India. Seed.

463089 TO 463511. *Panicum miliaceum* L. (Poaceae) Proso millet.

From India. Indian Agriculture Research Institute, Rockefeller

463089 TO 463511-continued
Foundation, New Delhi.
Received March 1981.

- 463089. I. Pm. 8. India. Seed.
- 463090. I. Pm. 14. India. Seed.
- 463091. I. Pm. 36. India. Seed.
- 463092. I. Pm. 96. India. Seed.
- 463093. I. Pm. 101. India. Seed.
- 463094. I. Pm. 138. India. Seed.
- 463095. I. Pm. 196. India. Seed.
- 463096. I. Pm. 211. India. Seed.
- 463097. I. Pm. 215. India. Seed.
- 463098. I. Pm. 237. India. Seed.
- 463099. I. Pm. 244. India. Seed.
- 463100. I. Pm. 247. India. Seed.
- 463101. I. Pm. 254. India. Seed.
- 463102. I. Pm. 299. India. Seed.
- 463103. I. Pm. 308. India. Seed.
- 463104. I. Pm. 324. India. Seed.
- 463105. I. Pm. 325. India. Seed.
- 463106. I. Pm. 1295. India. Seed.
- 463107. I. Pm. 1296/1. India. Seed.
- 463108. I. Pm. 1296/2. India. Seed.
- 463109. I. Pm. 1298. India. Seed.
- 463110. I. Pm. 1299. India. Seed.
- 463111. I. Pm. 1300. India. Seed.
- 463112. I. Pm. 1301. India. Seed.
- 463113. I. Pm. 1302. India. Seed.

463089 TO 463511-continued

- 463114. I. Pm. 1302/1. India. Seed.
- 463115. I. Pm. 1304. India. Seed.
- 463116. I. Pm. 1305. India. Seed.
- 463117. I. Pm. 1306. India. Seed.
- 463118. I. Pm. 1307. India. Seed.
- 463119. I. Pm. 1308/2. India. Seed.
- 463120. I. Pm. 1309. India. Seed.
- 463121. I. Pm. 1310. India. Seed.
- 463122. I. Pm. 1311. India. Seed.
- 463123. I. Pm. 1312. India. Seed.
- 463124. I. Pm. 1313. India. Seed.
- 463125. I. Pm. 1315. India. Seed.
- 463126. I. Pm. 1316. India. Seed.
- 463127. I. Pm. 1317. India. Seed.
- 463128. I. Pm. 1318. India. Seed.
- 463129. I. Pm. 1319. India. Seed.
- 463130. I. Pm. 1320. India. Seed.
- 463131. I. Pm. 1321. India. Seed.
- 463132. I. Pm. 1322. India. Seed.
- 463133. I. Pm. 1323. India. Seed.
- 463134. I. Pm. 1324. India. Seed.
- 463135. I. Pm. 1325. India. Seed.
- 463136. I. Pm. 1326. India. Seed.
- 463137. I. Pm. 1327. India. Seed.
- 463138. I. Pm. 1328. India. Seed.
- 463139. I. Pm. 1329. India. Seed.

463089 TO 463511-continued

- 463140. I. Pm. 1330. India. Seed.
- 463141. I. Pm. 1368. India. Seed.
- 463142. I. Pm. 1369. India. Seed.
- 463143. I. Pm. 1370. India. Seed.
- 463144. I. Pm. 1371. India. Seed.
- 463145. I. Pm. 1372/1. India. Seed.
- 463146. I. Pm. 1372/2. India. Seed.
- 463147. I. Pm. 1373. India. Seed.
- 463148. I. Pm. 1374. India. Seed.
- 463149. I. Pm. 1375. India. Seed.
- 463150. I. Pm. 1376. India. Seed.
- 463151. I. Pm. 1377. India. Seed.
- 463152. I. Pm. 1378. India. Seed.
- 463153. I. Pm. 1380. India. Seed.
- 463154. I. Pm. 1381. India. Seed.
- 463155. I. Pm. 1382. India. Seed.
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- 463159. I. Pm. 1386. India. Seed.
- 463160. I. Pm. 1387. India. Seed.
- 463161. I. Pm. 1389. India. Seed.
- 463162. I. Pm. 1400. India. Seed.
- 463163. I. Pm. 1401. India. Seed.
- 463164. I. Pm. 1402. India. Seed.
- 463165. I. Pm. 1403. India. Seed.

463089 TO 463511-continued

- 463166. I. Pm. 1404. India. Seed.
- 463167. I. Pm. 1406. India. Seed.
- 463168. I. Pm. 1407. India. Seed.
- 463169. I. Pm. 1408. India. Seed.
- 463170. I. Pm. 1409. India. Seed.
- 463171. I. Pm. 1410. India. Seed.
- 463172. I. Pm. 1411. India. Seed.
- 463173. I. Pm. 1417. India. Seed.
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- 463176. I. Pm. 1420. India. Seed.
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- 463182. I. Pm. 1426. India. Seed.
- 463183. I. Pm. 1427. India. Seed.
- 463184. I. Pm. 1428/1. India. Seed.
- 463185. I. Pm. 1429. India. Seed.
- 463186. I. Pm. 1430. India. Seed.
- 463187. I. Pm. 1431. India. Seed.
- 463188. I. Pm. 1432. India. Seed.
- 463189. I. Pm. 1433. India. Seed.
- 463190. I. Pm. 1434. India. Seed.
- 463191. I. Pm. 1435. India. Seed.

463089 TO 463511-continued

- 463192. I. Pm. 1436. India. Seed.
- 463193. I. Pm. 1437. India. Seed.
- 463194. I. Pm. 1438. India. Seed.
- 463195. I. Pm. 1439. India. Seed.
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- 463199. I. Pm. 1443. India. Seed.
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- 463201. I. Pm. 1446. India. Seed.
- 463202. I. Pm. 1447. India. Seed.
- 463203. I. Pm. 1448. India. Seed.
- 463204. I. Pm. 1449. India. Seed.
- 463205. I. Pm. 1450. India. Seed.
- 463206. I. Pm. 1451. India. Seed.
- 463207. I. Pm. 1452/1. India. Seed.
- 463208. I. Pm. 1453. India. Seed.
- 463209. I. Pm. 1454. India. Seed.
- 463210. I. Pm. 1456. India. Seed.
- 463211. I. Pm. 1457/1. India. Seed.
- 463212. I. Pm. 1457/2. India. Seed.
- 463213. I. Pm. 1458. India. Seed.
- 463214. I. Pm. 1459. India. Seed.
- 463215. I. Pm. 1460. India. Seed.
- 463216. I. Pm. 1462. India. Seed.
- 463217. I. Pm. 1464. India. Seed.

463089 TO 463511-continued

463218. I. Pm. 1465. India. Seed.
463219. I. Pm. 1466. India. Seed.
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463240. I. Pm. 1498. India. Seed.
463241. I. Pm. 1499. India. Seed.
463242. I. Pm. 1500. India. Seed.
463243. I. Pm. 1501. India. Rajasthan State. Seed.

463089 TO 463511-continued

463244. I. Pm. 1502. India. Maharashtra State. Seed.
463245. I. Pm. 1503. India. Kerala State. Seed.
463246. I. Pm. 1504. India. Orissa State. Seed.
463247. I. Pm. 1505. India. Orissa State. Seed.
463248. I. Pm. 1506. India. Orissa State. Seed.
463249. I. Pm. 1507. India. Orissa State. Seed.
463250. I. Pm. 1509. India. Andhra Pradesh State. Seed.
463251. I. Pm. 1510. India. Andhra Pradesh State. Seed.
463252. I. Pm. 1511. India. Andhra Pradesh State. Seed.
463253. I. Pm. 1512. India. Andhra Pradesh State. Seed.
463254. I. Pm. 1513. India. Andhra Pradesh State. Seed.
463255. I. Pm. 1514. India. Kerala State. Seed.
463256. I. Pm. 1517. India. Kerala State. Seed.
463257. I. Pm. 1518. India. Madhya Pradesh State. Seed.
463258. I. Pm. 1519. India. Bihar State. Seed.
463259. I. Pm. 1520. India. Bihar State. Seed.
463260. I. Pm. 1521. India. Madhya Pradesh State. Seed.
463261. I. Pm. 1523. India. Madhya Pradesh State. Seed.
463262. I. Pm. 1525. India. Madhya Pradesh State. Seed.
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463265. I. Pm. 1530. India. Madhya Pradesh State. Seed.
463266. I. Pm. 1531. India. Madhya Pradesh State. Seed.
463267. I. Pm. 1534. India. Seed.
463268. I. Pm. 1537. India. Seed.
463269. I. Pm. 1562. India. Seed.

463089 TO 463511-continued

- 463270. I. Pm. 1564. India. Seed.
- 463271. I. Pm. 1566. India. Seed.
- 463272. I. Pm. 1568. India. Seed.
- 463273. I. Pm. 1569. India. Seed.
- 463274. I. Pm. 1570. India. Seed.
- 463275. I. Pm. 1572. India. Seed.
- 463276. I. Pm. 1573. India. Seed.
- 463277. I. Pm. 1574/1. India. Seed.
- 463278. I. Pm. 1575. India. Seed.
- 463279. I. Pm. 1578. India. Seed.
- 463280. I. Pm. 1581. India. Seed.
- 463281. I. Pm. 1582. India. Seed.
- 463282. I. Pm. 1583. India. Seed.
- 463283. I. Pm. 1584. India. Seed.
- 463284. I. Pm. 1587. India. Seed.
- 463285. I. Pm. 1590. India. Seed.
- 463286. I. Pm. 1591. India. Seed.
- 463287. I. Pm. 1592. India. Seed.
- 463288. I. Pm. 1593. India. Seed.
- 463289. I. Pm. 1595. India. Seed.
- 463290. I. Pm. 1599. India. Seed.
- 463291. I. Pm. 1600. India. Seed.
- 463292. I. Pm. 1601. India. Seed.
- 463293. I. Pm. 1602. India. Seed.
- 463294. I. Pm. 1603. India. Seed.
- 463295. I. Pm. 1604. India. Seed.

463089 TO 463511-continued

463296. I. Pm. 1605. India. Seed.
463297. I. Pm. 1606. India. Seed.
463298. I. Pm. 1607. India. Seed.
463299. I. Pm. 1608. India. Seed.
463300. I. Pm. 1609. India. Seed.
463301. I. Pm. 1610. India. Seed.
463302. I. Pm. 1611. India. Seed.
463303. I. Pm. 1612. India. Seed.
463304. I. Pm. 1613. India. Seed.
463305. I. Pm. 1614. India. Seed.
463306. I. Pm. 1615. India. Seed.
463307. I. Pm. 1616. India. Seed.
463308. I. Pm. 1617. India. Seed.
463309. I. Pm. 1618. India. Seed.
463310. I. Pm. 1619. India. Seed.
463311. I. Pm. 1620. India. Seed.
463312. I. Pm. 1622. India. Seed.
463313. I. Pm. 1623. India. Seed.
463314. I. Pm. 1624. India. Seed.
463315. I. Pm. 1625. India. Seed.
463316. I. Pm. 1626. India. Seed.
463317. I. Pm. 1627. India. Seed.
463318. I. Pm. 1628. India. Seed.
463319. I. Pm. 1629. India. Seed.
463320. I. Pm. 1657. India. Seed.
463321. I. Pm. 1658. India. Seed.

463089 TO 463511-continued

463322. I. Pm. 1659. India. Seed.
463323. I. Pm. 1660. India. Seed.
463324. I. Pm. 1661. India. Seed.
463325. I. Pm. 1664. India. Seed.
463326. I. Pm. 1665. India. Seed.
463327. I. Pm. 1666. India. Seed.
463328. I. Pm. 1667. India. Seed.
463329. I. Pm. 1668. India. Seed.
463330. I. Pm. 1669. India. Seed.
463331. I. Pm. 1670. India. Seed.
463332. I. Pm. 1671. India. Seed.
463333. I. Pm. 1672. India. Seed.
463334. I. Pm. 1673. India. Seed.
463335. I. Pm. 1674. India. Seed.
463336. I. Pm. 1676. India. Seed.
463337. I. Pm. 1677. India. Seed.
463338. I. Pm. 1678. India. Seed.
463339. I. Pm. 1679. India. Seed.
463340. I. Pm. 1680. India. Seed.
463341. I. Pm. 1681. India. Seed.
463342. I. Pm. 1682. India. Seed.
463343. I. Pm. 1684. India. Seed.
463344. I. Pm. 1685. India. Seed.
463345. I. Pm. 1686. India. Seed.
463346. I. Pm. 1687. India. Seed.
463347. I. Pm. 1688. India. Seed.

463089 TO 463511-continued

463348. I. Pm. 1690. India. Seed.
463349. I. Pm. 1691. India. Seed.
463350. I. Pm. 1692. India. Seed.
463351. I. Pm. 1693. India. Seed.
463352. I. Pm. 1694. India. Seed.
463353. I. Pm. 1695. India. Seed.
463354. I. Pm. 1697. India. Seed.
463355. I. Pm. 1699. India. Seed.
463356. I. Pm. 1702. India. Seed.
463357. I. Pm. 1703. India. Seed.
463358. I. Pm. 1705. India. Seed.
463359. I. Pm. 1706. India. Seed.
463360. I. Pm. 1707. India. Seed.
463361. I. Pm. 1708. India. Seed.
463362. I. Pm. 1709. India. Seed.
463363. I. Pm. 1711. India. Seed.
463364. I. Pm. 1712. India. Seed.
463365. I. Pm. 1713. India. Seed.
463366. I. Pm. 1715. India. Seed.
463367. I. Pm. 1716. India. Seed.
463368. I. Pm. 1717. India. Seed.
463369. I. Pm. 1718. India. Seed.
463370. I. Pm. 1720. India. Seed.
463371. I. Pm. 1721. India. Seed.
463372. I. Pm. 2419. India. Seed.
463373. I. Pm. 2420. India. Seed.

463089 TO 463511-continued

463374. I. Pm. 2422. India. Seed.
463375. I. Pm. 3346. India. Seed.
463376. I. Pm. 3347. India. Seed.
463377. I. Pm. 4798. India. Seed.
463378. I. Pm. 4802. India. Seed.
463379. I. Pm. 4804. India. Seed.
463380. I. Pm. 4806/1. India. Seed.
463381. I. Pm. 4806/2. India. Seed.
463382. I. Pm. 4812. India. Seed.
463383. I. Pm. 4813. India. Seed.
463384. I. Pm. 4816. India. Seed.
463385. I. Pm. 4821. India. Seed.
463386. I. Pm. 4824. India. Seed.
463387. I. Pm. 4839. India. Seed.
463388. I. Pm. 4847. India. Seed.
463389. I. Pm. 4848. India. Seed.
463390. I. Pm. 4863. India. Seed.
463391. I. Pm. 4864. India. Seed.
463392. I. Pm. 4865. India. Seed.
463393. I. Pm. 4866. India. Seed.
463394. I. Pm. 4867. India. Seed.
463395. I. Pm. 4869. India. Seed.
463396. I. Pm. 4874. India. Seed.
463397. I. Pm. 4876. India. Seed.
463398. I. Pm. 4877. India. Seed.
463399. I. Pm. 4878. India. Seed.

463089 TO 463511-continued

463400. I. Pm. 4879. India. Seed.
463401. I. Pm. 4881. India. Seed.
463402. I. Pm. 4882. India. Seed.
463403. I. Pm. 4884. India. Seed.
463404. I. Pm. 4885. India. Seed.
463405. I. Pm. 4887. India. Seed.
463406. I. Pm. 4888. India. Seed.
463407. I. Pm. 4889. India. Seed.
463408. I. Pm. 4892. India. Seed.
463409. I. Pm. 4893. India. Seed.
463410. I. Pm. 4895. India. Seed.
463411. I. Pm. 4896. India. Seed.
463412. I. Pm. 4901. India. Seed.
463413. I. Pm. 4902. India. Seed.
463414. I. Pm. 4903. India. Seed.
463415. I. Pm. 4905. India. Seed.
463416. I. Pm. 4906. India. Seed.
463417. I. Pm. 4908. India. Seed.
463418. I. Pm. 4911. India. Seed.
463419. I. Pm. 4917. India. Seed.
463420. I. Pm. 4920. India. Seed.
463421. I. Pm. 4921. India. Seed.
463422. I. Pm. 4922. India. Seed.
463423. I. Pm. 4923. India. Seed.
463424. I. Pm. 4924. India. Seed.
463425. I. Pm. 4925. India. Seed.

463089 TO 463511-continued

463426. I. Pm. 4926. India. Seed.
463427. I. Pm. 4927. India. Seed.
463428. I. Pm. 4930. India. Seed.
463429. I. Pm. 4934. India. Seed.
463430. I. Pm. 4937. India. Seed.
463431. I. Pm. 4939. India. Seed.
463432. I. Pm. 4942. India. Seed.
463433. I. Pm. 4944. India. Seed.
463434. I. Pm. 4945. India. Seed.
463435. I. Pm. 4946. India. Seed.
463436. I. Pm. 4953. India. Seed.
463437. I. Pm. 4954. India. Seed.
463438. I. Pm. 4955. India. Seed.
463439. I. Pm. 4956. India. Seed.
463440. I. Pm. 4958. India. Seed.
463441. I. Pm. 4961. India. Seed.
463442. I. Pm. 4966. India. Seed.
463443. I. Pm. 4967. India. Seed.
463444. I. Pm. 4968. India. Seed.
463445. I. Pm. 4969. India. Seed.
463446. I. Pm. 4970. India. Seed.
463447. I. Pm. 4971. India. Seed.
463448. I. Pm. 4972. India. Seed.
463449. I. Pm. 4973. India. Seed.
463450. I. Pm. 4974. India. Seed.
463451. I. Pm. 4976. India. Seed.

463089 TO 463511-continued

463452. I. Pm. 4977. India. Seed.
463453. I. Pm. 4978. India. Seed.
463454. I. Pm. 4979. India. Seed.
463455. I. Pm. 4980. India. Seed.
463456. I. Pm. 4982. India. Seed.
463457. I. Pm. 4984. India. Seed.
463458. I. Pm. 4985. India. Seed.
463459. I. Pm. 4986. India. Seed.
463460. I. Pm. 4990. India. Seed.
463461. I. Pm. 4995. India. Seed.
463462. I. Pm. 4996. India. Seed.
463463. I. Pm. 4997. India. Seed.
463464. I. Pm. 5000. India. Seed.
463465. I. Pm. 5001. India. Seed.
463466. I. Pm. 5002. India. Seed.
463467. I. Pm. 5003. India. Seed.
463468. I. Pm. 5009. India. Seed.
463469. I. Pm. 5010. India. Seed.
463470. I. Pm. 5014. India. Seed.
463471. I. Pm. 5015. India. Seed.
463472. I. Pm. 5017. India. Seed.
463473. I. Pm. 5019. India. Seed.
463474. I. Pm. 5020. India. Seed.
463475. I. Pm. 5021. India. Seed.
463476. I. Pm. 5024. India. Seed.
463477. I. Pm. 5026. India. Seed.

463089 TO 463511-continued

463478. I. Pm. 5027. India. Seed.
463479. I. Pm. 5028. India. Seed.
463480. I. Pm. 5028/1. India. Seed.
463481. I. Pm. 5028/2. India. Seed.
463482. I. Pm. 5032. India. Seed.
463483. I. Pm. 5035. India. Seed.
463484. I. Pm. 5036. India. Seed.
463485. I. Pm. 5039. India. Seed.
463486. I. Pm. 5043. India. Seed.
463487. I. Pm. 5044. India. Seed.
463488. I. Pm. 5045. India. Seed.
463489. I. Pm. 5046. India. Seed.
463490. I. Pm. 5047. India. Seed.
463491. I. Pm. 5065. India. Seed.
463492. I. Pm. 5094. India. Seed.
463493. I. Pm. 5196. India. Seed.
463494. I. Pm. 5197. India. Seed.
463495. I. Pm. 5198. India. Seed.
463496. I. Pm. 5201. India. Seed.
463497. I. Pm. 5202. India. Seed.
463498. I. Pm. 5204. India. Seed.
463499. I. Pm. 5218. India. Seed.
463500. I. Pm. 5219. India. Seed.
463501. I. Pm. 5220. India. Seed.
463502. I. Pm. 5221. India. Seed.
463503. I. Pm. 5222. India. Seed.

463089 TO 463511-continued

- 463504. I. Pm. 5223. India. Seed.
- 463505. I. Pm. 5224. India. Seed.
- 463506. I. Pm. 5225. India. Seed.
- 463507. I. Pm. 5226. India. Seed.
- 463508. I. Pm. 5230. India. Seed.
- 463509. I. Pm. 5233. India. Seed.
- 463510. I. Pm. 5234. India. Seed.
- 463511. I. Pm. CO-1. India. Seed.

463512 TO 463845. *Panicum sumatrense* Roth ex Roem. & Schult. (Poaceae)
Little millet.

From India. Indian Agriculture Research Institute, Rockefeller
Foundation, New Delhi.
Received March 1981.

- 463512. I. Pmr. 1. India. Andhra Pradesh State. Received as P.
miliare. Seed.
- 463513. I. Pmr. 2. India. Andhra Pradesh State. Received as P.
miliare. Seed.
- 463514. I. Pmr. 3. India. Andhra Pradesh State. Received as P.
miliare. Seed.
- 463515. I. Pmr. 4. India. Andhra Pradesh State. Received as P.
miliare. Seed.
- 463516. I. Pmr. 5. India. Andhra Pradesh State. Received as P.
miliare. Seed.
- 463517. I. Pmr. 6. India. West Bengal State. Received as P.
miliare. Seed.
- 463518. I. Pmr. 8. India. West Bengal State. Received as P.
miliare. Seed.
- 463519. I. Pmr. 9. India. West Bengal State. Received as P.
miliare. Seed.
- 463520. I. Pmr. 10. India. West Bengal State. Received as P.
miliare. Seed.
- 463521. I. Pmr. 14. India. West Bengal State. Received as P.

463512 TO 463845-continued
miliare. Seed.

463522. I. Pmr. 18. India. West Bengal State. Received as P. miliare. Seed.
463523. I. Pmr. 19. India. West Bengal State. Received as P. miliare. Seed.
463524. I. Pmr. 20. India. West Bengal State. Received as P. miliare. Seed.
463525. I. Pmr. 21. India. West Bengal State. Received as P. miliare. Seed.
463526. I. Pmr. 22. India. West Bengal State. Received as P. miliare. Seed.
463527. I. Pmr. 23. India. West Bengal State. Received as P. miliare. Seed.
463528. I. Pmr. 24. India. Bihar State. Received as P. miliare. Seed.
463529. I. Pmr. 26. India. Bihar State. Received as P. miliare. Seed.
463530. I. Pmr. 28. India. Bihar State. Received as P. miliare. Seed.
463531. I. Pmr. 29. India. Bihar State. Received as P. miliare. Seed.
463532. I. Pmr. 30. India. Bihar State. Received as P. miliare. Seed.
463533. I. Pmr. 33. India. Bihar State. Received as P. miliare. Seed.
463534. I. Pmr. 34. India. Bihar State. Received as P. miliare. Seed.
463535. I. Pmr. 35. India. Bihar State. Received as P. miliare. Seed.
463536. I. Pmr. 36. India. Bihar State. Received as P. miliare. Seed.
463537. I. Pmr. 37. India. Bihar State. Received as P. miliare. Seed.
463538. I. Pmr. 41. India. Bihar State. Received as P. miliare. Seed.

463512 TO 463845-continued

463539. I. Pmr. 42. India. Bihar State. Received as P. miliare. Seed.
463540. I. Pmr. 43. India. Bihar State. Received as P. miliare. Seed.
463541. I. Pmr. 45. India. Bihar State. Received as P. miliare. Seed.
463542. I. Pmr. 47. India. Bihar State. Received as P. miliare. Seed.
463543. I. Pmr. 48. India. Bihar State. Received as P. miliare. Seed.
463544. I. Pmr. 49. India. Bihar State. Received as P. miliare. Seed.
463545. I. Pmr. 50. India. Bihar State. Received as P. miliare. Seed.
463546. I. Pmr. 51. India. Bihar State. Received as P. miliare. Seed.
463547. I. Pmr. 52. India. Bihar State. Received as P. miliare. Seed.
463548. I. Pmr. 53. India. Bihar State. Received as P. miliare. Seed.
463549. I. Pmr. 54. India. Bihar State. Received as P. miliare. Seed.
463550. I. Pmr. 56. India. Bihar State. Received as P. miliare. Seed.
463551. I. Pmr. 57. India. Bihar State. Received as P. miliare. Seed.
463552. I. Pmr. 59. India. Bihar State. Received as P. miliare. Seed.
463553. I. Pmr. 60. India. Bihar State. Received as P. miliare. Seed.
463554. I. Pmr. 61. India. Bihar State. Received as P. miliare. Seed.
463555. I. Pmr. 62. India. Bihar State. Received as P. miliare. Seed.
463556. I. Pmr. 65. India. Bihar State. Received as P. miliare.

463512 TO 463845-continued
Seed.

463557. I. Pmr. 66. India. Bihar State. Received as P. miliare. Seed.
463558. I. Pmr. 69. India. Bihar State. Received as P. miliare. Seed.
463559. I. Pmr. 70. India. Bihar State. Received as P. miliare. Seed.
463560. I. Pmr. 72. India. Bihar State. Received as P. miliare. Seed.
463561. I. Pmr. 73. India. Bihar State. Received as P. miliare. Seed.
463562. I. Pmr. 102. India. Madhya Pradesh State. Received as P. miliare. Seed.
463563. I. Pmr. 112. India. Madhya Pradesh State. Received as P. miliare. Seed.
463564. I. Pmr. 113. India. Madhya Pradesh State. Received as P. miliare. Seed.
463565. I. Pmr. 115. India. Madhya Pradesh State. Received as P. miliare. Seed.
463566. I. Pmr. 121. India. Madhya Pradesh State. Received as P. miliare. Seed.
463567. I. Pmr. 124. India. Madhya Pradesh State. Received as P. miliare. Seed.
463568. I. Pmr. 127. India. Madhya Pradesh State. Received as P. miliare. Seed.
463569. I. Pmr. 128. India. Madhya Pradesh State. Received as P. miliare. Seed.
463570. I. Pmr. 129. India. Madhya Pradesh State. Received as P. miliare. Seed.
463571. I. Pmr. 130. India. Madhya Pradesh State. Received as P. miliare. Seed.
463572. I. Pmr. 140. India. Madhya Pradesh State. Received as P. miliare. Seed.
463573. I. Pmr. 141. India. Madhya Pradesh State. Received as P. miliare. Seed.

463512 TO 463845-continued

- 463574. I. Pmr. 142. India. Madhya Pradesh State. Received as P. miliare. Seed.
- 463575. I. Pmr. 143. India. Madhya Pradesh State. Received as P. miliare. Seed.
- 463576. I. Pmr. 145. India. Madhya Pradesh State. Received as P. miliare. Seed.
- 463577. I. Pmr. 146. India. Madhya Pradesh State. Received as P. miliare. Seed.
- 463578. I. Pmr. 148. India. Madras State. Received as P. miliare. Seed.
- 463579. I. Pmr. 151. India. Madras State. Received as P. miliare. Seed.
- 463580. I. Pmr. 153. India. Madras State. Received as P. miliare. Seed.
- 463581. I. Pmr. 155. India. Madras State. Received as P. miliare. Seed.
- 463582. I. Pmr. 157. India. Madras State. Received as P. miliare. Seed.
- 463583. I. Pmr. 158. India. Madras State. Received as P. miliare. Seed.
- 463584. I. Pmr. 160. India. Madras State. Received as P. miliare. Seed.
- 463585. I. Pmr. 161. India. Madras State. Received as P. miliare. Seed.
- 463586. I. Pmr. 162. India. Madras State. Received as P. miliare. Seed.
- 463587. I. Pmr. 164. India. Madras State. Received as P. miliare. Seed.
- 463588. I. Pmr. 165. India. Maharashtra State. Received as P. miliare. Seed.
- 463589. I. Pmr. 166. India. Maharashtra State. Received as P. miliare. Seed.
- 463590. I. Pmr. 169. India. Maharashtra State. Received as P. miliare. Seed.
- 463591. I. Pmr. 170. India. Maharashtra State. Received as P.

463512 TO 463845-continued
miliare. Seed.

463592. I. Pmr. 171. India. Maharashtra State. Received as P. miliare. Seed.
463593. I. Pmr. 173. India. Mysore State. Received as P. miliare. Seed.
463594. I. Pmr. 174. India. Mysore State. Received as P. miliare. Seed.
463595. I. Pmr. 175. India. Mysore State. Received as P. miliare. Seed.
463596. I. Pmr. 176. India. Orissa State. Received as P. miliare. Seed.
463597. I. Pmr. 178. India. Orissa State. Received as P. miliare. Seed.
463598. I. Pmr. 179. India. Orissa State. Received as P. miliare. Seed.
463599. I. Pmr. 180. India. Orissa State. Received as P. miliare. Seed.
463600. I. Pmr. 181. India. Orissa State. Received as P. miliare. Seed.
463601. I. Pmr. 183. India. Punjab State. Received as P. miliare. Seed.
463602. I. Pmr. 185. India. Punjab State. Received as P. miliare. Seed.
463603. I. Pmr. 186. India. Punjab State. Received as P. miliare. Seed.
463604. I. Pmr. 187. India. Punjab State. Received as P. miliare. Seed.
463605. I. Pmr. 189. India. Punjab State. Received as P. miliare. Seed.
463606. I. Pmr. 190. India. Punjab State. Received as P. miliare. Seed.
463607. I. Pmr. 195. India. Rajasthan State. Received as P. miliare. Seed.
463608. I. Pmr. 200. India. Rajasthan State. Received as P. miliare. Seed.

463512 TO 463845-continued

- 463609. I. Pmr. 204. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463610. I. Pmr. 207. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463611. I. Pmr. 208. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463612. I. Pmr. 209. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463613. I. Pmr. 210. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463614. I. Pmr. 211. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463615. I. Pmr. 212. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463616. I. Pmr. 213. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463617. I. Pmr. 215. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463618. I. Pmr. 216. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463619. I. Pmr. 217. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463620. I. Pmr. 218. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463621. I. Pmr. 219. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463622. I. Pmr. 220. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463623. I. Pmr. 221. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463624. I. Pmr. 222. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463625. I. Pmr. 223. India. Uttar Pradesh State. Received as P. miliare. Seed.
- 463626. I. Pmr. 224. India. Uttar Pradesh State. Received as P.

463512 TO 463845-continued
miliare. Seed.

463627. I. Pmr. 225. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463628. I. Pmr. 226. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463629. I. Pmr. 227. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463630. I. Pmr. 228. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463631. I. Pmr. 229. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463632. I. Pmr. 230. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463633. I. Pmr. 231. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463634. I. Pmr. 232. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463635. I. Pmr. 233. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463636. I. Pmr. 234. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463637. I. Pmr. 235. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463638. I. Pmr. 236. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463639. I. Pmr. 237. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463640. I. Pmr. 238. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463641. I. Pmr. 239. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463642. I. Pmr. 240. India. Uttar Pradesh State. Received as P.
miliare. Seed.
463643. I. Pmr. 248. India. Uttar Pradesh State. Received as P.
miliare. Seed.

463512 TO 463845-continued

463644. I. Pmr. 249. India. Uttar Pradesh State. Received as P. miliare. Seed.
463645. I. Pmr. 253. India. Uttar Pradesh State. Received as P. miliare. Seed.
463646. I. Pmr. 274. India. Uttar Pradesh State. Received as P. miliare. Seed.
463647. I. Pmr. 276. India. Uttar Pradesh State. Received as P. miliare. Seed.
463648. I. Pmr. 277. India. Uttar Pradesh State. Received as P. miliare. Seed.
463649. I. Pmr. 351. India. Madhya Pradesh State. Received as P. miliare. Seed.
463650. I. Pmr. 352. India. Madhya Pradesh State. Received as P. miliare. Seed.
463651. I. Pmr. 354. India. Madhya Pradesh State. Received as P. miliare. Seed.
463652. I. Pmr. 356. India. Madhya Pradesh State. Received as P. miliare. Seed.
463653. I. Pmr. 358. India. Madhya Pradesh State. Received as P. miliare. Seed.
463654. I. Pmr. 359. India. Madras State. Received as P. miliare. Seed.
463655. I. Pmr. 360. India. Madras State. Received as P. miliare. Seed.
463656. I. Pmr. 361. India. Madras State. Received as P. miliare. Seed.
463657. I. Pmr. 362. India. Madras State. Received as P. miliare. Seed.
463658. I. Pmr. 363. India. Madras State. Received as P. miliare. Seed.
463659. I. Pmr. 364. India. Madras State. Received as P. miliare. Seed.
463660. I. Pmr. 365. India. Madras State. Received as P. miliare. Seed.
463661. I. Pmr. 366. India. Madras State. Received as P. miliare.

463512 TO 463845-continued
Seed.

463662. I. Pmr. 367. India. Madras State. Received as P. miliare. Seed.
463663. I. Pmr. 369. India. Madras State. Received as P. miliare. Seed.
463664. I. Pmr. 370. India. Madras State. Received as P. miliare. Seed.
463665. I. Pmr. 371. India. Madras State. Received as P. miliare. Seed.
463666. I. Pmr. 372. India. Madras State. Received as P. miliare. Seed.
463667. I. Pmr. 374. India. Madras State. Received as P. miliare. Seed.
463668. I. Pmr. 375. India. Madras State. Received as P. miliare. Seed.
463669. I. Pmr. 376. India. Madras State. Received as P. miliare. Seed.
463670. I. Pmr. 377-A. India. Madras State. Received as P. miliare. Seed.
463671. I. Pmr. 377-B. India. Madras State. Received as P. miliare. Seed.
463672. I. Pmr. 381. India. Madras State. Received as P. miliare. Seed.
463673. I. Pmr. 382. India. Madras State. Received as P. miliare. Seed.
463674. I. Pmr. 383. India. Madras State. Received as P. miliare. Seed.
463675. I. Pmr. 384. India. Madras State. Received as P. miliare. Seed.
463676. I. Pmr. 385. India. Madras State. Received as P. miliare. Seed.
463677. I. Pmr. 386. India. Madras State. Received as P. miliare. Seed.
463678. I. Pmr. 387. India. Maharashtra State. Received as P. miliare. Seed.

463512 TO 463845-continued

463679. I. Pmr. 389. India. Mysore State. Received as P. miliare. Seed.
463680. I. Pmr. 391. India. Mysore State. Received as P. miliare. Seed.
463681. I. Pmr. 392. India. Mysore State. Received as P. miliare. Seed.
463682. I. Pmr. 393. India. Mysore State. Received as P. miliare. Seed.
463683. I. Pmr. 394. India. Mysore State. Received as P. miliare. Seed.
463684. I. Pmr. 395. India. Mysore State. Received as P. miliare. Seed.
463685. I. Pmr. 396. India. Mysore State. Received as P. miliare. Seed.
463686. I. Pmr. 397. India. Mysore State. Received as P. miliare. Seed.
463687. I. Pmr. 398. India. Mysore State. Received as P. miliare. Seed.
463688. I. Pmr. 402. India. Mysore State. Received as P. miliare. Seed.
463689. I. Pmr. 403. India. Mysore State. Received as P. miliare. Seed.
463690. I. Pmr. 404. India. Mysore State. Received as P. miliare. Seed.
463691. I. Pmr. 405. India. Mysore State. Received as P. miliare. Seed.
463692. I. Pmr. 406. India. Mysore State. Received as P. miliare. Seed.
463693. I. Pmr. 407. India. Mysore State. Received as P. miliare. Seed.
463694. I. Pmr. 408. India. Mysore State. Received as P. miliare. Seed.
463695. I. Pmr. 409. India. Mysore State. Received as P. miliare. Seed.
463696. I. Pmr. 410. India. Mysore State. Received as P. miliare.

463512 TO 463845-continued
Seed.

463697. I. Pmr. 411. India. Mysore State. Received as P. miliare.
Seed.
463698. I. Pmr. 412. India. Mysore State. Received as P. miliare.
Seed.
463699. I. Pmr. 413. India. Mysore State. Received as P. miliare.
Seed.
463700. I. Pmr. 414. India. Mysore State. Received as P. miliare.
Seed.
463701. I. Pmr. 415. India. Mysore State. Received as P. miliare.
Seed.
463702. I. Pmr. 416. India. Mysore State. Received as P. miliare.
Seed.
463703. I. Pmr. 417. India. Mysore State. Received as P. miliare.
Seed.
463704. I. Pmr. 420. India. Orissa State. Received as P. miliare.
Seed.
463705. I. Pmr. 421. India. Orissa State. Received as P. miliare.
Seed.
463706. I. Pmr. 422. India. Orissa State. Received as P. miliare.
Seed.
463707. I. Pmr. 425. India. Orissa State. Received as P. miliare.
Seed.
463708. I. Pmr. 427. India. Orissa State. Received as P. miliare.
Seed.
463709. I. Pmr. 428. India. Orissa State. Received as P. miliare.
Seed.
463710. I. Pmr. 432. India. Orissa State. Received as P. miliare.
Seed.
463711. I. Pmr. 433. India. Orissa State. Received as P. miliare.
Seed.
463712. I. Pmr. 435. India. Orissa State. Received as P. miliare.
Seed.
463713. I. Pmr. 436. India. Orissa State. Received as P. miliare.
Seed.

463512 TO 463845-continued

463714. I. Pmr. 437. India. Orissa State. Received as P. miliare. Seed.
463715. I. Pmr. 442. India. Orissa State. Received as P. miliare. Seed.
463716. I. Pmr. 443. India. Orissa State. Received as P. miliare. Seed.
463717. I. Pmr. 444. India. Orissa State. Received as P. miliare. Seed.
463718. I. Pmr. 445. India. Orissa State. Received as P. miliare. Seed.
463719. I. Pmr. 447. India. Orissa State. Received as P. miliare. Seed.
463720. I. Pmr. 449. India. Orissa State. Received as P. miliare. Seed.
463721. I. Pmr. 450. India. Orissa State. Received as P. miliare. Seed.
463722. I. Pmr. 452. India. Orissa State. Received as P. miliare. Seed.
463723. I. Pmr. 453-A. India. Orissa State. Received as P. miliare. Seed.
463724. I. Pmr. 453-B. India. Orissa State. Received as P. miliare. Seed.
463725. I. Pmr. 454. India. Punjab State. Received as P. miliare. Seed.
463726. I. Pmr. 1001. India. West Bengal State. Received as P. miliare. Seed.
463727. I. Pmr. 1003. India. Received as P. miliare. Seed.
463728. I. Pmr. 1004. India. Received as P. miliare. Seed.
463729. I. Pmr. 1006. India. Maharashtra State. Received as P. miliare. Seed.
463730. I. Pmr. 1010. India. Maharashtra State. Received as P. miliare. Seed.
463731. I. Pmr. 1015. India. Bihar State. Received as P. miliare. Seed.

463512 TO 463845-continued

463732. I. Pmr. 1028. India. West Bengal State. Received as P. miliare. Seed.
463733. I. Pmr. 1030. India. West Bengal State. Received as P. miliare. Seed.
463734. I. Pmr. 1031. India. West Bengal State. Received as P. miliare. Seed.
463735. I. Pmr. 1032. India. West Bengal State. Received as P. miliare. Seed.
463736. I. Pmr. 1033. India. West Bengal State. Received as P. miliare. Seed.
463737. I. Pmr. 1034. India. West Bengal State. Received as P. miliare. Seed.
463738. I. Pmr. 1035. India. West Bengal State. Received as P. miliare. Seed.
463739. I. Pmr. 1036. India. West Bengal State. Received as P. miliare. Seed.
463740. I. Pmr. 1037. India. Bihar State. Received as P. miliare. Seed.
463741. I. Pmr. 1038. India. Bihar State. Received as P. miliare. Seed.
463742. I. Pmr. 1039. India. Bihar State. Received as P. miliare. Seed.
463743. I. Pmr. 1040. India. Bihar State. Received as P. miliare. Seed.
463744. I. Pmr. 1041. India. Bihar State. Received as P. miliare. Seed.
463745. I. Pmr. 1042. India. Bihar State. Received as P. miliare. Seed.
463746. I. Pmr. 1043. India. Bihar State. Received as P. miliare. Seed.
463747. I. Pmr. 1044. India. Bihar State. Received as P. miliare. Seed.
463748. I. Pmr. 1047. India. Bihar State. Received as P. miliare. Seed.
463749. I. Pmr. 1048. India. Bihar State. Received as P. miliare.

463512 TO 463845-continued
Seed.

463750. I. Pmr. 1051. India. Bihar State. Received as P. miliare. Seed.
463751. I. Pmr. 1055. India. Bihar State. Received as P. miliare. Seed.
463752. I. Pmr. 1057. India. Bihar State. Received as P. miliare. Seed.
463753. I. Pmr. 1058. India. Bihar State. Received as P. miliare. Seed.
463754. I. Pmr. 1060. India. Bihar State. Received as P. miliare. Seed.
463755. I. Pmr. 1061. India. Bihar State. Received as P. miliare. Seed.
463756. I. Pmr. 1063. India. Bihar State. Received as P. miliare. Seed.
463757. I. Pmr. 1064. India. Bihar State. Received as P. miliare. Seed.
463758. I. Pmr. 1066. India. Bihar State. Received as P. miliare. Seed.
463759. I. Pmr. 1074. India. Bihar State. Received as P. miliare. Seed.
463760. I. Pmr. 1075. India. Bihar State. Received as P. miliare. Seed.
463761. I. Pmr. 1081. India. Madhya Pradesh State. Received as P. miliare. Seed.
463762. I. Pmr. 1101. India. Madhya Pradesh State. Received as P. miliare. Seed.
463763. I. Pmr. 1103. India. Madhya Pradesh State. Received as P. miliare. Seed.
463764. I. Pmr. 1105. India. Madhya Pradesh State. Received as P. miliare. Seed.
463765. I. Pmr. 1113. India. Madhya Pradesh State. Received as P. miliare. Seed.
463766. I. Pmr. 1114. India. Madhya Pradesh State. Received as P. miliare. Seed.

463512 TO 463845-continued

463767. I. Pmr. 1118. India. Madhya Pradesh State. Received as P. miliare. Seed.
463768. I. Pmr. 1121. India. Madhya Pradesh State. Received as P. miliare. Seed.
463769. I. Pmr. 1137. India. Madhya Pradesh State. Received as P. miliare. Seed.
463770. I. Pmr. 1144. India. Madhya Pradesh State. Received as P. miliare. Seed.
463771. I. Pmr. 1148. India. Mysore State. Received as P. miliare. Seed.
463772. I. Pmr. 1149. India. Crissa State. Received as P. miliare. Seed.
463773. I. Pmr. 1150. India. Received as P. miliare. Seed.
463774. I. Pmr. 1152. India. Received as P. miliare. Seed.
463775. I. Pmr. 1154. India. Received as P. miliare. Seed.
463776. I. Pmr. 1156. India. Bihar State. Received as P. miliare. Seed.
463777. I. Pmr. 1157. India. Bihar State. Received as P. miliare. Seed.
463778. I. Pmr. 1158. India. Bihar State. Received as P. miliare. Seed.
463779. I. Pmr. 1159. India. Bihar State. Received as P. miliare. Seed.
463780. I. Pmr. 1160. India. Bihar State. Received as P. miliare. Seed.
463781. I. Pmr. 1161. India. Bihar State. Received as P. miliare. Seed.
463782. I. Pmr. 1162. India. Bihar State. Received as P. miliare. Seed.
463783. I. Pmr. 1163. India. Bihar State. Received as P. miliare. Seed.
463784. I. Pmr. 1164. India. Bihar State. Received as P. miliare. Seed.
463785. I. Pmr. 1165. India. Bihar State. Received as P. miliare.

463512 TO 463845-continued
Seed.

463786. I. Pmr. 1166. India. Bihar State. Received as P. miliare. Seed.
463787. I. Pmr. 1167. India. Bihar State. Received as P. miliare. Seed.
463788. I. Pmr. 1168. India. Bihar State. Received as P. miliare. Seed.
463789. I. Pmr. 1169. India. Bihar State. Received as P. miliare. Seed.
463790. I. Pmr. 1170. India. Gujarat State. Received as P. miliare. Seed.
463791. I. Pmr. 1171. India. Guyarat State. Received as P. miliare. Seed.
463792. I. Pmr. 1172. India. Gujarat State. Received as P. miliare. Seed.
463793. I. Pmr. 1173. India. Madhya Pradesh State. Received as P. miliare. Seed.
463794. I. Pmr. 1174. India. Madhya Pradesh State. Received as P. miliare. Seed.
463795. I. Pmr. 1175. India. Madhya Pradesh State. Received as P. miliare. Seed.
463796. I. Pmr. 1176. India. Madhya Pradesh State. Received as P. miliare. Seed.
463797. I. Pmr. 1177. India. Madhya Pradesh State. Received as P. miliare. Seed.
463798. I. Pmr. 1178. India. Madhya Pradesh State. Received as P. miliare. Seed.
463799. I. Pmr. 1179. India. Madhya Pradesh State. Received as P. miliare. Seed.
463800. I. Pmr. 1181. India. Madhya Pradesh State. Received as P. miliare. Seed.
463801. I. Pmr. 1182. India. Madhya Pradesh State. Received as P. miliare. Seed.
463802. I. Pmr. 1183. India. Madhya Pradesh State. Received as P. miliare. Seed.

463512 TO 463845-continued

463803. I. Pmr. 1187. India. Madhya Pradesh State. Received as P. miliare. Seed.
463804. I. Pmr. 1188. India. Madhya Pradesh State. Received as P. miliare. Seed.
463805. I. Pmr. 1189. India. Received as P. miliare. Seed.
463806. I. Pmr. 1190. India. Madhya Pradesh State. Received as P. miliare. Seed.
463807. I. Pmr. 1191. India. Madhya Pradesh State. Received as P. miliare. Seed.
463808. I. Pmr. 1192. India. Madhya Pradesh State. Received as P. miliare. Seed.
463809. I. Pmr. 1193. India. Madhya Pradesh State. Received as P. miliare. Seed.
463810. I. Pmr. 1194. India. Madhya Pradesh State. Received as P. miliare. Seed.
463811. I. Pmr. 1195. India. Madhya Pradesh State. Received as P. miliare. Seed.
463812. I. Pmr. 1196. India. Madhya Pradesh State. Received as P. miliare. Seed.
463813. I. Pmr. 1197. India. Madhya Pradesh State. Received as P. miliare. Seed.
463814. I. Pmr. 1198. India. Madhya Pradesh State. Received as P. miliare. Seed.
463815. I. Pmr. 1199. India. Madhya Pradesh State. Received as P. miliare. Seed.
463816. I. Pmr. 1200. India. Madhya Pradesh State. Received as P. miliare. Seed.
463817. I. Pmr. 1201. India. Madhya Pradesh State. Received as P. miliare. Seed.
463818. I. Pmr. 1203. India. Madhya Pradesh State. Received as P. miliare. Seed.
463819. I. Pmr. 1204. India. Madhya Pradesh State. Received as P. miliare. Seed.
463820. I. Pmr. 1205. India. Madhya Pradesh State. Received as P. miliare. Seed.

463512 TO 463845-continued

463821. I. Pmr. 1206. India. Madhya Pradesh State. Received as P. miliare. Seed.
463822. I. Pmr. 1207. India. Madhya Pradesh State. Received as P. miliare. Seed.
463823. I. Pmr. 1208. India. Madhya Pradesh State. Received as P. miliare. Seed.
463824. I. Pmr. 1209. India. Madhya Pradesh State. Received as P. miliare. Seed.
463825. I. Pmr. 1210. India. Madhya Pradesh State. Received as P. miliare. Seed.
463826. I. Pmr. 1211. India. Madhya Pradesh State. Received as P. miliare. Seed.
463827. I. Pmr. 1212. India. Madhya Pradesh State. Received as P. miliare. Seed.
463828. I. Pmr. 1213. India. Madhya Pradesh State. Received as P. miliare. Seed.
463829. I. Pmr. 1214. India. Madhya Pradesh State. Received as P. miliare. Seed.
463830. I. Pmr. 1215. India. Madhya Pradesh State. Received as P. miliare. Seed.
463831. I. Pmr. 1216. India. Madhya Pradesh State. Received as P. miliare. Seed.
463832. I. Pmr. 1217. India. Madhya Pradesh State. Received as P. miliare. Seed.
463833. I. Pmr. 1229. India. Madhya Pradesh State. Received as P. miliare. Seed.
463834. I. Pmr. 1230. India. Madhya Pradesh State. Received as P. miliare. Seed.
463835. I. Pmr. 1231. India. Madhya Pradesh State. Received as P. miliare. Seed.
463836. I. Pmr. 1232. India. Orissa State. Received as P. miliare. Seed.
463837. I. Pmr. 1233. India. Orissa State. Received as P. miliare. Seed.
463838. I. Pmr. 1234. India. Orissa State. Received as P.

463512 TO 463845-continued
miliare. Seed.

463839. I. Pmr. 1235. India. Orissa State. Received as P.
miliare. Seed.

463840. I. Pmr. 1236. India. Orissa State. Received as P.
miliare. Seed.

463841. I. Pmr. 1237. India. Received as P. miliare. Seed.

463842. I. Pmr. 1238. India. Bihar State. Received as P. miliare.
Seed.

463843. I. Pmr. 1521. India. Received as P. miliare. Seed.

463844. I. Pmr. 1522. India. Received as P. miliare. Seed.

463845. I. Pmr. 1523. India. Received as P. miliare. Seed.

463846 TO 464156. *Paspalum scrobiculatum* L. (Poaceae) Kodo.

From India. Indian Agriculture Research Institute, Rockefeller
Foundation, New Delhi.
Received March 1981.

463846. I. Ps. 1. India. Andhra Pradesh State. Seed.

463847. I. Ps. 2. India. Andhra Pradesh State. Seed.

463848. I. Ps. 5. India. Andhra Pradesh State. Seed.

463849. I. Ps. 8. India. Andhra Pradesh State. Seed.

463850. I. Ps. 11. India. West Bengal State. Seed.

463851. I. Ps. 16. India. West Bengal State. Seed.

463852. I. Ps. 17. India. West Bengal State. Seed.

463853. I. Ps. 18. India. West Bengal State. Seed.

463854. I. Ps. 19. India. West Bengal State. Seed.

463855. I. Ps. 20. India. West Bengal State. Seed.

463856. I. Ps. 21. India. West Bengal State. Seed.

463857. I. Ps. 22. India. West Bengal State. Seed.

463858. I. Ps. 23. India. West Bengal State. Seed.

463859. I. Ps. 24. India. West Bengal State. Seed.

463846 TO 464156-continued

463860. I. Ps. 25. India. West Bengal State. Seed.
463861. I. Ps. 26. India. West Bengal State. Seed.
463862. I. Ps. 27. India. West Bengal State. Seed.
463863. I. Ps. 28. India. West Bengal State. Seed.
463864. I. Ps. 31. India. West Bengal State. Seed.
463865. I. Ps. 33. India. West Bengal State. Seed.
463866. I. Ps. 41. India. Bihar State. Seed.
463867. I. Ps. 42. India. Bihar State. Seed.
463868. I. Ps. 43. India. Bihar State. Seed.
463869. I. Ps. 44. India. Bihar State. Seed.
463870. I. Ps. 45. India. Bihar State. Seed.
463871. I. Ps. 47. India. Bihar State. Seed.
463872. I. Ps. 48. India. Bihar State. Seed.
463873. I. Ps. 49. India. Bihar State. Seed.
463874. I. Ps. 58. India. Bihar State. Seed.
463875. I. Ps. 59. India. Bihar State. Seed.
463876. I. Ps. 60. India. Bihar State. Seed.
463877. I. Ps. 61. India. Bihar State. Seed.
463878. I. Ps. 62. India. Bihar State. Seed.
463879. I. Ps. 63. India. Bihar State. Seed.
463880. I. Ps. 64. India. Bihar State. Seed.
463881. I. Ps. 65. India. Bihar State. Seed.
463882. I. Ps. 66. India. Bihar State. Seed.
463883. I. Ps. 70. India. Bihar State. Seed.
463884. I. Ps. 72. India. Bihar State. Seed.
463885. I. Ps. 73. India. Bihar State. Seed.

463846 TO 464156-continued

463886. I. Ps. 75. India. Bihar State. Seed.
463887. I. Ps. 76. India. Bihar State. Seed.
463888. I. Ps. 77. India. Bihar State. Seed.
463889. I. Ps. 78. India. Bihar State. Seed.
463890. I. Ps. 79. India. Bihar State. Seed.
463891. I. Ps. 80. India. Bihar State. Seed.
463892. I. Ps. 82. India. Bihar State. Seed.
463893. I. Ps. 83. India. Bihar State. Seed.
463894. I. Ps. 84. India. Bihar State. Seed.
463895. I. Ps. 85. India. Bihar State. Seed.
463896. I. Ps. 86. India. Bihar State. Seed.
463897. I. Ps. 87. India. Bihar State. Seed.
463898. I. Ps. 88. India. Bihar State. Seed.
463899. I. Ps. 91. India. Bihar State. Seed.
463900. I. Ps. 93. India. Bihar State. Seed.
463901. I. Ps. 95. India. Bihar State. Seed.
463902. I. Ps. 96. India. Bihar State. Seed.
463903. I. Ps. 98. India. Bihar State. Seed.
463904. I. Ps. 99. India. Bihar State. Seed.
463905. I. Ps. 100. India. Bihar State. Seed.
463906. I. Ps. 101. India. Bihar State. Seed.
463907. I. Ps. 102. India. Bihar State. Seed.
463908. I. Ps. 103. India. Bihar State. Seed.
463909. I. Ps. 104. India. Bihar State. Seed.
463910. I. Ps. 105. India. Bihar State. Seed.
463911. I. Ps. 106. India. Bihar State. Seed.

463846 TO 464156-continued

463912. I. Ps. 107. India. Bihar State. Seed.
463913. I. Ps. 108. India. Bihar State. Seed.
463914. I. Ps. 109. India. Bihar State. Seed.
463915. I. Ps. 110. India. Bihar State. Seed.
463916. I. Ps. 111. India. Bihar State. Seed.
463917. I. Ps. 112. India. Bihar State. Seed.
463918. I. Ps. 115. India. Gujarat State. Seed.
463919. I. Ps. 116. India. Gujarat State. Seed.
463920. I. Ps. 117. India. Gujarat State. Seed.
463921. I. Ps. 118. India. Gujarat State. Seed.
463922. I. Ps. 120. India. Gujarat State. Seed.
463923. I. Ps. 122. India. Gujarat State. Seed.
463924. I. Ps. 123. India. Gujarat State. Seed.
463925. I. Ps. 125. India. Gujarat State. Seed.
463926. I. Ps. 126. India. Gujarat State. Seed.
463927. I. Ps. 127. India. Gujarat State. Seed.
463928. I. Ps. 128. India. Gujarat State. Seed.
463929. I. Ps. 129. India. Gujarat State. Seed.
463930. I. Ps. 131. India. Gujarat State. Seed.
463931. I. Ps. 133. India. Gujarat State. Seed.
463932. I. Ps. 136. Seed.
463933. I. Ps. 137. Seed.
463934. I. Ps. 138. Seed.
463935. I. Ps. 139. Seed.
463936. I. Ps. 141. Seed.
463937. I. Ps. 144. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

463938. I. Ps. 145. India. Madhya Pradesh State. Seed.
463939. I. Ps. 146. India. Madhya Pradesh State. Seed.
463940. I. Ps. 147. India. Madhya Pradesh State. Seed.
463941. I. Ps. 149. India. Madhya Pradesh State. Seed.
463942. I. Ps. 150. India. Madhya Pradesh State. Seed.
463943. I. Ps. 151. India. Madhya Pradesh State. Seed.
463944. I. Ps. 152. India. Madhya Pradesh State. Seed.
463945. I. Ps. 153. India. Madhya Pradesh State. Seed.
463946. I. Ps. 155. India. Madhya Pradesh State. Seed.
463947. I. Ps. 156. India. Madhya Pradesh State. Seed.
463948. I. Ps. 157. India. Madhya Pradesh State. Seed.
463949. I. Ps. 158. India. Madhya Pradesh State. Seed.
463950. I. Ps. 161. India. Madhya Pradesh State. Seed.
463951. I. Ps. 162. India. Madhya Pradesh State. Seed.
463952. I. Ps. 163. India. Madhya Pradesh State. Seed.
463953. I. Ps. 164. India. Madhya Pradesh State. Seed.
463954. I. Ps. 169. India. Madhya Pradesh State. Seed.
463955. I. Ps. 177. India. Madhya Pradesh State. Seed.
463956. I. Ps. 178. India. Madhya Pradesh State. Seed.
463957. I. Ps. 180. India. Madhya Pradesh State. Seed.
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463959. I. Ps. 182. India. Madhya Pradesh State. Seed.
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463961. I. Ps. 186. India. Madhya Pradesh State. Seed.
463962. I. Ps. 187. India. Madhya Pradesh State. Seed.
463963. I. Ps. 190. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

463964. I. Ps. 192. India. Madhya Pradesh State. Seed.
463965. I. Ps. 193. India. Madhya Pradesh State. Seed.
463966. I. Ps. 194. India. Madhya Pradesh State. Seed.
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463988. I. Ps. 221. India. Madhya Pradesh State. Seed.
463989. I. Ps. 222. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

463990. I. Ps. 223. India. Madhya Pradesh State. Seed.
463991. I. Ps. 225. India. Madhya Pradesh State. Seed.
463992. I. Ps. 226. India. Madhya Pradesh State. Seed.
463993. I. Ps. 228. India. Madhya Pradesh State. Seed.
463994. I. Ps. 229. India. Madhya Pradesh State. Seed.
463995. I. Ps. 230. India. Madhya Pradesh State. Seed.
463996. I. Ps. 232. India. Madhya Pradesh State. Seed.
463997. I. Ps. 234. India. Madhya Pradesh State. Seed.
463998. I. Ps. 235. India. Madhya Pradesh State. Seed.
463999. I. Ps. 236. India. Madhya Pradesh State. Seed.
464000. I. Ps. 238. India. Madhya Pradesh State. Seed.
464001. I. Ps. 239. India. Madhya Pradesh State. Seed.
464002. I. Ps. 240. India. Madhya Pradesh State. Seed.
464003. I. Ps. 241. India. Madhya Pradesh State. Seed.
464004. I. Ps. 242. India. Madhya Pradesh State. Seed.
464005. I. Ps. 243. India. Madhya Pradesh State. Seed.
464006. I. Ps. 245. India. Madhya Pradesh State. Seed.
464007. I. Ps. 250. India. Madhya Pradesh State. Seed.
464008. I. Ps. 251. India. Madhya Pradesh State. Seed.
464009. I. Ps. 252. India. Madhya Pradesh State. Seed.
464010. I. Ps. 253. India. Madhya Pradesh State. Seed.
464011. I. Ps. 254. India. Madhya Pradesh State. Seed.
464012. I. Ps. 255. India. Madhya Pradesh State. Seed.
464013. I. Ps. 256. India. Madhya Pradesh State. Seed.
464014. I. Ps. 257. India. Madhya Pradesh State. Seed.
464015. I. Ps. 258. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

464016. I. Ps. 267. India. Madhya Pradesh State. Seed.
464017. I. Ps. 268. India. Madhya Pradesh State. Seed.
464018. I. Ps. 269. India. Madhya Pradesh State. Seed.
464019. I. Ps. 270. India. Madhya Pradesh State. Seed.
464020. I. Ps. 271. India. Madhya Pradesh State. Seed.
464021. I. Ps. 273. India. Madras State. Seed.
464022. I. Ps. 277. India. Madras State. Seed.
464023. I. Ps. 280. India. Madras State. Seed.
464024. I. Ps. 282. India. Madras State. Seed.
464025. I. Ps. 283. India. Madras State. Seed.
464026. I. Ps. 286. India. Madras State. Seed.
464027. I. Ps. 287. India. Madras State. Seed.
464028. I. Ps. 288. India. Madras State. Seed.
464029. I. Ps. 290. India. Madras State. Seed.
464030. I. Ps. 293. India. Madras State. Seed.
464031. I. Ps. 294. India. Madras State. Seed.
464032. I. Ps. 306. India. Mysore State. Seed.
464033. I. Ps. 310. India. Mysore State. Seed.
464034. I. Ps. 312. India. Mysore State. Seed.
464035. I. Ps. 313. India. Mysore State. Seed.
464036. I. Ps. 314. India. Mysore State. Seed.
464037. I. Ps. 316. India. Orissa State. Seed.
464038. I. Ps. 318. India. Orissa State. Seed.
464039. I. Ps. 319. India. Orissa State. Seed.
464040. I. Ps. 320. India. Orissa State. Seed.
464041. I. Ps. 321. India. Orissa State. Seed.

463846 TO 464156-continued

464042. I. Ps. 325. India. Orissa State. Seed.
464043. I. Ps. 326. India. Orissa State. Seed.
464044. I. Ps. 328. India. Orissa State. Seed.
464045. I. Ps. 329. India. Orissa State. Seed.
464046. I. Ps. 336. Seed.
464047. I. Ps. 337. Seed.
464048. I. Ps. 339. Seed.
464049. I. Ps. 340. India. Uttar Pradesh State. Seed.
464050. I. Ps. 342. India. Uttar Pradesh State. Seed.
464051. I. Ps. 344. India. Uttar Pradesh State. Seed.
464052. I. Ps. 345. India. Uttar Pradesh State. Seed.
464053. I. Ps. 346. India. Uttar Pradesh State. Seed.
464054. I. Ps. 349. India. Uttar Pradesh State. Seed.
464055. I. Ps. 351. India. Uttar Pradesh State. Seed.
464056. I. Ps. 352. India. Uttar Pradesh State. Seed.
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464066. I. Ps. 364. India. Uttar Pradesh State. Seed.
464067. I. Ps. 365. India. Uttar Pradesh State. Seed.

463846 TO 464156-continued

- 464068. I. Ps. 366. India. Uttar Pradesh State. Seed.
- 464069. I. Ps. 367. India. Uttar Pradesh State. Seed.
- 464070. I. Ps. 368. India. Uttar Pradesh State. Seed.
- 464071. I. Ps. 369. India. Uttar Pradesh State. Seed.
- 464072. I. Ps. 370. India. Uttar Pradesh State. Seed.
- 464073. I. Ps. 371. India. Uttar Pradesh State. Seed.
- 464074. I. Ps. 372. India. Uttar Pradesh State. Seed.
- 464075. I. Ps. 375. India. Uttar Pradesh State. Seed.
- 464076. I. Ps. 376. India. Uttar Pradesh State. Seed.
- 464077. I. Ps. 377. India. Uttar Pradesh State. Seed.
- 464078. I. Ps. 378. India. Uttar Pradesh State. Seed.
- 464079. I. Ps. 379. India. Uttar Pradesh State. Seed.
- 464080. I. Ps. 380. India. Uttar Pradesh State. Seed.
- 464081. I. Ps. 381. India. Uttar Pradesh State. Seed.
- 464082. I. Ps. 382. India. Uttar Pradesh State. Seed.
- 464083. I. Ps. 383. India. Uttar Pradesh State. Seed.
- 464084. I. Ps. 384. India. Uttar Pradesh State. Seed.
- 464085. I. Ps. 385. India. Uttar Pradesh State. Seed.
- 464086. I. Ps. 386. India. Uttar Pradesh State. Seed.
- 464087. I. Ps. 387. India. Uttar Pradesh State. Seed.
- 464088. I. Ps. 388. India. Uttar Pradesh State. Seed.
- 464089. I. Ps. 389. India. Uttar Pradesh State. Seed.
- 464090. I. Ps. 390. India. Uttar Pradesh State. Seed.
- 464091. I. Ps. 391. India. Bihar State. Seed.
- 464092. I. Ps. 392. India. Madhya Pradesh State. Seed.
- 464093. I. Ps. 393. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

464094. I. Ps. 394. India. Madhya Pradesh State. Seed.
464095. I. Ps. 398. India. Madhya Pradesh State. Seed.
464096. I. Ps. 400. India. Madhya Pradesh State. Seed.
464097. I. Ps. 401. India. Madhya Pradesh State. Seed.
464098. I. Ps. 402. India. Madhya Pradesh State. Seed.
464099. I. Ps. 403. India. Madhya Pradesh State. Seed.
464100. I. Ps. 404. India. Madhya Pradesh State. Seed.
464101. I. Ps. 406. India. Madhya Pradesh State. Seed.
464102. I. Ps. 407. India. Madhya Pradesh State. Seed.
464103. I. Ps. 408. India. Madhya Pradesh State. Seed.
464104. I. Ps. 409. India. Madhya Pradesh State. Seed.
464105. I. Ps. 410. India. Madhya Pradesh State. Seed.
464106. I. Ps. 412. India. Madhya Pradesh State. Seed.
464107. I. Ps. 413. India. Madhya Pradesh State. Seed.
464108. I. Ps. 414. India. Madhya Pradesh State. Seed.
464109. I. Ps. 415. India. Madhya Pradesh State. Seed.
464110. I. Ps. 416. India. Madhya Pradesh State. Seed.
464111. I. Ps. 417. India. Madhya Pradesh State. Seed.
464112. I. Ps. 418. India. Madhya Pradesh State. Seed.
464113. I. Ps. 419. India. Madhya Pradesh State. Seed.
464114. I. Ps. 420. India. Madhya Pradesh State. Seed.
464115. I. Ps. 421. India. Madhya Pradesh State. Seed.
464116. I. Ps. 422. India. Madhya Pradesh State. Seed.
464117. I. Ps. 423. India. Madhya Pradesh State. Seed.
464118. I. Ps. 424. India. Madhya Pradesh State. Seed.
464119. I. Ps. 425. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

464120. I. Ps. 426. India. Madhya Pradesh State. Seed.
464121. I. Ps. 427. India. Madhya Pradesh State. Seed.
464122. I. Ps. 428. India. Madhya Pradesh State. Seed.
464123. I. Ps. 429. India. Madhya Pradesh State. Seed.
464124. I. Ps. 431. India. Madhya Pradesh State. Seed.
464125. I. Ps. 433. India. Madhya Pradesh State. Seed.
464126. I. Ps. 434. India. Madhya Pradesh State. Seed.
464127. I. Ps. 436. India. Madhya Pradesh State. Seed.
464128. I. Ps. 437. India. Madhya Pradesh State. Seed.
464129. I. Ps. 439. India. Madhya Pradesh State. Seed.
464130. I. Ps. 440. India. Madhya Pradesh State. Seed.
464131. I. Ps. 441. India. Madhya Pradesh State. Seed.
464132. I. Ps. 442. India. Madhya Pradesh State. Seed.
464133. I. Ps. 443. India. Madhya Pradesh State. Seed.
464134. I. Ps. 444. India. Madhya Pradesh State. Seed.
464135. I. Ps. 446. India. Madhya Pradesh State. Seed.
464136. I. Ps. 448. India. Madhya Pradesh State. Seed.
464137. I. Ps. 449. India. Madhya Pradesh State. Seed.
464138. I. Ps. 453. India. Madhya Pradesh State. Seed.
464139. I. Ps. 454. India. Madhya Pradesh State. Seed.
464140. I. Ps. 455. India. Madhya Pradesh State. Seed.
464141. I. Ps. 456. India. Madhya Pradesh State. Seed.
464142. I. Ps. 458. India. Madhya Pradesh State. Seed.
464143. I. Ps. 459. India. Madhya Pradesh State. Seed.
464144. I. Ps. 460. India. Madhya Pradesh State. Seed.
464145. I. Ps. 461. India. Madhya Pradesh State. Seed.

463846 TO 464156-continued

- 464146. I. Ps. 560. India. Madras State. Seed.
- 464147. I. Ps. 561. India. Madras State. Seed.
- 464148. I. Ps. 564. India. West Bengal State. Seed.
- 464149. I. Ps. 565. India. West Bengal State. Seed.
- 464150. I. Ps. 566. India. Madhya Pradesh State. Seed.
- 464151. I. Ps. 567. India. Madhya Pradesh State. Seed.
- 464152. I. Ps. 568. India. Madhya Pradesh State. Seed.
- 464153. I. Ps. 600. Seed.
- 464154. I. Ps. 605. Seed.
- 464155. I. Ps. 606. Seed.
- 464156. I. Ps. Nivias-1. Seed.

464157 TO 464582. *Setaria italica* (L.) Beauv. (Poaceae) Foxtail millet.

From India. Indian Agriculture Research Institute, Rockefeller Foundation, New Delhi.
Received March 1981.

- 464157. I. Se. 1. India. Andhra Pradesh State. Seed.
- 464158. I. Se. 2. India. Andhra Pradesh State. Seed.
- 464159. I. Se. 3. India. Andhra Pradesh State. Seed.
- 464160. I. Se. 4. India. Andhra Pradesh State. Seed.
- 464161. I. Se. 5. India. Andhra Pradesh State. Seed.
- 464162. I. Se. 6. India. Andhra Pradesh State. Seed.
- 464163. I. Se. 7. India. Andhra Pradesh State. Seed.
- 464164. I. Se. 8. India. Andhra Pradesh State. Seed.
- 464165. I. Se. 9. India. Andhra Pradesh State. Seed.
- 464166. I. Se. 10. India. Andhra Pradesh State. Seed.
- 464167. I. Se. 11. India. Andhra Pradesh State. Seed.
- 464168. I. Se. 12. India. Andhra Pradesh State. Seed.

464157 TO 464582-continued

- 464169. I. Se. 13. India. Andhra Pradesh State. Seed.
- 464170. I. Se. 14. India. Andhra Pradesh State. Seed.
- 464171. I. Se. 15. India. Andhra Pradesh State. Seed.
- 464172. I. Se. 16. India. Andhra Pradesh State. Seed.
- 464173. I. Se. 17. India. Andhra Pradesh State. Seed.
- 464174. I. Se. 18. India. Andhra Pradesh State. Seed.
- 464175. I. Se. 19. India. Andhra Pradesh State. Seed.
- 464176. I. Se. 20. India. Andhra Pradesh State. Seed.
- 464177. I. Se. 21. India. Andhra Pradesh State. Seed.
- 464178. I. Se. 22. India. Andhra Pradesh State. Seed.
- 464179. I. Se. 23. India. West Bengal State. Seed.
- 464180. I. Se. 24. India. West Bengal State. Seed.
- 464181. I. Se. 25. India. West Bengal State. Seed.
- 464182. I. Se. 26. India. West Bengal State. Seed.
- 464183. I. Se. 27. India. West Bengal State. Seed.
- 464184. I. Se. 28. India. West Bengal State. Seed.
- 464185. I. Se. 29-A. India. West Bengal State. Seed.
- 464186. I. Se. 29-B. India. West Bengal State. Seed.
- 464187. I. Se. 29-C. India. West Bengal State. Seed.
- 464188. I. Se. 30. India. West Bengal State. Seed.
- 464189. I. Se. 31. India. West Bengal State. Seed.
- 464190. I. Se. 32-A. India. West Bengal State. Seed.
- 464191. I. Se. 32-B. India. West Bengal State. Seed.
- 464192. I. Se. 33-A. India. West Bengal State. Seed.
- 464193. I. Se. 33-B. India. West Bengal State. Seed.
- 464194. I. Se. 34. India. West Bengal State. Seed.

464157 TO 464582-continued

- 464195. I. Se. 35-A. India. West Bengal State. Seed.
- 464196. I. Se. 35-B. India. West Bengal State. Seed.
- 464197. I. Se. 36. India. West Bengal State. Seed.
- 464198. I. Se. 37. India. West Bengal State. Seed.
- 464199. I. Se. 38. India. West Bengal State. Seed.
- 464200. I. Se. 39. India. West Bengal State. Seed.
- 464201. I. Se. 40. India. Bihar State. Seed.
- 464202. I. Se. 41. India. Bihar State. Seed.
- 464203. I. Se. 42. India. Bihar State. Seed.
- 464204. I. Se. 43. India. Bihar State. Seed.
- 464205. I. Se. 44. India. Bihar State. Seed.
- 464206. I. Se. 45. India. Bihar State. Seed.
- 464207. I. Se. 46. India. Bihar State. Seed.
- 464208. I. Se. 47. India. Bihar State. Seed.
- 464209. I. Se. 49. India. Bihar State. Seed.
- 464210. I. Se. 51. India. Bihar State. Seed.
- 464211. I. Se. 52. India. Bihar State. Seed.
- 464212. I. Se. 53. India. Bihar State. Seed.
- 464213. I. Se. 54. India. Bihar State. Seed.
- 464214. I. Se. 55. India. Bihar State. Seed.
- 464215. I. Se. 56. India. Bihar State. Seed.
- 464216. I. Se. 57. India. Bihar State. Seed.
- 464217. I. Se. 58. India. Bihar State. Seed.
- 464218. I. Se. 59. India. Bihar State. Seed.
- 464219. I. Se. 60-A. India. Bihar State. Seed.
- 464220. I. Se. 60-B. India. Bihar State. Seed.

464157 TO 464582-continued

- 464221. I. Se. 61. India. Bihar State. Seed.
- 464222. I. Se. 62. India. Bihar State. Seed.
- 464223. I. Se. 63. India. Bihar State. Seed.
- 464224. I. Se. 64. India. Bihar State. Seed.
- 464225. I. Se. 65. India. Bihar State. Seed.
- 464226. I. Se. 66. India. Bihar State. Seed.
- 464227. I. Se. 68. India. Bihar State. Seed.
- 464228. I. Se. 69. India. Bihar State. Seed.
- 464229. I. Se. 70. India. Bihar State. Seed.
- 464230. I. Se. 71. India. Bihar State. Seed.
- 464231. I. Se. 72-A. India. Bihar State. Seed.
- 464232. I. Se. 72-B. India. Bihar State. Seed.
- 464233. I. Se. 73. India. Bihar State. Seed.
- 464234. I. Se. 74-A. India. Bihar State. Seed.
- 464235. I. Se. 74-B. India. Bihar State. Seed.
- 464236. I. Se. 76. India. Bihar State. Seed.
- 464237. I. Se. 77. India. Bihar State. Seed.
- 464238. I. Se. 78. India. Bihar State. Seed.
- 464239. I. Se. 79. India. Bihar State. Seed.
- 464240. I. Se. 80. India. Bihar State. Seed.
- 464241. I. Se. 83. India. Bihar State. Seed.
- 464242. I. Se. 84. India. Bihar State. Seed.
- 464243. I. Se. 86. India. Bihar State. Seed.
- 464244. I. Se. 87. India. Bihar State. Seed.
- 464245. I. Se. 88. India. Bihar State. Seed.
- 464246. I. Se. 89. India. Bihar State. Seed.

464157 TO 464582-continued

- 464247. I. Se. 92. India. Bihar State. Seed.
- 464248. I. Se. 93. India. Bihar State. Seed.
- 464249. I. Se. 94. India. Bihar State. Seed.
- 464250. I. Se. 95. India. Bihar State. Seed.
- 464251. I. Se. 96. India. Gujarat State. Seed.
- 464252. I. Se. 97. India. Gujarat State. Seed.
- 464253. I. Se. 98. India. Gujarat State. Seed.
- 464254. I. Se. 99-A. India. Gujarat State. Seed.
- 464255. I. Se. 99-B. India. Gujarat State. Seed.
- 464256. I. Se. 99-C. India. Gujarat State. Seed.
- 464257. I. Se. 100. India. Gujarat State. Seed.
- 464258. I. Se. 101-A. India. Himachal Pradesh State. Seed.
- 464259. I. Se. 101-B. India. Himachal Pradesh State. Seed.
- 464260. I. Se. 102. India. Himachal Pradesh state. Seed.
- 464261. I. Se. 103. India. Himachal Pradesh State. Seed.
- 464262. I. Se. 104. India. Himachal Pradesh State. Seed.
- 464263. I. Se. 105. India. Himachal Pradesh State. Seed.
- 464264. I. Se. 106. India. Himachal Pradesh State. Seed.
- 464265. I. Se. 107. India. Himachal Pradesh State. Seed.
- 464266. I. Se. 108. India. Himachal Pradesh State. Seed.
- 464267. I. Se. 109. India. Himachal Pradesh State. Seed.
- 464268. I. Se. 110. India. Jammu and Kashmir State. Seed.
- 464269. I. Se. 114. India. Jammu and Kashmir State. Seed.
- 464270. I. Se. 118. India. Jammu and Kashmir State. Seed.
- 464271. I. Se. 119. India. Jammu and Kashmir State. Seed.
- 464272. I. Se. 125. India. Jammu and Kashmir State. Seed.

464157 TO 464582-continued

464273. I. Se. 127. India. Jammu and Kashmir State. Seed.
464274. I. Se. 128. India. Jammu and Kashmir State. Seed.
464275. I. Se. 130. India. Jammu and Kashmir State. Seed.
464276. I. Se. 131. India. Jammu and Kashmir State. Seed.
464277. I. Se. 132. India. Jammu and Kashmir State. Seed.
464278. I. Se. 133. India. Jammu and Kashmir State. Seed.
464279. I. Se. 134. India. Jammu and Kashmir State. Seed.
464280. I. Se. 135. India. Jammu and Kashmir State. Seed.
464281. I. Se. 136. India. Jammu and Kashmir State. Seed.
464282. I. Se. 137-A. India. Jammu and Kashmir State. Seed.
464283. I. Se. 137-B. India. Jammu and Kashmir State. Seed.
464284. I. Se. 138. India. Kerala State. Seed.
464285. I. Se. 139. India. Kerala State. Seed.
464286. I. Se. 140. India. Kerala State. Seed.
464287. I. Se. 141. India. Kerala State. Seed.
464288. I. Se. 142-A. India. Seed.
464289. I. Se. 142-B. India. Seed.
464290. I. Se. 143. India. Seed.
464291. I. Se. 144. India. Seed.
464292. I. Se. 145. India. Seed.
464293. I. Se. 146. India. Seed.
464294. I. Se. 147. India. Madhya Pradesh State. Seed.
464295. I. Se. 148. India. Madhya Pradesh State. Seed.
464296. I. Se. 150. India. Madhya Pradesh State. Seed.
464297. I. Se. 152. India. Madhya Pradesh State. Seed.
464298. I. Se. 153. India. Madhya Pradesh State. Seed.

464157 TO 464582-continued

- 464299. I. Se. 154. India. Madhya Pradesh State. Seed.
- 464300. I. Se. 155. India. Madhya Pradesh State. Seed.
- 464301. I. Se. 156. India. Madhya Pradesh State. Seed.
- 464302. I. Se. 158. India. Madhya Pradesh State. Seed.
- 464303. I. Se. 159-A. India. Madhya Pradesh State. Seed.
- 464304. I. Se. 159-B. India. Madhya Pradesh State. Seed.
- 464305. I. Se. 160. India. Madhya Pradesh State. Seed.
- 464306. I. Se. 161-A. India. Madhya Pradesh State. Seed.
- 464307. I. Se. 161-B. India. Madhya Pradesh State. Seed.
- 464308. I. Se. 162. India. Madhya Pradesh State. Seed.
- 464309. I. Se. 163. India. Madhya Pradesh State. Seed.
- 464310. I. Se. 164. India. Madhya Pradesh State. Seed.
- 464311. I. Se. 165. India. Madhya Pradesh State. Seed.
- 464312. I. Se. 166. India. Madhya Pradesh State. Seed.
- 464313. I. Se. 168. India. Madhya Pradesh State. Seed.
- 464314. I. Se. 169. India. Madhya Pradesh State. Seed.
- 464315. I. Se. 170. India. Madhya Pradesh State. Seed.
- 464316. I. Se. 171-A. India. Madhya Pradesh State. Seed.
- 464317. I. Se. 171-B. India. Madhya Pradesh State. Seed.
- 464318. I. Se. 172. India. Madhya Pradesh State. Seed.
- 464319. I. Se. 173. India. Madras State. Seed.
- 464320. I. Se. 174. India. Madras State. Seed.
- 464321. I. Se. 175. India. Madras State. Seed.
- 464322. I. Se. 176. India. Madras State. Seed.
- 464323. I. Se. 177. India. Madras State. Seed.
- 464324. I. Se. 178. India. Madras State. Seed.

464157 TO 464582-continued

- 464325. I. Se. 179. India. Madras State. Seed.
- 464326. I. Se. 180. India. Madras State. Seed.
- 464327. I. Se. 181. India. Madras State. Seed.
- 464328. I. Se. 182. India. Madras State. Seed.
- 464329. I. Se. 183. India. Madras State. Seed.
- 464330. I. Se. 184. India. Madras State. Seed.
- 464331. I. Se. 185. India. Madras State. Seed.
- 464332. I. Se. 186-B. India. Madras State. Seed.
- 464333. I. Se. 187. India. Madras State. Seed.
- 464334. I. Se. 188. India. Madras State. Seed.
- 464335. I. Se. 189. India. Madras State. Seed.
- 464336. I. Se. 190. India. Madras State. Seed.
- 464337. I. Se. 191. India. Madras State. Seed.
- 464338. I. Se. 192. India. Madras State. Seed.
- 464339. I. Se. 193. India. Madras State. Seed.
- 464340. I. Se. 194. India. Madras State. Seed.
- 464341. I. Se. 195. India. Madras State. Seed.
- 464342. I. Se. 196. India. Madras State. Seed.
- 464343. I. Se. 197. India. Madras State. Seed.
- 464344. I. Se. 198-A. India. Madras State. Seed.
- 464345. I. Se. 198-B. India. Madras State. Seed.
- 464346. I. Se. 199-A. India. Madras State. Seed.
- 464347. I. Se. 199-B. India. Madras State. Seed.
- 464348. I. Se. 200. India. Madras State. Seed.
- 464349. I. Se. 201. India. Madras State. Seed.
- 464350. I. Se. 202. India. Madras State. Seed.

464157 TO 464582-continued

- 464351. I. Se. 203. India. Madras State. Seed.
- 464352. I. Se. 204. India. Madras State. Seed.
- 464353. I. Se. 205. India. Madras State. Seed.
- 464354. I. Se. 206. India. Madras State. Seed.
- 464355. I. Se. 207. India. Madras State. Seed.
- 464356. I. Se. 208. India. Madras State. Seed.
- 464357. I. Se. 209. India. Madras State. Seed.
- 464358. I. Se. 210-A. India. Maharashtra State. Seed.
- 464359. I. Se. 210-B. India. Maharashtra State. Seed.
- 464360. I. Se. 211-A. India. Maharashtra State. Seed.
- 464361. I. Se. 211-B. India. Maharashtra State. Seed.
- 464362. I. Se. 212-A. India. Maharashtra State. Seed.
- 464363. I. Se. 212-B. India. Maharashtra State. Seed.
- 464364. I. Se. 212-C. India. Maharashtra State. Seed.
- 464365. I. Se. 214-A. India. Maharashtra State. Seed.
- 464366. I. Se. 214-B. India. Maharashtra State. Seed.
- 464367. I. Se. 215-A. India. Maharashtra State. Seed.
- 464368. I. Se. 215-B. India. Maharashtra State. Seed.
- 464369. I. Se. 217. India. Maharashtra State. Seed.
- 464370. I. Se. 218. India. Maharashtra State. Seed.
- 464371. I. Se. 219-A. India. Maharashtra State. Seed.
- 464372. I. Se. 219-B. India. Maharashtra State. Seed.
- 464373. I. Se. 220-A. India. Maharashtra State. Seed.
- 464374. I. Se. 220-B. India. Maharashtra State. Seed.
- 464375. I. Se. 221. India. Maharashtra State. Seed.
- 464376. I. Se. 222-A. India. Maharashtra State. Seed.

464157 TO 464582-continued

- 464377. I. Se. 223-A. India. Maharashtra State. Seed.
- 464378. I. Se. 223-B. India. Maharashtra State. Seed.
- 464379. I. Se. 224. India. Maharashtra State. Seed.
- 464380. I. Se. 225. India. Maharashtra State. Seed.
- 464381. I. Se. 226. India. Maharashtra State. Seed.
- 464382. I. Se. 231. India. Maharashtra State. Seed.
- 464383. I. Se. 233-A. India. Mysore State. Seed.
- 464384. I. Se. 234. India. Mysore State. Seed.
- 464385. I. Se. 235. India. Mysore State. Seed.
- 464386. I. Se. 236. India. Mysore State. Seed.
- 464387. I. Se. 237. India. Mysore State. Seed.
- 464388. I. Se. 238. India. Mysore state. Seed.
- 464389. I. Se. 239. India. Mysore State. Seed.
- 464390. I. Se. 241. India. Mysore State. Seed.
- 464391. I. Se. 243. India. Mysore State. Seed.
- 464392. I. Se. 244-A. India. Mysore State. Seed.
- 464393. I. Se. 244-B. India. Mysore State. Seed.
- 464394. I. Se. 245. India. Mysore State. Seed.
- 464395. I. Se. 246-A. India. Mysore State. Seed.
- 464396. I. Se. 247. India. Mysore state. Seed.
- 464397. I. Se. 248. India. Mysore State. Seed.
- 464398. I. Se. 249-A. India. Mysore State. Seed.
- 464399. I. Se. 249-B. India. Mysore State. Seed.
- 464400. I. Se. 250. India. Mysore State. Seed.
- 464401. I. Se. 251. India. Mysore State. Seed.
- 464402. I. Se. 252. India. Mysore State. Seed.

464157 TO 464582-continued

- 464403. I. Se. 253. India. Mysore State. Seed.
- 464404. I. Se. 254. India. Mysore State. Seed.
- 464405. I. Se. 255. India. Mysore State. Seed.
- 464406. I. Se. 256. India. Mysore State. Seed.
- 464407. I. Se. 257. India. Mysore State. Seed.
- 464408. I. Se. 258. India. Mysore state. Seed.
- 464409. I. Se. 259. India. Mysore State. Seed.
- 464410. I. Se. 260. India. Mysore State. Seed.
- 464411. I. Se. 261. India. Mysore State. Seed.
- 464412. I. Se. 262. India. Mysore State. Seed.
- 464413. I. Se. 263. India. Mysore State. Seed.
- 464414. I. Se. 264. India. Mysore State. Seed.
- 464415. I. Se. 265. India. Mysore State. Seed.
- 464416. I. Se. 266. India. Mysore State. Seed.
- 464417. I. Se. 267. India. Mysore State. Seed.
- 464418. I. Se. 268. India. Mysore State. Seed.
- 464419. I. Se. 269. India. Mysore State. Seed.
- 464420. I. Se. 270. India. Mysore State. Seed.
- 464421. I. Se. 271. India. Mysore State. Seed.
- 464422. I. Se. 272. India. Mysore State. Seed.
- 464423. I. Se. 273. India. Mysore State. Seed.
- 464424. I. Se. 274. India. Mysore State. Seed.
- 464425. I. Se. 275-A. India. Mysore State. Seed.
- 464426. I. Se. 276. India. Mysore State. Seed.
- 464427. I. Se. 277-A. India. Mysore State. Seed.
- 464428. I. Se. 277-B. India. Mysore State. Seed.

464157 TO 464582-continued

- 464429. I. Se. 278-A. India. Mysore State. Seed.
- 464430. I. Se. 278-B. India. Mysore State. Seed.
- 464431. I. Se. 279. India. Mysore State. Seed.
- 464432. I. Se. 280. India. Mysore State. Seed.
- 464433. I. Se. 281. India. Mysore State. Seed.
- 464434. I. Se. 282. India. Mysore State. Seed.
- 464435. I. Se. 283. India. Mysore State. Seed.
- 464436. I. Se. 284. India. Mysore State. Seed.
- 464437. I. Se. 286. India. Mysore State. Seed.
- 464438. I. Se. 287-A. India. Mysore State. Seed.
- 464439. I. Se. 288-A. India. Mysore State. Seed.
- 464440. I. Se. 288-B. India. Mysore State. Seed.
- 464441. I. Se. 289. India. Mysore State. Seed.
- 464442. I. Se. 290. India. Mysore State. Seed.
- 464443. I. Se. 291. India. Mysore State. Seed.
- 464444. I. Se. 292. India. Orissa State. Seed.
- 464445. I. Se. 293. India. Orissa State. Seed.
- 464446. I. Se. 294-A. India. Orissa State. Seed.
- 464447. I. Se. 294-B. India. Orissa State. Seed.
- 464448. I. Se. 295. India. Orissa State. Seed.
- 464449. I. Se. 296. India. Orissa State. Seed.
- 464450. I. Se. 298. India. Himachal Pradesh State. Seed.
- 464451. I. Se. 299-A. India. Himachal Pradesh State. Seed.
- 464452. I. Se. 300-A. India. Punjab State. Seed.
- 464453. I. Se. 300-B. India. Punjab State. Seed.
- 464454. I. Se. 301. India. Punjab State. Seed.

464157 TO 464582-continued

- 464455. I. Se. 302. India. Punjab State. Seed.
- 464456. I. Se. 303. India. Punjab State. Seed.
- 464457. I. Se. 304. India. Punjab State. Seed.
- 464458. I. Se. 305. India. Punjab State. Seed.
- 464459. I. Se. 306-A. India. Punjab State. Seed.
- 464460. I. Se. 306-B. India. Punjab State. Seed.
- 464461. I. Se. 307-A. India. Punjab State. Seed.
- 464462. I. Se. 307-B. India. Punjab State. Seed.
- 464463. I. Se. 308-A. India. Rajasthan State. Seed.
- 464464. I. Se. 308-B. India. Rajasthan State. Seed.
- 464465. I. Se. 309. India. Rajasthan State. Seed.
- 464466. I. Se. 310-A. India. Rajasthan State. Seed.
- 464467. I. Se. 310-B. India. Rajasthan State. Seed.
- 464468. I. Se. 311. India. Rajasthan State. Seed.
- 464469. I. Se. 312. India. Uttar Pradesh State. Seed.
- 464470. I. Se. 315-A. India. Uttar Pradesh State. Seed.
- 464471. I. Se. 315-B. India. Uttar Pradesh State. Seed.
- 464472. I. Se. 318-A. India. Uttar Pradesh State. Seed.
- 464473. I. Se. 318-B. India. Uttar Pradesh State. Seed.
- 464474. I. Se. 319. India. Uttar Pradesh State. Seed.
- 464475. I. Se. 320. India. Uttar Pradesh State. Seed.
- 464476. I. Se. 322. India. Uttar Pradesh State. Seed.
- 464477. I. Se. 323. India. Uttar Pradesh State. Seed.
- 464478. I. Se. 324. India. Uttar Pradesh State. Seed.
- 464479. I. Se. 325. India. Uttar Pradesh State. Seed.
- 464480. I. Se. 326. India. Uttar Pradesh State. Seed.

464157 TO 464582-continued

464481. I. Se. 328. India. Uttar Pradesh State. Seed.
464482. I. Se. 329. India. Uttar Pradesh State. Seed.
464483. I. Se. 330. India. Uttar Pradesh State. Seed.
464484. I. Se. 331. India. Uttar Pradesh State. Seed.
464485. I. Se. 332. India. Uttar Pradesh State. Seed.
464486. I. Se. 334. India. Uttar Pradesh State. Seed.
464487. I. Se. 335. India. Uttar Pradesh State. Seed.
464488. I. Se. 337. India. Uttar Pradesh State. Seed.
464489. I. Se. 339. India. Uttar Pradesh State. Seed.
464490. I. Se. 340. India. Uttar Pradesh State. Seed.
464491. I. Se. 341. India. Uttar Pradesh State. Seed.
464492. I. Se. 342. India. Uttar Pradesh State. Seed.
464493. I. Se. 343. India. Uttar Pradesh State. Seed.
464494. I. Se. 344. India. Uttar Pradesh State. Seed.
464495. I. Se. 345. India. Uttar Pradesh State. Seed.
464496. I. Se. 348. India. Uttar Pradesh State. Seed.
464497. I. Se. 349. India. Uttar Pradesh State. Seed.
464498. I. Se. 350. India. Uttar Pradesh State. Seed.
464499. I. Se. 352. India. Uttar Pradesh State. Seed.
464500. I. Se. 353. India. Uttar Pradesh State. Seed.
464501. I. Se. 354. India. Uttar Pradesh State. Seed.
464502. I. Se. 358. India. Uttar Pradesh State. Seed.
464503. I. Se. 359. India. Uttar Pradesh State. Seed.
464504. I. Se. 360. India. Uttar Pradesh State. Seed.
464505. I. Se. 361. India. Uttar Pradesh State. Seed.
464506. I. Se. 362. India. Uttar Pradesh State. Seed.

464157 TO 464582-continued

464507. I. Se. 363. India. Uttar Pradesh State. Seed.
464508. I. Se. 364. India. Uttar Pradesh State. Seed.
464509. I. Se. 368. India. Uttar Pradesh State. Seed.
464510. I. Se. 369. India. Uttar Pradesh State. Seed.
464511. I. Se. 370. India. Uttar Pradesh State. Seed.
464512. I. Se. 371. India. Uttar Pradesh State. Seed.
464513. I. Se. 373. India. Uttar Pradesh State. Seed.
464514. I. Se. 374. India. Assam State. Seed.
464515. I. Se. 375. India. Assam State. Seed.
464516. I. Se. 376. India. Assam State. Seed.
464517. I. Se. 377. India. Assam State. Seed.
464518. I. Se. 378. India. Assam State. Seed.
464519. I. Se. 379. India. Tripura State. Seed.
464520. I. Se. 380. India. Tripura State. Seed.
464521. I. Se. 383. India. Manipur State. Seed.
464522. I. Se. 385. India. Manipur State. Seed.
464523. I. Se. 386. India. Bihar State. Seed.
464524. I. Se. 388. India. Bihar State. Seed.
464525. I. Se. 389. India. Bihar State. Seed.
464526. I. Se. 391. India. Madhya Pradesh State. Seed.
464527. I. Se. 391-A. India. Madhya Pradesh State. Seed.
464528. I. Se. 391-B. India. Madhya Pradesh State. Seed.
464529. I. Se. 392. India. Madhya Pradesh State. Seed.
464530. I. Se. 393. India. Madhya Pradesh State. Seed.
464531. I. Se. 394. India. Madhya Pradesh State. Seed.
464532. I. Se. 395. India. Madhya Pradesh State. Seed.

464157 TO 464582-continued

- 464533. I. Se. 396. India. Madhya Pradesh State. Seed.
- 464534. I. Se. 397. India. Madhya Pradesh State. Seed.
- 464535. I. Se. 398. India. Madhya Pradesh State. Seed.
- 464536. I. Se. 399. India. Madhya Pradesh State. Seed.
- 464537. I. Se. 400. India. Madhya Pradesh State. Seed.
- 464538. I. Se. 403. India. Madras State. Seed.
- 464539. I. Se. 404. India. Mysore State. Seed.
- 464540. I. Se. 405-A. India. Assam State. Seed.
- 464541. I. Se. 405-B. India. Assam State. Seed.
- 464542. I. Se. 406-A. India. Assam State. Seed.
- 464543. I. Se. 406-B. India. Assam State. Seed.
- 464544. I. Se. 410-A. Ethiopia. Alamiayhu. Seed.
- 464545. I. Se. 410-B. Ethiopia. Alamiayhu. Seed.
- 464546. I. Se. 415. South Africa. Pretoria. Seed.
- 464547. I. Se. 417. South Africa. Pretoria. Seed.
- 464548. I. Se. 480. China, Peoples Repub of. Beijing. Seed.
- 464549. I. Se. 481. China, Peoples Repub of. Beijing. Seed.
- 464550. I. Se. 482. China, Peoples Repub of. Beijing. Seed.
- 464551. I. Se. 483. China, Peoples Repub of. Beijing. Seed.
- 464552. I. Se. 504. Turkey. Seed.
- 464553. I. Se. 505. Kenya. Seed.
- 464554. I. Se. 507. Kenya. Seed.
- 464555. I. Se. 508. Kenya. Seed.
- 464556. I. Se. 509. Kenya. Seed.
- 464557. I. Se. 642. United States. Seed.
- 464558. I. Se. 643. United States. Seed.

464157 TO 464582-continued

- 464559. I. Se. 644. India. Punjab State. Seed.
- 464560. I. Se. 645. India. Punjab State. Seed.
- 464561. I. Se. 646. India. Punjab State. Seed.
- 464562. I. Se. 650. India. Punjab State. Seed.
- 464563. I. Se. 653. India. Punjab State. Seed.
- 464564. I. Se. 659. India. Punjab State. Seed.
- 464565. I. Se. 660. India. Punjab State. Seed.
- 464566. I. Se. 662. India. Madras State. Seed.
- 464567. I. Se. 663. Switzerland. Seed.
- 464568. I. Se. 673. India. West Bengal State. Seed.
- 464569. I. Se. 678. India. Bihar State. Seed.
- 464570. I. Se. 681. India. Madhya Pradesh State. Seed.
- 464571. I. Se. 700. India. Seed.
- 464572. I. Se. 701. India. Seed.
- 464573. I. Se. 702. India. Seed.
- 464574. I. Se. 703. India. Seed.
- 464575. I. Se. 706. India. Seed.
- 464576. I. Se. 708. India. Seed.
- 464577. I. Se. 709. India. Seed.
- 464578. I. Se. 710. India. Seed.
- 464579. I. Se. 711. India. Seed.
- 464580. I. Se. 712. India. Seed.
- 464581. I. Se. 713. India. Seed.
- 464582. I. Se. H-1. India. Seed.

464583. Secale cereale L. (Poaceae) Rye.

From United States. Dig Flats Plant Materials Center, Soil

464583-continued

Conservation Service, USDA, and Cornell University, Big Flats and Ithaca, New York. Received through joint release by SCS, USDA & College of Agriculture and Life Sciences.

Received November 1981.

T 12815. 'Aroostook'. United States. Big Flats, New York. Big Flats Plant Materials Center, SCS. NY 6030. Selected from certified seed of 'Balboa'. Original seed purchased from Stanford Seed Company, Buffalo, New York. Concurrently tested by Presque Isle Exp. Station. University of Maine as cover crop after potato harvest. Plants cold tolerant with superior late fall and early spring growth. Winter Annual. Cultivar. Seed.

464584. *Sanguisorba minor* Scop. (Fabaceae).

From United States. Aberdeen Plant Materials Center, SCS, USDA, and Agricultural Experiment Station, University of Idaho, Aberdeen, Idaho.

Received December 1981.

T 2141. 'Delar'. United States. National Plant Materials Center, SCS, USDA. BN 9043. Originally purchased by Elsberry Missouri Plant Materials Center (MI 5180) in 1955 from Yapp Seed Co., Paducah, Kentucky. Other designation AM 3656. Cultivar. Seed.

464585 TO 464638. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. International Rice Research Institute, Manila. Received through H. L. Carnahan, Calif. Coop. Rice Res.

Foundation, Inc., Biggs, CA.

Received November 1981.

464585. Baegunchalbyeo. Korea, Republic of. Hilyang20/IR29. Cultivated. Seed.

464586. Cheongcheongbyeo. Korea, Republic of. TR675-153/IR2035-290-2. Cultivated. Seed.

464587. Chupungbyeo. Korea, Republic of. IR242/IR747B2-6. Cultivated. Seed.

464588. Geumgangbyeo. Korea, Republic of. Suweon232/IR24. Cultivated. Seed.

464589. Hangangchalbyeo. Korea, Republic of. IR2061-464/KR51-28-51. Cultivated. Seed.

464590. Honamjosaeng. Korea, Republic of. Tongil/IR781-186-3.

464585 TO 464638-continued
Cultivated. Seed.

464591. Hwanggeumbyeo. Korea, Republic of. Taichung Yu 129/
Tongil. Cultivated. Seed.
464592. IR3259-pp111-186-4. Korea, Republic of. IR83/Tetep.
Cultivated. Seed.
464593. IR4227-140-2-1. Korea, Republic of. IR2061-213/IR1820-17-
1. Cultivated. Seed.
464594. IR4547-6-1-3. Korea, Republic of. IR86/PK203//IR4477/
//IR3265. Cultivated. Seed.
464595. IR5533-pp856-1. Korea, Republic of. IR83/Carreon//Tetep.
Cultivated. Seed.
464596. IR9559-pp870-2. Korea, Republic of. IR85/Carreon//Tetep.
Cultivated. Seed.
464597. IR9660-48-1-1-2. Korea, Republic of. IR88/Dawn/
/Kaktara. Cultivated. Seed.
464598. IR19726-1-2-1-3. Korea, Republic of. IR8608-298-3-1/
IR10157-145. Cultivated. Seed.
464599. IR19759-21-3-3-2. Korea, Republic of. IR9201-91-2-2/
IR10176-79. Cultivated. Seed.
464600. IR19798-8-2-3-3. Korea, Republic of. IR9703-144-3/
IR10157-145. Cultivated. Seed.
464601. IR19799-17-3-1. Korea, Republic of. IR9703-144-3/IR10176-
79. Cultivated. Seed.
464602. IR19802-15-3-3. Korea, Republic of. IR9703-144-3/IR10183-
7. Cultivated. Seed.
464603. IR19806-8-1-3-2. Korea, Republic of. IR9704-25-1/IR10157-
145. Cultivated. Seed.
464604. IR19807-21-2-2-2. Korea, Republic of. IR9704-25-1/
IR10181-71. Cultivated. Seed.
464605. Jinjubyeo. Korea, Republic of. HR769-16//Palkeum/BL1.
Cultivated. Seed.
464606. Josaengtongil. Korea, Republic of. IR8//Yukara/TN1.
Cultivated. Seed.
464607. Manseogbyeo. Korea, Republic of. IR1317B1-27/Suweon228/
/IR24. Cultivated. Seed.

464585 TO 464638-continued

464608. Milyang 20. Korea, Republic of. YR91-24-7/Saikai 128.
Cultivated. Seed.
464609. Milyang 23. Korea, Republic of. Suweon232/IR24.
Cultivated. Seed.
464610. Milyang 30. Korea, Republic of. Tongil/IR946-52//IR1317-
392/IR1539///YR675. Cultivated. Seed.
464611. Milyang 42. Korea, Republic of. YR938/YR675. Cultivated.
Seed.
464612. Milyang 49. Korea, Republic of. Milyang23//Suweon261/
IR29. Cultivated. Seed.
464613. Milyang 53. Korea, Republic of. Milyang23//Suweon261/
IR29. Cultivated. Seed.
464614. Milyang 54. Korea, Republic of. Milyang21/IR32/
/Milyang23/Milyang30. Cultivated. Seed.
464615. Milyang 55. Korea, Republic of. Milyang30/IR4445-63-1-2-
2. Cultivated. Seed.
464616. Milyang 56. Korea, Republic of. Milyang23/IR2061-481-2.
Cultivated. Seed.
464617. Milyang57. Korea, Republic of. Milyang232/IR2061.
Cultivated. Seed.
464618. Minehikari. Korea, Republic of. Nakadeshinsenbon/
Keungang. Cultivated. Seed.
464619. Nopung. Korea, Republic of. KC1-4-8-17-4/IR667-142-2-2/
Tongil. Cultivated. Seed.
464620. Palkwangbyeo. Korea, Republic of. IR2061/SR814/
/Honamjosaeng. Cultivated. Seed.
464621. Raegyeong. Korea, Republic of. IR1317/IR24. Cultivated.
Seed.
464622. Saebyeolbyeo. Korea, Republic of. Suweon223//Tongil/IR24.
Cultivated. Seed.
464623. Seogwangbyeo. Korea, Republic of. Milyang23/IR1545-339-9-
2. Cultivated. Seed.
464624. Seolakbyeo. Korea, Republic of. Suweon231/IR24.
Cultivated. Seed.
464625. Suweon235. Korea, Republic of. Jinheung/Shimokita.

464585 TO 464638-continued

Cultivated. Seed.

464626. Taebaekbyeo. Korea, Republic of. IR242/IR747B2-6.
Cultivated. Seed.
464627. Yeongnamjosaeng. Korea, Republic of. IR8//Yukara/TN1.
Cultivated. Seed.
464628. Yushin. Korea, Republic of. IR667/IR1317. Cultivated.
Seed.
464629. Korea, Republic of. HR1276-7/Sadominori. Cultivated.
Seed.
464630. Korea, Republic of. HR1619//Milyang23/Milyang30.
Cultivated. Seed.
464631. Korea, Republic of. HR769/Asoinori. Cultivated. Seed.
464632. Korea, Republic of. Milyang20/Asoinori. Cultivated.
Seed.
464633. Korea, Republic of. Milyang20/Hiyokuchal. Cultivated.
Seed.
464634. Korea, Republic of. Milyang21/HR963//Milyang23/IR545.
Cultivated. Seed.
464635. Korea, Republic of. Milyang23/HR963//Milyang20/IR29.
Cultivated. Seed.
464636. Korea, Republic of. Milyang23/IR1545-339-2-2. Cultivated.
Seed.
464637. Korea, Republic of. Milyang23/IR1545-339-2-2. Cultivated.
Seed.
464638. Korea, Republic of. Yushin//Iri316/IR26. Cultivated.
Seed.

464639 TO 464647. *Triticum aestivum* L. (Poaceae) Common wheat.

From Australia. Australian Wheat Collection, Tamworth, N.S.W.
Received September 1981.

464639. AUS 11613. Bokal. Cultivated. Seed.
464640. AUS 19814. UP 10. Cultivated. Seed.
464641. AUS 19815. UP 31. Cultivated. Seed.
464642. AUS 20594. Jacup. Cultivated. Seed.

464639 TO 464647-continued

464643. AUS 20595. Miling. Cultivated. Seed.

464644. AUS 20601. Avocet. Cultivated. Seed.

464645. AUS 20621. Bindawarra. Cultivated. Seed.

464646. AUS 20911. Terra. Cultivated. Seed.

464647. AUS 20992. Aroona. Cultivated. Seed.

464648. *Pueraria phaseoloides* (Roxb.) Benth. (Fabaceae) Tropical kudzu.

From Malawi. Chitedze Agricultural Research Station, Ministry of
Agriculture, Lilongwe.
Received October 1981.

Malawi. Seed.

464649 TO 464651. *Avena sativa* L. (Poaceae) Common oat.

From Denmark. S. Andersen, Department of Crop Husbandry and Plant
Breeding, Agricultural University, Copenhagen V.
Received December 1981.

464649. KVL 1419. 'Sofi'. Sweden. Resistant to races 1 and 2 of
Heterodera avenae. Cultivar. Seed.

464650. KVL 1420. 'Hedvig'. Sweden. Resistant to races 1 and 2
of *Heterodera avenae*. Cultivar. Seed.

464651. KVL 1423. 'Alden'. Denmark. Sofi/*4 Selma. Sweden,
Weibullsholm. Resistant to races 11 and 12 of *Heterodera*
avenae. Cultivar. Seed.

464652 TO 464655. *Hordeum vulgare* L. (Poaceae) Barley.

From Denmark. S. Andersen, Department of Crop Husbandry and Plant
Breeding, Agricultural University, Copenhagen V.
Received December 1981.

464652. KVL 807. 'Zita'. Denmark. Resistant to races 1 and 2 of
Heterodera avenae. Cultivar. Seed.

464653. KVL 840. 'Mirjam'. Denmark. Resistant to races 1 and 2
of *Heterodera avenae*. Cultivar. Seed.

464654. KVL 841. 'Nery'. Denmark. Resistant to races 1 and 2 of
Heterodera avenae. Cultivar. Seed.

464652 TO 464655-continued

464655. KVL 844. 'Gunhild'. Denmark. Algerian/Lone//M63199. From Pajbjerg Foundation. Resistant to races 11 and 12 of *Heterodera avenae*. Cultivar. Seed.

464656. *Cynodon dactylon* (L.) Pers. (Poaceae) Bermudagrass.

From United States. Soil Conservation Service, U.S. Department of Agriculture & Texas Agricultural Experiment Station, College Station, Texas.
Received December 1981.

T-26. 'Brazos'. United States. (Guymon x 9958) x X-820. Parental lines originated in Africa. Hybrid developed by C.M. Taliaferro and W. L. Richardson, Agronomy Dept., Oklahoma State Univ., Stillwater. Tested at several locations in Texas and compared favorably or surpassed 'Coastal' bermudagrass for several characteristics. Perennial Herb. Cultivar. Plants.

464657. *Coronilla* sp. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.
Received August 1981.

JE 053. Turkey. Collected July 31, 1981. Roadside, 62km E of Tatvan, Bitlis Province. 2000M. Lat. 38 deg. 20' N, Long. 42 deg. 40' E. Leaves compound. Flowers yellow. Wild. Seed.

464658 TO 464659. *Lotus collinus* (Boiss.) Heldr. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.
Received August 1981.

464658. JE 086. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Wild. Seed.

464659. JE 167. Turkey. Collected August 09, 1981. Roadbank, 36km SW of Refahiye, Erzincan Province. 1790M. Lat. 39 deg. 55' N, Long. 38 deg. 30' E. Leaves medium-sized, light pubescent. Flowers yellow. Wild. Seed.

464660 TO 464662. *Lotus corniculatus* var. *alpinus* Ser. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464660. JE 162. Turkey. Collected August 09, 1981. Mountain stream, 35km NW of Erzincan, Erzincan Province. 2100M. Lat. 39 deg. 53' N, Long. 39 deg. 10' E. Leaves medium-sized, lightly pubescent. Flowers yellow. Wild. Seed.

464661. JE 169. Turkey. Collected August 09, 1981. Roadbank, 8km W of Imranli, Sivas Province. 1560M. Lat. 39 deg. 50' N, Long. 38 deg. 03' E. Leaves medium-sized, lightly pubescent. Flowers yellow. Wild. Seed.

464662. JE 186. Turkey. Collected August 11, 1981. Roadside, 10km NW of Elmadağ, Ankara Province. 1070M. Lat. 39 deg. 58' N, Long. 33 deg. 10' E. Leaves small, pubescent. Flowers yellow. Wild. Seed.

464663 TO 464684. *Lotus corniculatus* var. *corniculatus* L. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464663. JE 003. Turkey. Collected July 21, 1981. Roadside, 22km E of Afyon, Afyon Province. 990M. Lat. 38 deg. 40' N, Long. 30 deg. 45' E. Plants 7-15cm tall. Leaves small. Flowering profusely. Wild. Seed.

464664. JE 014. Turkey. Collected July 24, 1981. Roadside, 10km E of Develi, Kayseri Province. 1400M. Lat. 38 deg. 25' N, Long. 35 deg. 40' E. Plants 7-15cm tall. Leaves medium-sized. Flowers yellow. Wild. Seed.

464665. JE 022. Turkey. Collected July 27, 1981. Irrigation ditch, 22km NW of Mardin, Mardin Province. 915M. Lat. 37 deg. 30' N, Long. 40 deg. 40' E. Wild. Seed.

464666. JE 025. Turkey. Collected July 27, 1981. Agri. Res. Institute, 5km NE of Diyarbakir, Diyarbakir Province. 600M. Lat. 37 deg. 59' N, Long. 40 deg. 15' E. Growing in uncultivated area. Wild. Seed.

464667. JE 031. Turkey. Collected July 28, 1981. Bank, irrigation ditch, Lice, Diyarbakir Province. 970M. Lat. 38 deg. 30' N, Long. 40 deg. 40' E. Intermediate between

464663 TO 464684-continued

L. corniculatus var. *alpinus* and *L. corniculatus* var. *corniculatus*. Wild. Seed.

464668. JE 039. Turkey. Collected July 30, 1981. Pear orchard, Tatvan, Bitlis Province. 1560M. Lat. 38 deg. 30' N, Long. 42 deg. 20' E. Wild. Seed.
464669. JE 050. Turkey. Collected July 31, 1981. South side of Lake Van, 5km W of Resadyie, Bitlis Province. 1620M. Lat. 38 deg. 25' N, Long. 42 deg. 30' E. Single plant. Flowers yellow. Wild. Seed.
464670. JE 051. Turkey. Collected July 31, 1981. Roadside, 50km E of Tatvan, Bitlis Province. 1710M. Lat. 38 deg. 20' N, Long. 42 deg. 40' E. Flowers yellow. Wild. Seed.
464671. JE 056. Turkey. Collected July 31, 1981. Roadside, 29km NW of Baskale, Van Province. 2380M. Lat. 38 deg. 15' N, Long. 43 deg. 40' E. Leaves broad. Flowers yellow. Wild. Seed.
464672. JE 065. Turkey. Collected August 01, 1981. Cemetery, Ismailbaba, 40km N of Dorutay, Van Province. 2010M. Lat. 39 deg. 05' N, Long. 43 deg. 55' E. Flowers yellow. Wild. Seed.
464673. JE 068. Turkey. Collected August 01, 1981. Irrigation ditch, Koskkoyu, 9km S of Muradiye, Van Province. 1620M. Lat. 39 deg. N, Long. 43 deg. 40' E. Flowers yellow. Wild. Seed.
464674. JE 073. Turkey. Collected August 02, 1981. Roadside, Bozyaka, 23km NW of Erчис, Van Province. 1810M. Lat. 39 deg. 05' N, Long. 43 deg. 20' E. Flowers yellow. Wild. Seed.
464675. JE 114. Turkey. Collected August 05, 1981. Roadbank, 5km SW of Arpacay, Kars Province. 1620M. Lat. 40 deg. 45' N, Long. 43 deg. 20' E. Flowers yellow. Wild. Seed.
464676. JE 117. Turkey. Collected August 05, 1981. Roadside rangeland, Gonulalan, 11km NW of Arpacay, Kars Province. 1940M. Lat. 40 deg. 56' N, Long. 43 deg. 25' E. Plants pubescent 10-15cm tall. Flowers large, yellow. Wild. Seed.
464677. JE 140. Turkey. Collected August 07, 1981. Roadbank, 17km NE of Tortum, Erzurum Province. 2220M. Lat. 40 deg. 20' N, Long. 41 deg. 40' E. Leaves large. Flowers large, yellow. Wild. Seed.
464678. JE 141. Turkey. Collected August 07, 1981. Roadbank, 19km NE of Tortum, Erzurum Province. 2340M. Lat. 40 deg. 20' N, Long. 41 deg. 42' E. Single plant. Leaves medium.

464663 TO 464684-continued

Flowers yellow. Wild. Seed.

464679. JE 146. Turkey. Collected August 07, 1981. Roadside, 26km NE of Tortum, Erzurum Province. 2190M. Lat. 40 deg. 30' N, Long. 41 deg. 44' E. Leaves pubescent. Flowers bright yellow. Wild. Seed.
464680. JE 158. Turkey. Collected August 08, 1981. Stream, 15km N of Pulumur, Tunceli Province. 1640M. Lat. 39 deg. 30' N, Long. 39 deg. 55' E. Leaves medium-sized. Flowers yellow. Wild. Seed.
464681. JE 174. Turkey. Collected August 10, 1981. Roadside, 22km W of Yildizeli, Sivas Province. 1350M. Lat. 39 deg. 48' N, Long. 36 deg. 20' E. Leaves narrow. Flowers yellow. Mixture with *L. corniculatus* var. *alpinus* and *L. tenuis*. Wild. Seed.
464682. JE 177. Turkey. Collected August 10, 1981. Roadside, 21km NE of Akdagmadeni, Yozgat Province. 1290M. Lat. 39 deg. 45' N, Long. 36 deg. 05' E. Leaves medium sized. Flowers yellow. Wild. Seed.
464683. JE 180. Turkey. Collected August 11, 1981. Roadside, 8km NE of Yerkey, Yozgat Province. 890M. Lat. 39 deg. 40' N, Long. 34 deg. 33' E. Leaves small, narrow. Flowers yellow. Wild. Seed.
464684. JE 188. Turkey. Collected August 11, 1981. Roadside, 10km NW of Elmadag, Ankara Province. 1070M. Lat. 39 deg. 58' N, Long. 33 deg. 10' E. Single plant, vigorous. Leaves intermediate to large. Flowers yellow. Wild. Seed.

464685. *Lotus gebelia* Vent. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

JE 052. Turkey. Collected July 31, 1981. Roadside, 62km E of Tatvan, Bitlis Province. 2000M. Lat. 38 deg. 20' N, Long. 42 deg. 40' E. Single plant large, pubescent. Flowers pink and white. Wild. Seed.

464686 TO 464688. *Lotus tenuis* Waldst. & Kit. ex Willd. (Fabaceae)
Narrowleaf trefoil.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research

464686 TO 464688-continued

Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464686. JE 034. Turkey. Collected July 28, 1981. Bank,
irrigation ditch, 21km S of Genc, Bingol Province. 1130M.
Lat. 38 deg. 45' N, Long. 40' deg. 30' E. Wild. Seed.
464687. JE 096. Turkey. Collected August 03, 1981. Subirrigated
flatland, 14km N of Dogubayazit, Agri Province. 1430M.
Lat. 39 deg. 35' N, Long. 44 deg. 05' E. Plants to 80cm
tall. Flowers yellow. Wild. Seed.
464688. JE 098. Turkey. Collected August 03, 1981. Wet area, 2km
W of Aralik, Kars Province. 780M. Lat. 39 deg. 53' N,
Long. 44 deg. 28' E. Leaves narrow. Flowers yellow.
Possibly salt tolerant. Wild. Seed.

464689. *Lotus uliginosus* Schkuhr (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

JE 006. Turkey. Collected July 22, 1981. Along rock
wall, 50km SW of Aksaray & W of Sultanhani, Nigde
Province. 920M. Lat. 38 deg. 15' N, Long. 33 deg. 30' E.
Collected from two plants. Wild. Seed.

464690 TO 464691. *Medicago lupulina* L. (Fabaceae) Black medic.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464690. JE 132. Turkey. Collected August 07, 1981. Roadside, 9km
SW of Tortum, Erzurum Province. 1790M. Lat. 40 deg. 18'
N, Long. 41 deg. 37' E. Plants prolific. Wild. Seed.
464691. JE 139. Turkey. Collected August 07, 1981. Roadbank,
17km NE of Tortum, Erzurum Province. 2220M. Lat. 40 deg.
20' N, Long. 41 deg. 40' E. Plants robust. Wild. Seed.

464692. *Medicago marina* L. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA

464692-continued

Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

JE 001. Turkey. Collected July 19, 1981. Aegean
seashore, 8km N of Kusadasi, Izmir Province. 2M. Lat. 37
deg. 55' N, Long. 27 deg. 15' E. Plants 7-15cm tall,
highly pubescent. Pods pubescent with small spines,
coiled. Pods collected from 2 locations, 100m apart and
bulked. Wild. Seed.

464693 TO 464695. *Medicago minima* (L.) Bartal. (Fabaceae) Little
burclover.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464693. JE 044. Turkey. Collected July 30, 1981. Uludere, 9km NE
of Ahlat, Bitlis Province. 1640M. Lat. 38 deg. 45' N,
Long. 42 deg. 35' E. Wild. Seed.

464694. JE 149. Turkey. Collected August 08, 1981. Roadbank,
42km SW of Tercan, Erzincan Province. 1320M. Lat. 39 deg.
40' N, Long. 40 deg. 10' E. Wild. Seed.

464695. JE 185. Turkey. Collected August 11, 1981. South slope,
17km E of Elmadag, Ankara Province. 700M. Lat. 39 deg.
55' N, Long. 33 deg. 25' E. Wild. Seed.

464696. *Medicago orbicularis* (L.) Bartal. (Fabaceae) Buttonclover
medic.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

JE 026. Turkey. Collected July 27, 1981. Agri. Res.
Institute, 5km NE of Diyarbakir, Diyarbakir Province.
600M. Lat. 37 deg. 59' N, Long. 40 deg. 15' E. Growing in
uncultivated area. Wild. Seed.

464697 TO 464705. *Medicago papillosa* Boiss. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA

464697 TO 464705-continued

Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464697. JE 118. Turkey. Collected August 05, 1981. Rangeland, Gonulalan, 11km NW of Arpacay, Kars Province. 1940M. Lat. 40 deg. 56' N, Long. 43 deg. 25' E. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464698. JE 121. Turkey. Collected August 05, 1981. Roadside, 18km NW of Arpacay, Kars Province. 1940M. Lat. 40 deg. 55' N, Long. 43 deg. 20' E. Single plant. Leaves narrow. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464699. JE 124. Turkey. Collected August 06, 1981. Hillside pasture, 14km SW of Selim, Kars Province. 1940M. Lat. 40 deg. 23' N, Long. 42 deg. 40' E. Flowers yellow. Pods irregularly coiled. Wild. Seed.
464700. JE 131. Turkey. Collected August 07, 1981. Rocky hillside, 10km SW of Tortum, Erzurum Province. 1830M. Lat. 40 deg. 15' N, Long. 41 deg. 35' E. Plants ascending to 0.25m. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464701. JE 134. Turkey. Collected August 07, 1981. Steep mountainside, 14km NE of Tortum, Erzurum Province. 2000M. Lat. 40 deg. 20' N, Long. 41 deg. 38' E. Single plant. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464702. JE 135. Turkey. Collected August 07, 1981. Steep mountainside, 14km NE of Tortum, Erzurum Province. 2000M. Lat. 40 deg. 20' N, Long. 41 deg. 38' E. Single plant. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464703. JE 136. Turkey. Collected August 07, 1981. Steep mountainside, 14km NE of Tortum, Erzurum Province. 2000M. Lat. 40 deg. 20' N, Long. 41 deg. 38' E. Single plant. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464704. JE 137. Turkey. Collected August 07, 1981. Steep mountainside, 14km NE of Tortum, Erzurum Province. 2000M. Lat. 40 deg. 20' N, Long. 41 deg. 38' E. Plants ascending to 0.2m. Flowers yellow. Pods irregularly coiled, pubescent. Wild. Seed.
464705. JE 138. Turkey. Collected August 07, 1981. Steep mountainside, 14km NE of Tortum, Erzurum Province. 2000M.

464697 TO 464705-continued

Lat. 40 deg. 20' N, Long. 41 deg. 38' E. Single plant.
Leaves larger than normal. Flowers yellow. Pods larger
than normal, irregularly coiled, pubescent. Wild. Seed.

464706 TO 464707. *Medicago radiata* L. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464706. JE 151. Turkey. Collected August 08, 1981. Roadbank,
42km SW of Tercan, Erzincan Province. 1320M. Lat. 39 deg.
40' N, Long. 40 deg. 10' E. Wild. Seed.

464707. JE 153. Turkey. Collected August 08, 1981. Steep
mountainside, 22km N of Pulumur, Tunceli Province. 1300M.
Lat. 39 deg. 35' N, Long. 39 deg. 55' E. Wild. Seed.

464708 TO 464709. *Medicago rigidula* (L.) All. (Fabaceae) Tifton
burclover.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464708. JE 043. Turkey. Collected July 30, 1981. Uludere, 9km NE
of Ahlat, Bitlis Province. 1640M. Lat. 38 deg. 45' N,
Long. 42 deg. 35' E. Wild. Seed.

464709. JE 150. Turkey. Collected August 08, 1981. Roadbank,
42km SW of Tercan, Erzincan Province. 1320M. Lat. 39 deg.
40' N, Long. 40 deg. 10' E. Wild. Seed.

464710 TO 464724. *Medicago sativa* subsp. *caerulea* (Lessing ex
Ledebour) Schmalhausen (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA
Field Crops Laboratory & Biosystematics Research
Institute, Agriculture Canada, Maryland, USA & Ontario,
Canada.

Received August 1981.

464710. JE 090. Turkey. Collected August 03, 1981. Roadside,
15km NE of Diyadin, Agri Province. 1790M. Lat. 39 deg.
35' N, Long. 43 deg. 43' E. Plants ascending,
considerably variable. Leaves narrow. Flowers purple.

464710 TO 464724-continued
Wild. Seed.

464711. JE 091. Turkey. Collected August 03, 1981. Roadside, 15km NE of Diyadin, Agri Province. 1790M. Lat. 39 deg. 35' N, Long. 43 deg. 43' E. Stems ascending, branched. Leaves small. Flowers small, dark purple. Collection from 2 plants, one with coilded pods and one with C-shaped pods. Wild. Seed.
464712. JE 092. Turkey. Collected August 03, 1981. Roadside, 21km NE of Diyadin, Agri Province. 1690M. Lat. 39 deg. 35' N, Long. 43 deg. 45' E. Plants prostrate, prolific. Flowers small, dark purple. Pods small, highly coiled. Wild. Seed.
464713. JE 093. Turkey. Collected August 03, 1981. Field, 17km W of Dogubayazit, Agri Province. 1620M. Lat. 39 deg. 35' N, Long. 43 deg. 53' E. Plants mixed, possibly diploid growing with tetraploid. Some stems to 1.5m, others to 20cm. Leaves narrow. Racemes long on some, short on others. Flowers small. Pods small, coiled. Wild. Seed.
464714. JE 094. Turkey. Collected August 03, 1981. Roadside, 10km N of Dogubayazit, Agri Province. 1430M. Lat. 39 deg. 32' N, Long. 44 deg. 05' E. Plants mostly prostrate. Flowers small, dark purple. Pods small, coiled. Wild. Seed.
464715. JE 099. Turkey. Collected August 03, 1981. Drainage ditch, 2km W of Aralik, Kars Province. 780M. Lat. 39 deg. 53' N, Long. 44 deg. 28' E. Plants rambling, to 1 m tall. Flowers purple. Pods small. Wild. Seed.
464716. JE 100. Turkey. Collected August 04, 1981. Government Production Farm, 63km SE of Igridir, Kars Province. 790M. Lat. 39 deg. 45' N, Long. 44 deg. 32' E. Plants to 1 m tall. Flowers small, purple. Pods small, coiled. Wild. Seed.
464717. JE 103. Turkey. Collected August 04, 1981. Irrigation ditch, 25km W of Tuzluca, Kars Province. 970M. Lat. 40 deg. 08' N, Long. 43 deg. 35' E. Plants rambling, to 1.3m tall. Stems highly branched, with black discoloration on lower parts, possibly pigmentation. Leaves very small, sparse. Flowers small, purple to dark purple. Pods small, tightly coiled. Wild. Seed.
464718. JE 104. Turkey. Collected August 04, 1981. Roadside, Akcay, 20km E of Kagizman, Kars Province. 1050M. Lat. 40 deg. 07' N, Long. 43 deg. 15' E. Plants next to cultivated tetraploid alfalfa field. Stems branched, rambling, 0.3-1.0m long. Leaves small. Flowers small, purple. Pods small, coiled. Wild. Seed.

464710 TO 464724-continued

464719. JE 105. Turkey. Collected August 04, 1981. Steep rocky roadside, 4km NW of Kotek, Kars Province. 1330M. Lat. 40 deg. 12' N, Long. 42 deg. 57' E. Plants compact, decumbent. Flowers purple. Pods small, coiled. Wild. Seed.
464720. JE 106. Turkey. Collected August 04, 1981. Steep rocky roadside, 6km NW of Kotek, Kars Province. 1520M. Lat. 40 deg. 15' N, Long. 42 deg. 55' E. Plants to 1 m tall, highly branched. Flowers small, purple. Pods small, coiled. Wild. Seed.
464721. JE 129. Turkey. Collected August 06, 1981. Roadside, 10km W of Horasan, Erzurum Province. 1560M. Lat. 40 deg. 05' N, Long. 42 deg. 07' E. Plants ascending, 0.5-1.5m. Flowers small, purple. Pods small, coiled. Wild. Seed.
464722. JE 143. Turkey. Collected August 07, 1981. Roadside, 18km N of Narmon, Erzurum Province. 1450M. Lat. 40 deg. 22' N, Long. 41 deg. 55' E. Adjacent to cultivated (tetraploid) field. Plants ascending to 0.8m tall, highly branched. Flowers small, purple. Pods small, coiled. Wild. Seed.
464723. JE 159. Turkey. Collected August 08, 1981. Dry mountain valley, 10km SW of Pulumur, Tunceli Province. 1280M. Lat. 39 deg. 25' N, Long. 39 deg. 53' E. Plants ascending to 0.75m tall. Flowers small, purple. Pods small, coiled. Wild. Seed.
464724. JE 160. Turkey. Collected August 09, 1981. Barnyard, Hurren, 10km NW of Erzincan, Erzincan Province. 1290M. Lat. 39 deg. 45' N, Long. 39 deg. 25' E. Plants heavily grazed. Flowers small, purple. Pods small, tightly coiled. Wild. Seed.

464725 TO 464729. *Medicago sativa* subsp. *falcata* (L.) Arc. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.
Received August 1981.

464725. JE 017. Turkey. Collected July 24, 1981. Roadside, Guron, 155km S of Sivas, Sivas Province. 1290M. Lat. 38 deg. 40' N, Long. 37 deg. 20' E. Plants ascending, 30-40cm tall. Flowers lemon yellow. Pods falcate. Wild. Seed.
464726. JE 109. Turkey. Collected August 04, 1981. Roadbank, S end of Pasli, 29km NW of Kagizman, Kars Province. 1760M. Lat. 40 deg. 18' N, Long. 42 deg. 55' E. Single plant low-

464725 TO 464729-continued

- growing. Flowers bright yellow. Pods falcate. Wild. Seed.
464727. JE 110. Turkey. Collected August 04, 1981. Roadbank, S end of Pasli, 29km NW of Kagizman, Kars Province. 1760M. Lat. 40 deg. 18' N, Long. 42 deg. 55' E. Single plant low-growing. Flowers bright yellow. Pods falcate. Wild. Seed.
464728. JE 111. Turkey. Collected August 04, 1981. Roadbank, S end of Pasli, 29km NW of Kagizman, Kars Province. 1760M. Lat. 40 deg. 18' N, Long. 42 deg. 55' E. Plants low-growing. Flowers bright yellow. Pods falcate. Wild. Seed.
464729. JE 112. Turkey. Collected August 04, 1981. Roadbank, 1 km N of Pasli, 31km NW of Kagizman, Kars Province. 1830M. Lat. 40 deg. 20' N, Long. 42 deg. 55' E. Wild. Seed.

464730 TO 464799. *Medicago sativa* subsp. *sativa* L. (Fabaceae) Alfalfa.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464730. JE 002. Turkey. Collected July 21, 1981. Farm, Ilicahamam, 5km NE of Banaz, Usak Province. 950M. Lat. 38 deg. 45' N, Long. 29 deg. 45' E. Highly productive. Stands last 6 to 8 years. Primitive Cultivar. Seed.
464731. JE 004. Turkey. Collected July 21, 1981. Farm, 7km E of Aksehir, Konya Province. 990M. Lat. 38 deg. 25' N, Long. 31 deg. 32' E. Good productivity. Stands last 8 to 10 years. Low frequency of multiple leaflets. Primitive Cultivar. Seed.
464732. JE 005. Turkey. Collected July 22, 1981. Along rock wall, 50km SW of Aksaray, Nigde Province. 920M. Lat. 38 deg. 15' N, Long. 33 deg. 30' E. Wild. Seed.
464733. JE 007. Turkey. Collected July 22, 1981. Farm, Akanyaylasi, 20km SW of Aksaray, Nigde Province. 880M. Lat. 38 deg. 20' N, Long. 33 deg. 50' E. Primitive Cultivar. Seed.
464734. JE 009. Turkey. Collected July 23, 1981. Farm, Dirkanan, 20km N of Kayseri, Kayseri Province. 1050M. Lat. 38 deg. 45' N, Long. 35 deg. 32' E. Kayseri alfalfa. Stem nematodes and dodder in fields. Wild. Seed.
464735. JE 010. Turkey. Collected July 23, 1981. Farm, Dirkanan, 20km N of Kayseri, Kayseri Province. 1050M. Lat. 38 deg. 45' N, Long. 35 deg. 32' E. Kayseri alfalfa. Stem

464730 TO 464799--continued

- nematodes and dodder in fields. Wild. Seed.
464736. JE 011. Turkey. Collected July 23, 1981. Farm, Dirkalan, 20km N of Kayseri, Kayseri Province. 1050M. Lat. 38 deg. 45' N, Long. 35 deg. 32' E. Kayseri alfalfa. Stem nematodes and dodder in fields. Wild. Seed.
464737. JE 012. Turkey. Collected July 23, 1981. Farm, Dirkalan, 20km N of Kayseri, Kayseri Province. 1050M. Lat. 38 deg. 45' N, Long. 35 deg. 32' E. Kayseri alfalfa. Stem nematodes and dodder in fields. Wild. Seed.
464738. JE 013. Turkey. Collected July 23, 1981. Farm, Dirkalan, 20km N of Kayseri, Kayseri Province. 1050M. Lat. 38 deg. 45' N, Long. 35 deg. 32' E. Kayseri alfalfa. Stem nematodes and dodder in fields. Wild. Seed.
464739. JE 018. Turkey. Collected July 24, 1981. Farm, Guron, 155km S of Sivas, Sivas Province. 1290M. Lat. 38 deg. 40' N, Long. 37 deg. 20' E. Plants ascending. Primitive Cultivar. Seed.
464740. JE 019. Turkey. Collected July 25, 1981. Field, 22km N of Malatya, Malatya Province. 700M. Lat. 38 deg. 30' N, Long. 38 deg. 25' E. Plants ascending, highly branched. Primitive Cultivar. Seed.
464741. JE 021. Turkey. Collected July 26, 1981. Agri. Res. Institute, 5km NE of Diyarbakir, Diyarbakir Province. 600M. Lat. 37 deg. 59' N, Long. 40 deg. 15' E. Field uncultivated. Plants ascending, highly branched. Leaves small. Flowers purple. Pods small, highly coiled. Wild. Seed.
464742. JE 023. Turkey. Collected July 27, 1981. Roadside, 22km NW of Mardin, Mardin Province. 915M. Lat. 37 deg. 30' N, Long. 40 deg. 40' E. Single plant spreading, mostly decumbent. Leaves narrow. Flowers purple. Pods small, coiled. Wild. Seed.
464743. JE 024. Turkey. Collected July 27, 1981. Field, Agri. Res. Institute, 5km NE of Diyarbakir, Diyarbakir Province. 600M. Lat. 37 deg. 59' N, Long. 40 deg. 15' E. Local name Peru (probably adapted from Hairy Peruvian). Alfalfa weevil severe on first crops. Primitive Cultivar. Seed.
464744. JE 027. Turkey. Collected July 28, 1981. Under aspen trees, 15km S of Lice, Diyarbakir Province. 800M. Lat. 38 deg. 15' N, Long. 40 deg. 25' E. Plants ascending. Leaves narrow. Flowers purple. Pods small, coiled. Wild. Seed.
464745. JE 028. Turkey. Collected July 28, 1981. Field, Lice, Diyarbakir Province. 970M. Lat. 38 deg. 30' N, Long. 40

464730 TO 464799-continued

- deg. 40' E. Plants low-growing. Leaflets very small. Flowers purple. Pods loosely coiled to C-shaped. Wild. Seed.
464746. JE 032. Turkey. Collected July 28, 1981. Streambank, 13km NW of Lice, Diyarbakir Province. 990M. Lat. 38 deg. 30' N, Long. 40 deg. 30' E. Flowers purple. Pods coiled. Wild. Seed.
464747. JE 035. Turkey. Collected July 29, 1981. Roadside, 16km W of Baykan, Siirt Province. 770M. Lat. 38 deg. 10' N, Long. 41 deg. 35' E. Plants spreading. Flowers purple. Pods coiled. Wild. Seed.
464748. JE 036. Turkey. Collected July 29, 1981. Farm, 40km SW of Bitlis, Bitlis Province. 800M. Lat. 38 deg. 15' N, Long. 41 deg. 55' E. Plants ascending to erect. Leaflets narrow. Primitive Cultivar. Seed.
464749. JE 037. Turkey. Collected July 29, 1981. Farm, 2km SW of Bitlis, Bitlis Province. 1100M. Lat. 38 deg. 20' N, Long. 42 deg. 05' E. Plants ascending, highly branched. Leaves small. Primitive Cultivar. Seed.
464750. JE 038. Turkey. Collected July 30, 1981. Pear orchard, Tatvan, Bitlis Province. 1560M. Lat. 38 deg. 30' N, Long. 42 deg. 20' E. Plants to 1 m tall, ascending to erect. Flowers purple. Wild. Seed.
464751. JE 040. Turkey. Collected July 30, 1981. Farm, Kiyiduzu, 15km NE of Tatvan, Bitlis Province. 1600M. Lat. 38 deg. 30' N, Long. 42 deg. 25' E. Stands last 15 to 20 years. Plants erect. Primitive Cultivar. Seed.
464752. JE 041. Turkey. Collected July 30, 1981. Farm, Bestas, 25km NE of Tatvan, Bitlis Province. 1560M. Lat. 38 deg. 35' N, Long. 42 deg. 25' E. Alfalfa weevil adults found under haystacks. Primitive Cultivar. Seed.
464753. JE 042. Turkey. Collected July 30, 1981. Farm, Uludere, 9km NE of Ahlat, Bitlis Province. 1640M. Lat. 38 deg. 45' N, Long. 42 deg. 25' E. Alfalfa weevil adults found under haystacks. Primitive Cultivar. Seed.
464754. JE 047. Turkey. Collected July 30, 1981. Farm, Gokyazi, 40km E of Mus, Mus Province. 1240M. Lat. 38 deg. 40' N, Long. 41 deg. 55' E. Primitive Cultivar. Seed.
464755. JE 048. Turkey. Collected July 31, 1981. Farm, Kucuksa, 7km SE of Tatvan, Bitlis Province. 1670M. Lat. 38 deg. 25' N, Long. 42 deg. 15' E. Primitive Cultivar. Seed.
464756. JE 049. Turkey. Collected July 31, 1981. Roadbank, 5km W

464730 TO 464799-continued

- of Resadyie, Bitlis Province. 1620M. Lat. 38 deg. 25' N, Long. 42 deg. 30' E. Flowers purple. Pods small, tightly coiled. Possibly diploid. Wild. Seed.
464757. JE 054. Turkey. Collected July 31, 1981. Roadbank, 1 km W of Gevas, Van Province. 1620M. Lat. 38 deg. 15' N, Long. 43 deg. 10' E. Plants spreading. Flowers purple. Pods coiled. Wild. Seed.
464758. JE 057. Turkey. Collected July 31, 1981. Field, 21km N of Baskale, Van Province. 2090M. Lat. 38 deg. 15' N, Long. 43 deg. 50' E. Plants ascending, highly branched. Leaves narrow, lanceolate. Flowers purple. Pods coiled. Wild. Seed.
464759. JE 058. Turkey. Collected July 31, 1981. Farm, 20km NW of Baskale, Van Province. 2070M. Lat. 38 deg. 15' N, Long. 43 deg. 55' E. Stems branched. Leaves small. Primitive Cultivar. Seed.
464760. JE 059. Turkey. Collected August 01, 1981. Roadside, 26km NE of Van, road to Ozalp, Van Province. 1800M. Lat. 38 deg. 35' N, Long. 43 deg. 40' E. Single plant, low-growing, highly branched. Leaves small. Flowers purple. Pods coiled. Wild. Seed.
464761. JE 060. Turkey. Collected August 01, 1981. Farm, Ercek, 27km NE of Van, road to Ozalp, Van Province. 1770M. Lat. 38 deg. 40' N, Long. 43 deg. 40' E. Plants ascending, branched. Alfalfa weevil problems each year. Stands last up to 40 years. Primitive Cultivar. Seed.
464762. JE 061. Turkey. Collected August 01, 1981. Farm, Saray, 91km E of Van, Van Province. 2000M. Lat. 38 deg. 45' N, Long. 44 deg. 10' E. Kayseri alfalfa. Stands last 4 to 5 years. Wild. Seed.
464763. JE 062. Turkey. Collected August 01, 1981. Farm, Saray, 91km E of Van, Van Province. 2000M. Lat. 38 deg. 45' N, Long. 44 deg. 10' E. Stands last 30 to 40 years. Primitive Cultivar. Seed.
464764. JE 063. Turkey. Collected August 01, 1981. Farm, Dorutay, 27km NE of Ozlap, Van Province. 2000M. Lat. 38 deg. 50' N, Long. 44 deg. 05' E. Primitive Cultivar. Seed.
464765. JE 066. Turkey. Collected August 01, 1981. Farm, Gonderme, 15km N of Muradiye, Van Province. 1880M. Lat. 39 deg. 05' N, Long. 43 deg. 45' E. Said to be from Iran about 60 years ago. Plants mostly erect. Local name Iranian alfalfa. Primitive Cultivar. Seed.
464766. JE 067. Turkey. Collected August 01, 1981. Farm,

464730 TO 464799-continued

- Koskkoyu, 9km S of Muradiye, Van Province. 1620M. Lat. 39 deg. N, Long. 43 deg. 40' E. Stands last 30 years. Local name Iranian alfalfa. Primitive Cultivar. Seed.
464767. JE 069. Turkey. Collected August 02, 1981. Roadside, 40km N of Van, Van Province. 1720M. Lat. 38 deg. 45' N, Long. 43 deg. 20' E. Single plant erect. Leaves good-sized. Flowers purple. Pods coiled. Wild. Seed.
464768. JE 070. Turkey. Collected August 02, 1981. Roadside, 40km N of Van, Van Province. 1720M. Lat. 38 deg. 45' N, Long. 43 deg. 20' E. Plants ascending to decumbent, highly branched. Flowers purple. Pods coiled. Wild. Seed.
464769. JE 071. Turkey. Collected August 02, 1981. Farm, Geckiran, 20km SW of Muradiye, Van Province. 1580M. Lat. 38 deg. 55' N, Long. 43 deg. 35' E. Said to be from Iran 60-100 years ago. Plants erect. Leaves medium-sized. Flowers purple. Pods coiled. Possibly sodium tolerant. Local name Iranian alfalfa. Primitive Cultivar. Seed.
464770. JE 072. Turkey. Collected August 02, 1981. Roadside, Bozyaka, 23km NW of Erçis, Van Province. 1810M. Lat. 39 deg. 05' N, Long. 43 deg. 20' E. Flowers purple. Pods coiled. Wild. Seed.
464771. JE 074. Turkey. Collected August 02, 1981. Farm, Bozyaka, 23km NW of Erçis, Van Province. 1810M. Lat. 39 deg. 05' N, Long. 43 deg. 20' E. Kayseri alfalfa. Wild. Seed.
464772. JE 075. Turkey. Collected August 02, 1981. Farm, Dedeli, 21km SE of Patnos, Agri Province. 1700M. Lat. 39 deg. 15' N, Long. 43 deg. 05' E. Stand 30 years old. Many alfalfa weevil adults collected under hard-rolled bales. Primitive Cultivar. Seed.
464773. JE 076. Turkey. Collected August 02, 1981. Cemetery, Patnos, Agri Province. 1580M. Lat. 39 deg. 20' N, Long. 42 deg. 55' E. Plants ascending, highly branched. Flowers purple. Pods coiled. Wild. Seed.
464774. JE 077. Turkey. Collected August 02, 1981. Steep roadbank, Butnis, 9km NE of Tutak, Agri Province. 1500M. Lat. 39 deg. 35' N. Long. 42 deg. 55' E. Plants ascending, highly branched. Flowers purple. Pods loosely coiled. Wild. Seed.
464775. JE 078. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Leaves small. Flowers purple. Pods loosely coiled. Possibly some diploid plants present. Wild. Seed.

464730 TO 464799-continued

464776. JE 079. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Single plant small, possibly diploid. Leaves small. Flowers small. Pods small, not tightly coiled. Wild. Seed.
464777. JE 080. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Single plant small, possibly diploid. Leaves small. Flowers small. Pods small, not tightly coiled. Wild. Seed.
464778. JE 082. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Single plant small, possibly diploid. Leaves small. Flowers small. Pods small, not tightly coiled. Wild. Seed.
464779. JE 084. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Single plant small, possible diploid. Leaves small. Flowers small. Pods small, not tightly coiled. Wild. Seed.
464780. JE 101. Turkey. Collected August 04, 1981. Government Production Farm, 63km SE of Igdır, Kars Province. 790M. Lat. 39 deg. 45' N, Long. 44 deg. 32' E. Flowers purple. Pods large, coiled. Wild. Seed.
464781. JE 102. Turkey. Collected August 04, 1981. Farm, 48km E of Igdır, Kars Province. 760M. Lat. 39 deg. 53' N, Long. 44 deg. 30' E. One farmer said similar to Kayseri, another said introduced from Russia 15 to 20 years ago. Possibly salt tolerant. Stands last 6 to 7 years. Primitive Cultivar. Seed.
464782. JE 126. Turkey. Collected August 06, 1981. Roadbank, 21km S of Sarıkamis, Kars Province. 1720M. Lat. 40 deg. 15' N, Long. 42 deg. 35' E. Plants prostrate to procumbent to ascending. Flowers purple. Pods loosely coiled (1-1.5 coils). Wild. Seed.
464783. JE 127. Turkey. Collected August 06, 1981. Farm, Aktas, 27km SE of Horasan, Erzurum Province. 1960M. Lat. 39 deg. 55' N, Long. 42 deg. 20' E. Plants scattered in barley field. Flowers purple. Pods coiled. Possibly Kayseri type. Wild. Seed.
464784. JE 128. Turkey. Collected August 06, 1981. Roadside, 10km W of Horasan, Erzurum Province. 1560M. Lat. 40 deg. 05' N, Long. 42 deg. 07' E. Single plant, growing among *M. sativa* subsp. *caerulea* types. Stems ascending to 1.5m.

464730 TO 464799-continued

- Flowers purple. Pods large, coiled. Wild. Seed.
464785. JE 130. Turkey. Collected August 06, 1981. Market, Pasinler, 37km NE of Erzurum, Erzurum Province. 1650M. Lat. 40 deg. N, Long. 41 deg. 43' E. Primitive Cultivar. Seed.
464786. JE 133. Turkey. Collected August 07, 1981. Bank, 2km S. of Tortum, Erzurum Province. 1620M. Lat. 40 deg. 20' N, Long. 41 deg. 37' E. Adjacent to small cultivated field. Flowers large, purple. Pods loosely coiled. Wild. Seed.
464787. JE 142. Turkey. Collected August 07, 1981. Gokdag. 3km W of Narman, Erzurum Province. 1710M. Lat. 40 deg. 20' N, Long. 41 deg. 47' E. Kayseri alfalfa. Wild. Seed.
464788. JE 144. Turkey. Collected August 07, 1981. Rocky roadside, 11km SW of Oltu, Erzurum Province. 1400M. Lat. 40 deg. 35' N, Long. 41 deg. 55' E. Flowers purple. Pods slightly small, coiled. Wild. Seed.
464789. JE 145. Turkey. Collected August 07, 1981. Steep mountainside, 25km SW of Oltu, Erzurum Province. 1670M. Lat. 40 deg. 30' N, Long. 41 deg. 46' E. Single plant, 1.0m tall. Flowers purple. Pods coiled. Wild. Seed.
464790. JE 147. Turkey. Collected August 08, 1981. Hilly rangeland, 3km SW of Askale, Erzurum Province. 1710M. Lat. 39 deg. 55' N, Long. 40 deg. 40' E. Plants ascending to 1.0m tall, highly branched. Flowers large, purple. Pods loosely coiled. Wild. Seed.
464791. JE 148. Turkey. Collected August 08, 1981. Farm, Mercan, 12km SW of Tercan, Erzincan Province. 1370M. Lat. 39 deg. 45' N, Long. 40 deg. 12' E. Plants smaller and not as coarse as Kayseri. Stands last 10 to 15 years. Primitive Cultivar. Seed.
464792. JE 152. Turkey. Collected August 08, 1981. Roadbank, 47km SW of Tercan, Erzincan Province. 1290M. Lat. 39 deg. 35' N, Long. 40 deg. E. Flowers mostly cream-colored, some purple. Pods coiled. Wild. Seed.
464793. JE 164. Turkey. Collected August 09, 1981. Field, Yurtbasi, 14km E of Refahiye, Erzincan Province. 1720M. Lat. 39 deg. 53' N, Long. 38 deg. 53' E. Kayseri alfalfa. Plants scattered in wheat field. Racemes elongated. Pods small, coiled. Wild. Seed.
464794. JE 166. Turkey. Collected August 09, 1981. Farm, Yurtbasi, 14km E of Refahiye, Erzincan Province. 1720M. Lat. 39 deg. 53' N, Long. 38 deg. 53' E. Stems fine. Stands last more than 15 years. Primitive Cultivar. Seed.

464730 TO 464799-continued

464795. JE 173. Turkey. Collected August 10, 1981. Farm, Asagi Cakmakli, 8km N of Yildizeli, Sivas Province. 1390M. Lat. 39 deg. 55' N, Long. 36 deg. 35' E. Stands last 20 years. Primitive Cultivar. Seed.
464796. JE 178. Turkey. Collected August 10, 1981. Farm, Sah Muratli, 12km SW of Sorgun, Yozgat Province. 1140M. Lat. 39 deg. 45' N, Long. 35 deg. 13' E. Primitive Cultivar. Seed.
464797. JE 181. Turkey. Collected August 11, 1981. Streambank, 18km NW of Yerkoy, Yozgat Province. 740M. Lat. 39 deg. 45' N, Long. 34 deg. 25' E. Flowers purple. Pods coiled. Wild. Seed.
464798. JE 182. Turkey. Collected August 11, 1981. Roadbank, 17km NE of Kirikkale, Ankara Province. 840M. Lat. 39 deg. 55' N, Long. 33 deg. 43' E. Flowers purple to purple variegated. Pods coiled. Wild. Seed.
464799. JE 183. Turkey. Collected August 11, 1981. Roadbank, 17km E of Elmadag, Ankara Province. 700M. Lat. 39 deg. 55' N, Long. 33 deg. 25' E. Flowers purple to variegated. Pods coiled. Wild. Seed.

464800 TO 464814. *Medicago sativa* subsp. *x varia* (Martyn) Arc.
(Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464800. JE 016. Turkey. Collected July 24, 1981. Roadside, 155km S of Sivas, Sivas Province. 1290M. Lat. 38 deg. 40' N, Long. 37 deg. 20' E. Plants ascending, 30-40cm long. Flowers purple. Pods C-shaped, making almost 1 coil. Wild. Seed.
464801. JE 020. Turkey. Collected July 25, 1981. East end of Lake Haza, 27km NW of Maden, Elazig Province. 1190M. Lat. 38 deg. 30' N, Long. 39 deg. 30' E. Plants ascending. Flowers probably purple. Pods C-shaped. Wild. Seed.
464802. JE 033. Turkey. Collected July 28, 1981. Bank, irrigation ditch, 21km S of Genc, Bingol Province. 1130M. Lat. 38 deg. 45' N, Long. 40 deg. 30' E. Plants spreading. Leaves small. Flowers purple. Pods C-shaped to loosely coiled. Wild. Seed.

464800 TO 464814-continued

464803. JE 113. Turkey. Collected August 05, 1981. Roadbank, 5km SW of Arpacay, Kars Province. 1620M. Lat. 40 deg. 45' N, Long. 43 deg. 20' E. Plants ascending, to 0.5m tall. Flowers purple. Pods C-shaped. Wild. Seed.
464804. JE 115. Turkey. Collected August 05, 1981. Rangeland, 4km NW of Arpacay, Kars Province. 1790M. Lat. 40 deg. 50' N, Long. 43 deg. 23' E. Leaves small. Flowers light to moderate purple. Pods C-shaped. Wild. Seed.
464805. JE 116. Turkey. Collected August 05, 1981. Roadside, 6km NW of Arpacay, Kars Province. 1840M. Lat. 40 deg. 54' N, Long. 43 deg. 25' E. Flower colors variable from dark purple to light yellow. Pods C-shaped. Wild. Seed.
464806. JE 119. Turkey. Collected August 05, 1981. Roadside, 18km NW of Arpacay, Kars Province. 1940M. Lat. 40 deg. 55' N, Long. 43 deg. 20' E. Plants prostrate to ascending. Flowers variegated, generally purple. Pods C-shaped. Wild. Seed.
464807. JE 120. Turkey. Collected August 05, 1981. Roadside, 18km NW of Arpacay, Kars Province. 1940M. Lat. 40 deg. 55' N, Long. 43 deg. 20' E. Single plant decumbent, highly branched. Flowers yellow-brown, among plants with variegated flower colors. Pods nearly straight. Wild. Seed.
464808. JE 125. Turkey. Collected August 06, 1981. Roadside, 14km SW of Selim, Kars Province. 1940M. Lat. 40 deg. 23' N, Long. 42 deg. 40' E. Plants ascending to 0.5m tall. Flowers small, purple. Pods C-shaped. Wild. Seed.
464809. JE 165. Turkey. Collected August 09, 1981. Field, Yurtbasi, 14km E of Refahiye, Erzincan Province. 1720M. Lat. 39 deg. 53' N, Long. 38 deg. 53' E. Plants scattered along edge of native alfalfa field, present as weedy type. Flowers variegated from purple to light yellow. Pods small, C-shaped. Wild. Seed.
464810. JE 172. Turkey. Collected August 10, 1981. Roadside, 8km E of Yildizeli, Sivas Province. 1300M. Lat. 39 deg. 53' N, Long. 36 deg. 40' E. Plants adjacent to cultivated alfalfa field. Flowers variegated. Pods C-shaped, up to one coil. Wild. Seed.
464811. JE 175. Turkey. Collected August 10, 1981. Roadside, 22km W of Yildizeli, Sivas Province. 1350M. Lat. 39 deg. 48' N, Long. 36 deg. 20' E. Plants ascending, to 0.5m tall. Flowers light purple to variegated yellow. Pods C-shaped. Wild. Seed.

464800 TO 464814-continued

464812. JE 176. Turkey. Collected August 10, 1981. Roadbank, 21km NE of Akdagmadeni, Yozgat Province. 1290M. Lat. 39 deg. 45' N, Long. 36 deg. 05' E. Flowers purple, variegated to yellow. Pods C-shaped to loosely coiled. Wild. Seed.
464813. JE 179. Turkey. Collected August 10, 1981. Roadside, 7km E of Yozgat, Yozgat Province. 1250M. Lat. 39 deg. 53' N, Long. 34 deg. 55' E. Flowers predominantly purple, a few with light yellow to variegated to white flowers. Pods C-shaped to loosely coiled (1.5 coils). Wild. Seed.
464814. JE 187. Turkey. Collected August 11, 1981. Waste ditch, 10km NW of Elmadag, Ankara Province. 1070M. Lat. 39 deg. 58' N, Long. 33 deg. 10' E. Flowers purple. Pods C-shaped to 1.5 coils. Wild. Seed.

464815 TO 464816. *Medicago truncatula* Gaertn. (Fabaceae) Barrelclover.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464815. JE 154. Turkey. Collected August 08, 1981. Steep mountainside, 22km N of Pulumur, Tunceli Province. 1300M. Lat. 39 deg. 35' N, Long. 39 deg. 55' E. Wild. Seed.
464816. JE 184. Turkey. Collected August 11, 1981. South slope, 17km E of Elmadag, Ankara Province. 700M. Lat. 39 deg. 55' N, Long. 33 deg. 25' E. Wild. Seed.

464817 TO 464819. *Onobrychis* sp. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464817. JE 008. Turkey. Collected July 22, 1981. Roadside, 12km E of Aksaray, Nigde Province. 1110M. Lat. 38 deg. 25' N, Long. 34 deg. 05' E. Wild. Seed.
464818. JE 045. Turkey. Collected July 30, 1981. Ahlat, Bitlis Province. 1600M. Lat. 38 deg. 45' N, Long. 42 deg. 30' E. Wild. Seed.
464819. JE 085. Turkey. Collected August 02, 1981. Steep

464817 TO 464819--continued

roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Pods without spines. Wild. Seed.

464820. *Sanguisorba minor* Scop. (Rosaceae) Small burnet.

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

JE 087. Turkey. Collected August 02, 1981. Steep roadbank, 20km N of Agri, Agri Province. 1750M. Lat. 39 deg. 50' N, Long. 43 deg. 10' E. Wild. Seed.

464821 TO 464827. *Trigonella* sp. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

464821. JE 029. Turkey. Collected July 28, 1981. Roadside, Lice, Diyarbakir Province. 970M. Lat. 38 deg. 30' N, Long. 40 deg. 40' E. Wild. Seed.

464822. JE 030. Turkey. Collected July 28, 1981. Roadside, Lice, Diyarbakir Province. 970M. Lat. 38 deg. 30' N, Long. 40 deg. 40' E. Wild. Seed.

464823. JE 046. Turkey. Collected July 30, 1981. Ahlat, Bitlis Province. 1600M. Lat. 38 deg. 45' N, Long. 42 deg. 30' E. Wild. Seed.

464824. JE 095. Turkey. Collected August 03, 1981. Subirrigated flatland, 14km N of Dogubayazit, Agri Province. 1430M. Lat. 39 deg. 35' N, Long. 44 deg. 05' E. Single plant to 1.5m tall. Stems and leaves large. Flowers very light yellow to white. Pods large, 4-5cm long. Possibly salt tolerant. Wild. Seed.

464825. JE 155. Turkey. Collected August 08, 1981. Steep mountainside, 22km N of Pulumur, Tunceli Province. 1300M. Lat. 39 deg. 35' N, Long. 39 deg. 55' E. Pods very long. Wild. Seed.

464826. JE 156. Turkey. Collected August 08, 1981. Steep mountainside, 22km N of Pulumur, Tunceli Province. 1300M. Lat. 39 deg. 35' N, Long. 39 deg. 55' E. Pods short. Wild.

464821 TO 464827-continued
Seed.

464827. JE 189. Turkey. Collected August 11, 1981. Steep hillside, 17km NW of Elmadag, Ankara Province. 1010M. Lat. 39 deg. 55' N, Long. 33 deg. 07' E. Wild. Seed.

464828. *Trigonella schlumbergeri* Boiss. (Fabaceae).

From Turkey. J. H. Elgin, Jr., R. H. Ratcliffe & E. Small, USDA Field Crops Laboratory & Biosystematics Research Institute, Agriculture Canada, Maryland, USA & Ontario, Canada.

Received August 1981.

JE 157. Turkey. Collected August 08, 1981. Steep mountainside, 22km N of Pulumur, Tunceli Province. 1300M. Lat. 39 deg. 35' N, Long. 39 deg. 55' E. Pods pubescent, winged, straight. Wild. Seed.

464829 TO 464836. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Bulgaria. G.A. White and N. Christova, Germplasm Resources Lab., USDA, and Institute of Plant Introduction & Genetic Resources, Beltsville, Maryland, USA, and Sadovo, Plovdiv. Received November 1981.

464829. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed red mexican type, small to medium. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464830. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed beige-brown stripe with orange hybrid ring, medium. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464831. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed beige-gray fleck pattern with orange hybrid ring, medium-small. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464832. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed beige with light brown hybrid ring, medium to medium-small. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464833. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed light beige with black stripe, large. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464834. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed yellowish with light brown hybrid ring, medium. Selected

464829 TO 464836-continued

from a single bulk sample. Cultivated. Landrace. Seed.

464835. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed two tone on extended eye pattern, maroon on white, medium-large. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464836. Bulgaria. Garden, Bozhentzi. Plants pole type. Seed mottled, light red on beige, medium-large. Selected from a single bulk sample. Cultivated. Landrace. Seed.

464837. *Hordeum vulgare* L. (Poaceae) Barley.

From France. UNISIGMA, Gie de Recherche et Selection, 60480-Froissy.
Received December 1981.

'Cabro'. Six row type. Scald resistant. Winter Annual. Cultivar. Seed.

464838 TO 464842. *Gossypium australe* F. Muell. (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

464838. JMS 9. Australia. Collected August 30, 1981. NE 0.5km of Kimbolton Homestead, Yampi Peninsula, Western Australia. Leaves and stems pubescent. Drought tolerant. Seeds wind dispersed. Perennial Woody. Wild. Seed.

464839. JMS 11. Australia. Collected August 31, 1981. Sandy roadside, 1 km W of Derby, Western Australia. Drought tolerant. Seeds wind dispersed. Local name Hibiscus. Perennial Woody. Wild. Seed.

464840. JMS 39. Australia. Collected September 21, 1981. Roadside, Stuart Hwy, 33km S of Larrimah, Northern Territory. Drought tolerant. Seeds wind dispersed. Perennial Woody. Wild. Seed.

464841. JMS 40. Australia. Collected September 21, 1981. Roadside, Stuart Hwy, 1 km S of Three-Way, Northern Territory. Drought tolerant. Seeds wind dispersed. Perennial Woody. Wild. Seed.

464842. JMS 42. Australia. Collected September 22, 1981. Roadside, Tanami Rd 8km from junction with Stuart Hwy, NE of Alice Springs. Drought tolerant. Seeds wind dispersed. Perennial Woody. Wild. Seed.

464843. *Gossypium bickii* Prokhanov (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

JMS 45. Australia. Alice Springs. Northern Territory Herbarium. 64082. Collected September 30, 1978. Supplejack Station, N.T., 40km W of Homestead. Lat. 19 deg. 18' S, Long. 129 deg. 36' W. Leaves deeply lobed. Seeds from herbarium specimen collected by T.S. Henshall 2309. Perennial Woody. Seed.

464844. *Gossypium costulatum* Todaro (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

JMS 32. Australia. Collected September 15, 1981. Cockatoo Island, N part of Yampi Sound, Western Australia. Hillside of broken sandstone. Plants in relatively deeper soil, spreading erect. Perennial Herb. Wild. Seed.

464845 TO 464848. *Gossypium hirsutum* L. (Malvaceae) Upland cotton.

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

464845. JMS 12. Australia. Collected August 31, 1981. Dry fence row, La Grange Mission on La Grange Bay, Western Australia. Collected by N. Klepacki, Agriculture Protection Board, Western Australia Department of Agriculture, Derby, WA. Drought tolerant. Perennial Woody. Wild. Seed.

464846. JMS 35. Australia. Collected September 16, 1981. Garden, State Government building, Port Hedland, Western Australia. Drought tolerant. Perennial Woody. Wild. Seed.

464847. JMS 36. Australia. Collected September 14, 1981. Cockatoo Island, Yampi Sound, Western Australia. Drought tolerant. Perennial Woody. Wild. Seed.

464848. JMS 37. Australia. Collected September 18, 1981. Smith Point, Cobourg Peninsula, Northern Territory. Drought tolerant. Perennial Woody. Wild. Seed.

464849 TO 464850. *Gossypium nelsonii* Fryxell (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil

464849 TO 464850-continued

Science, University of Tennessee, Knoxville, TN.
Received December 1981.

464849. JMS 43. Australia. Collected September 22, 1981. Painta Springs on Hamilton Downs Homestead, NW of Alice Springs, N. Terr. Plants indigenous. Plants on N slope among crevasses in large igneous rocks. Flowers cleistogamous. Perennial Woody. Wild. Seed.

464850. JMS 44. Australia. Collected September 22, 1981. Painta Springs on Hamilton Downs Homestead, NW of Alice Springs, N. Terr. Plants indigenous. Plants on N slope among crevasses in large igneous rocks. Flowers chasmogamous. Perennial Woody. Wild. Seed.

464851. *Gossypium pilosum* Fryxell (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

JMS 26. Australia. Collected September 07, 1981. N 19km of mining camp, N Mitchell Plateau, Kimberly, Western Australia. Plants spreading erect, glabrous. Lateritic soil. Perennial Herb. Wild. Seed.

464852 TO 464857. *Gossypium populifolium* (Benth.) F. Muell.
(Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

464852. JMS 13. Australia. Collected September 02, 1981. Sandy soil, 14.5km N of Mt. Elizabeth Homestead, Kimberly. Tolerant to extremes in moisture. Plants pubescent. Lignotubers present from which stems develop during the wet and die back during the dry periods. Perennial Herb. Wild. Seed.

464853. JMS 14. Australia. Collected September 02, 1981. Red soil, 32km N of Drysdale River crossing, Kimberly. Tolerant to extremes in moisture. Plants pubescent. Lignotubers present from which stems develop during the wet and die back during the dry periods. Perennial Herb. Wild. Seed.

464854. JMS 16. Australia. Collected September 03, 1981. Sandstone area, 4km NNE of Truscott Air Base, Anjo Peninsula, Kimberly. Tolerant to extremes in moisture. Plants dried, decumbent, glabrous. Lignotubers present

464852 TO 464857-continued

from which stems develop during the wet and die back during the dry periods. Perennial Herb. Wild. Seed.

464855. JMS 24. Australia. Collected September 07, 1981. Near Morgan River, Theda Station, Kimberly, Western Australia. Tolerant to extremes in moisture. Plants glabrous. Lignotubers present from which stems develop during the wet and die back during the dry periods. Peduncle articulation below middle. Perennial Herb. Wild. Seed.

464856. JMS 25. Australia. Collected September 07, 1981. Mitchell Plateau, 10km S of mining camp, Kimberly, Western Australia. Tolerant to extremes in moisture. Lignotubers present from which stems develop during the wet and die back during the dry periods. Perennial Herb. Wild. Seed.

464857. JMS 27. Australia. Collected September 08, 1981. East, 3.2km of Mitchell River Station, Kimberly, Western Australia. Tolerant to extremes in moisture. Lignotubers present from which stems develop during the wet and die back during the dry periods. Perennial Herb. Wild. Seed.

464858. *Gossypium pulchellum* (C.A. Gardner) Fryxell (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

JMS 20. Australia. Collected September 04, 1981. Sandstone outcropping, W side of Van Sittart Bay, Western Australia. Plants with multiple erect stems from the crown. Petals white, with lateral margins tinged pink, with large red spots. Pigment glands in petals large, abundant. Each locule contains only one seed. Seed rachis in freshly opened capsule enlarged, fleshy, dries and falls off after exposure. Wild. Seed.

464859 TO 464860. *Gossypium sturtianum* var. *nandewarensense* (Derera) Fryxell (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

464859. JMS 1. Australia. Collected August 18, 1981. Deriah Forest, 25.8km E of Narrabri, New South Wales. Soil sandy, with sandstone outcrops. Slope gentle, northwest side. Plants in open sun, prefer disturbed soil. Seeds collected from litter. Perennial Woody. Wild. Seed.

464859 TO 464860-continued

464860. JMS 2. Australia. Collected August 18, 1981. Deriah Forest, 25.8km E of Narrabri, New South Wales. Soil sandy, with sandstone outcrops. Slope gentle, northwest side. Plants 1.5m tall, in open sun, prefer disturbed soil. Seeds collected from litter beneath one plant. Perennial Woody. Wild. Seed.

464861 TO 464863. *Gossypium sturtianum* var. *sturtianum* J. H. Willis (Malvaceae).

From Australia. J. M. Stewart, USDA, Dept. of Plant & Soil Science, University of Tennessee, Knoxville, TN.
Received December 1981.

464861. JMS 46. Australia. Collected September 22, 1981. Yard, Alic Springs, Northern Territory. Bush about 3m tall, spreading to 4m. Flowers mauve. Perennial Woody. Cultivated. Seed.

464862. JMS 47. Australia. Collected September 23, 1981. Forestry Unit, Arid Zone Research Institute near Alice Springs, N. T. Flowers white with red center. Originally from wild plants. Local name Sturt's Desert Rose. Perennial Woody. Cultivated. Seed.

464863. JMS 48. Australia. Collected September 23, 1981. Dry water course near Corroboree Rock, E of Alice Springs. Plants adjacent to and in water course. Water course drained limestone outcrop. Plants to 1.5m tall. Seeds dispersed by water. Perennial Woody. Wild. Seed.

<i>Aegilops tauschii</i>	452130-	<i>Cenchrus ciliaris</i>	452271-
452131		452272	
<i>Aeschynomene indica</i>	458756	<i>Cicer arietinum</i>	452115-452117,
<i>Agropyron scabrum</i>	458476	458502,458611,458869-458872,	
<i>Agropyron trachycaulum</i>	452446-	462019-462024,462163-462205	
452449		<i>Cicer bijugum</i>	458550-458552
<i>Agrostis keniensis</i>	462363	<i>Cicer chorassanicum</i>	458553
<i>Allium cepa</i>	461420	<i>Cicer cuneatum</i>	458554
<i>Allium fistulosum</i>	461393-	<i>Cicer pinnatifidum</i>	458555-
461402,462342-462360		458560	
<i>Allium hybrid</i>	452126	<i>Citrullus lanatus</i>	457916,
<i>Amaranthus spinosus</i>	462371	458738-458739,459074-459075	
<i>Amaranthus tricolor</i>	462126-	<i>Coffea arabica</i>	458830-458844,
462129		459070,462377-462382	
<i>Arachis hypogaea</i>	458545,458619,	<i>Coronilla sp.</i>	464657
459085-459100,461423-461463,		<i>Cucumis hardwickii</i>	462369
462130-462133,462226-462228,		<i>Cucumis sativus</i>	458845-458856
462233,462321-462322		<i>Cucurbita andreana</i>	458652-
<i>Arachis sp.</i>	459101	458659	
<i>Armoracea rusticana</i>	458429-	<i>Cucurbita ficifolia</i>	458744
458430		<i>Cucurbita maxima</i>	458650,458660-
<i>Arrhenatherum elatius</i>	459111	458720,458740-458743	
<i>Astragalus adsurgens</i>	462310	<i>Cucurbita mixta</i>	458721-458727
<i>Astragalus americanus</i>	452450	<i>Cucurbita moschata</i>	458728-
<i>Astragalus bungeanus</i>	452134	458729,458745-458747	
<i>Astragalus cicer</i>	452451	<i>Cucurbita pepo</i>	458730-458734
<i>Astragalus flexuosus</i>	452452	<i>Cucurbita sp.</i>	458748-458750
<i>Astragalus sinicus</i>	458757	<i>Cyclanthera pedata</i>	458735
<i>Astragalus sp.</i>	452135-452137	<i>Cynodon dactylon</i>	464656
<i>Avena hybrid</i>	458777-458783	<i>Dahlia sp.</i>	458751
<i>Avena hybrida</i>	458784	<i>Daucus carota</i>	458857-458860
<i>Avena sativa</i>	458785-458820,	<i>Eleusine coracana</i>	462383-
464649-464651		463088	
<i>Bauhinia esculenta</i>	458917	<i>Elymus canadensis</i>	452454
<i>Beta vulgaris</i>	452434-452435	<i>Elymus innovatus</i>	452455
<i>Brassica campestris</i>	458931-	<i>Elymus mollis</i>	452286-452293
458933,458972-458977,458982-		<i>Eremochloa ophiuroides</i>	452430
458991		<i>Erianthus giganteus</i>	452127
<i>Brassica juncea</i>	458927-458929,	<i>Erianthus ravennae</i>	452128
458934,458942-458943,458978,		<i>Festuca sp.</i>	462364
458992-459010		<i>Fragaria virginiana</i>	452436
<i>Brassica napus</i>	458605-458610,	<i>Glycine max</i>	452432-452433,
458918-458926,458930,458935-		458018-458307,458505-458522,	
458937,458939-458941,458944-		458546,458649,458824-458829,	
458959,458964-458971,458979-		459024-459025,459072-459073,	
458980		461419,461464,461508-461510,	
<i>Brassica nigra</i>	458981,459011-	462312	
459014		<i>Glycine soja</i>	458523-458541
<i>Brassica oleracea</i>	458612,	<i>Gossypium arboreum</i>	452093-
462206-462225		452098	
<i>Brassica rapa</i>	458613-458618	<i>Gossypium australe</i>	464838-
<i>Brassica trilocularis</i>	459015-	464842	
459023		<i>Gossypium barbadense</i>	452099-
<i>Cajanus cajan</i>	459107	452100	
<i>Campanesia sp.</i>	458620	<i>Gossypium bickii</i>	464843
<i>Caragana arborescens</i>	452453	<i>Gossypium costulatum</i>	464844
<i>Cassia sp.</i>	458621	<i>Gossypium hirsutum</i>	452101-

452112, 464845-464848		459127-459137	
Gossypium nelsonii	464849-	Medicago radiata	459138-459146,
464850		464706-464707	
Gossypium pilosum	464851	Medicago rigidula	459147-
Gossypium populifolium	464852-	459198, 464708-464709	
464857		Medicago sativa	452437-452445,
Gossypium pulchellum	464858	452460-452483, 452489-452501,	
Gossypium sturtianum	464859-	458916, 464710-464814	
464863		Medicago sp.	459199-459236
Hedysarum alpinum	452456	Medicago truncatula	464815-
Hedysarum coronarium	458016,	464816	
459103-459104		Melilotus officinalis	452484
Helianthus annuus	462124-	Momordica charantia	458753
462125		Neonotonia verdcourtii	461392
Helianthus hybrid	458544	Nicotiana sp.	459106
Helianthus tuberosus	461518	Onobrychis sp.	464817-464819
Holcus lanatus	462334	Ornithopus compressus	458013
Hordeum vulgare	452125, 452261,	Ornithopus sativus	458014
452294-452422, 461465-461500,		Oryza sativa	452113, 452138-
462311, 462313, 464652-464655,		452231, 452275-452283, 452423-	
464837		452429, 457917-457920, 458431-	
Ilex crenata	452266	458475, 458477-458501, 458542-	
Ipomoea batatas	452267	458543, 458755, 458761-458776,	
Lagenaria siceraria	458736	458821-458823, 458861-458868,	
Lens culinaris	458503	458877-458913, 459026-459069,	
Leucaena leucocephala	459108-	459110, 459237-461391, 461405-	
459109, 461421-461422		461418, 461519-462018, 464585-	
Linum lewisii	452457, 452487	464638	
Lolium perenne	462335-462341	Panicum bergii	462235
Lotus collinus	464658-464659	Panicum coloratum	452273-
Lotus corniculatus	452458,	452274	
464660-464684		Panicum decipiens	462236
Lotus gebelia	464685	Panicum glabripes	462237-
Lotus tenuis	464686-464688	462238	
Lotus uliginosus	464689	Panicum miliaceum	463089-
Luffa aegyptiaca	458752	463511	
Lupinus albicaulis	452129	Panicum milioides	462239
Lupinus albus	457921-457962	Panicum pilcomayense	462240
Lupinus mutabilis	457963-	Panicum prionitis	462241
458012		Panicum sabulorum	462242
Lupinus sericeus	452488	Panicum sumatrense	463512-
Lycopersicon esculentum	458651	463845	
Lycopersicon pimpinellifolium		Paspalum dilatatum	462243-
452284, 458623		462265	
Mangifera indica	458622, 459071	Paspalum guenoarum	462266
Manihot glaziovii	461403	Paspalum indecorum	462267
Medicago lupulina	452459,	Paspalum ionanthum	462268-
464690-464691		462272	
Medicago marina	464692	Paspalum nicorae	462273
Medicago minima	459112-459115,	Paspalum notatum	462274-462277
462234, 464693-464695		Paspalum paniculatum	462278-
Medicago noeana	459116-459121	462279	
Medicago orbicularis	459122-	Paspalum pauciciliatum	462280-
459126, 464696		462281	
Medicago papillosa	464697-	Paspalum plicatulum	462282-
464705		462291	
Medicago polymorpha	458758,	Paspalum polyphyllum	462292-

462293			<i>Solanum leptophyes</i>	458334-
<i>Paspalum quadrifarium</i>	462294-		458345,458378,458398-	458399
462302			<i>Solanum lobbianum</i>	458379
<i>Paspalum rufum</i>	462303		<i>Solanum marinasense</i>	458380
<i>Paspalum scrobiculatum</i>	463846-		<i>Solanum medians</i>	458402
464156			<i>Solanum megistacrolobum</i>	458346-
<i>Paspalum urvillei</i>	462304-		458352	
462306			<i>Solanum melongena</i>	452122-
<i>Paspalum yaguaronense</i>	462307		452124,462370	
<i>Pennisetum americanum</i>	452268-		<i>Solanum microdontum</i>	458353-
452270			458358	
<i>Phaseolus acutifolius</i>	458873-		<i>Solanum oplocense</i>	458359-
458874,462025-462026			458363	
<i>Phaseolus coccineus</i>	458561-		<i>Solanum pampasense</i>	458381
458562			<i>Solanum raphanifolium</i>	458382-
<i>Phaseolus lunatus</i>	452114		458384,458406-458408	
<i>Phaseolus vulgaris</i>	458563-		<i>Solanum sparsipilum</i>	458385-
458598,458875-458876,462027,			458392	
462361,464829-464836			<i>Solanum stenotomum</i>	458393
<i>Physalis acutifolia</i>	462308-		<i>Solanum tarijense</i>	458364-
462309			458366,458394-458395	
<i>Pisum sativum</i>	458599-458602		<i>Solanum toralapanum</i>	458396-
<i>Poa leptoclada</i>	462365		458397	
<i>Pueraria phaseoloides</i>	464648		<i>Solanum tuberosum</i>	462323-
<i>Pyrus calleryana</i>	459102		462333	
<i>Raphanus sativus</i>	458914-458915		<i>Solanum venturii</i>	458367-458368
<i>Ricinus communis</i>	461404		<i>Solanum vernei</i>	458369-458374
<i>Sanguisorba minor</i>	462229,		<i>Sorghum bicolor</i>	452502-457915,
464584,464820			458648,462028-462104,462372-	
<i>Secale cereale</i>	452132-452133,		462373	
464583			<i>Sporobolus pyramidalis</i>	462367
<i>Secale vavilovii</i>	452260		<i>Stokesia laevis</i>	462122-462123
<i>Sesbania cannabina</i>	458759		<i>Trifolium alexandrinum</i>	459105
<i>Setaria italica</i>	452232-452247,		<i>Trifolium aureum</i>	452485
458624-458647,464157-464582			<i>Trifolium subterraneum</i>	458015
<i>Setaria sp.</i>	462366		<i>Trigonella schlumbergeri</i>	
<i>Setaria sphacelata</i>	462362		464828	
<i>Sicana odorifera</i>	458737,458754		<i>Trigonella sp.</i>	464821-464827
<i>Sinapis alba</i>	458938,458960-		<i>Triticum aestivum</i>	452118-
458963			452121,452262-452265,458547-	
<i>Solanum abancayense</i>	458403-		458549,461501-461507,461511-	
458404			461517,462105-462111,462134-	
<i>Solanum ambosinum</i>	458405		462162,462230-462232,462314-	
<i>Solanum canasense</i>	458375-		462320,464639-464647	
458377			<i>Vicia americana</i>	452486
<i>Solanum chacoense</i>	458308-		<i>Vicia faba</i>	458017,458504,
458316			458603-458604	
<i>Solanum commersonii</i>	458317-		<i>Vicia villosa</i>	458760
458319			<i>Vitis vinifera</i>	452072-452092
<i>Solanum fendleri</i>	458409-458422		<i>Zea diploperennis</i>	462368
<i>Solanum huancabambense</i>	458400		<i>Zea mays</i>	452248-452259,452431,
<i>Solanum inuite</i>	458401		459076-459084,462112-462121,	
<i>Solanum infundibuliforme</i>			462374-462376	
458320-458326			<i>Zinnia sp.</i>	452285
<i>Solanum jamesii</i>	458423-458428			
<i>Solanum kurtzianum</i>	458327-			
458333				

Alfalfa	452437-452445,452461-452483,452489-452501,458916,464730-464799	Eggplant	452122-452124,462370
Balsam pear	458753	European grape	452072-452092
Barley	452125,452261,452294-452422,461465-461500,462311,462313,464652-464655,464837	Field corn	452248-452259,452431,459076-459084,462112-462121,462374-462376
Barrelclover	464815-464816	Figleaf gourd	458744
Bermudagrass	464656	Finger millet	462383-463088
Berseem clover	459105	Flexile milkvetch	452452
Bird rape	458931-458933,458972-458977,458982-458991	Foxtail millet	452232-452247,458624-458647,464157-464582
Birdsfoot trefoil	452458	French honeysuckle	458016,459103-459104
Black medic	452459,464690-464691	Garden bean	458563-458598,458875-458876,462027,462361,464829-464836
Black mustard	458981,459011-459014	Garden pea	458599-458602
Bottle gourd	458736	Hairy vetch	458760
Broadbean	458017,458504,458603-458604	Hop clover	452485
Broccoli	462206-462210	Horseradish	458429-458430
Brownseed paspalum	462282-462291	Indian mustard	458927-458929,458934,458942-458943,458978,458992-459010
Brunswickgrass	462273	Japanese holly	452266
Buffelgrass	452271-452272	Jerusalem artichoke	461518
Bunching onion	461393-461402,462342-462360	Kale	458612
Buttonclover medic	459122-459126,464696	Kleingrass	452273-452274
California burclover	458758,459127-459137	Kodo	463846-464156
Callery pear	459102	Leadtree	459108-459109,461421-461422
Canada wildrye	452454	Lentil	458503
Carrot	458857-458860	Lima bean	452114
Cassabanana	458737,458754	Little burclover	459112-459115,462234,464693-464695
Castorbean	461404	Little millet	463512-463845
Cauliflower	462211-462225	Mango	458622,459071
Ceara rubber-tree	461403	Marama bean	458917
Centipede grass	452430	Milkvetch	452450
Ceylon cotton	452093-452098	Narrowleaf trefoil	464686-464688
Chickpea	452115-452117,458502,458611,458869-458872,462019-462024,462163-462205	Onion	461420
Cicer milkvetch	452451	Panicgrass	462236,462239
Coffee	458830-458844,459070,462377-462382	Peanut	458545,458619,459085-459100,461423-461463,462130-462133,462226-462228,462233,462321-462322
Common oat	458785-458820,464649-464651	Pearl millet	452268-452270
Common wheat	452118-452121,452262-452265,458547-458549,461501-461507,461511-461517,462105-462111,462134-462162,462230-462232,462314-462320,464639-464647	Perennial ryegrass	462335-462341
Cucumber	458845-458856	Pigeon pea	459107
Currant tomato	452284,458623	Plumegrass	452127
Dallisgrass	462243-462265	Potato	462323-462333
		Proso millet	463089-463511
		Radish	458914-458915
		Rape	458918-458926,458930,458935-458937,458939-458941,458944-458959,458964-458971,458979-458980

Ravenna grass	452128	Wild soybean	458523-458541
Rice	452113, 452138-452231,	Winter squash	458650, 458660-
	452275-452283, 452423-452429,		458720, 458740-458743
	457917-457920, 458431-458475,	Yellow sweetclover	452484
	458477-458501, 458542-458543,		
	458755, 458761-458776, 458821-		
	458823, 458861-458868, 458877-		
	458913, 459026-459069, 459110,		
	459239-461391, 461405-461418,		
	461519-462018, 464585-464638		
Rutabaga	458605-458610		
Rye	452132-452133, 464583		
Scarlet runner bean	458561-		
	458562		
Sea-island cotton	452099-		
	452100		
Serradella	458014		
Siberian pea-tree	452453		
Sickle-keeled lupine	452129		
Slender wheatgrass	452446-		
	452449		
Small burnet	464820		
Sorghum	452502-457915, 462028-		
	462104, 462372-462373		
Soybean	452432-452433, 458018-		
	458307, 458505-458522, 458546,		
	458649, 458824-458829, 459024-		
	459025, 459072-459073, 461419,		
	461464, 461508-461510, 462312		
Squash	458728-458729, 458745-		
	458747		
Stokes' aster	462122-462123		
Subterranean clover	458015		
Sugarbeet	452434-452435		
Sunflower	462124-462125		
Sweet potato	452267		
Sweet Sorghum	458648		
Tall oatgrass	459111		
Tepary bean	458873-458874,		
	462025-462026		
Tifton burclover	459147-459198,		
	464708-464709		
Tomato	458651		
Tropical kudzu	464648		
Turnip	458613-458618		
Upland cotton	452101-452112,		
	464845-464848		
Upland rice	459237-459238		
Vaseygrass	462304-462306		
Vegetable sponge	458752		
Velvetgrass	462334		
Virginia strawberry	452436		
Watermelon	457916, 458738-		
	458739, 459074-459075		
White lupine	457921-457962		
White mustard	458938, 458960-		
	458963		