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Plant Inventory No. 188, Part II

Plant Material Introduced
July 1 to December 31, 1980
(Nos. 443014 to 452071)

PROCUREMENT SECTION
CURRENT SERIAL RECORDS

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Plant Inventory No. 188 is divided into two parts that encompass PI's 436991 - 452071 for calendar year 1980. Questions about data organization and proper plant identification should be directed to the author. This inventory is a historical record of accessioned plant germplasm; it is not a listing of plant material for distribution.

Appreciation is expressed to the following persons associated with the Plant Introduction Office for their significant contributions to Plant Inventory No. 188: L. G. Garner and R. A. Norris for excellence in maintaining the PI master file integrity, data input, and output review; S. Drexler for organizing data and associated plant materials and verifying plant nomenclature; and S. Kenworthy for coordinating PI and associated records and correspondence. The efforts of J. Mowder, Communications and Data Services Division, also contributed to the highly successful and efficient operation of the PI computer system during 1980.

George A. White, agriculturalist
Beltsville Agricultural Research Center
Beltsville, Maryland 20705

443014. *Chamaecyparis lawsoniana* (Murray) Parl. (Cupressaceae).

From Norway. Donated by E. Hansen, Statens Gartnerskole
Domnesmoen, Grimstad.
Received June 1980.

Domnesmoen. Collected 1978. Female parent 'Triomf van
Boskoop'. Male parent 'Glauca'. Used for hedge. Perennial
woody. Cultivated. Seed.

443015. *Brassica napus* L. (Brassicaceae) Rutabaga.

From Norway. Donated by D.W. Bradshaw, Department of
Horticulture, Clemson University, Clemson, South
Carolina. Received through J. Melen, O. Vargvei
29, Husvikasen, Tonsberg.
Received June 1978.

'Gry'. Norway. Grimstad. Grimstadfro A/S Seed Company.
954. Clubroot resistance. Cultivated. Seed.

443016 TO 443019. *Brassica oleracea* var. *capitata* L. (Brassicaceae)
Cabbage.

From Norway. Donated by D.W. Bradshaw, Department of
Horticulture, Clemson University, Clemson, South
Carolina. Received through J. Melen, O. Vargvei
29, Husvikasen, Tonsberg.
Received June 1978.

443016. Jatunsalget sommerkal. Norway. Grimstad. Grimstadfro A/S
Seed Company. 770. Early summer type. Cultivated. Seed.

443017. Ladi. Norway. Grimstad. Grimstadfro A/S Seed Company.
747. Landvik Research Station. Plants very early, small.
Cultivated. Landrace. Seed.

443018. 'Prym'. Norway. Grimstad. Grimstadfro A/S Seed Company.
Selection from Horticulture School of Domnesmoen. Plants
remain green over long period. Cultivated. Seed.

443019. 'Resista'. Norway. Grimstad. Grimstadfro A/S Seed
Company. 782. Plants of intermediate maturity. Heads very
large. Clubroot resistant. Cultivated. Seed.

443020 TO 443021. *Brassica oleracea* var. *botrytis* L. (Brassicaceae)
Cauliflower.

From Norway. Donated by D.W. Bradshaw, Department of
Horticulture, Clemson University, Clemson, South
Carolina. Received through J. Melen, O. Vargvei

443020 TO 443021-continued
29, Husvikasen, Tonsberg.
Received June 1978.

443020. 'Erfurter tidlig'. Norway. Lyngdal. Torgersens Fro A/S.
Cultivated. Seed.

443021. 'Stor dansk'. Norway. Lyngdal. Torgersens Fro A/S.
Cultivated. Seed.

443022. *Brassica oleracea* var. *botrytis* L. (Brassicaceae) Broccoli.

From Norway. Donated by D.W. Bradshaw, Department of
Horticulture, Clemson University, Clemson, South
Carolina. Received through J. Helen, O. Vargvei
29, Husvikasen, Tonsberg.
Received June 1978.

Norway. Lyngdal. Torgersens Fro A/S. Cultivated. Seed.

443023 TO 443024. *Brassica rapa* L. (Brassicaceae) Turnip.

From Norway. Donated by D.W. Bradshaw, Department of
Horticulture, Clemson University, Clemson, South
Carolina. Received through J. Helen, O. Vargvei
29, Husvikasen, Tonsberg.
Received June 1978.

443023. 'Poll' Elite E. Norway. Grimstad. Grimstadfro A/S Seed
Company. Grimstad area. Used as source of fodder or
silage. Cultivated. Landrace. Seed.

443024. 'Hvit Mai' Hellerud. Norway. Grimstad. Grimstadfro A/S
Seed Company. Cultivated. Seed.

443025. *Cyamopsis tetragonoloba* (L.) Taub. (Fabaceae) Guar.

From India. Donated by D. N. Sen, Laboratory of Plant Ecology,
Botany Department, University of Jodhpur, Jodhpur. Received
through R.N. Anderson, Plant Science Res. Unit, USDA, Univ.
of Minnesota, St. Paul.
Received April 1980.

Collected November 1979. Dry, hot climate, sandy habitat.
Jodhpur region. Wild. Seed.

443026. *Vigna* sp. (Fabaceae).

From India. Donated by D. N. Sen, Laboratory of Plant Ecology,
Botany Department, University of Jodhpur, Jodhpur. Received

443026-continued

through R.N.Anderson, Plant Science Res. Unit, USDA, Univ.
of Minnesota, St. Paul.
Received April 1980.

Collected November 1978. Dry, hot climate, sandy habitat.
Jodhpur region. Received as *P. trilobus*. Wild. Seed.

443027. *Sesamum mulayanum* Nair (Pedaliaceae).

From India. Donated by D. N. Sen, Laboratory of Plant Ecology,
Botany Department, University of Jodhpur, Jodhpur. Received
through R.N.Anderson, Plant Science Res. Unit, USDA, Univ.
of Minnesota, St. Paul.
Received April 1980.

Collected October 1979. Dry hot climate, sandy habitat.
Jodhpur region. Wild. Seed.

443028 TO 443033. *Arachis hypogaea* L. (Fabaceae) Peanut.

From Upper Volta. Donated by Agricultural Human Resources
Development Project, USAID, Ouagadougou.
Received June 1980.

443028. KH 149 A. Early maturity. Cultivated. Seed.

443029. RH 241 D. Early maturity. Cultivated. Seed.

443030. RMP 12. Late maturity, 150 days. Cultivated. Seed.

443031. RMP 87. Late maturity, 150 days. Cultivated. Seed.

443032. RMP 91. Late maturity, 150 days. Cultivated. Seed.

443033. Te 3. Early maturity. Cultivated. Seed.

443034 TO 443051. *Agrostis gigantea* Roth (Poaceae) Redtop.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443034. NY 948. United States. St. Louis, Missouri. Manglesdorf
Seed Co. J-5196. Perennial herb. Wild. Seed.

443035. NY 5301. Fairfield Co., Connecticut. Collected by F.
Gaffney. Perennial herb. Wild. Seed.

443036. NY 5303. Collected July 1975. Fairfield Co., Connecticut.

443034 TO 443051-continued

Collected by F. Gaffney. Perennial herb. Wild. Seed.

443037. NY 5321. Collected August 1975. Orleans Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443038. NY 5323. Collected August 1975. Orleans Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443039. NY 5332. Collected August 1975. Tompkins Co., New York.
Collected by J. Carlson. Perennial herb. Wild. Seed.
443040. NY 5333. Collected August 1975. Chemung Co., New York.
Collected by J. Carlson. Perennial herb. Wild. Seed.
443041. NY 5337. Collected August 1975. Onondaga Co., New York.
Collected by F. Gaffney. Perennial herb. Wild. Seed.
443042. NY 5378. Perennial herb. Wild. Seed.
443043. NY 5379. Collected September 1975. New Haven Co.,
Connecticut. Collected by F. Gaffney. Perennial herb.
Wild. Seed.
443044. NY 5380. Connecticut. Collected by F. Gaffney. Perennial
herb. Wild. Seed.
443045. NY 5394. Collected July 1975. Ontario Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443046. NY 5395. Allegany Co., New York. Collected by J. Carlson.
Perennial herb. Wild. Seed.
443047. NY 5396. Steuben Co., New York. Collected by J. Carlson.
Perennial herb. Wild. Seed.
443048. NY 5406. Collected September 1975. Grafton Co., New
Hampshire. Collected by J. Carlson. Perennial herb. Wild.
Seed.
443049. NY 5859. Collected September 1977. Harrison Co., West
Virginia. Collected by R. Williamson. Perennial herb.
Wild. Seed.
443050. NY 5877. Perennial herb. Cultivated. Seed.
443051. NY 5886. Collected August 1976. Hamilton Co., New York.
Collected by U.J. Krawiecki. Perennial herb. Wild. Seed.

443052. *Alnus rugosa* (Du Roi) Spreng. (Betulaceae) Hazel alder.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big

443052-continued
Flats, New York.
Received May 1980.

NY 5612. Pennsylvania. Received from Pennsylvania Game
Commission. Perennial woody. Wild. Cuttings.

443053. *Apocynum* sp. (Apocynaceae) Dogbane.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5868. Carbon Co., Pennsylvania. Collected by L.
Edminster. Perennial herb. Wild. Seed.

443054. *Armeria maritima* (Mill.) Willd. (Plumbaginaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5973. Collected July 1978. Chemung Co., New York.
Collected by M. Testerman. Perennial herb. Cultivated.
Seed.

443055 TO 443072. *Asclepias tuberosa* L. (Asclepiadaceae) Butterflyweed.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443055. NY 5233. United States. Methuen, Massachusetts. Leslies
Wild Flower Nursery. Perennial herb. Cultivated. Seed.

443056. NY 5358. Collected September 1975. Onondaga Co., New
York. Collected by W. Oaks. Perennial herb. Wild. Seed.

443057. NY 5359. Collected September 1975. Onondaga Co., New
York. Collected by W. Oaks. Perennial herb. Wild. Seed.

443058. NY 5360. Onondaga Co., New York. Collected by W. Oaks.
Perennial herb. Wild. Seed.

443059. NY 5783. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443060. NY 5784. Collected October 1976. Saratoga Co., New York.

443055 TO 443072-continued

- Collected by W. Oaks. Perennial herb. Wild. Seed.
443061. NY 5785. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443062. NY 5787. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443063. NY 5788. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443064. NY 5789. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443065. NY 5790. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443066. NY 5791. Allegheny Co., Pennsylvania. Collected by W.
Oaks. Perennial herb. Wild. Seed.
443067. NY 5857. Collected September 1977. New York. Collected
by F. Gaffney. Perennial herb. Wild. Seed.
443068. NY 5858. Collected September 1979. Monroe Co., New York.
Collected by F. Gaffney. Perennial herb. Wild. Seed.
443069. NY 5862. Collected October 1975. Onondaga Co., New York.
Perennial herb. Wild. Seed.
443070. NY 5881. Composite sample of NY-5358, 5359, & 5360.
Perennial herb. Wild. Seed.
443071. NY 5909. United States. Brewster, New York. Herbst
Brothers Seed Co. Perennial herb. Cultivated. Seed.
443072. NY 5940. Onondaga Co., New York. Collected by F. Gaffney.
Perennial herb. Wild. Seed.

443073 TO 443122. *Aster novae-angliae* L. (Asteraceae) New England
Aster.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443073. NY 5239. Collected March 1973. Lancaster Co., Nebraska.
Perennial herb. Wild. Seed.
443074. NY 5409. Collected October 1975. Steuben Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443073 TO 443122-continued

443075. NY 5416. Collected November 1975. Chemung Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443076. NY 5418. Collected November 1975. Chemung Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443077. NY 5420. Collected November 1975. Chemung Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443078. NY 5422. Collected November 1975. Chemung Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443079. NY 5424. Collected November 1975. Cortland Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443080. NY 5426. Collected November 1975. Chemung Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443081. NY 5428. Collected November 1975. Tompkins Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443082. NY 5430. Collected November 1975. Steuben Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443083. NY 5432. Collected November 1975. Steuben Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443084. NY 5434. Collected November 1975. Steuben Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443085. NY 5436. Collected November 1975. Steuben Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443086. NY 5451. Collected November 1975. Cayuga Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443087. NY 5452. Collected November 1975. Steuben Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443088. NY 5454. Collected November 1975. Cayuga Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443089. NY 5456. Collected November 1975. Cayuga Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443090. NY 5458. Collected November 1975. Wayne Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443091. NY 5460. Collected November 1975. Ontario Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443092. NY 5462. Collected November 1975. Wayne Co., New York.

443073 TO 443122-continued

- Collected by Kick. Perennial herb. Wild. Seed.
443093. NY 5464. Collected November 1975. Yates Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443094. NY 5466. Collected November 1975. Ontario Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443095. NY 5470. Collected November 1975. Cortland Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443096. NY 5737. Collected October 1976. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443097. NY 5744. Collected November 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443098. NY 5745. Collected November 1976. Addison Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443099. NY 5746. Collected November 1976. Chittenden Co.,
Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443100. NY 5747. Collected November 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443101. NY 5748. Collected November 1976. Addison Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443102. NY 5749. Collected November 1976. Chittenden Co.,
Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443103. NY 5750. Collected November 1976. Addison Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443104. NY 5751. Collected November 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443105. NY 5752. Collected November 1976. Chittenden Co.,
Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443106. NY 5753. Collected November 1976. Chittenden Co.,
Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443107. NY 5754. Collected November 1976. Chittenden Co.,
Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443108. NY 5755. Collected November 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443109. NY 5756. Collected November 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443073 TO 443122-continued

443110. NY 5757. Collected November 1976. Chittenden Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443111. NY 5758. Collected November 1976. Addison Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443112. NY 5759. Collected November 1976. Addison Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443113. NY 5760. Collected October 1976. Rutland Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443114. NY 5761. Collected October 1976. Rutland Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443115. NY 5878. Perennial herb. Wild. Seed.
443116. NY 5888. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443117. NY 5890. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443118. NY 5891. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443119. NY 5912. Chemung Co., New York. Perennial herb. Wild. Seed.
443120. NY 5913. Chemung Co., New York. Collected by E. Maynard. Perennial herb. Wild. Seed.
443121. NY 5967. Collected November 1978. Chemung Co., New York. Collected by M. Testerman. Perennial herb. Wild. Seed.
443122. NY 5968. Collected November 1978. Chemung Co., New York. Collected by M. Testerman. Perennial herb. Wild. Seed.

443123. *Baptisia australis* (L.) R. Br. (Fabaceae) Blue wild-indigo.

From United States. Held by Big Flats Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.
Received May 1980.

NY 4780. Collected August 1967. Centre Co., Pennsylvania. Collected by C. Heiney. Perennial herb. Wild. Seed.

443124. *Berberis koreana* Palibin (Berberidaceae).

From United States. Held by Big Flats Plant Materials Center,

443124-continued

Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 4773. Collected October 1967. Coos Co., New Hampshire.
Collected by E. Hutchinson. Perennial woody. Wild. Seed.

443125. *Cephalanthus occidentalis* L. (Rubiaceae) Buttonbush.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5962. Collected November 1978. Cumberland Co.,
Pennsylvania. Collected by K. Hinman. Perennial woody.
Wild. Seed.

**443126 TO 443206. *Chrysanthemum leucanthemum* L. (Asteraceae) Oxeye
Daisy.**

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443126. NY 5276. Collected July 1975. New York. Collected by J.
Carlson. Perennial herb. Wild. Seed.

443127. NY 5279. Collected July 1975. Cortland Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443128. NY 5282. Collected July 1975. Collected by W. Oaks.
Perennial herb. Wild. Seed.

443129. NY 5285. Collected July 1975. Chemung Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443130. NY 5289. Collected July 1975. Allegany Co., New York.
Collected by J. Carlson. Perennial herb. Wild. Seed.

443131. NY 5291. Collected July 1975. Yates Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443132. NY 5297. Collected July 1975. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443133. NY 5309. Collected August 1975. Steuben Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443134. NY 5393. Collected June 1975. Tompkins Co., New York.

443126 TO 443206-continued

- Collected by W. Oaks. Perennial herb. Wild. Seed.
443135. NY 5505. United States. El Monte, California.
Environmental Seed Producers. Perennial herb. Cultivated.
Seed.
443136. NY 5678. Collected July 1976. Fairfield Co., Connecticut.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443137. NY 5679. Collected July 1976. Cambria Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443138. NY 5680. Collected July 1976. York Co., Maine. Collected
by W. Oaks. Perennial herb. Wild. Seed.
443139. NY 5681. Collected July 1976. Merrimack Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443140. NY 5682. Collected August 1976. Lycoming Co.,
Pennsylvania. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443141. NY 5683. Collected July 1976. Merrimack Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443142. NY 5684. Collected July 1976. Blair Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443143. NY 5685. Collected July 1976. Merrimack Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443144. NY 5686. Collected July 1976. Somerset Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443145. NY 5687. Collected July 1976. Clearfield Co.,
Pennsylvania. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443146. NY 5688. Collected July 1976. Chenango Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443147. NY 5689. Collected July 1976. Otsego Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443148. NY 5690. Collected July 1976. Fairfield Co., Connecticut.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443149. NY 5691. Collected July 1976. Sullivan Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.

443126 TO 443206-continued

443150. NY 5692. Collected August 1976. Tioga Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443151. NY 5693. Collected July 1976. Sullivan Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443152. NY 5694. Collected July 1976. Westmoreland Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443153. NY 5695. Collected July 1976. Blair Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443154. NY 5696. Collected July 1976. Chenango Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443155. NY 5697. Collected July 1976. Blair Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443156. NY 5698. Collected July 1976. Windham Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443157. NY 5699. Collected July 1976. Putnam Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443158. NY 5700. Collected July 1976. Hartford Co., Connecticut. Collected by W. Oaks. Perennial herb. Wild. Seed.
443159. NY 5701. Collected July 1976. Otsego Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443160. NY 5702. Collected July 1976. Otsego Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443161. NY 5703. Collected July 1976. Strafford Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443162. NY 5704. Collected July 1976. Sullivan Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443163. NY 5705. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443164. NY 5706. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443165. NY 5707. Collected July 1976. Merrimack Co., New

443126 TO 443206-continued

- Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443166. NY 5708. Collected July 1976. Cambria Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443167. NY 5709. Collected July 1976. Otsego Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443168. NY 5710. Collected July 1976. Chenango Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443169. NY 5711. Collected July 1976. Otsego Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443170. NY 5712. Collected July 1976. Windham Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443171. NY 5713. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443172. NY 5714. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443173. NY 5715. Collected July 1976. Sullivan Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443174. NY 5716. Collected July 1976. Delaware Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443175. NY 5717. Collected July 1976. Blair Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443176. NY 5718. Collected July 1976. Blair Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443177. NY 5719. Collected July 1976. Windham Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443178. NY 5720. Collected July 1976. Rockingham Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443179. NY 5721. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443180. NY 5722. Collected July 1976. York Co., Maine. Collected by W. Oaks. Perennial herb. Wild. Seed.

443126 TO 443206-continued

443181. NY 5723. Collected July 1976. Sullivan Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443182. NY 5724. Collected July 1976. Windham Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443183. NY 5725. Collected July 1976. Rockingham Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443184. NY 5726. Collected July 1976. Centre Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443185. NY 5727. Collected July 1976. Centre Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443186. NY 5728. Collected July 1976. York Co., Maine. Collected by W. Oaks. Perennial herb. Wild. Seed.
443187. NY 5729. Collected July 1976. Otsego Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443188. NY 5730. Collected July 1976. Windham Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443189. NY 5731. Collected July 1976. Windsor Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443190. NY 5732. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443191. NY 5733. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443192. NY 5734. Collected August 1976. Lycoming Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443193. NY 5735. Collected July 1976. Merrimack Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443194. NY 5736. Collected August 1976. Tioga Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443195. NY 5738. Collected July 1976. Windham Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443196. NY 5739. Collected July 1976. Otsego Co., New York.

443126 TO 443206-continued

Collected by W. Oaks. Perennial herb. Wild. Seed.

443197. NY 5740. Collected September 1976. Bennington Co., Vermont. Collected by W. Oaks. Perennial herb. Wild. Seed.
443198. NY 5741. Collected July 1976. Rockingham Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443199. NY 5742. Collected July 1976. Sullivan Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443200. NY 5743. Collected July 1976. Sullivan Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443201. NY 5773. Collected July 1976. Blair Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443202. NY 5847. Rockingham Co., New Hampshire. Collected by W. Oaks. Perennial herb. Wild. Seed.
443203. NY 5848. Collected July 1976. Cambria Co., Pennsylvania. Collected by W. Oaks. Perennial herb. Wild. Seed.
443204. NY 5885. Perennial herb. Wild. Seed.
443205. NY 5907. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443206. NY 5963. Collected July 1978. Chenango Co., New York. Collected by M. Testerman. Perennial herb. Wild. Seed.

443207 TO 443226. *Cornus amomum* Mill. (Cornaceae) Silky Dogwood.

From United States. Held by Big Flats Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.

Received May 1980.

443207. NY 5613. Perennial woody. Wild. Cuttings.
443208. NY 5616. Cayuga Co., New York. Collected by F. Gaffney. Perennial woody. Wild. Cuttings.
443209. NY 5617. Cayuga Co., New York. Collected by F. Gaffney. Perennial woody. Wild. Cuttings.
443210. NY 5619. Wyoming Co., Pennsylvania. Collected by C. Sharp. Perennial woody. Wild. Cuttings.

443207 TO 443226-continued

- 443211. NY 5620. Bradford Co., Pennsylvania. Collected by C. Sharp. Perennial woody. Wild. Cuttings.
- 443212. NY 5622. New London Co., Connecticut. Perennial woody. Wild. Cuttings.
- 443213. NY 5623. Collected by C. Sharp. Perennial woody. Wild. Cuttings.
- 443214. NY 5625. Jefferson Co., Pennsylvania. Collected by M. Testerman. Perennial woody. Wild. Cuttings.
- 443215. NY 5626. Indiana Co., Pennsylvania. Perennial woody. Wild. Cuttings.
- 443216. NY 5630. Chester Co., Pennsylvania. Perennial woody. Wild. Cuttings.
- 443217. NY 5824. Perennial woody. Wild. Cuttings.
- 443218. NY 5830. West Virginia. Perennial woody. Wild. Cuttings.
- 443219. NY 5831. West Virginia. Perennial woody. Wild. Cuttings.
- 443220. NY 5832. West Virginia. Perennial woody. Wild. Cuttings.
- 443221. NY 5834. West Virginia. Perennial woody. Wild. Cuttings.
- 443222. NY 5835. West Virginia. Perennial woody. Wild. Cuttings.
- 443223. NY 5836. West Virginia. Perennial woody. Wild. Cuttings.
- 443224. NY 5837. West Virginia. Perennial woody. Wild. Cuttings.
- 443225. NY 5838. West Virginia. Perennial woody. Wild. Cuttings.
- 443226. NY 5911. Collected February 1978. Perennial woody. Wild. Cuttings.

443227 TO 443265. *Cornus stolonifera* Michx. (Cornaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

- 443227. NY 3128. Montgomery Co., Kansas. Perennial woody. Wild. Plants.
- 443228. NY 5200. Pennsylvania. Perennial woody. Wild. Cuttings.

443227 TO 443265-continued

443229. NY 5214. Steuben Co., New York. Perennial woody. Wild. Cuttings.
443230. NY 5411. Collected March 1976. Chemung Co., New York. Perennial woody. Wild. Cuttings.
443231. NY 5492. Perennial woody. Wild. Cuttings.
443232. NY 5493. Perennial woody. Wild. Cuttings.
443233. NY 5494. Perennial woody. Wild. Cuttings.
443234. NY 5495. Perennial woody. Wild. Cuttings.
443235. NY 5496. Perennial woody. Wild. Cuttings.
443236. NY 5497. Perennial woody. Wild. Cuttings.
443237. NY 5614. Clinton Co., Pennsylvania. Perennial woody. Wild. Cuttings.
443238. NY 5615. Tioga Co., Pennsylvania. Collected by M. Testerman. Perennial woody. Wild. Cuttings.
443239. NY 5618. Cayuga Co., New York. Collected by F. Gaffney. Perennial woody. Wild. Cuttings.
443240. NY 5621. Fulton Co., New York. Collected by F. Gaffney. Perennial woody. Wild. Cuttings.
443241. NY 5624. Tioga Co., Pennsylvania. Collected by M. Testerman. Perennial woody. Wild. Cuttings.
443242. NY 5627. Tioga Co., Pennsylvania. Perennial woody. Wild. Cuttings.
443243. NY 5628. Pennsylvania. Perennial woody. Wild. Cuttings.
443244. NY 5629. Cayuga Co., New York. Perennial woody. Wild. Cuttings.
443245. NY 5631. Washington Co., Vermont. Perennial woody. Wild. Cuttings.
443246. NY 5818. Lycoming Co., Pennsylvania. Perennial woody. Wild. Cuttings.
443247. NY 5819. Collected March 1977. Vermont. Collected by McClay. Perennial woody. Wild. Cuttings.
443248. NY 5820. Vermont. Collected by McClay. Perennial woody. Wild. Cuttings.

443227 TO 443265-continued

- 443249. NY 5821. Monongalia Co., West Virginia. Perennial woody. Wild. Cuttings.
- 443250. NY 5822. Monongalia Co., West Virginia. Perennial woody. Wild. Cuttings.
- 443251. NY 5823. Monongalia Co., West Virginia. Perennial woody. Wild. Cuttings.
- 443252. NY 5827. Massachusetts. Perennial woody. Wild. Cuttings.
- 443253. NY 5828. Aroostook Co., Maine. Perennial woody. Wild. Cuttings.
- 443254. NY 5829. Aroostook Co., Maine. Perennial woody. Wild. Cuttings.
- 443255. NY 5833. Perennial woody. Wild. Cuttings.
- 443256. NY 5839. Vermont. Collected by Bennett. Perennial woody. Wild. Cuttings.
- 443257. NY 5840. Chemung Co., New York. Collected by F. Gaffney. Perennial woody. Wild. Cuttings.
- 443258. NY 5841. Washington Co., Vermont. Collected by McClay. Perennial woody. Wild. Cuttings.
- 443259. NY 5842. Lewis Co., New York. Perennial woody. Wild. Cuttings.
- 443260. NY 5843. Essex Co., New York. Collected by Wild. Perennial woody. Wild. Cuttings.
- 443261. NY 5844. Coos Co., New Hampshire. Collected by Allan. Perennial woody. Wild. Cuttings.
- 443262. NY 5845. Aroostook Co., Maine. Collected by Roy. Perennial woody. Wild. Cuttings.
- 443263. NY 5846. Perennial woody. Wild. Cuttings.
- 443264. NY 5942. United States. Washington, D.C. U.S. National Arboretum. St. Louis Co., Minnesota. Perennial woody. Wild. Seed.
- 443265. NY 5943. United States. Washington, D.C. U.S. National Arboretum. Flathead Co., Montana. Perennial woody. Wild. Seed.

443266 TO 443267. *Cornus* sp. (Cornaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443266. NY 4772. Coos Co., New Hampshire. Perennial woody. Wild.
Cuttings.

443267. NY 5611. Lockeford, California. Perennial woody. Wild.
Cuttings.

443268. *Coronilla varia* L. (Fabaceae) Crownvetch.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 669. Chemung. New York. Perennial herb. Cultivated.
Seed.

443269. *Cynodon dactylon* (L.) Pers. (Poaceae) Bermudagrass.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5006. Collected August 1970. Onondaga Co., New York.
Collected by J. McWilliams. Very cold tolerant. Perennial
herb. Wild. Rhizomes.

443270. *Dactylis glomerata* L. (Poaceae) Orchardgrass.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5852. Garfield Co., West Virginia. Collected by R.
Williamson. Perennial herb. Wild. Seed.

443271. *Danthonia spicata* (L.) Beauv. ex Roem. & Schult. (Poaceae)
Poverty Oatgrass.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.

443271-continued
Received May 1980.

NY 5910. New York. Perennial herb. Wild. Seed.

443272 TO 443300. *Hesperis matronalis* L. (Brassicaceae) Dame's-Rocket.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.

Received May 1980.

443272. NY 5209. Collected August 1974. Chemung Co., New York.
Collected by S. Dronen. Perennial herb. Wild. Seed.
443273. NY 5210. Collected August 1974. Steuben Co., New York.
Collected by S. Dronen. Perennial herb. Wild. Seed.
443274. NY 5377. Collected August 1975. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443275. NY 5397. Collected August 1975. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443276. NY 5398. Collected July 1975. Cortland Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443277. NY 5399. Collected August 1975. Steuben Co., New York.
Collected by Rice. Perennial herb. Wild. Seed.
443278. NY 5412. Perennial herb. Wild. Seed.
443279. NY 5516. United States. El Monte, California.
Environmental Seed Producers. Perennial herb. Wild. Seed.
443280. NY 5762. Collected July 1976. Cambria Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443281. NY 5763. Collected July 1976. Centre Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443282. NY 5764. Collected July 1976. Blair Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443283. NY 5765. Collected July 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443284. NY 5766. Collected July 1976. Clinton Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443285. NY 5767. Collected August 1976. Blair Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443272 TO 443300-continued

443286. NY 5768. Collected August 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443287. NY 5769. Collected August 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443288. NY 5770. Collected August 1976. Blair Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443289. NY 5771. Collected August 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443290. NY 5772. Collected July 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443291. NY 5774. Collected August 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443292. NY 5775. Collected July 1976. Blair Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443293. NY 5776. Collected August 1976. Centre Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443294. NY 5777. Collected August 1976. Clinton Co.,
Pennsylvania. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443295. NY 5778. Collected August 1976. Centre Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443296. NY 5779. Collected August 1976. Clinton Co.,
Pennsylvania. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443297. NY 5780. Collected August 1976. Centre Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443298. NY 5781. Collected August 1976. Lycoming Co.,
Pennsylvania. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443299. NY 5782. Collected August 1976. Tioga Co., Pennsylvania.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443300. NY 5966. Collected July 1978. Chemung Co., New York.
Collected by M. Testerman. Perennial herb. Wild. Seed.

443301 TO 443302. *Ilex verticillata* (L.) Gray (Aquifoliaceae) Common
winterberry.

From United States. Held by Big Flats Plant Materials Center,

443301 TO 443302-continued

Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.

Received May 1980.

443301. NY 5959. Collected October 1978. Carbon Co., Pennsylvania. Collected by C. Heiney. Perennial woody. Wild. Seed.

443302. NY 5960. Collected October 1978. Crawford Co., Pennsylvania. Collected by K. Hinman. Perennial woody. Wild. Seed.

443303. *Kniphofia uvaria* (L.) Hook. (Liliaceae) Common Torchlily.

From United States. Held by Big Flats Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.

Received May 1980.

NY 5887. United States. Brewster, New York. Herbst Brothers Seedsmen Inc. Perennial herb. Cultivated. Seed.

443304 TO 443312. *Lathyrus latifolius* L. (Fabaceae) Perennial peavine.

From United States. Held by Big Flats Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.

Received May 1980.

443304. NY 5136. Collected August 1971. Cortland Co., New York. Collected by R. Sherman. Perennial herb. Wild. Seed.

443305. NY 5366. Collected September 1975. Ontario Co., New York. Collected by J. Carlson. Perennial herb. Wild. Seed.

443306. NY 5367. Collected September 1975. Yates Co., New York. Collected by J. Carlson. Perennial herb. Wild. Seed.

443307. NY 5386. Collected September 1975. Cortland Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.

443308. NY 5449. Collected 1974. Steuben Co., New York. Collected by S. Dronen. Perennial herb. Wild. Seed.

443309. NY 5518. United States. El Monte, California. Environmental Seed Producers. Perennial herb. Wild. Seed.

443310. NY 5880. Perennial herb. Wild. Seed.

443311. NY 5908. France. Perennial herb. Wild. Seed.

443304 TO 443312-continued

443312. NY 5969. Collected August 1978. Chemung Co., New York.
Collected by M. Testerman. Perennial herb. Wild. Seed.

443313 TO 443314. *Lotus corniculatus* L. (Fabaceae) Birdsfoot trefoil.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443313. NY 5971. Collected July 1978. Chemung Co., New York.
Collected by M. Testerman. Perennial herb. Wild. Seed.

443314. NY 5972. Collected July 1978. Chemung Co., New York.
Collected by M. Testerman. Perennial herb. Wild. Seed.

443315. *Lotus tenuis* Waldst. & Kit. ex Willd. (Fabaceae) Narrowleaf
trefoil.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 811. Collected February 1952. Garrett Co., Maryland.
Collected by J. Ruffner. Perennial herb. Wild. Seed.

443316 TO 443331. *Lotus uliginosus* Schkuhr (Fabaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443316. NY 5473. United States. Portland, Oregon. North Coast
Seed Co. Perennial herb. Cultivated. Seed.

443317. NY 5944. Perennial herb. Wild. Seed.

443318. NY 5945. Perennial herb. Wild. Seed.

443319. NY 5946. Perennial herb. Wild. Seed.

443320. NY 5947. Perennial herb. Wild. Seed.

443321. NY 5948. Perennial herb. Wild. Seed.

443322. NY 5949. Perennial herb. Wild. Seed.

443316 TO 443331-continued

- 443323. NY 5950. Perennial herb. Wild. Seed.
- 443324. NY 5951. Perennial herb. Wild. Seed.
- 443325. NY 5952. Perennial herb. Wild. Seed.
- 443326. NY 5953. Perennial herb. Wild. Seed.
- 443327. NY 5954. Perennial herb. Wild. Seed.
- 443328. NY 5955. Perennial herb. Wild. Seed.
- 443329. NY 5956. Perennial herb. Wild. Seed.
- 443330. NY 5957. Perennial herb. Wild. Seed.
- 443331. NY 5958. Perennial herb. Wild. Seed.

443332. *Lupinus perennis* L. (Fabaceae) Sun-Dial Lupine.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5970. Collected August 1978. New Hampshire. Collected
by F. Gaffney. Perennial herb. Wild. Seed.

443333. *Malva alcea* L. (Malvaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5311. Collected August 1975. Oneida Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443334 TO 443357. *Malva moschata* L. (Malvaceae) Musk mallow.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443334. NY 5272. Collected July 1974. Chemung Co., New York.
Collected by S. Dronen. Perennial herb. Wild. Seed.

443335. NY 5273. Collected July 1974. Chemung Co., New York.

443334 TO 443357-continued

- Collected by S. Dronen. Perennial herb. Wild. Seed.
443336. NY 5280. Collected July 1975. Cortland Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443337. NY 5310. Collected August 1975. Steuben Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443338. NY 5390. Collected August 1975. Steuben Co., New York.
Collected by Rice. Perennial herb. Wild. Seed.
443339. NY 5413. Collected January 1976. Perennial herb. Wild.
Seed.
443340. NY 5793. Collected July 1976. Otsego Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443341. NY 5794. Collected July 1976. Otsego Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443342. NY 5795. Collected July 1976. Otsego Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443343. NY 5796. Collected August 1976. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443344. NY 5853. Collected July 1977. Onondaga Co., New York.
Collected by F. Gaffney. Perennial herb. Wild. Seed.
443345. NY 5854. Collected July 1977. Onondaga Co., New York.
Collected by F. Gaffney. Perennial herb. Wild. Seed.
443346. NY 5855. Schuyler Co., New York. Collected by W. Oaks.
Perennial herb. Wild. Seed.
443347. NY 5856. Schuyler Co., New York. Collected by W. Oaks.
Perennial herb. Wild. Seed.
443348. NY 5860. Collected October 1977. Steuben Co., New York.
Perennial herb. Wild. Seed.
443349. NY 5863. Collected August 1977. Allegany Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443350. NY 5882. Perennial herb. Wild. Seed.
443351. NY 5889. Collected August 1977. Chenango Co., New York.
Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443352. NY 5892. Collected August 1977. Chenango Co., New York.
Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443353. NY 5893. Collected August 1977. Chenango Co., New York.

443334 TO 443357-continued

- Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443354. NY 5894. Collected August 1977. Chenango Co., New York.
Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443355. NY 5895. Collected August 1977. Chenango Co., New York.
Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443356. NY 5896. Collected August 1977. Chenango Co., New York.
Collected by Cain & Hurley. Perennial herb. Wild. Seed.
443357. NY 5965. Collected August 1978. Chemung Co., New York.
Collected by M. Testerman. Perennial herb. Wild. Seed.

443358 TO 443378. *Oenothera biennis* L. (Onagraceae) Common Evening-
Primrose.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443358. NY 5370. Collected September 1975. Steuben Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443359. NY 5404. Collected September 1975. Grafton Co., New
Hampshire. Collected by J. Carlson. Perennial herb. Wild.
Seed.
443360. NY 5405. Collected September 1975. Rockingham Co., New
Hampshire. Collected by J. Carlson. Perennial herb. Wild.
Seed.
443361. NY 5407. Collected October 1975. Steuben Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443362. NY 5414. Collected November 1975. Cayuga Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443363. NY 5415. Collected November 1975. Wayne Co., New York.
Collected by Kick. Perennial herb. Wild. Seed.
443364. NY 5805. Collected October 1976. Merrimack, New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443365. NY 5806. Collected November 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443366. NY 5807. Collected October 1976. Saratoga Co., New York.
Perennial herb. Wild. Seed.

443358 TO 443378-continued

443367. NY 5808. Collected October 1976. Chittenden Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443368. NY 5809. Collected October 1976. Strafford Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443369. NY 5810. Collected November 1976. Windham Co.,
Connecticut. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443370. NY 5811. Collected September 1976. York Co., Maine.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443371. NY 5812. Collected October 1976. Washington Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443372. NY 5813. Collected October 1976. Merrimack Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443373. NY 5814. Collected October 1976. York Co., Maine.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443374. NY 5815. Collected October 1976. Rockingham Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.
443375. NY 5816. Collected October 1976. Rutland Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443376. NY 5817. Collected October 1976. Chittenden Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.
443377. NY 5861. Collected October 1977. Steuben Co., New York.
Perennial herb. Wild. Seed.
443378. NY 5879. Perennial herb. Wild. Seed.

443379. *Oenothera lamarkiana* Ser. (Onagraceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5525. United States. El Monte, California.
Environmental Seed Producers. Perennial herb. Cultivated.
Seed.

443380. *Panicum clandestinum* L. (Poaceae) Deer tongue.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 4950. Tioga. Collected 1969. Chemung Co., New York.
Perennial herb. Cultivated. Seed.

443381 TO 443385. *Panicum virgatum* L. (Poaceae) Switchgrass.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443381. NY 1388. Collected 1956. Pleasant Co., West Virginia.
Collected by F. Glover. Perennial herb. Wild. Seed.

443382. NY 4576. Collected September 1966. Wyoming Co.,
Pennsylvania. Collected by J. McWilliams. Perennial herb.
Wild. Seed.

443383. NY 4579. Collected September 1966. Luzerne Co.,
Pennsylvania. Collected by J. McWilliams. Perennial herb.
Wild. Seed.

443384. NY 4598. Collected November 1966. Northumberland Co.,
Pennsylvania. Collected by R. Bond. Perennial herb. Wild.
Seed.

443385. NY 5195. Collected April 1972. Chemung Co., New York.
Collected by J. McWilliams. Perennial herb. Cultivated.
Seed.

443386. *Puccinellia distans* (L.) Parl. (Poaceae) Weeping alkaligrass.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5850. United States. Minneapolis, Minnesota. Northrup
King & Company. Perennial herb. Cultivated. Seed.

443387. *Robinia hispida* L. (Fabaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.

443387-continued
Received May 1980.

NY 3018. Arnot. Tompkins Co., New York. Received as
Robinia fertilis Ashe. Perennial herb. Cultivated. Seed.

443388 TO 443411. *Rudbeckia hirta* L. (Asteraceae) Black-eyed Susan.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443388. NY 5257. Collected August 1966. Prince George's Co.,
Maryland. Perennial herb. Wild. Seed.

443389. NY 5281. Collected July 1975. Cortland Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443390. NY 5283. Collected July 1975. New York. Collected by W.
Oaks. Perennial herb. Wild. Seed.

443391. NY 5287. Collected July 1975. Chemung Co., New York.
Collected by Rice. Perennial herb. Wild. Seed.

443392. NY 5290. Collected July 1975. Yates Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443393. NY 5293. Collected July 1975. Oswego Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443394. NY 5296. Collected July 1975. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443395. NY 5300. Collected July 1975. Cortland Co., New York.
Perennial herb. Wild. Seed.

443396. NY 5307. Collected July 1975. Tompkins Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443397. NY 5312. Collected August 1975. Steuben Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443398. NY 5328. Collected August 1975. Chenango Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443399. NY 5530. Collected August 1975. Steuben Co., New York.
Collected by Rice. Perennial herb. Wild. Seed.

443400. NY 5883. Perennial herb. Wild. Seed.

443401. NY 5897. Collected August 1977. Chenango Co., New York.
Collected by Cain & Hurley. Perennial herb. Cultivated.

443388 TO 443411-continued

Seed.

443402. NY 5898. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443403. NY 5899. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443404. NY 5900. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443405. NY 5901. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443406. NY 5902. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443407. NY 5903. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443408. NY 5904. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443409. NY 5905. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443410. NY 5906. Collected August 1977. Chenango Co., New York. Collected by Cain & Hurley. Perennial herb. Cultivated. Seed.
443411. NY 5964. Collected October 1978. Chemung Co., New York. Collected by M. Testerman. Perennial herb. Cultivated. Seed.

443412 TO 443434. *Saponaria officinalis* L. (Caryophyllaceae) Bouncing-Bet.

From United States. Held by Big Flats Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.
Received May 1980.

443412. NY 5294. Collected July 1975. Oswego Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.

443412 TO 443434-continued

443413. NY 5308. Collected August 1975. Steuben Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443414. NY 5314. Collected August 1975. Ontario Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443415. NY 5318. Collected August 1975. Orleans Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443416. NY 5327. Collected August 1975. Chenango Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443417. NY 5329. Collected August 1975. Chemung Co., New York. Collected by Rice. Perennial herb. Wild. Seed.
443418. NY 5334. Collected August 1975. Albany Co., New York. Collected by F. Gaffney. Perennial herb. Wild. Seed.
443419. NY 5364. Collected September 1975. Chemung Co., New York. Collected by J. Carlson. Perennial herb. Wild. Seed.
443420. NY 5365. Collected September 1975. Ontario Co., New York. Collected by J. Carlson. Perennial herb. Wild. Seed.
443421. NY 5368. Collected September 1975. Steuben Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443422. NY 5371. Collected September 1975. New Haven Co., Connecticut. Collected by F. Gaffney. Perennial herb. Wild. Seed.
443423. NY 5381. Collected September 1975. Steuben Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443424. NY 5382. Collected September 1975. Steuben Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443425. NY 5383. Collected September 1975. Steuben Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443426. NY 5797. Collected September 1976. New Haven Co., Connecticut. Collected by W. Oaks. Perennial herb. Wild. Seed.
443427. NY 5798. Collected September 1976. Washington Co., New York. Collected by W. Oaks. Perennial herb. Wild. Seed.
443428. NY 5799. Collected September 1976. Fairfield Co., Connecticut. Collected by W. Oaks. Perennial herb. Wild. Seed.
443429. NY 5800. Collected October 1976. Saratoga Co., New York.

443412 TO 443434-continued

Collected by W. Oaks. Perennial herb. Wild. Seed.

443430. NY 5801. Collected October 1976. York Co., Maine.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443431. NY 5802. Collected October 1976. Saratoga Co., New York.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443432. NY 5803. Collected September 1976. Sullivan Co., New
Hampshire. Collected by W. Oaks. Perennial herb. Wild.
Seed.

443433. NY 5804. Collected October 1976. Chittenden Co., Vermont.
Collected by W. Oaks. Perennial herb. Wild. Seed.

443434. NY 5884. Collected October 1977. Chemung Co., New York.
Perennial herb. Cultivated. Seed.

443435. *Secale cereale* L. (Poaceae) Rye.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

NY 5851. United States. Palmer, Alaska. Plant Materials
Center. Alaska. Winter annual. Cultivated. Seed.

443436 TO 443437. *Silene vulgaris* (Moench) Garcke (Caryophyllaceae).

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443436. NY 5866. Carbon Co., Pennsylvania. Collected by L.
Edminster. Perennial herb. Wild. Seed.

443437. NY 5867. Carbon Co., Pennsylvania. Collected by L.
Edminster. Perennial herb. Wild. Seed.

443438 TO 443442. *Trifolium ambiguum* Bieb. (Fabaceae) Kura clover.

From United States. Held by Big Flats Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Big
Flats, New York.
Received May 1980.

443438. NY 551. Nebraska. Perennial herb. Wild. Seed.

443438 TO 443442-continued

- 443439. NY 5258. Missouri. Perennial herb. Wild. Seed.
- 443440. NY 5482. Europe. Perennial herb. Wild. Seed.
- 443441. NY 5483. Perennial herb. Wild. Seed.
- 443442. NY 5849. Tompkins Co., New York. Collected by J. Carlson. Perennial herb. Wild. Plants.

443443 TO 443466. *Trifolium medium* L. (Fabaceae) Zig-zag clover.

From United States. Held by Big Flats Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Big Flats, New York.
Received May 1980.

- 443443. NY 5484. Perennial herb. Cultivated. Seed.
- 443444. NY 5485. United States. FC-36076. Perennial herb. Cultivated. Seed.
- 443445. NY 5491. Canada. Ottawa Research Station. Perennial herb. Cultivated. Seed.
- 443446. NY 5871. United States. West Lafayette, Indiana. Purdue University. MH-1003. Perennial herb. Cultivated. Seed.
- 443447. NY 5872. United States. West Lafayette, Indiana. Purdue University. MH-1080. Perennial herb. Cultivated. Seed.
- 443448. NY 5873. United States. West Lafayette, Indiana. Purdue University. MH-1084. Perennial herb. Cultivated. Seed.
- 443449. NY 5874. United States. West Lafayette, Indiana. Purdue University. MH-1087. Perennial herb. Cultivated. Seed.
- 443450. NY 5875. United States. West Lafayette, Indiana. Purdue University. MH-1100. Perennial herb. Cultivated. Seed.
- 443451. NY 5915. Perennial herb. Cultivated. Seed.
- 443452. NY 5916. Perennial herb. Cultivated. Seed.
- 443453. NY 5917. Perennial herb. Cultivated. Seed.
- 443454. NY 5918. Perennial herb. Cultivated. Seed.
- 443455. NY 5919. Perennial herb. Cultivated. Seed.
- 443456. NY 5920. Perennial herb. Cultivated. Seed.

443443 TO 443466-continued

- 443457. NY 5921. Perennial herb. Cultivated. Seed.
- 443458. NY 5923. Perennial herb. Cultivated. Seed.
- 443459. NY 5924. Perennial herb. Cultivated. Seed.
- 443460. NY 5925. Perennial herb. Cultivated. Seed.
- 443461. NY 5926. Perennial herb. Cultivated. Seed.
- 443462. NY 5927. Perennial herb. Cultivated. Seed.
- 443463. NY 5928. Perennial herb. Cultivated. Seed.
- 443464. NY 5929. Perennial herb. Cultivated. Seed.
- 443465. NY 5930. Perennial herb. Cultivated. Seed.
- 443466. NY 5931. Perennial herb. Cultivated. Seed.

443467 TO 443468. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae)
Leadtree.

From Belize. Collected by A.J. Oakes and J.L. Brewbaker,
Germplasm Resources Laboratory, USDA & Department of
Horticulture, University of Hawaii, Beltsville,
Maryland and Honolulu, Hawaii.
Received May 1979.

- 443467. 78-19c. Department of Horticulture, Univ. of Hawaii. K
424. Collected January 30, 1978. Wet limestone soil, near
Belize City, along Belize River. Plants typical
"Hawaiian" type, luxuriant growth, cut locally. Leaves
large. Pods large, pubescent. Perennial woody. Wild. Seed.
- 443468. 78-20c. Department of Horticulture, Univ. of Hawaii. K
425. Collected February 03, 1978. Central Farm, Orange
Walk District, on road to Progresso. Trees small. Leaves
often with two glands, heavy aphid infestation of young
leaves on all plants, especially "Hawaiian" type. Pods
glabrous. Tree. Seed.

443469 TO 443470. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae)
Leadtree.

From Colombia. Collected by A.J. Oakes and J.L. Brewbaker,
Germplasm Resources Laboratory, USDA & Department of
Horticulture, University of Hawaii, Beltsville,
Maryland and Honolulu, Hawaii.
Received May 1979.

443469 TO 443470-continued

443469. 78-81. Department of Horticulture, Univ. of Hawaii. K 484. Collected 1969. Teresita village, near Biosucio on Truando River. Single tree to 6m, clearly "Giant" type, not indigenous. Local name Panelo. Tree. Wild. Seed.

443470. 78-85. Department of Horticulture, Univ. of Hawaii. K 488. Collected May 01, 1978. Six km east of Palmira. Trees old, forming living fence. Pods and seeds small. Tree. Seed.

443471 TO 443472. *Leucaena trichodes* (Jacq.) Benth. (Fabaceae).

From Ecuador. Collected by A.J. Cakes and J.L. Erebaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii. Received May 1979.

443471. 78-86c. Department of Horticulture, Univ. of Hawaii. K 489. Collected May 08, 1978. Five km north of Portoviejo. 225m. Heavy clay soil, pH 8.5, rainfall about 80cm per year. Trees small. Tree. Wild. Seed.

443472. 78-87. Department of Horticulture, Univ. of Hawaii. K 490. Collected May 08, 1978. Guayaquil-Salinas Highway, 35km west of Guayaquil. Well-drained, heavy clay soil, pH about 8, rainfall 80cm per year. Trees small. Flowers in terminal inflorescences, heads small. Tree. Wild. Seed.

443473 TO 443474. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae)
Leadtree.

From Nicaragua. Collected by A.J. Oakes and J.L. Erebaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii. Received May 1979.

443473. 78-82. Department of Horticulture, Univ. of Hawaii. K 485. Collected March 05, 1978. Dry area along Highway 1, 10km north of Managua. 50m. Trees to 8m, "Peru" type, scattered. Heavy insect damage. Tree. Wild. Seed.

443474. 78-83c. Department of Horticulture, Univ. of Hawaii. K 486. Collected March 06, 1978. Shade trees, Managua airport and throughout city. Trees to 12m, "Peru" type. Tree. Cultivated. Seed.

443475. *Leucaena trichodes* (Jacq.) Benth. (Fabaceae).

From Peru. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

78-88. Department of Horticulture, Univ. of Hawaii. K 491. Collected June 08, 1978. Selva Forest, near Tingo Maria, Huanneo Province. Trees 6 to 8m tall. Leaves with 4 or 5 pairs of leaflets, each 3cm long. Tree. Wild. Seed.

443476 TO 443477. *Leucaena diversifolia* (Schlecht.) Benth. (Fabaceae).

From El Salvador. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443476. 78-17. Department of Horticulture, Univ. of Hawaii. K 422. Collected January 29, 1978. Along road to Cerro Verde, Santa Ana, near Volcan de Izalco. 1500m. Single plant to 14m, vigorous. Leaves large, sparsely puberulent, especially on leaflet undersides. Pods glabrous, reddish. Tree. Wild. Seed.

443477. 78-18c. Department of Horticulture, Univ. of Hawaii. K 423. Collected January 29, 1978. Coffee area near Cerro Verde, Santa Ana above Lake Coatepeque. 1800m. Volcanic hills. Plants to 8m, heavy insect infestation. Tree. Wild. Seed.

443478 TO 443484. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae)
Leadtree.

From El Salvador. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443478. 78-10c. Department of Horticulture, Univ. of Hawaii. K 415. Collected January 14, 1978. Station Cruz, La Paz. Plants of the "Giant Salvador" type, to 15m, planted on 2 x 2m grid. Leaves compound, prominent glands on top and bottom pairs of leaflets. Tree. Cultivated. Seed.

443479. 78-11c. Department of Horticulture, Univ. of Hawaii. K 416. Collected January 24, 1978. Plants planted on 2 x 2m grid. Leaves glandless or possibly very small glands. Tree. Cultivated. Seed.

443478 TO 443484-continued

443480. 78-12c. Department of Horticulture, Univ. of Hawaii. K 417. Collected January 24, 1978. Not indigenous. Plants to 5m in one year, typical "Giant" type. Leaves compound. Two prominent glands per leaf. Local name Arbol Estanjero. Tree. Cultivated. Seed.
443481. 78-13c. Department of Horticulture, Univ. of Hawaii. K 418. Collected January 24, 1978. Hacienda La Calleia, 2km west of Usulután, Usulután. Introduced for wood. Plants typical "Giant" type. Tree. Cultivated. Seed.
443482. 78-14c. Department of Horticulture, Univ. of Hawaii. K 419. Collected January 24, 1978. Scattered along railroad near Usulután, Usulután. Plants wild and cultivated. Leaflets with glands. Tree. Seed.
443483. 78-15c. Department of Horticulture, Univ. of Hawaii. K 420. Collected January 24, 1978. Along Highway 7 at Jocoro, Morazan. Site very dry. Plants "Giant" type, spreading, to 10m. Tree. Cultivated. Seed.
443484. 78-16. Department of Horticulture, Univ. of Hawaii. K 421. Collected January 29, 1978. Two km southwest of El Congo, Santa Ana, enroute to Cerro Verde. 1000m. Single plant. Leaves and leaflets medium size, two glands per leaf. Pods large. Seeds large. Heavy insect and possibly disease damage. Tree. Seed.

443485 TO 443486. *Leucaena shannonii* Donn. Smith (Fabaceae).

From El Salvador. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443485. 78-9. Department of Horticulture, Univ. of Hawaii. K 414. Collected January 21, 1978. Twelve km north of Santa Ana at Km 75, from San Salvador. Site dry, mesic, rocky hills. Population and plants small, not aggressive, to 7 m. Flowers borne in terminal inflorescence. Pods mostly glabrous. Single tree. Tree. Wild. Seed.
443486. 78-84. Department of Horticulture, Univ. of Hawaii. K 487. Collected February 28, 1979. Along Interamerican Highway 1, near Km 100 at Mercedes Umana. Single, small plant. Tree. Wild. Seed.

443487. *Desmodium* sp. (Fabaceae).

From Guatemala. Collected by A.J. Oakes and J.L. Brewbaker,

443487-continued

Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3176. Collected February 01, 1978. Open grassland, Lake Peten, 30km north of Flores. Plants semi-erect. Perennial woody. Wild. Seed.

443488. *Gossypium hirsutum* L. (Malvaceae) Upland cotton.

From Guatemala. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3178. Collected February 02, 1978. Lake Peten. Escape plants around houses, to 2m tall. Staple short. Seeds have very little fuzz. Cultivated. Seed.

443489 TO 443495. *Leucaena diversifolia* (Schlecht.) Benth. (Fabaceae).

From Guatemala. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443489. 78-1. Department of Horticulture, Univ. of Hawaii. K 406. Collected January 11, 1978. Along Highway 1A, 12km east of Guatemala City. 3000m. Plants to 10m. Flowering synchronous (December). Local name Guaje. Tree. Wild. Seed.

443490. 78-2c. Department of Horticulture, Univ. of Hawaii. K 407. Collected January 11, 1978. Dense savannah. 3000m. Shrubs. Synchronous winter flowering. Seeds ripe about February. Resembles *L. leucocephala* in wild. Perennial woody. Wild. Seed.

443491. 78-3c. Department of Horticulture, Univ. of Hawaii. K 408. Collected January 11, 1978. Along Highway 1A at Km 91, east of Guatemala City toward El Salvador. 900m. Plants to 7m tall. Foliage profuse. Flower heads to 8mm, anthers pink. Pods nearly glabrous, red. Tree. Wild. Seed.

443492. 78-4. Department of Horticulture, Univ. of Hawaii. K 409. Collected January 13, 1978. Fifteen km east of Mexico, near Democracia, Huehutenango. 900m. Single plant of 5m on infertile rocky soil. Leaves very small. Anthers red.

443489 TO 443495-continued

Pods small, reddish. Tree. Wild. Seed.

443493. 78-5. Department of Horticulture, Univ. of Hawaii. K 410. Collected January 15, 1978. Scattered along Highway 1A, 20km E of Guatemala City toward Puerto Barrios. 1800m. Dry rocky slopes. Plants to 7m tall, spreading crown, very puberulent. Seeds from single plant. Tree. Wild. Seed.

443494. 78-6c. Department of Horticulture, Univ. of Hawaii. K 411. Collected January 16, 1978. Along Highway 1A, 21km east of Guatemala City toward Puerto Barrios. Indigenous. Plants to 8m tall. Foliage sparse. Pods of normal size, somewhat fuzzy. Tree. Wild. Seed.

443495. 78-7. Department of Horticulture, Univ. of Hawaii. K 412. Collected January 16, 1978. Along Highway 1A, 21km east of Guatemala City toward Puerto Barrios. Single plant. Pods very thin and fuzzy. Flowers on adjacent trees with pink anthers. Tree. Wild. Seed.

443496. *Piper* sp. (Piperaceae).

From Guatemala. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii. Received May 1979.

3177. Collected February 02, 1978. Kital. Plants spreading, 2m tall. Fruits oval, 10-15cm long, bright red at maturity. Perennial woody. Wild. Seed.

443497 TO 443501. *Leucaena diversifolia* (Schlecht.) Benth. (Fabaceae).

From Honduras. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii. Received May 1979.

443497. 78-8. Department of Horticulture, Univ. of Hawaii. K 413. Collected January 18, 1978. Three km west of Copan. Single plant. Leaves to 20cm, 22 pairs leaflets. Sparse puberulence on leaflets and branches. Pods glabrous, reddish. Tree. Wild. Seed.

443498. 78-75c. Department of Horticulture, Univ. of Hawaii. K 478. Collected February 21, 1978. Mt. Uyuca, 1500m above Zamorano. Plants to 4m tall. Leaves sparse, 6 to 20cm long, leaflets puberulent. Pods badly insect infested.

443497 TO 443501-continued

Perennial woody. Wild. Seed.

443499. 78-76c. Department of Horticulture, Univ. of Hawaii. K 479. Collected February 21, 1978. Mt. Uyuca near Zamorano. Perennial woody. Wild. Seed.

443500. 78-77c. Department of Horticulture, Univ. of Hawaii. K 480. Collected February 21, 1978. Mt. Uyuca near Zamorano. Perennial woody. Wild. Seed.

443501. 78-80. Department of Horticulture, Univ. of Hawaii. K 483. Collected February 21, 1978. Streambed along Highway 4, 15km west of Danli. 1200m. Plants 8-10m tall. Leaves puberulent. Pods very small, no insect damage. Seeds from single tree. Tree. Wild. Seed.

443502. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae) Leadtree.

From Honduras. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii. Received May 1979.

78-79. Department of Horticulture, Univ. of Hawaii. K 482. Collected February 21, 1978. Very arid area along Highway 4, 20km west of Danli. 1100m. Abandoned house site, evidently introduced. Single plant to 6m tall. Tree. Wild. Seed.

443503. *Leucaena shannonii* Donn. Smith (Fabaceae).

From Honduras. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii. Received May 1979.

78-78. Department of Horticulture, Univ. of Hawaii. K 481. Collected February 21, 1978. Creek south of Esquela Agricola Panamericana, Zamorano. 900m. Among thorny vegetation. Single plant 6m tall among others to 10m. Tree. Wild. Seed.

443504. *Albizia lebeck* (L.) Benth. (Fabaceae) Lebeck.

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.

443504-continued
Received May 1979.

3246. Collected February 16, 1978. Along Highway 37, 5km south of Ganbara, Michoacan. Single plant. Tree. Wild. Seed.

443505. *Capsicum frutescens* L. (Solanaceae) Redpepper.

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3261. Collected February 17, 1978. Around building on Banco de Mexico FIRA seed farm, Coquimatlan, Colima. Wild. Seed.

443506. *Ceiba pentandra* (L.) Gaertn. (Bombacaceae) Kapok.

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3187. Collected February 05, 1978. Along Highway 273, 17km north of Merida, Yucatan. Tree. Seed.

443507 TO 443509. *Cenchrus ciliaris* L. (Poaceae) Buffelgrass.

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443507. 3311. Collected February 24, 1978. Along Highway 101 in Tamaulipas. Wild. Seed.

443508. 3312. Collected February 24, 1978. Along Highway 101 in Tamaulipas. Wild. Seed.

443509. 3367. Collected March 07, 1978. Along Highway 101, 5km east of Padilla, Tamaulipas. Wild. Seed.

443510 TO 443511. *Centrosema plumieri* (Turp. ex Pers.) Benth. (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker,

443510 TO 443511-continued

Germplasm Resources Laboratory, USDA & Department of
Horticulture, University of Hawaii, Beltsville,
Maryland and Honolulu, Hawaii.
Received May 1979.

443510. 3221. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA
seed farm. Collected February 14, 1978. Donated by G.
Sanchez Rodriguez. Vine, decumbent. Flowers purple-white.
Pods about 25cm long. Seed.

443511. 3222. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA
seed farm. Collected February 14, 1978. Donated by G.
Sanchez Rodriguez. Vine, decumbent. Seed.

443512. *Crotalaria* sp. (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker,
Germplasm Resources Laboratory, USDA & Department of
Horticulture, University of Hawaii, Beltsville,
Maryland and Honolulu, Hawaii.
Received May 1979.

3284. Collected February 22, 1978. Along Highway 105,
3km south of Panuco, Veracruz. Leaves trifoliolate. Pods
hirsute, 3-4cm long. Wild. Seed.

443513. *Glycine* sp. (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker,
Germplasm Resources Laboratory, USDA & Department of
Horticulture, University of Hawaii, Beltsville,
Maryland and Honolulu, Hawaii.
Received May 1979.

3271. Collected February 21, 1978. Along Highway 180,
Jose Cardel, Veracruz. Wild. Seed.

443514 TO 443520. *Leucaena collinsii* Britt. & Rose (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker,
Germplasm Resources Laboratory, USDA & Department of
Horticulture, University of Hawaii, Beltsville,
Maryland and Honolulu, Hawaii.
Received May 1979.

443514. 78-45c. Department of Horticulture, Univ. of Hawaii. K
450. Collected February 09, 1978. Highway 190, 3km west
of Tuxtla Gutierrez, Chiapas. 880m. Rainfall 120cm per
annum. Plants leafless, freely branching, to 8m tall.
Pods large and wide. Seeds large. Tree. Wild. Seed.

443514 TO 443520-continued

443515. 78-52c. Department of Horticulture, Univ. of Hawaii. K 456. Collected February 10, 1978. One km north of Tuxtla Gutierrez, Chiapas. Plants to 6m tall, on fertile soil to 8m. Tree. Wild. Seed.
443516. 78-57c. Department of Horticulture, Univ. of Hawaii. K 461. Collected February 11, 1978. Two km south of Chiapa de Corzo, Chiapas. Plants to 5m tall. Branches notably flat. Leaves large, leaflets medium size. Pods narrow, thin. Seeds small. Tree. Wild. Seed.
443517. 78-58c. Department of Horticulture, Univ. of Hawaii. K 462. Collected February 11, 1978. America Libra, 5km from Chiapa de Corzo, Chiapas. Plants indigenous. Seeds small. Tree. Wild. Seed.
443518. 78-59c. Department of Horticulture, Univ. of Hawaii. K 463. Collected February 11, 1978. Four km south of Chiapa de Corzo, Chiapas. Plants indigenous, widespread, to 7m tall. Tree. Wild. Seed.
443519. 78-62c. Department of Horticulture, Univ. of Hawaii. K 466. Collected February 13, 1978. Along Highway 190 at San Gregorio, 30km north of Frontera Comalapa, Chiapas. 850m. Plants to 10m, typical of those in the Tuxtla Gutierrez region of Chiapas. Seeds from pods on ground. Tree. Wild. Seed.
443520. 78-73c. Department of Horticulture, Univ. of Hawaii. K 476. Collected March 01, 1978. Tuxtla Gutierrez, Chiapas. Plants 5-8m tall. Pods unripe in mid-February. Tree. Wild. Seed.

443521 TO 443527. *Leucaena diversifolia* (Schlecht.) Benth. (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443521. 78-49. Department of Horticulture, Univ. of Hawaii. K 454. Collected February 10, 1978. Two km northwest of Tuxtla Gutierrez, Chiapas. Plants 4-8m tall. Pods and seeds very small. Seeds from single plant. Tree. Wild. Seed.
443522. 78-60. Department of Horticulture, Univ. of Hawaii. K 464. Collected February 13, 1978. Along Highway 190 at La Trinitaria, Chiapas. 1500m. Single plant 4m tall. Flowers present throughout year. Pods 1 x 10cm. Seeds small. Tree.

443521 TO 443527-continued
Wild. Seed.

443523. 78-61c. Department of Horticulture, Univ. of Hawaii. K 465. Collected February 13, 1978. Along Highway 190, 5km south of La Trinitaria, Chiapas. Plants 4-5m tall. Tree. Wild. Seed.
443524. 3231. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 013. Collected February 14, 1978. Donated by G. Sanchez Rodriguez. Origin Jalapa, Veracruz. Cultivated. Seed.
443525. 3254. Collected February 17, 1978. Near Emileano Zapata, Jalisco. Single plant. Tree. Wild. Seed.
443526. 3281. Collected February 21, 1978. Along Highway 140, 35km east of Jalapa, Veracruz. Tree. Wild. Seed.
443527. 3283. Collected February 22, 1978. Along Highway 105, 3km south of Panuco, Veracruz. Single plant. Pods 20-30cm long, 2cm wide. Tree. Wild. Seed.

443528 TO 443546. *Leucaena esculenta* (Moc. & Sess.) Benth. (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443528. 78-53c. Department of Horticulture, Univ. of Hawaii. K 457. Collected February 10, 1978. Periphery road around Tuxtla Gutierrez, Chiapas. Single plant to 6m. Leaves in spiral phyllotaxy. Pods large, reddish. Seeds large, round, piquant flavor. Tree. Wild. Seed.
443529. 78-55c. Department of Horticulture, Univ. of Hawaii. K 459. Collected February 11, 1978. Field along Highway 190, 3km east of Tuxtla Gutierrez, Chiapas. Large population, plants almost leafless. Bark laterally striated, uncommonly rough, strong taste. Pods large, red. Tree. Wild. Seed.
443530. 3211. Collected February 13, 1978. Scattered along Highway 95, 5km S of Chinconcuac near Xochitepec, Morelos. 1500m. Tree. Wild. Seed.
443531. 3212. Collected February 13, 1978. Plants along streetside, Zacatepec, Morelos. Tree. Wild. Seed.
443532. 3213. Collected February 13, 1978. Single plant, near Higueron, Morelos. Tree. Wild. Seed.

443528 TO 443546-continued

443533. 3217. Collected February 13, 1978. Scattered along Highway 95 near Santa Fe, Guerrero. Tree. Wild. Seed.
443534. 3230. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 012. Collected February 14, 1978. Teloloapan, Guerrero. Donated by G. Sanchez Rodriguez. Cultivated. Seed.
443535. 3232. Collected February 14, 1978. Scattered along Highway 140 near Teloloapan, Guerrero. Tree. Wild. Seed.
443536. 3250. Collected February 16, 1978. Scattered along Highway 15, 2km east of Tangamandapio, Michoacan. Tree. Wild. Seed.
443537. 3289. Collected February 22, 1978. Scattered along Highway 110, 4km west of Tampico, Tamaulipas. Tree. Wild. Seed.
443538. 3322. Collected February 25, 1978. Park on Rio Grande River along Highway 2, 20km east of Reynosa (Anzalduas). Plants 10-15m tall. Pods red. Seeds from single tree. Tree. Wild. Seed.
443539. 3343. Collected March 02, 1978. Gardens, Jalapa, Zacatecas. Plants to 15m tall. Pods reddish, young pods and seeds eaten locally. Tree. Cultivated. Seed.
443540. 3344. Collected March 02, 1978. Along Highway 41, 10km north of Apozol, Zacatecas. Tree. Wild. Seed.
443541. 3345. Collected March 02, 1978. Along Highway 41, near Ruminolo, Zacatecas, 10km north of Apozol. Tree. Wild. Seed.
443542. 3346. Collected March 02, 1978. Along Highway 41, near Los Vajious. 10km south of Moyahua, Zacatecas. Tree. Wild. Seed.
443543. 3347. Collected March 02, 1978. Along Highway 41 at Los Veneros, Jalisco. Tree. Wild. Seed.
443544. 3350. Collected March 04, 1978. Along Highway 80, 20km south of Techolotlan, Jalisco. Plants to 10m tall. Pods reddish, 20-30cm long, 2-4cm wide. Tree. Wild. Seed.
443545. 3351. Collected March 05, 1978. Along Highway 33 near Balnerio Los Chorios, north of Guzman, Jalisco. Plants 10-15m tall. Pods reddish. Tree. Wild. Seed.
443546. 3352. Collected March 05, 1978. Garden along Highway 80, Tienas Colorado, Acatic County, Jalisco. Single plant.

443528 TO 443546-continued
Tree. Cultivated. Seed.

443547 TO 443554. *Leucaena lanceolata* S. Watson (Fabaceae).

From Mexico. Collected by A.J. Oakes and J.L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

- 443547. 3242. Collected February 15, 1978. Along Highway 200 near Salinas de Pratla, Guerrero. Tree. Wild. Seed.
- 443548. 3245. Collected February 16, 1978. Along Highway 37, 2km south of Arteaga, Michoacan. Single plant. Tree. Wild. Seed.
- 443549. 3249. Collected February 16, 1978. Along Highway 15, 3km east of Ichan, Michoacan. Tree. Wild. Seed.
- 443550. 3260. Collected February 17, 1978. Streetside, Colima, Colima. Single plant. Tree. Cultivated. Seed.
- 443551. 3273. Collected February 21, 1978. Macucus, near Zempoala, Veracruz. Single plant. Tree. Wild. Seed.
- 443552. 3275. Collected February 21, 1978. El Rancho el Vigia near Jose Cardel, Veracruz. Single plant. Tree. Wild. Seed.
- 443553. 3276. Collected February 21, 1978. La Guna Verde near Jose Cardel, Veracruz. Tree. Wild. Seed.
- 443554. 3277. Collected February 21, 1978. Along Highway 140, 10km west of Jose Cardel, Veracruz. Single plant. Tree. Wild. Seed.

443555 TO 443721. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae)
Leadtree.

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

- 443555. 78-21c. Department of Horticulture, Univ. of Hawaii. K 426. Collected February 05, 1978. Along Highway 273, 5km north of Merida toward Progreso, Yucatan. Plants common, weedy type, to 5m. Pods partially pubescent. Local name Xaxim or Uaxim (Maya). Tree. Wild. Seed.

443555 TO 443721-continued

443556. 78-22c. Department of Horticulture, Univ. of Hawaii. K 427. Collected February 05, 1978. Daibil Chaltun ruins, 22km north of Merida, Yucatan. Indigenous. Pods puberulent. Tree. Wild. Seed.
443557. 78-23c. Department of Horticulture, Univ. of Hawaii. K 428. Collected February 05, 1978. Along Highway 273, 25km north of Merida on road to Progreso, Yucatan. Plants 5-7m. Tree. Wild. Seed.
443558. 78-24c. Department of Horticulture, Univ. of Hawaii. K 429. Collected February 06, 1978. Along Highway 84 between Tekax and Txucacab, Yucatan. Plants common along highway, rare in interior, to 4m tall. Leaves small. Tree. Wild. Seed.
443559. 78-25c. Department of Horticulture, Univ. of Hawaii. K 430. Collected February 06, 1978. Along Highway 84, 10km south of Tzucacab, Yucatan. Plants common in high pH soil, shrubby, occasionally reddish. Perennial woody. Wild. Seed.
443560. 78-26c. Department of Horticulture, Univ. of Hawaii. K 431. Collected February 07, 1978. Two km south of Merida, Yucatan. Plants to 5m tall, occasionally larger. Pods full. No diseases. Tree. Wild. Seed.
443561. 78-27c. Department of Horticulture, Univ. of Hawaii. K 432. Collected February 07, 1978. Near Uman, Yucatan on Merida-Uman highway. Plants shrubby. Perennial woody. Wild. Seed.
443562. 78-28c. Department of Horticulture, Univ. of Hawaii. K 433. Collected February 07, 1978. Along Highway 180, 5km south of Uman, Yucatan. Sisal replanted area. Pods large. Tree. Wild. Seed.
443563. 78-29c. Department of Horticulture, Univ. of Hawaii. K 434. Collected February 07, 1978. Along Highway 180, 5km north of Muna, Yucatan. Plants erect, good shape, to 6m tall, common type. Tree. Wild. Seed.
443564. 78-30c. Department of Horticulture, Univ. of Hawaii. K 435. Collected February 07, 1978. Along Highway 180, 2km south of Kabah ruins, Campeche. Plants common along highway, rare on hillsides. Leaves large. Pods large. Seeds large. No disease symptoms. Tree. Wild. Seed.
443565. 78-31c. Department of Horticulture, Univ. of Hawaii. K 436. Collected February 07, 1978. Along Highway 180, 5km west of Hopelchen, Campeche. Plants common along highway, rare in interior, with heavy seed insect infestation.

443555 TO 443721-continued

Tree. Wild. Seed.

443566. 78-32c. Department of Horticulture, Univ. of Hawaii. K 437. Collected February 07, 1978. Along Highway 180, 2km west of Chencoyi, Campeche. Plants common along highway, rare in interior. Tree. Wild. Seed.
443567. 78-33c. Department of Horticulture, Univ. of Hawaii. K 438. Collected February 07, 1978. Along Highway 180, 22km east of Campeche, Campeche. Plants on limestone hills, to 8m tall, typical. Tree. Wild. Seed.
443568. 78-34c. Department of Horticulture, Univ. of Hawaii. K 439. Collected February 07, 1978. Dry, calcareous hills along Highway 180, 17km east of Campeche, Campeche. Plants indigenous at edges of forest overstory. Tree. Wild. Seed.
443569. 78-35c. Department of Horticulture, Univ. of Hawaii. K 440. Collected February 07, 1978. Along Highway 180, 14km east of Campeche, Campeche. Plants common. Tree. Wild. Seed.
443570. 78-37c. Department of Horticulture, Univ. of Hawaii. K 442. Collected February 08, 1978. Along Highway 180, 5km west of Lerma, Campeche. Plants typical type. Pods with heavy insect damage and fungus infection. Tree. Wild. Seed.
443571. 78-38c. Department of Horticulture, Univ. of Hawaii. K 443. Collected February 08, 1978. Seven km west of Lerma, Campeche. Plants common, to 12cm tall. Heavy insect infestation. *L. shannonii* in proximity, no apparent hybridization. Tree. Wild. Seed.
443572. 78-41c. Department of Horticulture, Univ. of Hawaii. K 446. Collected February 08, 1978. Twelve km west of Lerma, Campeche. Pods with heavy insect damage. Tree. Wild. Seed.
443573. 78-43c. Department of Horticulture, Univ. of Hawaii. K 448. Collected February 08, 1978. Along Highway 180, 5km south of La Joya near Champoton, Campeche. 100m. Plants common. Tree. Wild. Seed.
443574. 78-44c. Department of Horticulture, Univ. of Hawaii. K 449. Collected February 08, 1978. Ten km east of Champoton, Campeche. Plants possibly resistant to insect/yellowing complex. Pods typical shape. Tree. Wild. Seed.
443575. 78-47c. Department of Horticulture, Univ. of Hawaii. K 452. Collected February 07, 1978. Tehuantepec, Chiapas.

443555 TO 443721-continued

Plants 3-4m tall. Rainfall 80cm, evaporation 290cm per annum. Perennial woody. Wild. Seed.

443576. 78-50. Department of Horticulture, Univ. of Hawaii. K 455. Collected February 10, 1978. Fence row, 3km northwest of Tuxtla, Chiapas. Single plant of typical "Giant type". Pods wide. Seeds large. Tree. Cultivated. Seed.
443577. 78-54c. Department of Horticulture, Univ. of Hawaii. K 458. Collected February 10, 1978. Pods from markets, Villa Flores, Chiapas. Seeds commonly eaten young. Local name Guash. Seed.
443578. 78-56c. Department of Horticulture, Univ. of Hawaii. K 460. Collected February 11, 1978. Near Chiapa de Corzo, Chiapas. 300m. Plants around homes, not on hillsides, to 9m. Young seeds very favored food. Wild and cultivated. Tree. Seed.
443579. 78-64c. Department of Horticulture, Univ. of Hawaii. K 467. Collected February 14, 1978. Around homes along Highway 200, southeast of Pijijipan, Chiapas. Plants very rare in area. Leaflets pointed and sharp. Cultivated and wild. Tree. Seed.
443580. 78-66c. Department of Horticulture, Univ. of Hawaii. K 469. Collected February 15, 1978. Fence row along Highway 200 at Arriaga, Chiapas. Seeds large. Cultivated and wild. Tree. Seed.
443581. 3179. Collected February 04, 1978. Streetside, Chetumal, Quintana Roo. Single plant 4-6m tall. Local name Huaxin. Tree. Seed.
443582. 3183. Collected February 05, 1978. Thickets along Highway 273, 3km north of Merida, Yucatan. Plants to 6m tall. Pods hirsute. Local name Huaxin. Tree. Wild. Seed.
443583. 3184. Collected February 05, 1978. Thickets along Highway 273, 5km north of Merida, Yucatan. Tree. Wild. Seed.
443584. 3185. Collected February 05, 1978. Thickets along Highway 273, 12km north of Merida, Yucatan. Pods hirsute. Tree. Wild. Seed.
443585. 3186. Collected February 05, 1978. Thickets along Highway 273, 18km north of Merida, Yucatan. Pods hirsute. Tree. Wild. Seed.
443586. 3188. Collected February 06, 1978. Along Highway 180 near Catmis Tzucacab, 15km east of Merida, Yucatan. Tree.

443555 TO 443721-continued
Wild. Seed.

443587. 3189. Collected February 06, 1978. Along Highway 180 near Catmis Tzucacab, Yucatan. Tree. Wild. Seed.
443588. 3190. Collected February 07, 1978. Along Highway 180, 31km east of Merida, Yucatan. Single plant. Tree. Wild. Seed.
443589. 3191. Collected February 07, 1978. Along Highway 180, 2km west of Hoctun, Yucatan. Single plant. Tree. Wild. Seed.
443590. 3192. Collected February 07, 1978. Along Highway 180 at Izamal junction near Kantunil, Yucatan. Tree. Wild. Seed.
443591. 3193. Collected February 07, 1978. Along Highway 180, 55km east of Merida, Yucatan. Single plant. Tree. Wild. Seed.
443592. 3194. Collected February 07, 1978. Along Highway 180, 81km east of Merida, Yucatan. Tree. Wild. Seed.
443593. 3195. Collected February 07, 1978. Along Highway 180, 212km east of Merida, Yucatan. Tree. Wild. Seed.
443594. 3196. Collected February 07, 1978. Unknown location along Highway 180 west of Valladolid, Yucatan. Tree. Wild. Seed.
443595. 3197. Collected February 07, 1978. Streetside, Cancun, Quintana Roo. Tree. Wild. Seed.
443596. 3198. Collected February 07, 1978. Along Highway 180, 1 km east of Valladolid, Yucatan. Tree. Wild. Seed.
443597. 3199. Collected February 08, 1978. Along Highway 307, 24km south of Cancun, Quintana Roo. Single plant. Tree. Wild. Seed.
443598. 3200. Collected February 08, 1978. Along Highway 307 at Puerto Morelos jct., 22km S of Cancun, Quintana Roo. Plants vigorous, leafy. Pods 15-20cm long, 2cm wide. Tree. Wild. Seed.
443599. 3201. Collected February 08, 1978. Along Highway 307, 140km southwest of Cancun, Quintana Roo. Tree. Wild. Seed.
443600. 3202. Collected February 08, 1978. Along Highway 307, 140km southwest of Cancun, Quintana Roo. Single plant. Leaves very small, dark green. Pods short, narrow. Tree. Wild. Seed.

443555 TO 443721-continued

443601. 3203. Collected February 08, 1978. Along Highway 184, Km post 160, west of Felipe Carrilo Puerto, Quintana Roo. Tree. Wild. Seed.
443602. 3204. Collected February 08, 1978. Along Highway 184, Km post 200, west of Felipe Carrilo Puerto, Quintana Roo. Tree. Wild. Seed.
443603. 3205. Collected February 08, 1978. Along Highway 184, Km post 206, west of Felipe Carrilo Puerto, Quintana Roo. Tree. Wild. Seed.
443604. 3206. Collected February 08, 1978. Along Highway 184, Km post 210, west of Felipe Carrilo Puerto, Quintana Roo. Tree. Wild. Seed.
443605. 3207. Collected February 08, 1978. Along Highway 184, Km post 244, west of Felipe Carrilo Puerto, Quintana Roo. Tree. Wild. Seed.
443606. 3208. Collected February 08, 1978. Hwy 184, Km post 125, between Muna, Yucatan & Felipe Carrilo Puerto, Q.R. Tree. Wild. Seed.
443607. 3209. Collected February 09, 1978. Vacant lot, Merida, Yucatan. Plants to 10m tall. Tree. Wild. Seed.
443608. 3214. Collected February 13, 1978. Chaga Experiment Station in Guerrero. Plants 1-2m tall. Perennial woody. Wild. Seed.
443609. 3215. Collected February 13, 1978. Colonia el Mirsdor, Zacatepec, Morelos. Perennial woody. Wild. Seed.
443610. 3216. Collected February 13, 1978. Dry feed lot near Alpuyecá, Morelos. Tree. Wild. Seed.
443611. 3218. Collected February 13, 1978. Along Highway 95 near Ahuehuepan, Guerrero. Tree. Wild. Seed.
443612. 3223. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 001. Collected February 14, 1978. Donated by G. Sanchez Rodriguez. Cultivated. Seed.
443613. 3224. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 002. Collected February 14, 1978. Donated by G. Sanchez Rodriguez. Cultivated. Seed.
443614. 3225. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 003. Collected February 14, 1978. Donated by G. Sanchez Rodriguez. Tree. Cultivated. Seed.

443555 TO 443721-continued

- 443615. 3226. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 004. Collected February 14, 1978. Donated by G. Sanchez Rodriguez. Tree. Cultivated. Seed.
- 443616. 3227. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 005. Collected February 14, 1978. Donated by G. Sanchez Rodriguez. Tree. Cultivated. Seed.
- 443617. 3228. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 008. Collected February 14, 1978. Ajuchitlan, Guerrero. Donated by G. Sanchez Rodriguez. Cultivated. Seed.
- 443618. 3229. Mexico. Altamirano, Guerrero. Banco de Mexico FIRA seed farm. AL 009. Collected February 14, 1978. Ajuchitlan, Guerrero. Donated by G. Sanchez Rodriguez. Tree. Cultivated. Seed.
- 443619. 3234. Collected February 15, 1978. Along Highway 200 near Petatlan, Guerrero. 20m. Tree. Wild. Seed.
- 443620. 3235. Collected February 15, 1978. Streetside, Acapulco, Guerrero. Tree. Wild. Seed.
- 443621. 3236. Collected February 15, 1978. Streetside, Acapulco, Guerrero. Tree. Wild. Seed.
- 443622. 3237. Collected February 15, 1978. Along Highway 200, Alchaloa, Guerrero. Single plant. Tree. Wild. Seed.
- 443623. 3238. Collected February 15, 1978. Along Highway 200, 20km north of Acapulco, Guerrero. Single plant. Tree. Wild. Seed.
- 443624. 3239. Collected February 15, 1978. Along Highway 200, Tecpan, Guerrero. Single plant. Tree. Wild. Seed.
- 443625. 3241. Collected February 15, 1978. Along Highway 200, 3km north of Acapulco, Guerrero. Tree. Wild. Seed.
- 443626. 3243. Collected February 15, 1978. Along Highway 200 near Caclutia, Guerrero. Single plant. Tree. Wild. Seed.
- 443627. 3247. Collected February 16, 1978. Along Highway 37, 5km south of Ganbara, Michoacan. Tree. Wild. Seed.
- 443628. 3248. Collected February 16, 1978. Along Highway 37, 2km north of Neuva Italia, Michoacan. Single plant. Tree. Wild. Seed.
- 443629. 3253. Collected February 17, 1978. Banco de Mexico seed farm, Coquimatlan, Colima. Tree. Wild. Seed.

443555 TO 443721-continued

443630. 3255. Peru. Collected February 17, 1978. Banco de Mexico seed farm, Coquimatlan, Colima. Tree. Cultivated. Seed.
443631. 3256. Collected February 17, 1978. Streetside, Colima, Col. Single plant. Tree. Wild. Seed.
443632. 3262. Collected February 20, 1978. Streetside, Cotaxtla, Veracruz. Tree. Wild. Seed.
443633. 3263. Collected February 20, 1978. Near Highway 150, Curtlahupe, near Cotaxtla, Veracruz. Pods very narrow. Tree. Wild. Seed.
443634. 3264. Collected February 20, 1978. Near Highway 150, White Land, near White River, Veracruz. Single plant to 12m tall. Tree. Wild. Seed.
443635. 3265. Collected February 20, 1978. Streetside, Cotaxtla, Veracruz. Single plant. Tree. Wild. Seed.
443636. 3266. Collected February 20, 1978. White River Village, Veracruz, along Highway 150. Tree. Wild. Seed.
443637. 3267. Collected February 20, 1978. Along Hwy 150 at San Juan de la Punta, between San Felipe & Cordoba, Ver. Tree. Wild. Seed.
443638. 3268. Collected February 20, 1978. White River, near San Felipe, Veracruz. Plants to 6m tall. Tree. Wild. Seed.
443639. 3269. Collected February 20, 1978. Along Highway 150, 25km southwest of Veracruz, Ver. Tree. Wild. Seed.
443640. 3272. Collected February 21, 1978. Along Highway 180 at Jose Cardel, Veracruz. Tree. Wild. Seed.
443641. 3274. Collected February 21, 1978. Along Hwy 180, 10km N of Jose Cardel, Veracruz, at La Gloria road junction. Tree. Wild. Seed.
443642. 3278. Collected February 21, 1978. Along Highway 140, 10km west of Jose Cardel, Veracruz. Tree. Wild. Seed.
443643. 3280. Collected February 21, 1978. Along Highway 180, Palma Sola, Veracruz. Single plant. Tree. Wild. Seed.
443644. 3282. Collected February 22, 1978. Along Highway 105 near Tempoal de Sanchez, Veracruz. Tree. Wild. Seed.
443645. 3285. Collected February 22, 1978. Rancho Ayacucho, Tempoal de Sanchez, Veracruz. Tree. Wild. Seed.

443555 TO 443721-continued

443646. 3286. Collected February 22, 1978. Along Highway 110, 25km east of Valles near La Roseta, San Luis Potosi. Single plant. Tree. Wild. Seed.
443647. 3287. Collected February 22, 1978. Along Highway 110, 15km east of Valles, San Luis Potosi. Tree. Wild. Seed.
443648. 3288. Collected February 22, 1978. Along Highway 105 near Panuco, Veracruz. Tree. Wild. Seed.
443649. 3290. Collected February 22, 1978. Along Highway 105, 20km south of Panuco, Veracruz. Single plant. Tree. Wild. Seed.
443650. 3291. Collected February 22, 1978. Along Highway 105, near Tempoal de Sanches, Veracruz. Single plant. Tree. Wild. Seed.
443651. 3292. Collected February 22, 1978. Streetside, Valles, San Luis Potosi. Single plant. Tree. Wild. Seed.
443652. 3293. Collected February 22, 1978. Near San Fernando, Ebanco County, San Luis Potosi. Tree. Wild. Seed.
443653. 3294. Collected February 22, 1978. Along Highway 110 east of Valles, near El Borron, San Luis Potosi. Tree. Wild. Seed.
443654. 3295. Collected February 23, 1978. Along highway 80 near El Steite, Altamira County, Tamaulipas. Single plant. Tree. Wild. Seed.
443655. 3296. Collected February 23, 1978. Along Highway 80 near Laguna de la Puerta, Altamira County, Tamaulipas. Tree. Wild. Seed.
443656. 3297. Collected February 23, 1978. Livestock FIRA demonstration farm, Altamira, Tamaulipas. Single plant. Tree. Wild. Seed.
443657. 3299. Collected February 24, 1978. Along Highway 101, 78km north of Soto La Marina, Tamaulipas. Single plant. Tree. Wild. Seed.
443658. 3300. Collected February 24, 1978. Along Highway 101, near Soto La Marina, Tamaulipas. Tree. Wild. Seed.
443659. 3301. Collected February 24, 1978. Along Highway 80, near Estero, Tamaulipas. Single plant. Tree. Wild. Seed.
443660. 3302. Collected February 24, 1978. Along Highway 101, near Francisco Villa, Tamaulipas. Tree. Wild. Seed.

443555 TO 443721-continued

443661. 3303. Collected February 24, 1978. Streetside, San German, Tamaulipas. Tree. Wild. Seed.
443662. 3304. Collected February 24, 1978. Along Highway 101 near Cuauhtemol, Tamaulipas. Tree. Wild. Seed.
443663. 3305. Collected February 24, 1978. Along Highway 101, near El Mayab Itermos, Tamaulipas. Tree. Wild. Seed.
443664. 3306. Collected February 24, 1978. Along Highway 101 at San Fernando, Tamaulipas. Single plant. Tree. Wild. Seed.
443665. 3307. Collected February 24, 1978. Along Highway 101, near Tres Pellos, Tamaulipas. Tree. Wild. Seed.
443666. 3308. Collected February 24, 1978. Along Highway 101, near St. Thomas, Tamaulipas. Tree. Wild. Seed.
443667. 3309. Collected February 24, 1978. Along unmarked road, 8km northwest of San Fernando, Tamaulipas. Tree. Wild. Seed.
443668. 3310. Collected February 24, 1978. Along Highway 101, 50km south of Matamoros, Tamaulipas. Single plant. Tree. Wild. Seed.
443669. 3313. Collected February 25, 1978. Near Diaz Ordaz between Hwy 2 & Rio Grande R., 5km W of Matamoros, Tamps. Single plant. Tree. Wild. Seed.
443670. 3314. Collected February 25, 1978. North of Highway 2, 10km west of Matamoros, Tamaulipas. Tree. Wild. Seed.
443671. 3315. Collected February 25, 1978. Along Highway 2, 22km west of Matamoros, Tamaulipas. Tree. Wild. Seed.
443672. 3316. Collected February 25, 1978. Park north of Highway 2, 20km west of Matamoros, Tamaulipas. Tree. Wild. Seed.
443673. 3317. Collected February 25, 1978. Along Highway 2, between Matamoros and Reynosa, Tamaulipas. Single plant. Tree. Wild. Seed.
443674. 3318. Collected February 25, 1978. Along Highway 2, near Mier between Reynosa and Mier, Tamaulipas. Single plant. Tree. Wild. Seed.
443675. 3319. Collected February 25, 1978. Along Highway 2, between Reynosa and Mier, Tamaulipas. Single plant. Tree. Wild. Seed.
443676. 3320. Collected February 25, 1978. Streetside, Reynosa,

443555 TO 443721-continued

- Tamaulipas. Tree. Wild. Seed.
443677. 3321. Collected February 25, 1978. Streetside, Matamoros, Tamaulipas. Tree. Wild. Seed.
443678. 3323. Collected February 26, 1978. Streetside, Nuevo Laredo, Tamaulipas. Single plant. Frost 3 to 4 times per winter. Tree. Wild. Seed.
443679. 3324. Collected February 26, 1978. Streetside, Nuevo Laredo, Tamaulipas. Single plant. Tree. Wild. Seed.
443680. 3325. Collected February 26, 1978. Streetside, Nuevo Laredo, Tamaulipas. Single plant. Tree. Wild. Seed.
443681. 3326. Collected February 26, 1978. Along Highway 85, 42km north of Monterrey, Nuevo Leon. Tree. Wild. Seed.
443682. 3327. Collected February 26, 1978. Along Highway 85, Raldenta Co. near Sadiñas, Nuevo Leon. Tree. Wild. Seed.
443683. 3328. Collected February 26, 1978. Along Highway 85, 10km north of Monterrey, Nuevo Leon. Plants 15-20m tall. Tree. Wild. Seed.
443684. 3329. Collected February 26, 1978. Streetside, Monterrey, Nuevo Leon. Tree. Wild. Seed.
443685. 3330. Collected February 27, 1978. Streetside, Monclova, Coahuila. Tree. Wild. Seed.
443686. 3331. Collected February 27, 1978. Streetside, Monclova, Coahuila. Single plant. Tree. Wild. Seed.
443687. 3332. Collected February 27, 1978. Along Highway 40 at Mina, Nuevo Leon. Single plant. Tree. Wild. Seed.
443688. 3333. Collected February 27, 1978. Along Highway 40 at Ramos Arispe, Coahuila. Tree. Wild. Seed.
443689. 3334. Collected February 27, 1978. Streetside, Monclova, Coahuila. Tree. Wild. Seed.
443690. 3335. Collected February 27, 1978. Streetside, Saltillo, Coahuila. Single plant. Tree. Wild. Seed.
443691. 3337. Collected February 27, 1978. Streetside, Monclova, Coahuila. Tree. Wild. Seed.
443692. 3338. Collected February 28, 1978. Streetside, Monterrey, Nuevo Leon. Single plant. Leaves dark green. Tree. Wild. Seed.

443555 TO 443721-continued

443693. 3339. Collected February 28, 1978. Along Highway 85, 10km south of Monterrey, Nuevo Leon. Single plant. Tree. Wild. Seed.
443694. 3340. Collected February 28, 1978. Streetside, Santiago, Nuevo Leon, 36km south of Monterrey, W of Highway 85. Single plant. Tree. Wild. Seed.
443695. 3341. Collected February 28, 1978. Horsetail National Park, 60km south of Monterrey, Nuevo Leon. Single plant. Tree. Wild. Seed.
443696. 3348. Collected March 02, 1978. Garden along Highway 41, Diego, Zacatecas, 10km south of Moyahua. Plants 3-4m high. Seeds from single plant. Tree. Cultivated. Seed.
443697. 3349. Collected March 04, 1978. Streetside, Techolotlan, Jalisco. Single plant. Tree. Wild. Seed.
443698. 3354. Collected March 06, 1978. Along Highway 86, 5km west of Valles, San Luis Potosi. Plants 5-7m tall. Seeds from single plant. Tree. Wild. Seed.
443699. 3355. Collected March 06, 1978. Along Highway 85, 30km north of Valles, San Luis Potosi. Single plant. Tree. Wild. Seed.
443700. 3356. Collected March 06, 1978. Along Highway 85, 1 km north of Tamaulipas-San Luis Potosi state line. Single plant. Tree. Wild. Seed.
443701. 3357. Collected March 06, 1978. Along Highway 85, 30km north of Mante, Tamaulipas. Tree. Wild. Seed.
443702. 3358. Collected March 07, 1978. Streetside, Victoria, Tamaulipas. Plants 5-9m tall. Pods 15-20cm long, 1.3cm wide. Seeds from single tree. Tree. Wild. Seed.
443703. 3359. Collected March 07, 1978. Pasture along Highway 101, 3km northeast of Victoria, Tamaulipas. Plants 5-7m tall. Tree. Wild. Seed.
443704. 3360. Collected March 07, 1978. Along Highway 101, 12km northeast of Victoria, Tamaulipas. Tree. Wild. Seed.
443705. 3361. Collected March 07, 1978. Along Highway 101, 18km northeast of Victoria, Tamaulipas. Tree. Wild. Seed.
443706. 3362. Collected March 07, 1978. Along Highway 101, 68km northeast of Victoria, Tamaulipas. Single plant. Leaves abundant. Tree. Wild. Seed.

443555 TO 443721-continued

443707. 3363. Collected March 07, 1978. Streetside, Padilla, Tamaulipas. Tree. Wild. Seed.
443708. 3364. Collected March 07, 1978. Along Highway 101, 4km east of Padilla, Tamaulipas. Tree. Wild. Seed.
443709. 3365. Collected March 07, 1978. Streetside, Santander Jamenez, Tamaulipas. Single plant. Tree. Wild. Seed.
443710. 3366. Collected March 07, 1978. Fishing camp, Lajilla del Norte, Tamaulipas. Plants to 5m tall. Leaves abundant. Pods abundant. Tree. Wild. Seed.
443711. 3368. Collected March 08, 1978. Along Highway 85, Montemorelos, Nuevo Leon. Tree. Wild. Seed.
443712. 3369. Collected March 08, 1978. Along Highway 85, 6km north of Montemorelos, Nuevo Leon. Single plant. Tree. Wild. Seed.
443713. 3370. Collected March 08, 1978. Along Highway 85, 16km north of Montemorelos, Nuevo Leon. Tree. Wild. Seed.
443714. 3371. Collected March 08, 1978. Along Highway 85, 24km north of Montemorelos, Nuevo Leon. Single plant. Tree. Wild. Seed.
443715. 3372. Mexico. Uxmal, Yucatan. INIA, Ctr. de Invest. Agric. de la Pen. de Yuc. CPY 3. Collected June 01, 1978. Single plant. Mimosine percent in dry leaves: young 0.68, mature 0.89. Tree. Seed.
443716. 3373. Mexico. Uxmal, Yucatan. INIA, Ctr. de Invest. Agric. de la Pen. de Yuc. CPY 4. Collected June 01, 1978. Single plant. Mimosine percent in dry leaves: young 0.91, mature 0.58. Tree. Seed.
443717. 3374. Mexico. Uxmal, Yucatan. INIA, Ctr. de Invest. Agric. de la Pen. de Yuc. CPY 15. Collected June 01, 1978. Single plant. Mimosine percent in dry leaves: young 1.26, mature 0.63. Tree. Seed.
443718. 3375. Mexico. Uxmal, Yucatan. INIA, Ctr. de Invest. Agric. de la Pen. de Yuc. CPY 46. Collected June 01, 1978. Single plant. Mimosine percent in dry leaves: young 1.46, mature 0.88. Tree. Seed.
443719. 3376. Mexico. Uxmal, Yucatan. INIA, Ctr. de Invest. Agric. de la Pen. de Yuc. CPY 53. Collected June 01, 1978. Single plant. Mimosine percent in dry leaves: young 4.58, mature 1.13. Tree. Seed.

443555 TO 443721-continued

443720. 3377. Mexico. Uxmal, Yucatan. INIA, Ctr. de Invest. Agric. de la Pen. de Yuc. CPY 13. Collected June 01, 1978. Single plant. Mimosine percent in dry leaves: young 0.53, mature 0.23. Tree. Seed.

443721. 3378. Collected June 01, 1978. Along Highway 41, south of Jalpa, Zacatecas. Tree. Wild. Seed.

443722 TO 443726. *Leucaena macrophylla* Benth. (Fabaceae).

From Mexico. Collected by A. J. Cakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443722. 78-65c. Department of Horticulture, Univ. of Hawaii. K 468. Collected February 15, 1978. Along Highway 200, 1 km southwest of Arriaga, Chiapas. 200m. Area with long dry season, 120cm rainfall per annum. Plants to 6m tall. Leaves of variable size, leaflets to 3cm long, glands as on *L. shannonii*. Tree. Wild. Seed.

443723. 78-67. Department of Horticulture, Univ. of Hawaii. K 470. Collected February 15, 1978. Along Highway 200, 3km southeast of Arriaga, Chiapas. Single plant to 7m tall. Tree. Wild. Seed.

443724. 3244. Collected February 15, 1978. Along Highway 37, Playa Azul, Michoacan. Single plant. Tree. Wild. Seed.

443725. 3257. Collected February 16, 1978. Along Highway 37, 30km north of Nueva Italia, Michoacan. Single plant. Tree. Wild. Seed.

443726. 3259. Collected February 17, 1978. Along Highway 110, 10km north of Pihuamo, Jalisco. Single plant. Tree. Wild. Seed.

443727. *Leucaena pulverulenta* (Schlecht.) Benth. (Fabaceae).

From Mexico. Collected by A. J. Cakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3279. Collected February 21, 1978. Along Highway 140 near Jose Cardel, Veracruz. Single plant. Tree. Wild. Seed.

443728 TO 443738. *Leucaena shannonii* Donn. Smith (Fabaceae).

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443728. 78-36c. Department of Horticulture, Univ. of Hawaii. K 441. Collected February 08, 1978. Along Highway 180, 2km south of Lerma, Campeche. Plants to 6m tall. Branches from base, thin, straight. Leaflets large. No evidence of *L. leucocephala* x *L. shannonii* hybrids in area. Tree. Wild. Seed.
443729. 78-39c. Department of Horticulture, Univ. of Hawaii. K 444. Collected February 08, 1978. Seven km south of Lerma, Campeche. Plants small. Pods with heavy insect damage. Tree. Wild. Seed.
443730. 78-40c. Department of Horticulture, Univ. of Hawaii. K 445. Collected February 08, 1978. Leguminous forest on calcareous hills, 10km south of Lerma, Campeche. Plants to 10m tall. Pods thin, less than 1 cm wide. Tree. Wild. Seed.
443731. 78-42c. Department of Horticulture, Univ. of Hawaii. K 447. Collected February 08, 1978. Between Highway 180 and beach near Seybaplaya, Campeche. Tree. Wild. Seed.
443732. 78-46c. Department of Horticulture, Univ. of Hawaii. K 451. Collected February 09, 1978. Two km west of Berriozakal, Chiapas. 800m. Rainfall 110cm per annum. Plants to 6m tall, apparently photoperiod sensitive. Local name Uach. Tree. Wild. Seed.
443733. 78-68c. Department of Horticulture, Univ. of Hawaii. K 471. Collected February 15, 1978. Along Highway 195, 1 km southwest of Cardenas, Chiapas. 1000m. Arroyos wetter than surrounding area, rainfall 80cm per annum. Plants to 8m. Leaves abscise as pods fall. Flowering synchronous. Pods puberulent. Tree. Wild. Seed.
443734. 78-69. Department of Horticulture, Univ. of Hawaii. K 472. Collected February 15, 1978. One km southeast of Cardenas, Chiapas. Single plant. Pods early maturing, abundant. Tree. Wild. Seed.
443735. 78-70c. Department of Horticulture, Univ. of Hawaii. K 473. Collected February 15, 1978. Arroyos along Highway 190, 3km southwest of Cintalpa de Figueroa, Chiapas. Plants to 7m tall. Pods slightly glabrous, dehisce rapidly at maturity. Tree. Wild. Seed.

443728 TO 443738-continued

- 443736.** 78-71c. Department of Horticulture, Univ. of Hawaii. K 474. Collected February 15, 1978. Along Highway 190, 7km northeast of Cintalpa de Figueroa, Chiapas. Leaves with glands. Tree. Wild. Seed.
- 443737.** 78-72c. Department of Horticulture, Univ. of Hawaii. K 475. Collected February 15, 1978. Hilly terrain 10km east of Cintalpa de Figueroa, Chiapas. 800m. Rainfall 110cm per annum. Plants shrubby but some to 12m tall. Seeds large. Tree. Wild. Seed.
- 443738.** 78-74. Department of Horticulture, Univ. of Hawaii. K 477. Collected March 01, 1978. Vicinity of Champoton, Campeche. Pods not mature in February. Tree. Wild. Seed.

443739 TO 443740. *Leucaena* sp. (Fabaceae).

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

- 443739.** 3298. Collected February 23, 1978. Demonstration farm, Altamira, Tamaulipas. Single plant 10m tall, spreading. Leaves dark green. Tree. Wild. Seed.
- 443740.** 3336. Collected February 27, 1978. Garden, Saltillo, Coahuila. Single plant to 10m tall, spreading. Leaves and leaflets small, chlorotic. Flowers terminal. Tree. Cultivated. Seed.

443741. *Luffa aegyptiaca* Mill. (Cucurbitaceae) Vegetable sponge.

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3270. Collected February 20, 1978. White River, Veracruz. Vine. Fruits 35cm long, 10cm diam. Cultivated. Seed.

443742. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.

443742-continued
Received May 1979.

3180. Collected February 05, 1978. Garden along Highway 273, 12km north of Merida, Yucatan. Plants prostrate. Fruits 5cm diam. Cultivated. Seed.

443743 TO 443746. *Lysiloma* sp. (Fabaceae).

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443743. 78-51. Collected February 10, 1978. Along San Fernando-Tuxtla Gutierrez Highway, Chiapas. Single plant, thornless, 5m tall. Leaves compound. Seeds white. Tree. Wild. Seed.

443744. 78-63. Collected February 14, 1978. Ten km north of Huixtla, Chiapas. Single plant, thornless, 20m tall. Leaves compound. Pods open on one side, 2 x 15cm. Seeds white. Animals browse foliage. Tree. Wild. Seed.

443745. 3210. Collected February 13, 1978. Along Highway 95, 5km south of Chinconcuac near Xachitepec, Morelos. 1500m. Composite seed sample. Tree. Wild. Seed.

443746. 3233. Collected February 14, 1978. Along Highway 140 near Teloloapan, Guerrero. Composite seed sample. Tree. Wild. Seed.

443747 TO 443748. *Oryza sativa* L. (Poaceae) Rice.

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443747. 3219. 'Morelos A 70'. Mexico. Zacatepec, Morelos. INIA Agricultural Experiment Station. Collected February 13, 1978. Site infected with *Pyricularia oryza*. Cultivated. Seed.

443748. 3220. 'Tojutla Mejorado'. Mexico. Zacatepec, Morelos. INIA Agricultural Experiment Station. Collected February 13, 1978. Site infected with *Pyricularia oryza*. Cultivated. Seed.

443749. *Rhynchelytrum repens* (Willd.) C. E. Hubb. (Poaceae) Natalgrass.

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3342. Collected March 02, 1978. Along Highway 41, 2km north of Zapoqui, Zacatecas. Wild. Seed.

443750. Undetermined (Asteraceae).

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

3182. Collected February 05, 1978. Around ruins near Highway 273, 15km north of Merida, Yucatan. Herb, prostrate, 46cm tall. Flowers yellow, heads 1 cm diam. Wild. Seed.

443751 TO 443753. Undetermined (Fabaceae).

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.
Received May 1979.

443751. 3181. Collected February 05, 1978. Among *Leucaena* along Highway 273, 15km north of Merida, Yucatan. Spines recurved, 2-3mm long. Pods crinkled and twisted when dry, 2 x 8cm. Seeds transverse in pod. Tree. Wild. Seed.

443752. 3240. Collected February 15, 1978. Along Highway 200 near Alchaloa, Guerrero. Wild. Seed.

443753. 3258. Collected February 16, 1978. Along Highway 37, near Los Ranchos, Michoacan. Single plant. Leaves compound, leaflets four. Pods 35-45cm long, 1-2cm wide, black when mature. Tree. Wild. Seed.

443754. Undetermined.

From Mexico. Collected by A. J. Oakes and J. L. Brewbaker, Germplasm Resources Laboratory, USDA & Department of Horticulture, University of Hawaii, Beltsville, Maryland and Honolulu, Hawaii.

443754-continued

Received May 1979.

3353. Collected March 06, 1978. Along Highway 86, 10km east of Rio Verde, San Luis Potosi. Single plant among mountainous limestone rocks. Tree. Wild. Seed.

443755 TO 443757. *Zea mays* L. (Poaceae) Field corn.

From Mexico. Donated by Centro Internacional de Mejoramiento de Maiz y Trigo (CIMMYT), Mexico 6, D.F.

Received May 1980.

443755. A-2. Hybrid 592 F 1. China, Peoples Repub of. Beijing. Chinese Academy of Sciences. Small 8 row x watery white. Kwangsi Province. Cultivated. Seed.

443756. B-2. Shui-Bei. China, Peoples Repub of. Beijing. Chinese Academy of Sciences. Kwangsi Province. Kernels white. Cultivated. Seed.

443757. C-1. Dun Tze Huang. China, Peoples Repub of. Beijing. Chinese Academy of Sciences. Flint type, yellow. Inbred line developed from open pollinated material of same name. Cultivated. Seed.

443758. *Zea mays* L. (Poaceae) Field corn.

From China, Peoples Repub of. Donated by Ching-Isiung Li, Chinese Academy of Sciences, Beijing. Received through J. James, Centro Internacional de Mejoramiento de Maiz & Trigo, Mexico.

Received June 1980.

W 59E. Reselected Wisconsin line, phenotypically different from original line. Cultivated. Breeding material. Seed.

443759 TO 445665. *Zea mays* L. (Poaceae) Field corn.

From Colombia. Donated by Programa Maiz Y Sorgo, Instituto Colombiano Agropecuario (ICA), Medellin-Antioquia. Code numbers refer to state of origin collection number.

Received April 1980.

443759. Ant. 303. Antioquia State. 300m. Entered collection 1951B. Seeds white. Local name Cuba blanco. Cultivated. Seed.

443760. Ant. 304. Antioquia State. 1200m. Entered collection 1951B. Seeds white. Local name Cuba blanco. Cultivated. Seed.

443759 TO 445665-continued

443761. Ant. 307. Antioquia State. 1400m. Entered collection 1951B. Seeds white. Local name Cuba blanco. Cultivated. Seed.
443762. Ant. 308. Antioquia State. 1400m. Entered collection 1951B. Seeds white. Local name Cuba blanco. Cultivated. Seed.
443763. Ant. 315. Antioquia State. 1538m. Entered collection 1950B. Seeds white or yellow. Local name Cuba blanco. Cultivated. Seed.
443764. Ant. 318. Antioquia State. 2120m. Entered collection 1950B. White Montana race. Seeds floury, white. Local name Blanco de Puerto Berrio. Cultivated. Seed.
443765. Ant. 323. Antioquia State. 2120m. Entered collection 1950B. Seeds yellow. Local name Maiz Amarillo. Cultivated. Seed.
443766. Ant. 325. Antioquia State. 600m. Entered collection 1950B. Seeds white. Local name Blanco criollo. Cultivated. Seed.
443767. Ant. 328. Antioquia State. 700m. Entered collection 1950B. Seeds white. Local name Blanco criollo. Cultivated. Seed.
443768. Ant. 329. Antioquia State. 620m. Entered collection 1950B. Seeds white. Local name Blanco criollo. Cultivated. Seed.
443769. Ant. 330. Antioquia State. 620m. Entered collection 1950B. Seeds white. Local name Uruba. Cultivated. Seed.
443770. Ant. 331. Antioquia State. 800m. Entered collection 1950B. Seeds white. Local name Blancc. Cultivated. Seed.
443771. Ant. 332. Antioquia State. 400m. Entered collection 1950B. Seeds white. Local name Blanco. Cultivated. Seed.
443772. Ant. 333. Antioquia State. 2600m. Entered collection 1950B. Seeds white. Local name Blanquillo. Cultivated. Seed.
443773. Ant. 334. Antioquia State. 1500m. Entered collection 1950B. Seeds yellow. Local name Criollo. Cultivated. Seed.
443774. Ant. 335. Antioquia State. 1200m. Entered collection 1950B. Seeds white. Local name Criollo. Cultivated. Seed.
443775. Ant. 342. Antioquia State. 1500m. Entered collection

443759 TO 445665-continued

- 1951A. Seeds white. Local name Criollo de Guaca.
Cultivated. Seed.
443776. Ant. 343. Antioquia State. 1800m. Entered collection
1951A. Amagaceno race. Seeds yellow. Local name Amarillo.
Cultivated. Seed.
443777. Ant. 344. Antioquia State. 1800m. Entered collection
1951A. Seeds white. Local name Charrascaleno. Cultivated.
Seed.
443778. Ant. 345. Antioquia State. 1000m. Entered collection
1951A. Seeds yellow. Local name Amagaceno. Cultivated.
Seed.
443779. Ant. 346. Antioquia State. 1000m. Entered collection
1951A. Seeds white. Local name Cuba. Cultivated. Seed.
443780. Ant. 347. Antioquia State. 2500m. Entered collection
1951A. Seeds white. Local name Blanquillo. Cultivated.
Seed.
443781. Ant. 348. Antioquia State. 2150m. Entered collection
1951A. White Capiro race. Seeds floury, white. Local name
Capiro. Cultivated. Seed.
443782. Ant. 349. Antioquia State. 2530m. Entered collection
1951A. Seeds yellow. Local name Montana Amarillo.
Cultivated. Seed.
443783. Ant. 350. Antioquia State. 2180m. Entered collection
1951A. White Montana race. Seeds white. Local name Flanco.
Cultivated. Seed.
443784. Ant. 351. Antioquia State. 2100m. Entered collection
1951A. Seeds yellow. Local name Limeno. Cultivated. Seed.
443785. Ant. 352. Antioquia State. 2200m. Entered collection
1951A. Seeds yellow. Local name Montana. Cultivated. Seed.
443786. Ant. 353. Antioquia State. 2160m. Entered collection
1951A. Yellow Montana race. Seeds yellow. Local name
Criollo. Cultivated. Seed.
443787. Ant. 354. Antioquia State. 2600m. Entered collection
1951A. Capiro race. Seeds soft, floury. Local name Capiro.
Cultivated. Seed.
443788. Ant. 355. Antioquia State. 2130m. Entered collection
1951A. Yellow Montana race. Seeds yellow. Local name
Montana. Cultivated. Seed.
443789. Ant. 356. Antioquia State. 2000m. Entered collection

443759 TO 445665-continued

- 1951A. White Montana race. Seeds white. Local name Blanquillo. Cultivated. Seed.
443790. Ant. 357. Antioquia State. 2100m. Entered collection 1951A. White Montana race. Seeds white. Local name Elanco Montana. Cultivated. Seed.
443791. Ant. 358. Antioquia State. 2660m. Entered collection 1951A. Seeds white. Local name Blanquillo. Cultivated. Seed.
443792. Ant. 360. Antioquia State. 2400m. Entered collection 1951A. Seeds white. Local name Blanquillo. Cultivated. Seed.
443793. Ant. 361. Antioquia State. 2410m. Entered collection 1951A. Seeds yellow. Local name Montana. Cultivated. Seed.
443794. Ant. 363. Antioquia State. 1400m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
443795. Ant. 364. Antioquia State. 127m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
443796. Ant. 366. Antioquia State. 2000m. Entered collection 1952A. Seeds yellow. Local name Capachimorado. Cultivated. Seed.
443797. Ant. 367. Antioquia State. 2060m. Entered collection 1952A. Seeds yellow. Local name Urradeno. Cultivated. Seed.
443798. Ant. 368. Antioquia State. 1500m. Entered collection 1952A. Seeds yellow. Local name Capachimorado. Cultivated. Seed.
443799. Ant. 369. Antioquia State. 1000m. Entered collection 1952A. Seeds yellow. Local name Capachimorado. Cultivated. Seed.
443800. Ant. 370. Antioquia State. 600m. Entered collection 1952A. Seeds white. Local name Yucatano. Cultivated. Seed.
443801. Ant. 371. Antioquia State. 800m. Entered collection 1952A. Seeds white. Local name Blanco. Cultivated. Seed.
443802. Ant. 372. Antioquia State. 1200m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
443803. Ant. 373. Antioquia State. 780m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
443804. Ant. 374. Antioquia State. 1360m. Entered collection

443759 TO 445665-continued

- 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443805. Ant. 375. Antioquia State. 1240m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443806. Ant. 377. Antioquia State. 760m. Entered collection 1952B. Seeds yellow or white. Local name Cuba. Cultivated. Seed.
443807. Ant. 378. Antioquia State. 400m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
443808. Ant. 379. Antioquia State. 600m. Entered collection 1952B. Seeds yellow. Local name Maiz Cuba. Cultivated. Seed.
443809. Ant. 380. Antioquia State. 800m. Entered collection 1953B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443810. Ant. 381. Antioquia State. 400m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443811. Ant. 383. Antioquia State. 1600m. Entered collection 1953B. Seeds yellow. Local name Yucatan. Cultivated. Seed.
443812. Ant. 384. Antioquia State. 1200m. Entered collection 1953B. Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
443813. Ant. 385. Antioquia State. 400m. Entered collection 1953B. Seeds white. Local name Criollo. Cultivated. Seed.
443814. Ant. 386. Antioquia State. 1200m. Entered collection 1953B. Seeds white or yellow. Local name Blanquillo. Cultivated. Seed.
443815. Ant. 387. Antioquia State. 900m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
443816. Ant. 388. Antioquia State. 1400m. Entered collection 1953B. Seeds white or yellow. Local name Palanqueso. Cultivated. Seed.
443817. Ant. 389. Antioquia State. 800m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
443818. Ant. 390. Antioquia State. 400m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.

443759 TO 445665-continued

443819. Ant. 391. Antioquia State. 900m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
443820. Ant. 392. Antioquia State. 1500m. Entered collection 1953B. White Amagaceno race. Seeds white. Local name Blanco. Cultivated. Seed.
443821. Ant. 393. Antioquia State. 400m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
443822. Ant. 394. Antioquia State. 600m. Entered collection 1953B. Segregating Costeno race. Seeds yellow. Local name Colorado. Cultivated. Seed.
443823. Ant. 397. Antioquia State. 1100m. Entered collection 1953B. Seeds yellow. Local name Amagaceno. Cultivated. Seed.
443824. Ant. 398. Antioquia State. 800m. Entered collection 1953B. Seeds yellow or white. Local name Abreviador. Cultivated. Seed.
443825. Ant. 399. Antioquia State. 800m. Entered collection 1953B. Seeds yellow. Local name Chumilo. Cultivated. Seed.
443826. Ant. 400. Antioquia State. 800m. Entered collection 1953B. Seeds yellow. Local name Maiz Cuba. Cultivated. Seed.
443827. Ant. 401. Antioquia State. 800m. Entered collection 1954A. Seeds yellow. Local name Maiz Cuba. Cultivated. Seed.
443828. Ant. 402. Antioquia State. 1200m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443829. Ant. 403. Antioquia State. 800m. Entered collection 1954A. Seeds yellow. Local name Faldero. Cultivated. Seed.
443830. Ant. 404. Antioquia State. 80m. Entered collection 1954A. Seeds yellow. Local name Pontoneno. Cultivated. Seed.
443831. Ant. 405. Antioquia State. 800m. Entered collection 1954A. Seeds yellow or white. Local name Amarillo. Cultivated. Seed.
443832. Ant. 406. Antioquia State. 500m. Entered collection 1954A. Seeds yellow. Local name Pontoneno. Cultivated. Seed.
443833. Ant. 407. Antioquia State. 1000m. Entered collection

443759 TO 445665-continued

- 1954A. Seeds yellow. Local name Amagaceno. Cultivated. Seed.
443834. Ant. 408. Antioquia State. 80m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443835. Ant. 409. Antioquia State. 1200m. Entered collection 1954A. Seeds yellow or white. Local name Capachinegro. Cultivated. Seed.
443836. Ant. 410. Antioquia State. 75m. Entered collection 1954A. Seeds white. Local name Puya Caucano. Cultivated. Seed.
443837. Ant. 411. Antioquia State. 1200m. Entered collection 1954A. Seeds white. Local name Blanco. Cultivated. Seed.
443838. Ant. 412. Antioquia State. 900m. Entered collection 1954A. Seeds white. Local name Capotero. Cultivated. Seed.
443839. Ant. 413. Antioquia State. 1000m. Entered collection 1954A. Seeds white. Local name Blanco. Cultivated. Seed.
443840. Ant. 414. Antioquia State. 20m. Entered collection 1954A. Seeds yellow or white. Local name Maiz Cuba. Cultivated. Seed.
443841. Ant. 415. Antioquia State. 30m. Entered collection 1954A. Seeds yellow. Local name Amarillo grande. Cultivated. Seed.
443842. Ant. 416. Antioquia State. 30m. Entered collection 1954A. Seeds yellow. Local Maiz Cuba. Cultivated. Seed.
443843. Ant. 417. Antioquia State. 30m. Entered collection 1954A. Seeds yellow. Local name Maiz Cuba. Cultivated. Seed.
443844. Ant. 418. Antioquia State. 2150m. Entered collection 1954A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
443845. Ant. 423. Antioquia State. 2200m. Entered collection 1957A. Seeds yellow. Local name Del Carmen. Cultivated. Seed.
443846. Ant. 425. Antioquia State. 1800m. Entered collection 1957A. Seeds yellow. Local name Chococeno. Cultivated. Seed.
443847. Ant. 428. Antioquia State. 2200m. Entered collection 1957B. Seeds white. Local name Blanco Comun. Cultivated. Seed.
443848. Ant. 429. Antioquia State. 2200m. Entered collection

443759 TO 445665-continued

- 1957B. Seeds yellow. Local name Abreviador. Cultivated. Seed.
443849. Ant. 430. Antioquia State. 1200m. Entered collection 1957B. Seeds white. Local name Blanco. Cultivated. Seed.
443850. Ant. 431. Antioquia State. 2200m. Entered collection 1958A. Seeds yellow. Local name Abreviador. Cultivated. Seed.
443851. Ant. 432. Antioquia State. 1500m. Entered collection 1958A. Seeds white. Local name Yucatan. Cultivated. Seed.
443852. Ant. 435. Antioquia State. 2200m. Entered collection 1958A. Seeds yellow. Local name Abreviador. Cultivated. Seed.
443853. Ant. 436. Antioquia State. 1600m. Entered collection 1958A. Seeds yellow. Local name Criollo. Cultivated. Seed.
443854. Ant. 437. Antioquia State. 2640m. Entered collection 1958A. Seeds white. Local name Blanco Perla. Cultivated. Seed.
443855. Ant. 438. Antioquia State. 2200m. Entered collection 1958A. Seeds white. Local name Capio. Cultivated. Seed.
443856. Ant. 439. Antioquia State. 2200m. Entered collection 1958A. Seeds yellow. Local name Montana Amarillo. Cultivated. Seed.
443857. Ant. 440. Antioquia State. 2200m. Entered collection 1958A. Seeds white. Local name Montana Blanco. Cultivated. Seed.
443858. Ant. 441. Antioquia State. 2640m. Entered collection 1960A. Seeds white. Local name Blanco Perla. Cultivated. Seed.
443859. Ant. 442. Antioquia State. 2200m. Entered collection 1963B. Seeds yellow. Local name Maiz dulce. Cultivated. Seed.
443860. Ant. 443. Antioquia State. 2200m. Entered collection 1967. Seeds white. Local name Blanco. Cultivated. Seed.
443861. Ant. 445. Antioquia State. 2200m. Entered collection 1968. Seeds white. Local name Criollo. Cultivated. Seed.
443862. Ant. 446. Antioquia State. 460m. Entered collection 1968. Seeds white. Local name Blanquillo. Cultivated. Seed.
443863. Ant. 447. Antioquia State. 460m. Entered collection 1968.

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- Seeds yellow. Local name Regional. Cultivated. Seed.
443864. Ant. 448. Antioquia State. 1640m. Entered collection 1969A. Seeds yellow. Local name Regional. Cultivated. Seed.
443865. Ant. 449. Antioquia State. 2400m. Entered collection 1969A. Seeds yellow. Local name Regional. Cultivated. Seed.
443866. Ant. 450. Antioquia State. 2400m. Entered collection 1970A. Seeds yellow. Local name Regional. Cultivated. Seed.
443867. Ant. 451. Antioquia State. 1400m. Entered collection 1970A. Seeds white. Local name Regional. Cultivated. Seed.
443868. Ant. 452. Antioquia State. 1500m. Entered collection 1970A. Seeds white. Local name Regional. Cultivated. Seed.
443869. Ant. 453. Antioquia State. 1400m. Entered collection 1972. Seeds white. Local name Criollo. Cultivated. Seed.
443870. Ant. 454. Antioquia State. 1400m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443871. Ant. 455. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443872. Ant. 456. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443873. Ant. 457. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443874. Ant. 458. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443875. Ant. 459. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443876. Ant. 460. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443877. Ant. 461. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443878. Ant. 462. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443879. Ant. 463. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.

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443880. Ant. 464. Antioquia State. 1750m. Entered collection 1973. Seeds white. Local name Regional. Cultivated. Seed.
443881. Ant. 465. Antioquia State. 1750m. Entered collection 1973. Seeds floury, white. Local name Regional. Cultivated. Seed.
443882. Ant. 466. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443883. Ant. 467. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443884. Ant. 468. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443885. Ant. 469. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443886. Ant. 470. Antioquia State. 1750m. Entered collection 1973. Seeds yellow. Local name Regional. Cultivated. Seed.
443887. Ant. 471. Antioquia State. 2000m. Entered collection 1973. Seeds white flint. Local name Regional. Cultivated. Seed.
443888. Ant. 472. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443889. Ant. 473. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443890. Ant. 474. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443891. Ant. 475. Antioquia State. 1780m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443892. Ant. 476. Antioquia State. 1780m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443893. Ant. 477. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443894. Ant. 478. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated.

443759 TO 445665-continued
Seed.

443895. Ant. 479. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443896. Ant. 480. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443897. Ant. 481. Antioquia State. 1750m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443898. Ant. 482. Antioquia State. 1750m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443899. Ant. 483. Antioquia State. 1750m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443900. Ant. 484. Antioquia State. 1750m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443901. Ant. 485. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443902. Ant. 486. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443903. Ant. 487. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443904. Ant. 488. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443905. Ant. 489. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443906. Ant. 490. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443907. Ant. 491. Antioquia State. 2000m. Entered collection
1973. Seeds yellow flint. Local name Regional. Cultivated.
Seed.

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443908. Ant. 492. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443909. Ant. 493. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443910. Ant. 494. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443911. Ant. 495. Antioquia State. 1750m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443912. Ant. 496. Antioquia State. 1750m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443913. Ant. 497. Antioquia State. 1750m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443914. Ant. 498. Antioquia State. 1750m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443915. Ant. 499. Antioquia State. 2000m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443916. Ant. 500. Antioquia State. 1750m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443917. Ant. 501. Antioquia State. 1750m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443918. Ant. 502. Antioquia State. 2530m. Entered collection 1973. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443919. Ant. 503. Antioquia State. 2200m. Entered collection 1974B. Seeds white dent. Local name Regional. Cultivated. Seed.
443920. Ant. 504. Antioquia State. 2400m. Entered collection 1974B. Seeds white flint. Local name Regional. Cultivated. Seed.

443759 TO 445665-continued

443921. Ant. 505. Antioquia State. 2400m. Entered collection 1974B. Seeds floury, white. Local name Regional. Cultivated. Seed.
443922. Ant. 506. Antioquia State. 2000m. Entered collection 1975. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443923. Ant. 507. Antioquia State. 1800m. Entered collection 1976. Seeds white. Local name Regional. Cultivated. Seed.
443924. Ant. 508. Antioquia State. 2200m. Entered collection 1976. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443925. Ant. 509. Antioquia State. 2200m. Entered collection 1976. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443926. Ant. 510. Antioquia State. 2200m. Entered collection 1976. Seeds floury, white. Local name Regional. Cultivated. Seed.
443927. Ant. 511. Antioquia State. 2200m. Entered collection 1976. Seeds white flint. Local name Regional. Cultivated. Seed.
443928. Ant. 512. Antioquia State. 2500m. Entered collection 1976. Seeds white flint. Local name Regional. Cultivated. Seed.
443929. Ant. 513. Antioquia State. 2400m. Entered collection 1976. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443930. Ant. 514. Antioquia State. 2500m. Entered collection 1977. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443931. Ant. 515. Antioquia State. 2500m. Entered collection 1977. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443932. Ant. 516. Antioquia State. 2500m. Entered collection 1977. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443933. Ant. 517. Antioquia State. 2500m. Entered collection 1977. Seeds yellow flint. Local name Regional. Cultivated. Seed.
443934. Ant. 518. Antioquia State. 2500m. Entered collection

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1977. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443935. Ant. 519. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443936. Ant. 520. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Regional. Cultivated.
Seed.
443937. Ant. 521. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443938. Ant. 522. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443939. Ant. 523. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443940. Ant. 524. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443941. Ant. 525. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443942. Ant. 526. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443943. Ant. 527. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443944. Ant. 528. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443945. Ant. 529. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criolla. Cultivated.
Seed.
443946. Ant. 530. Antioquia State. 2500m. Entered collection
1977. Seeds yellow flint. Local name Criollo. Cultivated.
Seed.
443947. Ant. 531. Antioquia State. 2500m. Entered collection
1978. Seeds yellow flint. Local name Criollo. Cultivated.

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Seed.

443948. Ant. 532. Antioquia State. 2500m. Entered collection 1978. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443949. Ant. 533. Antioquia State. 2500m. Entered collection 1978. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443950. Ant. 534. Antioquia State. 2500m. Entered collection 1978. Seeds white flint. Local name Criollo. Cultivated. Seed.
443951. Ant. 535. Antioquia State. 2500m. Entered collection 1978. Seeds white flint. Local name Criollo. Cultivated. Seed.
443952. Ant. 536. Antioquia State. 2500m. Entered collection 1978. Seeds white flint. Local name Criollo. Cultivated. Seed.
443953. Ant. 537. Antioquia State. 2500m. Entered collection 1978. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443954. Ant. 538. Antioquia State. 2500m. Entered collection 1978. Seeds imbricated. Local name Criollo. Cultivated. Seed.
443955. Ant. 539. Antioquia State. 2500m. Entered collection 1978. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443956. Ant. 540. Antioquia State. 2500m. Entered collection 1978. Seeds floury, white. Local name Criollo. Cultivated. Seed.
443957. Ant. 541. Antioquia State. 2500m. Entered collection 1978. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443958. Ant. 542. Antioquia State. 2500m. Entered collection 1978. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443959. Ant. 543. Antioquia State. 2500m. Entered collection 1978. Seeds yellow. Limeno-type. Local name Criollo. Cultivated. Seed.
443960. Ant. 544. Antioquia State. 2500m. Entered collection 1978. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.

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443961. Ant. 545. Antioquia State. 2500m. Entered collection 1979. Seeds floury, white. Local name Criollo. Cultivated. Seed.
443962. Ant. 546. Antioquia State. 2500m. Entered collection 1979. Seeds white flint. Local name Criollo. Cultivated. Seed.
443963. Ant. 547. Antioquia State. 2500m. Entered collection 1979. Seeds white flint. Local name Criollo. Cultivated. Seed.
443964. Ant. 548. Antioquia State. 2500m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443965. Ant. 549. Antioquia State. 2500m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443966. Ant. 550. Antioquia State. 2500m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443967. Ant. 551. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443968. Ant. 552. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443969. Ant. 553. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443970. Ant. 554. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443971. Ant. 555. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443972. Ant. 556. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443973. Ant. 557. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.

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443974. Ant. 558. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443975. Ant. 559. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443976. Ant. 560. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443977. Ant. 561. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Crillo. Cultivated. Seed.
443978. Ant. 562. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443979. Ant. 563. Antioquia State. 2400m. Entered collection 1979. Seeds yellow flint. Local name Criollo. Cultivated. Seed.
443980. Atl. 301. Atlantico State. 30m. Entered collection 1950A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443981. Atl. 303. Atlantico State. 15m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
443982. Atl. 304. Atlantico State. 15m. Entered collection 1950A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
443983. Atl. 305. Atlantico State. 80m. Entered collection 1950A. Seeds yellow. Local name Ligirito. Cultivated. Seed.
443984. Atl. 306. Atlantico State. 314m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443985. Atl. 307. Atlantico State. 67m. Entered collection 1951B. Yellow Costeno race. Seeds yellow. Local name Cuba. Cultivated. Seed.
443986. Atl. 308. Atlantico State. 83m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443987. Atl. 309. Atlantico State. 100m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443988. Atl. 310. Atlantico State. 90m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.

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443989. Atl. 311. Atlantico State. 15m. Entered collection 1951B. Seeds yellow. Local name Lata. Cultivated. Seed.
443990. Atl. 312. Atlantico State. 15m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
443991. Atl. 313. Atlantico State. 8m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443992. Atl. 314. Atlantico State. 15m. Entered collection 1951B. Yellow Costeno race. Seeds yellow. Local name Cuba. Cultivated. Seed.
443993. Atl. 315. Atlantico State. 8m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443994. Atl. 316. Atlantico State. 285m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443995. Atl. 317. Atlantico State. 285m. Entered collection 1951B. Seeds yellow or white. Local name Cadena. Cultivated. Seed.
443996. Atl. 318. Atlantico State. 15m. Entered collection 1951B. Seeds yellow. Local name Cariaco. Cultivated. Seed.
443997. Atl. 319. Atlantico State. 8m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443998. Atl. 320. Atlantico State. 10m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
443999. Atl. 322. Atlantico State. 15m. Entered collection 1951B. Seeds white. Local name Singa. Cultivated. Seed.
444000. Atl. 323. Atlantico State. 314m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444001. Atl. 324. Atlantico State. 93m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444002. Atl. 325. Atlantico State. 18m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444003. Atl. 326. Atlantico State. 8m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444004. Atl. 327. Atlantico State. 10m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444005. Atl. 328. Atlantico State. 7m. Entered collection 1951B. White Costeno race. Seeds white. Local name Blanco.

443759 TO 445665-continued
Cultivated. Seed.

444006. Atl. 329. Atlantico State. 8m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444007. Atl. 330. Atlantico State. 100m. Entered collection
1951B. Seeds yellow. Local name Cariaco. Cultivated. Seed.
444008. Atl. 331. Atlantico State. 40m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444009. Arauca 301. Arauca State. 50m. Entered collection 1953B.
Seeds white. Local name Yucatan. Cultivated. Seed.
444010. Amazona 301. Amazona State. 150m. Entered collection
1975A. Seeds white. Local name Criollo. Cultivated. Seed.
444011. Cesar 301. Cesar State. 100m. Entered collection 1977A.
Seeds white. Local name Blanco Limeno. Cultivated. Seed.
444012. Cesar 302. Cesar State. 100m. Entered collection 1978A.
Seeds white. Local name Blanco Limeno. Cultivated. Seed.
444013. Bol. 302. Bolivar State. 50m. Entered collection 1951B.
Seeds yellow. Local name Chiquito. Cultivated. Seed.
444014. Bol. 303. Bolivar State. 50m. Entered collection 1951B.
Seeds yellow. Local name Chiquito. Cultivated. Seed.
444015. Bol. 304. Bolivar State. 33m. Entered collection 1951B.
Seeds yellow. Local name Chiquito. Cultivated. Seed.
444016. Bol. 305. Bolivar State. 21m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444017. Bol. 307. Bolivar State. 20m. Entered collection 1950A.
Seeds white. Local name Blanco. Cultivated. Seed.
444018. Bol. 308. Bolivar State. 20m. Entered collection 1950A.
Seeds white or yellow. Local name Criollo. Cultivated.
Seed.
444019. Bol. 310. Bolivar State. 30m. Entered collection 1950A.
Seeds cream-colored. Local name Amarillo Mompos.
Cultivated. Seed.
444020. Bol. 311. Bolivar State. 70m. Entered collection 1950A.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444021. Bol. 313. Bolivar State. 137m. Entered collection 1950A.
Seeds white and rose colored. Local name Blanco.
Cultivated. Seed.

443759 TO 445665-continued

444022. Bol. 314. Bolivar State. 152m. Entered collection 1950A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444023. Bol. 316. Bolivar State. 20m. Entered collection 1951B. White Costeno race. Seeds white. Local name Blanco. Cultivated. Seed.
444024. Bol. 319. Bolivar State. 800m. Entered collection 1951B. Seeds yellow. Local name Criollo. Cultivated. Seed.
444025. Bol. 321. Bolivar State. 5m. Entered collection 1951B. Seeds yellow to purple. Local name Criollo. Cultivated. Seed.
444026. Bol. 322. Bolivar State. 5m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444027. Bol. 323. Bolivar State. 227m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444028. Bol. 324. Bolivar State. 45m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444029. Bol. 326. Bolivar State. 11m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444030. Bol. 327. Bolivar State. 80m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444031. Bol. 328. Bolivar State. 3m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444032. Bol. 329. Bolivar State. 239m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444033. Bol. 330. Bolivar State. 167m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444034. Bol. 331. Bolivar State. 120m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.
444035. Bol. 332. Bolivar State. 150m. Entered collection 1951B. Seeds yellow segregating white. Local name Cuba. Cultivated. Seed.

443759 TO 445665-continued

444036. Bol. 333. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow segregating white. Local name Cuba.
Cultivated. Seed.
444037. Bol. 334. Bolivar State. 78m. Entered collection 1951B.
Seeds white. Local name Blanco Ligero. Cultivated. Seed.
444038. Bol. 335. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444039. Bol. 336. Bolivar State. 26m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444040. Bol. 337. Bolivar State. 70m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444041. Bol. 338. Bolivar State. 108m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444042. Bol. 339. Bolivar State. 32m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444043. Bol. 340. Bolivar State. 50m. Entered collection 1951B.
Seeds white. Local name Blanco Puya. Cultivated. Seed.
444044. Bol. 341. Bolivar State. 27m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444045. Bol. 342. Bolivar State. 137m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444046. Bol. 343. Bolivar State. 130m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444047. Bol. 345. Bolivar State. 33m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444048. Bol. 346. Bolivar State. 33m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444049. Bol. 347. Bolivar State. 35m. Entered collection 1951B.
Seeds white. Local name Blanco Puya. Cultivated. Seed.
444050. Bol. 348. Bolivar State. 35m. Entered collection 1951B.
Seeds white. Local name Criollo. Cultivated. Seed.
444051. Bol. 349. Bolivar State. 33m. Entered collection 1951B.
Seeds yellow. Local name Chiquito. Cultivated. Seed.
444052. Bol. 350. Bolivar State. 33m. Entered collection 1951B.
Seeds white. Local name Puya. Cultivated. Seed.

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444053. Bol. 351. Bolivar State. 33m. Entered collection 1951B.
Seeds white or yellow. Local name Puya. Cultivated. Seed.
444054. Bol. 352. Bolivar State. 49m. Entered collection 1951B.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444055. Bol. 353. Bolivar State. 40m. Entered collection 1951B.
Seeds yellow. Local name Blanco. Cultivated. Seed.
444056. Bol. 354. Bolivar State. 100m. Entered collection 1951B.
Seeds white. Local name Calentano. Cultivated. Seed.
444057. Bol. 356. Bolivar State. 43m. Entered collection 1951B.
Seeds yellow or white. Local name Cuba Casado. Cultivated.
Seed.
444058. Bol. 357. Bolivar State. 100m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444059. Bol. 358. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444060. Bol. 359. Bolivar State. 45m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444061. Bol. 360. Bolivar State. 50m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444062. Bol. 361. Bolivar State. 48m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444063. Bol. 362. Bolivar State. 50m. Entered collection 1951B.
Seeds white or yellow. Local name Blanco Cuba. Cultivated.
Seed.
444064. Bol. 368. Bolivar State. 45m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444065. Bol. 370. Bolivar State. 50m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444066. Bol. 371. Bolivar State. 50m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444067. Bol. 372. Bolivar State. 50m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444068. Bol. 374. Bolivar State. 80m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444069. Bol. 375. Bolivar State. 50m. Entered collection 1951B.
Costeno race. Seeds yellow. Local name Cuba. Cultivated.

443759 TO 445665-continued
Seed.

444070. Bol. 377. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow. Local name Cuba. Cultivated. Seed.
444071. Bol. 380. Bolivar State. 50m. Entered collection 1951B.
Seeds white. Local name Blanco. Cultivated. Seed.
444072. Bol. 382. Bolivar State. 100m. Entered collection 1951B.
Seeds soft, floury. Local name Cariaco. Cultivated. Seed.
444073. Bol. 384. Bolivar State. 100m. Entered collection 1951B.
Seeds white. Local name Caracoli. Cultivated. Seed.
444074. Bol. 385. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow. Local name Caracoli. Cultivated. Seed.
444075. Bol. 386. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow. Local name Caracoli. Cultivated. Seed.
444076. Bol. 387. Bolivar State. 100m. Entered collection 1951B.
Seeds yellow. Local name Caracoli. Cultivated. Seed.
444077. Bol. 388. Bolivar State. 200m. Entered collection 1951B.
Seeds white or cream-colored. Local name Criollo.
Cultivated. Seed.
444078. Boy. 309. Boyaca State. 1800m. Entered collection 1950B.
Seeds white. Local name Arroz duro. Cultivated. Seed.
444079. Boy. 311. Boyaca State. 140m. Entered collection 1950B.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
444080. Boy. 312. Boyaca State. 2200m. Entered collection 1950B.
Seeds yellow. Local name Criollo. Cultivated. Seed.
444081. Boy. 313. Boyaca State. 2000m. Entered collection 1950B.
Seeds yellow or white. Local name Arroz Amarillo.
Cultivated. Seed.
444082. Boy. 314. Boyaca State. 1200m. Entered collection 1950B.
Seeds light brown. Local name Cacao. Cultivated. Seed.
444083. Boy. 316. Boyaca State. 1800m. Entered collection 1951A.
Seeds yellow. Local name Chiquito. Cultivated. Seed.
444084. Boy. 321. Boyaca State. 1600m. Entered collection 1951A.
Seeds white. Local name Arroz. Cultivated. Seed.
444085. Boy. 324. Boyaca State. 2200m. Entered collection 1951A.
Seeds white. Local name Arroz. Cultivated. Seed.
444086. Boy. 327. Boyaca State. 1600m. Entered collection 1951A.

443759 TO 445665-continued

- Seeds white. Local name Arroz duro. Cultivated. Seed.
444087. Boy. 328. Boyaca State. 2000m. Entered collection 1951A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
444088. Boy. 329. Boyaca State. 1500m. Entered collection 1951A.
Seeds white. Local name Yucatan. Cultivated. Seed.
444089. Boy. 330. Boyaca State. 1800m. Entered collection 1951A.
Seeds white. Local name Yucatan. Cultivated. Seed.
444090. Boy. 331. Boyaca State. 2200m. Entered collection 1951A.
Seeds yellow and purple. Local name Caimo. Cultivated.
Seed.
444091. Boy. 332. Boyaca State. 2000m. Entered collection 1951A.
Seeds yellow. Local name Caimo. Cultivated. Seed.
444092. Boy. 333. Boyaca State. 1200m. Entered collection 1951A.
Seeds yellow. Local name Antioqueno. Cultivated. Seed.
444093. Boy. 334. Boyaca State. 2600m. Entered collection 1951A.
Seeds yellow. Local name Amarillo Harina. Cultivated.
Seed.
444094. Boy. 335. Boyaca State. 2200m. Entered collection 1951A.
Seeds white. Local name Arroz Blanco. Cultivated. Seed.
444095. Boy. 336. Boyaca State. 2000m. Entered collection 1951A.
Seeds red. Local name Arroz Colorado. Cultivated. Seed.
444096. Boy. 337. Boyaca State. 1700m. Entered collection 1951A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444097. Boy. 338. Boyaca State. 1800m. Entered collection 1951A.
Seeds yellow. Local name Igua amarillo. Cultivated. Seed.
444098. Boy. 341. Boyaca State. 1800m. Entered collection 1951A.
Seeds yellow. Local name Igua pintado. Cultivated. Seed.
444099. Boy. 342. Boyaca State. 2200m. Entered collection 1951A.
Seeds white. Local name Arroz. Cultivated. Seed.
444100. Boy. 343. Boyaca State. 1850m. Entered collection 1951A.
Seeds white. Local name Arroz. Cultivated. Seed.
444101. Boy. 344. Boyaca State. 2200m. Entered collection 1951A.
Seeds white. Local name Blanco de Harina. Cultivated.
Seed.
444102. Boy. 345. Boyaca State. 1200m. Entered collection 1951A.
Seeds floury, yellow. Local name Amarillo. Cultivated.
Seed.

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444103. Boy. 346. Boyaca State. 1700m. Entered collection 1951A.
Seeds brown. Local name Cacao. Cultivated. Seed.
444104. Boy. 347. Boyaca State. 1900m. Entered collection 1951A.
Seeds white. Local name Hondano. Cultivated. Seed.
444105. Boy. 348. Boyaca State. 1000m. Entered collection 1951A.
Seeds dark brown. Local name Porva de Harina. Cultivated.
Seed.
444106. Boy. 352. Boyaca State. 1800m. Entered collection 1951A.
Seeds floury, white. Local name Blanco de Harina.
Cultivated. Seed.
444107. Boy. 353. Boyaca State. 2300m. Entered collection 1951A.
Seeds white. Local name Claro blanco. Cultivated. Seed.
444108. Boy. 354. Boyaca State. 1900m. Entered collection 1951A.
Seeds yellow to light brown. Local name Amarillo.
Cultivated. Seed.
444109. Boy. 355. Boyaca State. 2100m. Entered collection 1951A.
Seeds light brown. Local name Espiga blanco. Cultivated.
Seed.
444110. Boy. 370. Boyaca State. 2800m. Entered collection 1951A.
Seeds yellow. Local name Arroz. Cultivated. Seed.
444111. Boy. 371. Boyaca State. 2150m. Entered collection 1951A.
Seeds white. Local name Arroz blanco. Cultivated. Seed.
444112. Boy. 374. Boyaca State. 2800m. Entered collection 1951A.
Seeds white. Local name Blanco de Harina. Cultivated.
Seed.
444113. Boy. 377. Boyaca State. 2800m. Entered collection 1951A.
Seeds yellow. Local name Arroz. Cultivated. Seed.
444114. Boy. 378. Boyaca State. 2550m. Entered collection 1951A.
Seeds floury, yellow. Local name Amarillo blandito.
Cultivated. Seed.
444115. Boy. 382. Boyaca State. 2300m. Entered collection 1951A.
Seeds yellow. Local name Chuyita. Cultivated. Seed.
444116. Boy. 385. Boyaca State. 2100m. Entered collection 1951A.
Seeds yellow. Local name Amarillo bajo. Cultivated. Seed.
444117. Boy. 386. Boyaca State. 2100m. Entered collection 1951A.
Seeds white or yellow. Local name Blanco Cuchuco.
Cultivated. Seed.

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444118. Boy. 390. Boyaca State. 2100m. Entered collection 1951A. Seeds yellow to light brown. Local name Guabito grande. Cultivated. Seed.
444119. Boy. 391. Boyaca State. 2300m. Entered collection 1951A. Seeds yellow or white. Local name Claro arroz. Cultivated. Seed.
444120. Boy. 394. Boyaca State. 2100m. Entered collection 1951A. Seeds cream-colored or yellow. Local name Chele. Cultivated. Seed.
444121. Boy. 397. Boyaca State. 2700m. Entered collection 1951A. Seeds yellow. Local name Arroz blanco. Cultivated. Seed.
444122. Boy. 399. Boyaca State. 2850m. Entered collection 1951A. Seeds yellow. Local name Arroz amarillo. Cultivated. Seed.
444123. Boy. 400. Boyaca State. 2500m. Entered collection 1951A. Seeds yellow. Local name Clarito. Cultivated. Seed.
444124. Boy. 402. Boyaca State. 2650m. Entered collection 1951A. Seeds white or yellow. Local name Blanco de Harina. Cultivated. Seed.
444125. Boy. 406. Boyaca State. 2600m. Entered collection 1951A. Imbricado race. Seeds imbricated, yellow or white. Local name Pira. Cultivated. Seed.
444126. Boy. 410. Boyaca State. 2000m. Entered collection 1951A. Local name Amarillo Rojo. Cultivated. Seed.
444127. Boy. 414. Boyaca State. 2650m. Entered collection 1951A. Seeds yellowish-brown. Local name Yema de huevo. Cultivated. Seed.
444128. Boy. 415. Boyaca State. 3000m. Entered collection 1951A. Seeds yellow or white. Local name Arroz blanco. Cultivated. Seed.
444129. Boy. 416. Boyaca State. 2000m. Entered collection 1951A. Seeds floury, yellow. Local name Amarillo blando. Cultivated. Seed.
444130. Boy. 421. Boyaca State. 2800m. Entered collection 1951A. Seeds yellow, rarely black. Local name Totano. Cultivated. Seed.
444131. Boy. 423. Boyaca State. 2600m. Entered collection 1951A. Seeds white. Local name Arroz claro. Cultivated. Seed.
444132. Boy. 424. Boyaca State. 1800m. Entered collection 1951A.

443759 TO 445665-continued

- Seeds white. Local name Guatecano. Cultivated. Seed.
444133. Boy. 425. Boyaca State. 2400m. Entered collection 1951A.
Seeds floury, yellow. Local name Maiz amarillo.
Cultivated. Seed.
444134. Boy. 426. Boyaca State. 2000m. Entered collection 1951A.
Segregating Sabanero race. Seeds yellow or white. Local
name Maiz blanco. Cultivated. Seed.
444135. Boy. 427. Boyaca State. 1740m. Entered collection 1951A.
Seeds white flint. Local name Maiz duro. Cultivated. Seed.
444136. Boy. 428. Boyaca State. 2900m. Entered collection 1952A.
Seeds floury, yellow. Local name Maiz Amarillo.
Cultivated. Seed.
444137. Boy. 429. Boyaca State. 1750m. Entered collection 1952A.
Seeds floury, yellow. Local name Maiz Amarillo.
Cultivated. Seed.
444138. Boy. 431. Boyaca State. 1700m. Entered collection 1952A.
Seeds floury, yellow. Local name Amarillo Mezuno.
Cultivated. Seed.
444139. Boy. 433. Boyaca State. 2000m. Entered collection 1952A.
Seeds yellow to light brown. Local name Maiz puya.
Cultivated. Seed.
444140. Boy. 434. Boyaca State. 2100m. Entered collection 1952A.
Seeds white. Local name Maiz Guatecano. Cultivated. Seed.
444141. Boy. 435. Boyaca State. 1750m. Entered collection 1952A.
Seeds yellow, rarely red. Local name Maiz pordito.
Cultivated. Seed.
444142. Boy. 437. Boyaca State. 1600m. Entered collection 1952A.
Seeds white or yellow. Local name Maiz amarillo.
Cultivated. Seed.
444143. Boy. 438. Boyaca State. 1850m. Entered collection 1952A.
Seeds floury, yellow. Local name Maiz amarillo.
Cultivated. Seed.
444144. Boy. 439. Boyaca State. 1760m. Entered collection 1952A.
Seeds floury, yellow. Local name Maiz amarillo.
Cultivated. Seed.
444145. Boy. 440. Boyaca State. 1700m. Entered collection 1952A.
Seeds yellow or white. Local name Maiz amarillo.
Cultivated. Seed.
444146. Boy. 441. Boyaca State. 1850m. Entered collection 1952A.

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- Seeds yellow or white. Local name Arroz chiguito.
Cultivated. Seed.
444147. Boy. 442. Boyaca State. 2000m. Entered collection 1952A.
Seeds yellow or purple. Local name Maiz amarillo.
Cultivated. Seed.
444148. Boy. 443. Boyaca State. 1750m. Entered collection 1952A.
Seeds white, rarely red. Local name Maiz blanco.
Cultivated. Seed.
444149. Boy. 444. Boyaca State. 1600m. Entered collection 1952A.
Seeds yellow or white. Local name Maiz arroz. Cultivated.
Seed.
444150. Boy. 445. Boyaca State. 1700m. Entered collection 1952A.
Seeds white. Local name Maiz pira. Cultivated. Seed.
444151. Boy. 446. Boyaca State. 1800m. Entered collection 1952A.
Cacao race. Seeds floury, yellow. Local name Maiz
chocolata. Cultivated. Seed.
444152. Boy. 447. Boyaca State. 1600m. Entered collection 1952A.
White Sabanero race. Seeds white. Local name Maiz blanco.
Cultivated. Seed.
444153. Boy. 448. Boyaca State. 1600m. Entered collection 1952A.
Seeds slender, white. Local name Maiz pira. Cultivated.
Seed.
444154. Boy. 449. Boyaca State. 1900m. Entered collection 1952A.
Seeds white or yellow. Local name Maiz pachano.
Cultivated. Seed.
444155. Boy. 450. Boyaca State. 1900m. Entered collection 1953A.
Pollo race. Seeds white. Local name Maiz Roita Grande.
Cultivated. Seed.
444156. Boy. 451. Boyaca State. 1800m. Entered collection 1953A.
Pollo race. Seeds white. Local name Maiz pira. Cultivated.
Seed.
444157. Boy. 452. Boyaca State. 1800m. Entered collection 1953A.
Pollo race. Seeds white. Local name Maiz arroz.
Cultivated. Seed.
444158. Boy. 453. Boyaca State. 1800m. Entered collection 1953A.
Pollo race. Seeds yellow or white. Local name Maiz pollo.
Cultivated. Seed.
444159. Boy. 456. Boyaca State. 1800m. Entered collection 1953A.
Seeds yellow. Local name Maiz noventano. Cultivated. Seed.

443759 TO 445665-continued

444160. Boy. 457. Boyaca State. 1800m. Entered collection 1953A. Seeds white. Local name Maiz pollito. Cultivated. Seed.
444161. Boy. 458. Boyaca State. 1800m. Entered collection 1953A. White Sabanero race. Seeds white. Local name Maiz pachuno. Cultivated. Seed.
444162. Boy. 459. Boyaca State. 1600m. Entered collection 1953A. Yellow Sabanero race. Seeds yellow. Local name Maiz chocolate. Cultivated. Seed.
444163. Boy. 460. Boyaca State. 1800m. Entered collection 1953A. Seeds floury, white and yellow. Local name Maiz arroz Blanco. Cultivated. Seed.
444164. Boy. 461. Boyaca State. 1800m. Entered collection 1953A. Seeds floury, yellow. Local name Maiz chocolate. Cultivated. Seed.
444165. Boy. 462. Boyaca State. 900m. Entered collection 1953A. Pira race. Seeds small, primitive pop type. Local name Maiz pira. Cultivated. Seed.
444166. Boy. 463. Boyaca State. 1400m. Entered collection 1953A. Seeds floury, yellow. Local name Cuarentano. Cultivated. Seed.
444167. Boy. 464. Boyaca State. 1200m. Entered collection 1954B. Seeds yellow or white. Local name Roita blanco. Cultivated. Seed.
444168. Boy. 465. Boyaca State. 1500m. Entered collection 1954B. Seeds floury, yellow. Local name Amarillo casado. Cultivated. Seed.
444169. Boy. 466. Boyaca State. 1200m. Entered collection 1954B. Pollo race. Seeds small. Local name Foita colorado. Cultivated. Seed.
444170. Boy. 470. Boyaca State. 1800m. Entered collection 1954B. Seeds variegated. Local name De la tierra. Cultivated. Seed.
444171. Boy. 473. Boyaca State. 800m. Entered collection 1954B. Seeds white or yellow. Local name Pira. Cultivated. Seed.
444172. Boy. 474. Boyaca State. 1800m. Entered collection 1954B. Seeds yellow. Local name Pira. Cultivated. Seed.
444173. Boy. 475. Boyaca State. 1800m. Entered collection 1954B. Seeds light brown. Local name Guabita. Cultivated. Seed.

443759 TO 445665-continued

444174. Boy. 476. Boyaca State. 1000m. Entered collection 1954B.
Seeds yellow. Local name Pollo. Cultivated. Seed.
444175. Boy. 477. Boyaca State. 1400m. Entered collection 1954B.
Seeds floury, white. Local name Blanco blando. Cultivated.
Seed.
444176. Boy. 478. Boyaca State. 1500m. Entered collection 1954B.
Seeds purple. Local name Duro. Cultivated. Seed.
444177. Boy. 479. Boyaca State. 1000m. Entered collection 1954B.
Seeds white or yellow. Local name De la tierra.
Cultivated. Seed.
444178. Boy. 480. Boyaca State. 1500m. Entered collection 1954B.
Seeds yellow. Local name Pollo. Cultivated. Seed.
444179. Boy. 481. Boyaca State. 1500m. Entered collection 1954B.
Seeds yellow. Local name Guabito cuarentano. Cultivated.
Seed.
444180. Boy. 482. Boyaca State. 2600m. Entered collection 1954E.
Seeds floury, yellow. Local name Amarillo blando.
Cultivated. Seed.
444181. Boy. 483. Boyaca State. 2600m. Entered collection 1954E.
Seeds white. Local name Maiz arroz. Cultivated. Seed.
444182. Boy. 484. Boyaca State. 2600m. Entered collection 1955A.
Seeds yellow. Local name Amarillo duro. Cultivated. Seed.
444183. Boy. 485. Boyaca State. 2540m. Entered collection 1955A.
Seeds yellow. Local name Porca amarilla. Cultivated. Seed.
444184. Boy. 486. Boyaca State. 2540m. Entered collection 1955A.
Seeds bronze. Local name Cacao. Cultivated. Seed.
444185. Boy. 488. Boyaca State. 2400m. Entered collection 1955A.
Seeds small. Local name Criollo. Cultivated. Seed.
444186. Boy. 489. Boyaca State. 2200m. Entered collection 1955A.
Pollo race. Seeds small. Local name Criollo. Cultivated.
Seed.
444187. Boy. 490. Boyaca State. 3000m. Entered collection 1955A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
444188. Boy. 493. Boyaca State. 2570m. Entered collection 1968A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
444189. Boy. 494. Boyaca State. 2570m. Entered collection 1968A.
Seeds floury, yellow. Local name Criollo. Cultivated.

443759 TO 445665-continued
Seed.

444190. Boy. 495. Boyaca State. 2570m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444191. Boy. 496. Boyaca State. 2570m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444192. Boy. 497. Boyaca State. 2570m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444193. Boy. 498. Boyaca State. 2570m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444194. Boy. 499. Boyaca State. 2570m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444195. Boy. 500. Boyaca State. 2600m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444196. Boy. 501. Boyaca State. 2700m. Entered collection 1973A. Seeds yellow. Local name Capillero. Cultivated. Seed.
444197. Boy. 502. Boyaca State. 2600m. Entered collection 1973A. Seeds floury, yellow. Local name Anfrito. Cultivated. Seed.
444198. Boy. 503. Boyaca State. 2600m. Entered collection 1973A. Seeds floury, yellow. Local name Amarillo porva. Cultivated. Seed.
444199. Boy. 504. Boyaca State. 2600m. Entered collection 1973A. Seeds floury, yellow. Local name Amarillo y cacao. Cultivated. Seed.
444200. Boy. 505. Boyaca State. 2600m. Entered collection 1973A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444201. Boy. 506. Boyaca State. 2600m. Entered collection 1973A. Seeds yellowish-purple. Local name Guanama. Cultivated. Seed.
444202. Boy. 507. Boyaca State. 2500m. Entered collection 1973A. Seeds yellowish-purple. Local name Cacao. Cultivated. Seed.
444203. Boy. 508. Boyaca State. 2500m. Entered collection 1973A. Seeds yellowish-purple. Local name Chelele. Cultivated. Seed.
444204. Boy. 509. Boyaca State. 2500m. Entered collection 1973A. Seeds yellowish-purple. Local name Caova. Cultivated. Seed.

443759 TO 445665-continued

444205. Boy. 510. Boyaca State. 2500m. Entered collection 1973A.
Seeds floury, yellow. Local name Criollo. Cultivated.
Seed.
444206. Boy. 511. Boyaca State. 2500m. Entered collection 1973A.
Seeds white flint. Local name Criollo. Cultivated. Seed.
444207. Boy. 512. Boyaca State. 2600m. Entered collection 1973A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
444208. Boy. 513. Boyaca State. 2400m. Entered collection 1978.
Seeds floury, yellow. Local name Criollo. Cultivated.
Seed.
444209. Boy. 514. Boyaca State. 2400m. Entered collection 1978.
Seeds floury, yellow. Local name Criollo. Cultivated.
Seed.
444210. Boy. 515. Boyaca State. 2400m. Entered collection 1978.
Seeds floury, yellow. Local name Criollo. Cultivated.
Seed.
444211. Boy. 516. Boyaca State. 2400m. Entered collection 1978.
Seeds floury, yellow. Local name Criollo. Cultivated.
Seed.
444212. Cal. 301. Caldas State. 1000m. Entered collection 1950A.
Seeds yellow. Local name Precoz. Cultivated. Seed.
444213. Cal. 302. Caldas State. 1000m. Entered collection 1950A.
Seeds white. Local name Blanco Flint. Cultivated. Seed.
444214. Cal. 303. Caldas State. 1200m. Entered collection 1950A.
Seeds yellow or white flint. Local name Amarillo.
Cultivated. Seed.
444215. Cal. 304. Caldas State. 1000m. Entered collection 1950A.
Seeds white flint. Local name Blanco del Valle.
Cultivated. Seed.
444216. Cal. 305. Caldas State. 1160m. Entered collection 1950A.
Seeds white flint. Local name Blanco. Cultivated. Seed.
444217. Cal. 306. Caldas State. 1871m. Entered collection 1950A.
Seeds white. Local name Mico mezclado. Cultivated. Seed.
444218. Cal. 307. Caldas State. 1600m. Entered collection 1950A.
Seeds yellow. Local name Mico mezclado. Cultivated. Seed
444219. Cal. 308. Caldas State. 1000m. Entered collection 1950A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.

443759 TO 445665-continued

444220. Cal. 309. Caldas State. 1000m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
444221. Cal. 310. Caldas State. 650m. Entered collection 1950A. Seeds white and rose-colored. Local name Cuba blanco. Cultivated. Seed.
444222. Cal. 311. Caldas State. 750m. Entered collection 1950A. Seeds white flint. Local name Yucatan. Cultivated. Seed.
444223. Cal. 312. Caldas State. 750m. Entered collection 1950A. Seeds white. Local name Yucatan. Cultivated. Seed.
444224. Cal. 313. Caldas State. 1100m. Entered collection 1950A. Seeds white. Local name Cuba. Cultivated. Seed.
444225. Cal. 314. Caldas State. 1200m. Entered collection 1950A. Seeds white. Local name Casado. Cultivated. Seed.
444226. Cal. 315. Caldas State. 1400m. Entered collection 1950A. Seeds white to yellow. Local name Amarillo casado. Cultivated. Seed.
444227. Cal. 316. Caldas State. 1100m. Entered collection 1950A. Seeds yellow. Local name Amarillo corriente. Cultivated. Seed.
444228. Cal. 317. Caldas State. 1300m. Entered collection 1950A. Seeds yellow. Local name Amarillo corriente. Cultivated. Seed.
444229. Cal. 318. Caldas State. 1200m. Entered collection 1950A. Seeds yellow. Local name Amarillo corriente. Cultivated. Seed.
444230. Cal. 319. Caldas State. 1200m. Entered collection 1950A. Seeds yellow. Local name Amarillo corriente. Cultivated. Seed.
444231. Cal. 320. Caldas State. 900m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
444232. Cal. 321. Caldas State. 1000m. Entered collection 1950B. Seeds white. Local name Blanco. Cultivated. Seed.
444233. Cal. 322. Caldas State. 1000m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444234. Cal. 323. Caldas State. 900m. Entered collection 1950B. Seeds white. Local name Blanco. Cultivated. Seed.
444235. Cal. 324. Caldas State. 1000m. Entered collection 1950B.

443759 TO 445665-continued

Seeds white and rose-colored. Local name Diente de Caballo. Cultivated. Seed.

444236. Cal. 325. Caldas State. 900m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444237. Cal. 326. Caldas State. 1200m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444238. Cal. 327. Caldas State. 1400m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444239. Cal. 328. Caldas State. 1200m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444240. Cal. 329. Caldas State. 1200m. Entered collection 1950E. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444241. Cal. 330. Caldas State. 1200m. Entered collection 1950B. Seeds yellow or white. Local name Amarillo. Cultivated. Seed.
444242. Cal. 332. Caldas State. 1250m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444243. Cal. 333. Caldas State. 900m. Entered collection 1950B. Seeds yellow or white. Local name Elanco. Cultivated. Seed.
444244. Cal. 335. Caldas State. 1200m. Entered collection 1950E. Seeds yellow. Local name Casado grueso. Cultivated. Seed.
444245. Cal. 338. Caldas State. 1300m. Entered collection 1950B. Seeds yellow. Local name Mico. Cultivated. Seed.
444246. Cal. 341. Caldas State. 1300m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444247. Cal. 342. Caldas State. 1400m. Entered collection 1950B. Seeds white. Local name Urradeno. Cultivated. Seed.
444248. Cal. 343. Caldas State. 1350m. Entered collection 1950E. Seeds white. Local name Urradeno. Cultivated. Seed.
444249. Cal. 344. Caldas State. 250m. Entered collection 1950B. Seeds white. Local name Clavo. Cultivated. Seed.
444250. Cal. 345. Caldas State. 2210m. Entered collection 1951A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444251. Cal. 346. Caldas State. 1100m. Entered collection 1951A. Seeds white. Local name Cremoso. Cultivated. Seed.

443759 TO 445665-continued

444252. Cal. 347. Caldas State. 900m. Entered collection 1951A. Seeds yellow. Local name Italiano. Cultivated. Seed.
444253. Cal. 352. Caldas State. 1500m. Entered collection 1952B. Seeds white. Local name Blanco comun. Cultivated. Seed.
444254. Cal. 353. Caldas State. 1500m. Entered collection 1952B. Segregating Comun race. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444255. Cal. 354. Caldas State. 500m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444256. Cal. 355. Caldas State. 1600m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444257. Cal. 356. Caldas State. 1619m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444258. Cal. 357. Caldas State. 1500m. Entered collection 1952B. Seeds white. Local name Amarillo. Cultivated. Seed.
444259. Cal. 358. Caldas State. 1300m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444260. Cal. 359. Caldas State. 1438m. Entered collection 1952B. Seeds white, rarely red. Local name Diente de caballo. Cultivated. Seed.
444261. Cal. 361. Caldas State. 1438m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444262. Cal. 362. Caldas State. 1600m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444263. Cal. 363. Caldas State. 1383m. Entered collection 1952B. Seeds white. Local name Maiz indio. Cultivated. Seed.
444264. Cal. 365. Caldas State. 1380m. Entered collection 1952B. Seeds white. Local name Indio casado. Cultivated. Seed.
444265. Cal. 366. Caldas State. 1543m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444266. Cal. 367. Caldas State. 1600m. Entered collection 1952B. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
444267. Cal. 368. Caldas State. 1325m. Entered collection 1952B. Seeds white or yellow. Local name Urradeno. Cultivated. Seed.

443759 TO 445665-continued

444268. Cal. 370. Caldas State. 460m. Entered collection 1952B.
Seeds white. Local name Clavo. Cultivated. Seed.
444269. Cal. 371. Caldas State. 340m. Entered collection 1952B.
Seeds white. Local name Clavo. Cultivated. Seed.
444270. Cal. 372. Caldas State. 340m. Entered collection 1952B.
Seeds white. Local name Clavo. Cultivated. Seed.
444271. Cal. 373. Caldas State. 340m. Entered collection 1955A.
Seeds white. Local name Grueso. Cultivated. Seed.
444272. Cal. 374. Caldas State. 340m. Entered collection 1955A.
Seeds white. Local name Clavo. Cultivated. Seed.
444273. Cal. 375. Caldas State. 350m. Entered collection 1955A.
Seeds white. Local name Clavo. Cultivated. Seed.
444274. Cal. 376. Caldas State. 840m. Entered collection 1955A.
Seeds white. Local name Blanco. Cultivated. Seed.
444275. Cal. 377. Caldas State. 600m. Entered collection 1955A.
Seeds white. Local name Calilla. Cultivated. Seed.
444276. Cal. 378. Caldas State. 800m. Entered collection 1974A.
Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
444277. Cal. 379. Caldas State. 800m. Entered collection 1974A.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
444278. Cag. 301. Caqueta State. 400m. Entered collection 1950A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
444279. Cag. 302. Caqueta State. 450m. Entered collection 1950A.
Seeds white. Local name Blanco. Cultivated. Seed.
444280. Cag. 303. Caqueta State. 400m. Entered collection 1950A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444281. Cag. 304. Caqueta State. 300m. Entered collection 1950A.
Seeds white. Local name Blanco. Cultivated. Seed.
444282. Cag. 305. Caqueta State. 300m. Entered collection 1950A.
Segregating Caqueteno race. Seeds white. Local name
Blanco casado. Cultivated. Seed.
444283. Cag. 306. Caqueta State. 450m. Entered collection 1950A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444284. Cag. 307. Caqueta State. 450m. Entered collection 1955A.
Seeds white. Local name Blanco. Cultivated. Seed.

443759 TO 445665-continued

444285. Cag. 308. Caqueta State. 490m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444286. Cag. 309. Caqueta State. 400m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444287. Cag. 310. Caqueta State. 400m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444288. Cag. 311. Caqueta State. 700m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444289. Cag. 312. Caqueta State. 400m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444290. Cag. 313. Caqueta State. 400m. Entered collection 1955A. Seeds yellow. Local name Matizado. Cultivated. Seed.
444291. Cag. 314. Caqueta State. 480m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444292. Cag. 315. Caqueta State. 500m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444293. Cag. 317. Caqueta State. 700m. Entered collection 1955A. Segregating Caqueteno race. Seeds white. Local name Blanco. Cultivated. Seed.
444294. Cag. 318. Caqueta State. 700m. Entered collection 1955A. Seeds yellow or white. Local name Amarillo. Cultivated. Seed.
444295. Cag. 319. Caqueta State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444296. Cag. 320. Caqueta State. 700m. Entered collection 1955A, Segregating Andagui race. Seeds white. Local name Blanco. Cultivated. Seed.
444297. Cag. 321. Caqueta State. 700m. Entered collection 1955A. Andagui race. Seeds white. Local name Blanco. Cultivated. Seed.
444298. Cag. 322. Caqueta State. 400m. Entered collection 1955A. Seeds yellow or white. Local name Amarillo. Cultivated. Seed.
444299. Cag. 323. Caqueta State. 400m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444300. Cag. 324. Caqueta State. 700m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.

443759 TO 445665-continued

444301. Cag. 325. Caqueta State. 700m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444302. Cag. 326. Caqueta State. 490m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444303. Cag. 327. Caqueta State. 700m. Entered collection 1955A. Andagui race. Seeds white. Local name Blanco. Cultivated. Seed.
444304. Cag. 328. Caqueta State. 670m. Entered collection 1955A. Seeds white. Local name Blanco 2. Cultivated. Seed.
444305. Cag. 329. Caqueta State. 700m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444306. Cag. 330. Caqueta State. 700m. Entered collection 1955A. Seeds yellow. Local name Tachuela. Cultivated. Seed.
444307. Cag. 331. Caqueta State. 700m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444308. Cag. 332. Caqueta State. 700m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444309. Cag. 333. Caqueta State. 500m. Entered collection 1955A. Andagui race. Seeds white. Local name Blanco. Cultivated. Seed.
444310. Cag. 334. Caqueta State. 480m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444311. Cag. 335. Caqueta State. 500m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444312. Cag. 336. Caqueta State. 480m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444313. Cag. 337. Caqueta State. 1200m. Entered collection 1968A. Seeds white. Local name Pira. Cultivated. Seed.
444314. Cag. 338. Caqueta State. 450m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444315. Cag. 339. Caqueta State. 450m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444316. Cag. 340. Caqueta State. 500m. Entered collection 1968A. Seeds yellow. Local name Regional. Cultivated. Seed.
444317. Cag. 341. Caqueta State. 600m. Entered collection 1968A. Seeds white or yellow. Local name Regional. Cultivated.

443759 TO 445665-continued

Seed.

444318. Cag. 342. Caqueta State. 450m. Entered collection 1968A. Seeds yellow. Local name Regional. Cultivated. Seed.
444319. Cag. 343. Caqueta State. 500m. Entered collection 1968A. Seeds yellow. Local name Regional. Cultivated. Seed.
444320. Cag. 344. Caqueta State. 500m. Entered collection 1968A. Seeds white. Local name Regional. Cultivated. Seed.
444321. Cag. 345. Caqueta State. 500m. Entered collection 1968A. Seeds yellow. Local name Pira del indio. Cultivated. Seed.
444322. Cag. 346. Caqueta State. 500m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444323. Cag. 347. Caqueta State. 500m. Entered collection 1968A. Seeds yellow. Local name Pira del indio. Cultivated. Seed.
444324. Cag. 348. Caqueta State. 500m. Entered collection 1974A. Seeds white. Local name Criollo. Cultivated. Seed.
444325. Cag. 349. Caqueta State. 500m. Entered collection 1978A. Seeds white. Local name Criollo. Cultivated. Seed.
444326. Cag. 350. Caqueta State. 500m. Entered collection 1978A. Seeds white. Local name Criollo. Cultivated. Seed.
444327. Cauca 301. Cauca State. 1080m. Entered collection 1950A. Seeds white. Local name Blanco comun. Cultivated. Seed.
444328. Cauca 302. Cauca State. 1080m. Entered collection 1950A. Seeds yellow. Local name Venezuela. Cultivated. Seed.
444329. Cauca 303. Cauca State. 1080m. Entered collection 1950A. Seeds yellow. Local name Cubaxcolombia. Cultivated. Seed.
444330. Cauca 304. Cauca State. 1750m. Entered collection 1950A. Seeds white or yellow. Local name Blanco ligero. Cultivated. Seed.
444331. Cauca 305. Cauca State. 1800m. Entered collection 1950A. Seeds white or yellow. Local name Amarillo comun. Cultivated. Seed.
444332. Cauca 306. Cauca State. 1725m. Entered collection 1950A. Seeds cream-colored. Local name Azufrado. Cultivated. Seed.
444333. Cauca 307. Cauca State. 1750m. Entered collection 1950A. Seeds cream-colored. Local name Amarillo comun. Cultivated. Seed.

443759 TO 445665-continued

444334. Cauca 308. Cauca State. 2000m. Entered collection 1950A.
Seeds white. Local name Blanquillo. Cultivated. Seed.
444335. Cauca 311. Cauca State. 1100m. Entered collection 1950B.
Seeds white, rarely purple. Local name Blanco. Cultivated.
Seed.
444336. Cauca 312. Cauca State. 1100m. Entered collection 1950E.
Seeds yellow. Local name Precoz. Cultivated. Seed.
444337. Cauca 313. Cauca State. 1050m. Entered collection 1950B.
Seeds white. Local name Clavo. Cultivated. Seed.
444338. Cauca 314. Cauca State. 1100m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.
444339. Cauca 315. Cauca State. 1100m. Entered collection 1950B.
Seeds white. Local name Blanco. Cultivated. Seed.
444340. Cauca 316. Cauca State. 1100m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.
444341. Cauca 317. Cauca State. 1100m. Entered collection 1950B.
Seeds yellow. Local name Precoz. Cultivated. Seed.
444342. Cauca 318. Cauca State. 1500m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.
444343. Cauca 319. Cauca State. 1100m. Entered collection 1950B.
Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444344. Cauca 320. Cauca State. 1100m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.
444345. Cauca 321. Cauca State. 1100m. Entered collection 1950B.
Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444346. Cauca 322. Cauca State. 1200m. Entered collection 1950E.
Seeds yellow. Local name Yunga. Cultivated. Seed.
444347. Cauca 324. Cauca State. 1200m. Entered collection 1950B.
Seeds yellow. Local name Diente de Caballo. Cultivated.
Seed.
444348. Cauca 325. Cauca State. 1200m. Entered collection 1950B.
Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444349. Cauca 326. Cauca State. 950m. Entered collection 1950B.
Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444350. Cauca 327. Cauca State. 950m. Entered collection 1950B.
Seeds white. Local name Blanco. Cultivated. Seed.

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444351. Cauca 328. Cauca State. 1600m. Entered collection 1950B. Seeds yellow. Local name Matambre. Cultivated. Seed.
444352. Cauca 329. Cauca State. 1600m. Entered collection 1950E. Seeds yellow. Local name Amarillo de ano. Cultivated. Seed.
444353. Cauca 330. Cauca State. 1670m. Entered collection 1950E. Seeds yellow. Local name Amarillo de ano. Cultivated. Seed.
444354. Cauca 331. Cauca State. 1600m. Entered collection 1950E. Amagaceno race. Seeds yellow. Local name Amarillo de ano. Cultivated. Seed.
444355. Cauca 332. Cauca State. 1500m. Entered collection 1950E. Seeds yellow. Local name Yunga. Cultivated. Seed.
444356. Cauca 333. Cauca State. 1670m. Entered collection 1950B. Seeds yellow. Local name Amarillo de ano. Cultivated. Seed.
444357. Cauca 334. Cauca State. 1500m. Entered collection 1950B. Seeds yellow. Local name Amarillo de ano. Cultivated. Seed.
444358. Cauca 335. Cauca State. 1790m. Entered collection 1950B. Seeds white. Local name Valluno. Cultivated. Seed.
444359. Cauca 336. Cauca State. 1790m. Entered collection 1950E. Seeds yellow. Local name Amarillo de ano. Cultivated. Seed.
444360. Cauca 337. Cauca State. 1000m. Entered collection 1950E. Seeds white. Local name Blanco comun. Cultivated. Seed.
444361. Cauca 338. Cauca State. 1300m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444362. Cauca 339. Cauca State. 1000m. Entered collection 1950E. Seeds yellow or white. Local name Calentano Blanco. Cultivated. Seed.
444363. Cauca 340. Cauca State. 1000m. Entered collection 1950E. Seeds yellow. Local name Calentano amarillo. Cultivated. Seed.
444364. Cauca 341. Cauca State. 1000m. Entered collection 1950E. Seeds yellow. Local name Amarillo calentano. Cultivated. Seed.
444365. Cauca 342. Cauca State. 1000m. Entered collection 1950E.

443759 TO 445665-continued

- Seeds yellow. Local name Amarillo ligero. Cultivated. Seed.
444366. Cauca 343. Cauca State. 800m. Entered collection 1950B. White Comun race. Seeds white. Local name Elanco comun. Cultivated. Seed.
444367. Cauca 345. Cauca State. 600m. Entered collection 1950B. Seeds white. Local name Blanco comun. Cultivated. Seed.
444368. Cauca 346. Cauca State. 600m. Entered collection 1950B. Seeds cream-colored. Local name Blanco. Cultivated. Seed.
444369. Cauca 347. Cauca State. 1300m. Entered collection 1950B. Seeds yellow. Local name Venezuela. Cultivated. Seed.
444370. Cauca 348. Cauca State. 600m. Entered collection 1950B. Seeds white. Local name Blanco. Cultivated. Seed.
444371. Cauca 349. Cauca State. 500m. Entered collection 1950B. Seeds white. Local name Muela de Caballo. Cultivated. Seed.
444372. Cauca 350. Cauca State. 600m. Entered collection 1950B. Seeds white. Local name Casado. Cultivated. Seed.
444373. Cauca 351. Cauca State. 1000m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444374. Cauca 352. Cauca State. 500m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444375. Cauca 353. Cauca State. 600m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444376. Cauca 354. Cauca State. 600m. Entered collection 1950B. Seeds white. Local name Curruntillo. Cultivated. Seed.
444377. Cauca 355. Cauca State. 400m. Entered collection 1950B. Seeds white. Local name Comun. Cultivated. Seed.
444378. Cauca 356. Cauca State. 400m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444379. Cauca 357. Cauca State. 400m. Entered collection 1950B. Seeds white. Local name Blanco comun. Cultivated. Seed.
444380. Cauca 358. Cauca State. 600m. Entered collection 1950B. Seeds white. Local name Amarillo crema. Cultivated. Seed.
444381. Cauca 359. Cauca State. 400m. Entered collection 1950B. Seeds white. Local name Blanco comun. Cultivated. Seed.

443759 TO 445665-continued

444382. Cauca 360. Cauca State. 1100m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444383. Cauca 361. Cauca State. 1100m. Entered collection 1950B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444384. Cauca 362. Cauca State. 1700m. Entered collection 1950B. Seeds yellow. Local name Friano. Cultivated. Seed.
444385. Cauca 363. Cauca State. 1700m. Entered collection 1950B. Seeds yellow or white. Local name Amarillo chiquito. Cultivated. Seed.
444386. Cauca 364. Cauca State. 1490m. Entered collection 1950B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444387. Cauca 365. Cauca State. 1560m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444388. Cauca 366. Cauca State. 1560m. Entered collection 1951B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444389. Cauca 367. Cauca State. 1350m. Entered collection 1951B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444390. Cauca 368. Cauca State. 1780m. Entered collection 1951B. Seeds yellow. Local name Chiquito casado. Cultivated. Seed.
444391. Cauca 369. Cauca State. 1300m. Entered collection 1951B. Seeds yellow. Local name Amarillo calentano. Cultivated. Seed.
444392. Cauca 370. Cauca State. 1777m. Entered collection 1951B. Seeds yellow or white. Local name Matitui. Cultivated. Seed.
444393. Cauca 373. Cauca State. 1850m. Entered collection 1951B. Seeds cream-colored. Local name Blanco calentano. Cultivated. Seed.
444394. Cauca 374. Cauca State. 2312m. Entered collection 1951B. Seeds white. Local name Blanco comun. Cultivated. Seed.
444395. Cauca 375. Cauca State. 1950m. Entered collection 1951B. Seeds yellow. Local name Candelario. Cultivated. Seed.
444396. Cauca 376. Cauca State. 2300m. Entered collection 1951B. Amagaceno race. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444397. Cauca 377. Cauca State. 1900m. Entered collection 1951B.

443759 TO 445665-continued

- Seeds yellow. Local name Chiquito. Cultivated. Seed.
444398. Cauca 378. Cauca State. 2300m. Entered collection 1951B. Seeds cream-colored. Local name Amarillo. Cultivated. Seed.
444399. Cauca 379. Cauca State. 1200m. Entered collection 1951B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444400. Cauca 380. Cauca State. 1760m. Entered collection 1951B. Seeds white. Local name Amarillo. Cultivated. Seed.
444401. Cauca 381. Cauca State. 1760m. Entered collection 1951B. Amagaceno race. Seeds white. Local name Elanco. Cultivated. Seed.
444402. Cauca 382. Cauca State. 2400m. Entered collection 1951B. Seeds white. Local name Blanco yunga. Cultivated. Seed.
444403. Cauca 383. Cauca State. 1600m. Entered collection 1951E. Seeds yellow. Local name Amarillo temprano. Cultivated. Seed.
444404. Cauca 384. Cauca State. 1600m. Entered collection 1951E. Seeds yellow or white. Local name Maiz de ano. Cultivated. Seed.
444405. Cauca 385. Cauca State. 1800m. Entered collection 1951B. Seeds yellow. Local name Maiz Bogotano. Cultivated. Seed.
444406. Cauca 386. Cauca State. 1800m. Entered collection 1951B. Seeds white. Local name Blanquillo comun. Cultivated. Seed.
444407. Cauca 387. Cauca State. 25m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444408. Cauca 390. Cauca State. 40m. Entered collection 1955A. Seeds floury, white. Local name Capio. Cultivated. Seed.
444409. Cauca 391. Cauca State. 30m. Entered collection 1955A. Aleurone purple. Local name Negrito. Cultivated. Seed.
444410. Cauca 392. Cauca State. 40m. Entered collection 1955A. Seeds black. Local name Negrito. Cultivated. Seed.
444411. Cauca 403. Cauca State. 1300m. Entered collection 1955A. Seeds yellow or white. Local name Criollo. Cultivated. Seed.
444412. Cauca 404. Cauca State. 15m. Entered collection 1955A. Seeds floury, white. Local name Capio. Cultivated. Seed.

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444413. Cauca 409. Cauca State. 30m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444414. Cauca 413. Cauca State. 50m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444415. Cauca 414. Cauca State. 1750m. Entered collection 1955A.
Seeds white. Local name Comun. Cultivated. Seed.
444416. Cauca 415. Cauca State. 1900m. Entered collection 1955A.
Seeds white. Local name Comun. Cultivated. Seed.
444417. Cauca 416. Cauca State. 1800m. Entered collection 1955A.
Seeds white. Local name Comun. Cultivated. Seed.
444418. Cauca 417. Cauca State. 1500m. Entered collection 1955A.
Seeds yellow. Local name Amarillo calentano. Cultivated.
Seed.
444419. Cauca 418. Cauca State. 450m. Entered collection 1955A.
Seeds white. Local name Diente de caballo. Cultivated.
Seed.
444420. Cauca 419. Cauca State. 1700m. Entered collection 1955A.
Seeds yellow. Local name Chisquiano. Cultivated. Seed.
444421. Cauca 420. Cauca State. 800m. Entered collection 1955A.
Seeds white. Local name Rucio. Cultivated. Seed.
444422. Cauca 421. Cauca State. 1800m. Entered collection 1955A.
Seeds yellow or white. Local name Comun de ano.
Cultivated. Seed.
444423. Cauca 422. Cauca State. 1500m. Entered collection 1955A.
Seeds yellow or white. Local name Amarillo. Cultivated.
Seed.
444424. Cauca 423. Cauca State. 1000m. Entered collection 1955A.
Seeds yellow. Local name Azufrado. Cultivated. Seed.
444425. Cauca 425. Cauca State. 1000m. Entered collection 1955A.
Seeds white. Local name Blanco grande. Cultivated. Seed.
444426. Cauca 426. Cauca State. 400m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444427. Cauca 427. Cauca State. 20m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444428. Cauca 428. Cauca State. 30m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.

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444429. Cauca 432. Cauca State. 20m. Entered collection 1955A.
Seeds white. Local name Blanco. Cultivated. Seed.
444430. Cauca 434. Cauca State. 1770m. Entered collection 1959A.
Seeds white. Local name Matambre. Cultivated. Seed.
444431. Cauca 436. Cauca State. 1770m. Entered collection 1960A.
Seeds cream-colored. Local name Noventa dias. Cultivated,
Seed.
444432. Cauca 437. Cauca State. 1800m. Entered collection 1960A.
Seeds white or yellow. Local name Matambre (90 dias).
Cultivated. Seed.
444433. Cauca 438. Cauca State. 1750m. Entered collection 1960A.
Seeds cream-colored. Local name Matambre. Cultivated.
Seed.
444434. Cauca 439. Cauca State. 1750m. Entered collection 1960A.
Seeds white. Local name Matambre. Cultivated. Seed.
444435. Cauca 440. Cauca State. 1820m. Entered collection 1960A.
Seeds white. Local name Matambre. Cultivated. Seed.
444436. Cauca 441. Cauca State. 1890m. Entered collection 1960A.
Seeds yellow or white. Local name Matambre. Cultivated.
Seed.
444437. Cauca 442. Cauca State. 1900m. Entered collection 1960A.
Seeds yellow or white. Local name Matambre. Cultivated.
Seed.
444438. Cauca 443. Cauca State. 1900m. Entered collection 1960A.
Seeds yellow or white. Local name Matambre. Cultivated.
Seed.
444439. Cauca 444. Cauca State. 1800m. Entered collection 1960A.
Seeds yellow or white. Local name Matambre. Cultivated.
Seed.
444440. Cauca 445. Cauca State. 1800m. Entered collection 1960A.
Seeds yellow or white. Local name Matambre. Cultivated.
Seed.
444441. Cauca 446. Cauca State. 1800m. Entered collection 1960A.
Seeds yellow or white. Local name Chico. Cultivated. Seed.
444442. Cauca 447. Cauca State. 1460m. Entered collection 1960A.
Seeds yellow. Local name Capio. Cultivated. Seed.
444443. Cauca 448. Cauca State. 1760m. Entered collection 1960A.
Seeds yellow. Local name Pira. Cultivated. Seed.

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444444. Cauca 449. Cauca State. 1760m. Entered collection 1968A. Seeds yellow. Local name Mazorcas viches. Cultivated. Seed.
444445. Cauca 450. Cauca State. 1760m. Entered collection 1968A. Seeds yellow or cream-colored. Local name Criollo. Cultivated. Seed.
444446. Cauca 451. Cauca State. 1760m. Entered collection 1968A. Seeds yellow or cream-colored. Local name Criollo. Cultivated. Seed.
444447. Cauca 452. Cauca State. 1760m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444448. Cauca 453. Cauca State. 1600m. Entered collection 1968A. Seeds soft, floury. Local name Capiro. Cultivated. Seed.
444449. Cauca 454. Cauca State. 1760m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444450. Cauca 455. Cauca State. 1400m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444451. Cauca 456. Cauca State. 1600m. Entered collection 1968A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444452. Cauca 457. Cauca State. 1600m. Entered collection 1968A. Seeds yellow. Local name Diente Caballo. Cultivated. Seed.
444453. Cauca 458. Cauca State. 1400m. Entered collection 1968A. Seeds yellow. Local name Yunga. Cultivated. Seed.
444454. Cauca 459. Cauca State. 1400m. Entered collection 1968A. Seeds yellow or white. Local name Criollo. Cultivated. Seed.
444455. Cauca 460. Cauca State. 1400m. Entered collection 1968A. Seeds yellow or white. Local name Criollo. Cultivated. Seed.
444456. Cauca 461. Cauca State. 1400m. Entered collection 1968A. Seeds cream-colored. Local name Criollo. Cultivated. Seed.
444457. Cauca 462. Cauca State. 1400m. Entered collection 1968A. Seeds floury, white. Local name Criollo. Cultivated. Seed.
444458. Cauca 463. Cauca State. 800m. Entered collection 1978. Seeds white or yellow. Local name Criollo. Cultivated. Seed.

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444459. Cauca 464. Cauca State. 800m. Entered collection 1978. Seeds white or yellow. Local name Criollo. Cultivated. Seed.
444460. Cauca 465. Cauca State. 800m. Entered collection 1978. Seeds white. Local name Criollo. Cultivated. Seed.
444461. Cordoba 304. Cordoba State. 150m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
444462. Cordoba 306. Cordoba State. 15m. Entered collection 1950A. Seeds yellow or white. Local name Blanco. Cultivated. Seed.
444463. Cordoba 307. Cordoba State. 45m. Entered collection 1950A. Seeds yellow or white. Local name Amarillo. Cultivated. Seed.
444464. Cordoba 308. Cordoba State. 15m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
444465. Cordoba 309. Cordoba State. 15m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444466. Cordoba 310. Cordoba State. 15m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444467. Cordoba 311. Cordoba State. 16m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444468. Cordoba 312. Cordoba State. 10m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444469. Cordoba 314. Cordoba State. 124m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444470. Cordoba 317. Cordoba State. 90m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444471. Cordoba 318. Cordoba State. 90m. Entered collection 1951B. Seeds white. Local name Cuba. Cultivated. Seed.
444472. Cordoba 319. Cordoba State. 90m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444473. Cordoba 320. Cordoba State. 100m. Entered collection 1951B. Costeno race. Seeds yellow. Local name Cuba. Cultivated. Seed.
444474. Cordoba 321. Cordoba State. 100m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.

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444475. Cordoba 322. Cordoba State. 400m. Entered collection 1953B. White Costeno race. Seeds white. Local name Maiz blanco. Cultivated. Seed.
444476. Cordoba 323. Cordoba State. 500m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444477. Cordoba 324. Cordoba State. 300m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444478. Cordoba 325. Cordoba State. 300m. Entered collection 1953B. Seeds white. Local name Ligerito. Cultivated. Seed.
444479. Cordoba 326. Cordoba State. 400m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444480. Cordoba 327. Cordoba State. 200m. Entered collection 1953B. Segregating Costeno race. Seeds white or yellow. Local name Casado. Cultivated. Seed.
444481. Cordoba 329. Cordoba State. 200m. Entered collection 1953B. Seeds white or yellow. Local name Blanco. Cultivated. Seed.
444482. Cordoba 330. Cordoba State. 250m. Entered collection 1953B. Seeds white or yellow. Local name Cuba. Cultivated. Seed.
444483. Cordoba 331. Cordoba State. 200m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444484. Cordoba 332. Cordoba State. 220m. Entered collection 1953B. Seeds marbled yellow. Local name Cariaco. Cultivated. Seed.
444485. Cordoba 333. Cordoba State. 200m. Entered collection 1953B. Seeds white. Local name Criollo. Cultivated. Seed.
444486. Cordoba 334. Cordoba State. 200m. Entered collection 1953B. Cariaco race. Seeds floury, yellow. Local name Cariaco. Cultivated. Seed.
444487. Cordoba 335. Cordoba State. 250m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
444488. Cordoba 337. Cordoba State. 300m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
444489. Cordoba 338. Cordoba State. 200m. Entered collection 1953B. Cariaco race. Seeds white. Local name Cariaco. Cultivated. Seed.

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444490. Cordoba 339. Cordoba State. 300m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444491. Cordoba 340. Cordoba State. 400m. Entered collection 1953B. Seeds floury, yellow. Local name Cariaco. Cultivated. Seed.
444492. Cordoba 342. Cordoba State. 250m. Entered collection 1953B. Cariaco race. Seeds floury, yellow. Local name Cariaco. Cultivated. Seed.
444493. Cordoba 345. Cordoba State. 300m. Entered collection 1953B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444494. Cordoba 346. Cordoba State. 120m. Entered collection 1957A. Seeds floury, white. Local name Criollo. Cultivated. Seed.
444495. Cordoba 347. Cordoba State. 120m. Entered collection 1969A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444496. Cun. 301. Cundinamarca State. 1475m. Entered collection 1950A. Seeds white. Local name Maiz pira. Cultivated. Seed.
444497. Cun. 302. Cundinamarca State. 1568m. Entered collection 1950A. Seeds floury, white. Local name Blanco de Harina. Cultivated. Seed.
444498. Cun. 303. Cundinamarca State. 1568m. Entered collection 1950A. Seeds white. Local name Yucatan. Cultivated. Seed.
444499. Cun. 304. Cundinamarca State. 1568m. Entered collection 1950A. Seeds white. Local name Yucatan. Cultivated. Seed.
444500. Cun. 305. Cundinamarca State. 2000m. Entered collection 1950A. Seeds floury, white. Local name Blanco de Harina. Cultivated. Seed.
444501. Cun. 306. Cundinamarca State. 2640m. Entered collection 1950A. Seeds white. Local name Porva blanco de Harina. Cultivated. Seed.
444502. Cun. 307. Cundinamarca State. 2640m. Entered collection 1950A. Seeds yellow or white. Local name Porva blanco de Harina. Cultivated. Seed.
444503. Cun. 308. Cundinamarca State. 2640m. Entered collection 1950A. Seeds yellow or white. Local name Porva blanco de Harina. Cultivated. Seed.

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444504. Cun. 313. Cundinamarca State. 2640m. Entered collection 1950A. Seeds floury or white flint. Local name Maiz cabuya. Cultivated. Seed.
444505. Cun. 316. Cundinamarca State. 2568m. Entered collection 1951A. Cabuya race. Seeds floury, yellow. Local name Cabuya. Cultivated. Seed.
444506. Cun. 320. Cundinamarca State. 2600m. Entered collection 1951A. Seeds floury, yellow. Local name Porva. Cultivated. Seed.
444507. Cun. 321. Cundinamarca State. 1500m. Entered collection 1951A. Seeds white. Local name Chocho. Cultivated. Seed.
444508. Cun. 322. Cundinamarca State. 2000m. Entered collection 1951A. Seeds white. Local name Chapuno. Cultivated. Seed.
444509. Cun. 323. Cundinamarca State. 2200m. Entered collection 1951A. Seeds yellow or white. Local name Blanco de Harina. Cultivated. Seed.
444510. Cun. 324. Cundinamarca State. 2000m. Entered collection 1951A. Seeds floury, yellow and cream-colored. Local name Roico. Cultivated. Seed.
444511. Cun. 326. Cundinamarca State. 1300m. Entered collection 1951A. Seeds white, rarely rose-colored. Local name Choclito. Cultivated. Seed.
444512. Cun. 327. Cundinamarca State. 1000m. Entered collection 1951A. Pira race. Seeds white. Local name Pira. Cultivated. Seed.
444513. Cun. 328. Cundinamarca State. 1000m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
444514. Cun. 329. Cundinamarca State. 2000m. Entered collection 1951A. Seeds white. Local name Chapuno Blanco. Cultivated. Seed.
444515. Cun. 330. Cundinamarca State. 1600m. Entered collection 1951A. Seeds white. Local name Choclito. Cultivated. Seed.
444516. Cun. 331. Cundinamarca State. 900m. Entered collection 1951B. Seeds floury, white. Local name Choquito. Cultivated. Seed.
444517. Cun. 332. Cundinamarca State. 1400m. Entered collection 1951B. Seeds floury, white. Local name Criollo. Cultivated. Seed.

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444518. Cun. 333. Cundinamarca State. 950m. Entered collection 1951B. Seeds white. Local name Choquito. Cultivated. Seed.
444519. Cun. 334. Cundinamarca State. 1400m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
444520. Cun. 335. Cundinamarca State. 1500m. Entered collection 1951B. Seeds white or yellow. Local name Tibame. Cultivated. Seed.
444521. Cun. 338. Cundinamarca State. 1200m. Entered collection 1951B. Seeds white. Local name Blanco de Harina. Cultivated. Seed.
444522. Cun. 339. Cundinamarca State. 2200m. Entered collection 1951B. Seeds yellow. Local name Amarillo de Harina. Cultivated. Seed.
444523. Cun. 340. Cundinamarca State. 1100m. Entered collection 1951B. Seeds white. Local name Chocrito. Cultivated. Seed.
444524. Cun. 341. Cundinamarca State. 1550m. Entered collection 1951B. Seeds reddish. Local name Tibame. Cultivated. Seed.
444525. Cun. 342. Cundinamarca State. 2000m. Entered collection 1951B. Seeds yellow. Local name Roica amarilla. Cultivated. Seed.
444526. Cun. 343. Cundinamarca State. 1200m. Entered collection 1951B. Seeds yellow. Local name Tibame. Cultivated. Seed.
444527. Cun. 344. Cundinamarca State. 1550m. Entered collection 1951B. Seeds yellow. Local name Roica. Cultivated. Seed.
444528. Cun. 345. Cundinamarca State. 1300m. Entered collection 1951B. Seeds white. Local name Calentano. Cultivated. Seed.
444529. Cun. 346. Cundinamarca State. 1450m. Entered collection 1951B. Seeds white. Local name Choquito. Cultivated. Seed.
444530. Cun. 347. Cundinamarca State. 1000m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
444531. Cun. 348. Cundinamarca State. 1000m. Entered collection 1951B. Seeds white. Local name Choquito matizado. Cultivated. Seed.
444532. Cun. 349. Cundinamarca State. 2000m. Entered collection 1951B. Seeds floury, white. Local name Tibame. Cultivated. Seed.

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444533. Cun. 350. Cundinamarca State. 1700m. Entered collection 1951B. Seeds floury, yellow. Local name Choclo. Cultivated. Seed.
444534. Cun. 351. Cundinamarca State. 1400m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444535. Cun. 352. Cundinamarca State. 900m. Entered collection 1951B. Seeds yellow. Local name Maiz criollo. Cultivated. Seed.
444536. Cun. 354. Cundinamarca State. 1800m. Entered collection 1951B. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444537. Cun. 355. Cundinamarca State. 1800m. Entered collection 1951B. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444538. Cun. 356. Cundinamarca State. 2000m. Entered collection 1951B. Seeds yellow. Local name Amarillo arroz. Cultivated. Seed.
444539. Cun. 357. Cundinamarca State. 2700m. Entered collection 1951B. Seeds floury, yellow. Local name Forva amarillo. Cultivated. Seed.
444540. Cun. 360. Cundinamarca State. 2570m. Entered collection 1951B. Sabanero race. Seeds floury, yellow. Local name Tibamen. Cultivated. Seed.
444541. Cun. 363. Cundinamarca State. 2160m. Entered collection 1951B. Seeds white. Local name Pachuno. Cultivated. Seed.
444542. Cun. 365. Cundinamarca State. 2515m. Entered collection 1951B. Seeds yellow. Local name De Harina. Cultivated. Seed.
444543. Cun. 366. Cundinamarca State. 2560m. Entered collection 1951B. Segregating Pollo race. Seeds yellow. Local name Roita. Cultivated. Seed.
444544. Cun. 367. Cundinamarca State. 2110m. Entered collection 1951B. Sabanero race. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444545. Cun. 368. Cundinamarca State. 2560m. Entered collection 1951B. Seeds white or rose-colored. Local name Arroz Blanco. Cultivated. Seed.
444546. Cun. 369. Cundinamarca State. 2560m. Entered collection 1951B. Sabanero race. Seeds yellow. Local name Arroz

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Amarillo. Cultivated. Seed.

444547. Cun. 372. Cundinamarca State. 2650m. Entered collection 1951B. Segregating Imbricated race. Seeds yellow or white. Local name Pira. Cultivated. Seed.
444548. Cun. 375. Cundinamarca State. 1960m. Entered collection 1951B. Seeds white. Local name Canilla. Cultivated. Seed.
444549. Cun. 376. Cundinamarca State. 1600m. Entered collection 1951B. Seeds yellow. Local name Amarillo calentano. Cultivated. Seed.
444550. Cun. 377. Cundinamarca State. 2000m. Entered collection 1951B. Seeds floury, yellow. Local name Amarillo blando. Cultivated. Seed.
444551. Cun. 378. Cundinamarca State. 2685m. Entered collection 1951B. Segregating Sabanero race. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
444552. Cun. 379. Cundinamarca State. 2685m. Entered collection 1951B. Seeds yellow. Local name Gurrubo. Cultivated. Seed.
444553. Cun. 380. Cundinamarca State. 2160m. Entered collection 1951B. Seeds white. Local name Roita. Cultivated. Seed.
444554. Cun. 383. Cundinamarca State. 2000m. Entered collection 1951B. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444555. Cun. 386. Cundinamarca State. 1900m. Entered collection 1951B. Seeds yellow. Local name Amarillo arroz. Cultivated. Seed.
444556. Cun. 388. Cundinamarca State. 2000m. Entered collection 1951B. Seeds floury, white. Local name Chiaguno blanco. Cultivated. Seed.
444557. Cun. 390. Cundinamarca State. 1800m. Entered collection 1951B. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444558. Cun. 391. Cundinamarca State. 2000m. Entered collection 1951B. Seeds floury, yellow. Local name Amarillo de Harina. Cultivated. Seed.
444559. Cun. 392. Cundinamarca State. 1950m. Entered collection 1951B. Seeds floury, white. Local name Blanco de Harina. Cultivated. Seed.
444560. Cun. 393. Cundinamarca State. 1500m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.

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444561. Cun. 397. Cundinamarca State. 2600m. Entered collection 1951B. Seeds yellow. Local name Arroz Amarillo. Cultivated. Seed.
444562. Cun. 400. Cundinamarca State. 1600m. Entered collection 1951B. Seeds floury, yellow. Local name Amarillo de Harina. Cultivated. Seed.
444563. Cun. 401. Cundinamarca State. 1800m. Entered collection 1951B. Pollo race. Seeds floury, yellow. Local name Pollo. Cultivated. Seed.
444564. Cun. 403. Cundinamarca State. 1960m. Entered collection 1951B. Seeds yellow. Local name Amarillo arroz. Cultivated. Seed.
444565. Cun. 404. Cundinamarca State. 1950m. Entered collection 1951B. Seeds floury, white. Local name Blanco de Harina. Cultivated. Seed.
444566. Cun. 405. Cundinamarca State. 1530m. Entered collection 1951B. Seeds floury, white. Local name Yucatan. Cultivated. Seed.
444567. Cun. 407. Cundinamarca State. 2000m. Entered collection 1951B. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444568. Cun. 408. Cundinamarca State. 1865m. Entered collection 1951B. Seeds yellow. Local name Cacao. Cultivated. Seed.
444569. Cun. 410. Cundinamarca State. 2650m. Entered collection 1951B. Seeds yellow. Local name Arroz amarillo. Cultivated. Seed.
444570. Cun. 411. Cundinamarca State. 2650m. Entered collection 1951B. Seeds floury, yellow. Local name Porva amarillo. Cultivated. Seed.
444571. Cun. 415. Cundinamarca State. 2160m. Entered collection 1951B. Seeds yellow. Local name Amarillo de Harina. Cultivated. Seed.
444572. Cun. 419. Cundinamarca State. 1960m. Entered collection 1951B. Seeds yellow. Local name Amarillo arroz. Cultivated. Seed.
444573. Cun. 421. Cundinamarca State. 2000m. Entered collection 1951B. Seeds yellow. Local name Pira. Cultivated. Seed.
444574. Cun. 422. Cundinamarca State. 2000m. Entered collection 1951B. Seeds floury, white. Local name De Harina.

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Cultivated. Seed.

444575. Cun. 423. Cundinamarca State. 1960m. Entered collection 1951B. Pollo race. Seeds floury, white. Local name Gallo. Cultivated. Seed.
444576. Cun. 424. Cundinamarca State. 2000m. Entered collection 1951B. Pollo race. Seeds floury, white. Local name Follo. Cultivated. Seed.
444577. Cun. 425. Cundinamarca State. 2300m. Entered collection 1951B. Seeds yellow and purple. Local name Vueltizo. Cultivated. Seed.
444578. Cun. 426. Cundinamarca State. 1860m. Entered collection 1951B. Seeds floury, white. Local name Blanco Harina. Cultivated. Seed.
444579. Cun. 429. Cundinamarca State. 2695m. Entered collection 1951B. Seeds floury, yellow. Local name Blanco Harina. Cultivated. Seed.
444580. Cun. 431. Cundinamarca State. 2695m. Entered collection 1951B. Seeds white. Local name Arroz blanco. Cultivated. Seed.
444581. Cun. 433. Cundinamarca State. 2695m. Entered collection 1951B. Seeds yellow. Local name Blando. Cultivated. Seed.
444582. Cun. 434. Cundinamarca State. 2695m. Entered collection 1951B. Seeds white. Local name Calilla. Cultivated. Seed.
444583. Cun. 435. Cundinamarca State. 1050m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
444584. Cun. 436. Cundinamarca State. 840m. Entered collection 1951B. Seeds white. Local name Yucatan blanco. Cultivated. Seed.
444585. Cun. 437. Cundinamarca State. 840m. Entered collection 1951B. Seeds floury, white. Local name Yucatan blanco. Cultivated. Seed.
444586. Cun. 439. Cundinamarca State. 500m. Entered collection 1951B. Seeds white. Local name Yucatan duro. Cultivated. Seed.
444587. Cun. 440. Cundinamarca State. 380m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
444588. Cun. 441. Cundinamarca State. 380m. Entered collection 1951A. Seeds floury, yellow. Local name Amarillo Chucula. Cultivated. Seed.

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444589. Cun. 442. Cundinamarca State. 1950m. Entered collection 1951A. Seeds white. Local name Maiz antioqueno. Cultivated. Seed.
444590. Cun. 443. Cundinamarca State. 1800m. Entered collection 1951A. Pollo race. Seeds white. Local name Maiz roita. Cultivated. Seed.
444591. Cun. 444. Cundinamarca State. 1800m. Entered collection 1951A. Sabanero race. Seeds white. Local name Maiz pochuno. Cultivated. Seed.
444592. Cun. 445. Cundinamarca State. 1800m. Entered collection 1951A. Pollo race. Seeds small, primitive. Local name Roita amelo. Cultivated. Seed.
444593. Cun. 446. Cundinamarca State. 1500m. Entered collection 1951A. Seeds white. Local name Clavo bravo. Cultivated. Seed.
444594. Cun. 448. Cundinamarca State. 1800m. Entered collection 1951A. Seeds white. Local name Yucatan. Cultivated. Seed.
444595. Cun. 449. Cundinamarca State. 1800m. Entered collection 1951A. Seeds white. Local name Pira. Cultivated. Seed.
444596. Cun. 450. Cundinamarca State. 500m. Entered collection 1951A. Seeds white. Local name Blanco de Harina. Cultivated. Seed.
444597. Cun. 451. Cundinamarca State. 1000m. Entered collection 1951A. Seeds yellow. Local name Amarillo de Harina. Cultivated. Seed.
444598. Cun. 452. Cundinamarca State. 1750m. Entered collection 1954B. Seeds white. Local name Pira. Cultivated. Seed.
444599. Cun. 453. Cundinamarca State. 1150m. Entered collection 1954B. Seeds white. Local name Roita. Cultivated. Seed.
444600. Cun. 454. Cundinamarca State. 1800m. Entered collection 1954B. Seeds white. Local name Roita medio. Cultivated. Seed.
444601. Cun. 455. Cundinamarca State. 1560m. Entered collection 1954B. Seeds reddish. Local name Noventano. Cultivated. Seed.
444602. Cun. 456. Cundinamarca State. 1630m. Entered collection 1954B. Seeds yellow. Local name Pira. Cultivated. Seed.
444603. Cun. 457. Cundinamarca State. 1000m. Entered collection

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- 1954B. Seeds yellow. Local name Roita. Cultivated. Seed.
444604. Cun. 458. Cundinamarca State. 1880m. Entered collection 1954B. Seeds floury, yellow. Local name Chocolate. Cultivated. Seed.
444605. Cun. 459. Cundinamarca State. 1100m. Entered collection 1954B. Seeds yellow or white. Local name Noventano. Cultivated. Seed.
444606. Cun. 460. Cundinamarca State. 1600m. Entered collection 1954B. Seeds yellow or white. Local name Roita. Cultivated. Seed.
444607. Cun. 465. Cundinamarca State. 1600m. Entered collection 1954B. Pollo race. Seeds yellow or white. Local name Noventano. Cultivated. Seed.
444608. Cun. 466. Cundinamarca State. 1630m. Entered collection 1954B. Seeds white or yellow. Local name Roita x Pachunco. Cultivated. Seed.
444609. Cun. 468. Cundinamarca State. 1700m. Entered collection 1954B. Seeds white. Local name Roita 2do. Cultivated. Seed.
444610. Cun. 469. Cundinamarca State. 1560m. Entered collection 1954B. Seeds white. Local name Roita. Cultivated. Seed.
444611. Cun. 470. Cundinamarca State. 1200m. Entered collection 1955A. Seeds white. Local name Pira. Cultivated. Seed.
444612. Cun. 471. Cundinamarca State. 860m. Entered collection 1955A. Seeds yellow. Local name Amarillo duro. Cultivated. Seed.
444613. Cun. 472. Cundinamarca State. 1250m. Entered collection 1955A. Seeds white or yellow. Local name Yucatan. Cultivated. Seed.
444614. Cun. 473. Cundinamarca State. 1400m. Entered collection 1955A. Seeds floury, white. Local name Blanco blandito. Cultivated. Seed.
444615. Cun. 474. Cundinamarca State. 700m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444616. Cun. 475. Cundinamarca State. 500m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444617. Cun. 476. Cundinamarca State. 350m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.

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444618. Cun. 477. Cundinamarca State. 380m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444619. Cun. 478. Cundinamarca State. 350m. Entered collection 1955A. Seeds yellow or white. Local name Clavo. Cultivated. Seed.
444620. Cun. 479. Cundinamarca State. 700m. Entered collection 1955A. Seeds floury, yellow. Local name Chicala. Cultivated. Seed.
444621. Cun. 480. Cundinamarca State. 1000m. Entered collection 1955A. Pira race. Seeds white. Local name Pira. Cultivated. Seed.
444622. Cun. 481. Cundinamarca State. 350m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
444623. Cun. 482. Cundinamarca State. 500m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444624. Cun. 483. Cundinamarca State. 1400m. Entered collection 1955A. Seeds white. Local name Pira. Cultivated. Seed.
444625. Cun. 484. Cundinamarca State. 500m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
444626. Cun. 485. Cundinamarca State. 500m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444627. Cun. 486. Cundinamarca State. 500m. Entered collection 1955A. Seeds white. Local name Pira. Cultivated. Seed.
444628. Cun. 487. Cundinamarca State. 35m. Entered collection 1955A. Seeds white. Local name Mono. Cultivated. Seed.
444629. Cun. 489. Cundinamarca State. 1450m. Entered collection 1955A. Seeds floury, yellow. Local name Amarillo de Harina. Cultivated. Seed.
444630. Cun. 490. Cundinamarca State. 1540m. Entered collection 1955A. Seeds floury, white. Local name Arroz. Cultivated. Seed.
444631. Cun. 491. Cundinamarca State. 1500m. Entered collection 1955A. Seeds white. Local name Arroz. Cultivated. Seed.
444632. Cun. 492. Cundinamarca State. 1500m. Entered collection 1955A. Seeds floury, white. Local name Arroz. Cultivated. Seed.
444633. Cun. 493. Cundinamarca State. 1250m. Entered collection

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- 1955A. Seeds white or yellow. Local name Cristalino.
Cultivated. Seed.
444634. Cun. 494. Cundinamarca State. 1250m. Entered collection
1955A. Seeds white. Local name De Harina. Cultivated.
Seed.
444635. Cun. 495. Cundinamarca State. 1600m. Entered collection
1955A. Seeds floury, white to yellow. Local name Arroz.
Cultivated. Seed.
444636. Cun. 496. Cundinamarca State. 1200m. Entered collection
1955A. Seeds yellow to white. Local name Comun.
Cultivated. Seed.
444637. Cun. 497. Cundinamarca State. 1750m. Entered collection
1955A. Seeds white. Local name Arroz chiquito. Cultivated.
Seed.
444638. Cun. 498. Cundinamarca State. 1000m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444639. Cun. 499. Cundinamarca State. 1700m. Entered collection
1955A. Seeds white. Local name Llanero. Cultivated. Seed.
444640. Cun. 500. Cundinamarca State. 2240m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444641. Cun. 501. Cundinamarca State. 1350m. Entered collection
1955A. Seeds white. Local name Cristalino. Cultivated.
Seed.
444642. Cun. 502. Cundinamarca State. 1300m. Entered collection
1955A. Seeds yellow or white. Local name Comun.
Cultivated. Seed.
444643. Cun. 503. Cundinamarca State. 1740m. Entered collection
1955A. Seeds white. Local name Arroz chiquito. Cultivated.
Seed.
444644. Cun. 504. Cundinamarca State. 1600m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444645. Cun. 505. Cundinamarca State. 1350m. Entered collection
1955A. Seeds white. Local name Comun. Cultivated. Seed.
444646. Cun. 506. Cundinamarca State. 1190m. Entered collection
1955A. Seeds white. Local name Arroz. Cultivated. Seed.
444647. Cun. 508. Cundinamarca State. 1300m. Entered collection
1955A. Seeds white. Local name Arroz. Cultivated. Seed.
444648. Cun. 509. Cundinamarca State. 1650m. Entered collection

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- 1955A. Seeds white. Local name Coruria. Cultivated. Seed.
444649. Cun. 510. Cundinamarca State. 1330m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444650. Cun. 511. Cundinamarca State. 1240m. Entered collection 1955A. Seeds white. Local name Arroz. Cultivated. Seed.
444651. Cun. 512. Cundinamarca State. 1700m. Entered collection 1955A. Seeds white. Local name Blanco de Harina. Cultivated. Seed.
444652. Cun. 513. Cundinamarca State. 1600m. Entered collection 1955A. Seeds yellow. Local name Amarillo de Harina. Cultivated. Seed.
444653. Cun. 515. Cundinamarca State. 1730m. Entered collection 1955A. Seeds yellow. Local name Comun. Cultivated. Seed.
444654. Cun. 517. Cundinamarca State. 1200m. Entered collection 1955A. Seeds floury, white. Local name Comun. Cultivated. Seed.
444655. Cun. 518. Cundinamarca State. 1430m. Entered collection 1955A. Seeds floury, white. Local name Harinoso. Cultivated. Seed.
444656. Cun. 519. Cundinamarca State. 1000m. Entered collection 1955A. Seeds floury, white. Local name Yucatan. Cultivated. Seed.
444657. Cun. 520. Cundinamarca State. 1000m. Entered collection 1955A. Seeds floury, white. Local name Fira. Cultivated. Seed.
444658. Cun. 521. Cundinamarca State. 410m. Entered collection 1955A. Seeds floury, white. Local name Fira. Cultivated. Seed.
444659. Cun. 522. Cundinamarca State. 510m. Entered collection 1955A. Seeds floury, white. Local name Blanco duro. Cultivated. Seed.
444660. Cun. 523. Cundinamarca State. 1900m. Entered collection 1955A. Seeds light brown. Local name Cacao amarillo. Cultivated. Seed.
444661. Cun. 524. Cundinamarca State. 540m. Entered collection 1955A. Seeds white. Local name Calillo. Cultivated. Seed.
444662. Cun. 525. Cundinamarca State. 1200m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.

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444663. Cun. 527. Cundinamarca State. 2100m. Entered collection 1955A. Seeds yellow. Local name Cacao. Cultivated. Seed.
444664. Cun. 529. Cundinamarca State. 2000m. Entered collection 1955A. Seeds yellow. Local name Guateman. Cultivated. Seed.
444665. Cun. 530. Cundinamarca State. 860m. Entered collection 1955A. Seeds yellow. Local name Cabazo. Cultivated. Seed.
444666. Cun. 531. Cundinamarca State. 100m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444667. Cun. 532. Cundinamarca State. 1350m. Entered collection 1955A. Seeds floury, white. Local name Yucatan. Cultivated. Seed.
444668. Cun. 533. Cundinamarca State. 1210m. Entered collection 1955A. Seeds white. Local name Comun. Cultivated. Seed.
444669. Cun. 534. Cundinamarca State. 1350m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444670. Cun. 535. Cundinamarca State. 1700m. Entered collection 1955A. Seeds floury, white. Local name Blanco de Harina. Cultivated. Seed.
444671. Cun. 536. Cundinamarca State. 1160m. Entered collection 1955A. Seeds white. Local name Todotiempo. Cultivated. Seed.
444672. Cun. 537. Cundinamarca State. 560m. Entered collection 1955A. Seeds yellow or white. Local name Colcubia. Cultivated. Seed.
444673. Cun. 538. Cundinamarca State. 1180m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444674. Cun. 539. Cundinamarca State. 860m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444675. Cun. 540. Cundinamarca State. 1400m. Entered collection 1955A. Seeds floury, yellow. Local name Cacao. Cultivated. Seed.
444676. Cun. 541. Cundinamarca State. 1740m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444677. Cun. 546. Cundinamarca State. 1400m. Entered collection 1955A. Seeds yellow. Local name Rocol. Cultivated. Seed.
444678. Cun. 547. Cundinamarca State. 1400m. Entered collection

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- 1968A. Seeds floury, yellow. Local name Porva. Cultivated. Seed.
444679. Cun. 548. Cundinamarca State. 1400m. Entered collection 1968A. Seeds floury, yellow. Local name Porva. Cultivated. Seed.
444680. Cun. 549. Cundinamarca State. 1800m. Entered collection 1968A. Seeds white. Local name Pira. Cultivated. Seed.
444681. Cun. 550. Cundinamarca State. 1800m. Entered collection 1968A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444682. Cun. 551. Cundinamarca State. 1450m. Entered collection 1968A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444683. Cun. 552. Cundinamarca State. 1450m. Entered collection 1968A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444684. Cun. 553. Cundinamarca State. 1450m. Entered collection 1968A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444685. Cun. 554. Cundinamarca State. 1450m. Entered collection 1968A. Seeds floury, white. Local name Criollo. Cultivated. Seed.
444686. Cun. 555. Cundinamarca State. 1450m. Entered collection 1968A. Seeds floury, white. Local name Criollo. Cultivated. Seed.
444687. Cun. 556. Cundinamarca State. 1900m. Entered collection 1968A. Seeds floury, white. Local name Criollo. Cultivated. Seed.
444688. Cun. 557. Cundinamarca State. 1450m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444689. Cun. 558. Cundinamarca State. 2000m. Entered collection 1968A. Seeds yellow to cream-colored. Local name Criollo. Cultivated. Seed.
444690. Cun. 559. Cundinamarca State. 1450m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444691. Cun. 560. Cundinamarca State. 1450m. Entered collection 1968A. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
444692. Cun. 561. Cundinamarca State. 1450m. Entered collection

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- 1968A. Seeds floury, yellow. Local name Criollo.
Cultivated. Seed.
444693. Cun. 562. Cundinamarca State. 1450m. Entered collection
1968A. Seeds floury, white. Local name Criollo.
Cultivated. Seed.
444694. Cun. 563. Cundinamarca State. 1450m. Entered collection
1968A. Seeds white. Local name Criollo. Cultivated. Seed.
444695. Cun. 564. Cundinamarca State. 1600m. Entered collection
1976. Seeds yellow. Local name Criollo. Cultivated. Seed.
444696. Cun. 565. Cundinamarca State. 1600m. Entered collection
1978. Seeds white. Local name Criollo. Cultivated. Seed.
444697. Choco 301. Choco State. 69m. Entered collection 1950A.
Seeds yellow. Local name Amarillo Choco. Cultivated. Seed.
444698. Choco 302. Choco State. 60m. Entered collection 1950A.
Seeds yellow. Local name Hembrita. Cultivated. Seed.
444699. Choco 303. Choco State. 59m. Entered collection 1950A.
Seeds yellow. Local name Amarillo Corriente. Cultivated.
Seed.
444700. Choco 304. Choco State. 69m. Entered collection 1950A.
Seeds reddish. Local name Indio o Culiso. Cultivated.
Seed.
444701. Choco 305. Choco State. 54m. Entered collection 1950A.
Seeds yellow. Local name Maiz cuba. Cultivated. Seed.
444702. Choco 306. Choco State. 69m. Entered collection 1950A.
Chocoseno race. Seeds white. Local name Maiz blanco Choco.
Cultivated. Seed.
444703. Choco 307. Choco State. 55m. Entered collection 1950A.
Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444704. Choco 308. Choco State. 60m. Entered collection 1950A.
Seeds yellow. Local name Amarillo Tamana. Cultivated.
Seed.
444705. Choco 309. Choco State. 60m. Entered collection 1950A.
Seeds yellow or white. Local name Diente gato. Cultivated.
Seed.
444706. Choco 310. Choco State. 69m. Entered collection 1950A.
Seeds floury, yellow. Local name Maiz capio. Cultivated.
Seed.
444707. Choco 311. Choco State. 1800m. Entered collection 1950A.

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- Clavo race. Seeds white. Local name Chococito. Cultivated. Seed.
444708. Choco 312. Choco State. 100m. Entered collection 1950A. Seeds yellow or white. Local name Capio. Cultivated. Seed.
444709. Choco 313. Choco State. 1800m. Entered collection 1950A. Seeds white. Local name Yucatanano. Cultivated. Seed.
444710. Choco 314. Choco State. 80m. Entered collection 1950A. Chococeno race. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444711. Choco 315. Choco State. 1900m. Entered collection 1950A. Seeds white. Local name Yucatanano. Cultivated. Seed.
444712. Choco 316. Choco State. 80m. Entered collection 1950A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444713. Choco 317. Choco State. 1800m. Entered collection 1950A. Seeds white. Local name Chococito carreras. Cultivated. Seed.
444714. Choco 318. Choco State. 1800m. Entered collection 1950A. Seeds yellow. Local name Indio mejorado. Cultivated. Seed.
444715. Choco 320. Choco State. 60m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444716. Choco 322. Choco State. 150m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444717. Choco 323. Choco State. 50m. Entered collection 1952A. Seeds floury, white. Local name Capio morado. Cultivated. Seed.
444718. Choco 324. Choco State. 120m. Entered collection 1952A. Seeds yellow. Local name Capio amarillo. Cultivated. Seed.
444719. Choco 325. Choco State. 100m. Entered collection 1952A. Chococeno race. Seeds yellow. Local name Cuba. Cultivated. Seed.
444720. Choco 326. Choco State. 50m. Entered collection 1952A. Seeds white or yellow. Local name Blanco. Cultivated. Seed.
444721. Choco 327. Choco State. 80m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444722. Choco 328. Choco State. 80m. Entered collection 1952A. Chococeno race. Seeds white. Local name Capio blanco. Cultivated. Seed.

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444723. Choco 329. Choco State. 80m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444724. Choco 330. Choco State. 80m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444725. Choco 331. Choco State. 50m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444726. Choco 333. Choco State. 140m. Entered collection 1952A. Chococeno race. Seeds yellow. Local name Pajarito. Cultivated. Seed.
444727. Choco 335. Choco State. 143m. Entered collection 1954A. Seeds yellow. Local name Pajarito capio. Cultivated. Seed.
444728. Choco 336. Choco State. 30m. Entered collection 1954A. Seeds yellow to white. Local name Maiz Amarillo. Cultivated. Seed.
444729. Choco 337. Choco State. 25m. Entered collection 1954A. Seeds yellow to white. Local name Maiz cuba. Cultivated. Seed.
444730. Choco 338. Choco State. 30m. Entered collection 1954A. Seeds yellow to white. Local name Cariaco. Cultivated. Seed.
444731. Choco 339. Choco State. 30m. Entered collection 1954A. Negrito race. Seeds small, black, Local name Negrito. Cultivated. Seed.
444732. Choco 340. Choco State. 30m. Entered collection 1954A. Chococeno race. Seeds yellow, floury. Local name Capio. Cultivated. Seed.
444733. Choco 341. Choco State. 30m. Entered collection 1954A. Seeds yellow. Local name Maiz grande. Cultivated. Seed.
444734. Choco 342. Choco State. 30m. Entered collection 1954A. Seeds yellow to white. Local name Maiz grande. Cultivated. Seed.
444735. Choco 343. Choco State. 30m. Entered collection 1954A. Seeds yellow, floury. Local name Capio Amarillo. Cultivated. Seed.
444736. Choco 344. Choco State. 30m. Entered collection 1954A. Seeds yellow, floury. Local name Capio Amarillo. Cultivated. Seed.
444737. Choco 348. Choco State. 80m. Entered collection 1954A.

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- Negrito race. Seeds small, black. Local name Paizozo. Cultivated. Seed.
444738. Choco 349. Choco State. 10m. Entered collection 1954A. Seeds small, black. Local name Negro Paizozo. Cultivated. Seed.
444739. Choco 353. Choco State. 30m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444740. Choco 354. Choco State. 10m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444741. Choco 356. Choco State. 15m. Entered collection 1954A. Chococeno race. Seeds white, floury. Local name Capio. Cultivated. Seed.
444742. Choco 357. Choco State. 5m. Entered collection 1954A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
444743. Choco 358. Choco State. 10m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444744. Choco 359. Choco State. 20m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444745. Choco 360. Choco State. 20m. Entered collection 1954A. Seeds white to yellow. Local name Amarillo. Cultivated. Seed.
444746. Choco 362. Choco State. 15m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444747. Choco 364. Choco State. 30m. Entered collection 1954A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
444748. Choco 366. Choco State. 15m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444749. Choco 368. Choco State. 15m. Entered collection 1954A. Seeds black. Local name Paizozo. Cultivated. Seed.
444750. Choco 372. Choco State. 15m. Entered collection 1954A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
444751. Choco 375. Choco State. 15m. Entered collection 1954A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
444752. Choco 376. Choco State. 15m. Entered collection 1954A.

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- Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
444753. Choco 381. Choco State. 5m. Entered collection 1954A. Seeds white, floury. Local name Capiro. Cultivated. Seed.
444754. Choco 383. Choco State. 5m. Entered collection 1954A. Seeds white, floury. Local name Capiro. Cultivated. Seed.
444755. Choco 385. Choco State. 50m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444756. Choco 386. Choco State. 20m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444757. Choco 387. Choco State. 15m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444758. Choco 388. Choco State. 15m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444759. Choco 389. Choco State. 10m. Entered collection 1954A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444760. Choco 391. Choco State. 20m. Entered collection 1954A. Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444761. Choco 392. Choco State. 100m. Entered collection 1954A. Seeds yellow to white. Local name Amarillo comun. Cultivated. Seed.
444762. Choco 394. Choco State. 40m. Entered collection 1954A. Seeds reddish yellow. Local name Amarillo panameno. Cultivated. Seed.
444763. Choco 397. Choco State. 35m. Entered collection 1954A. Seeds yellow, floury. Local name Capiro amarillo. Cultivated. Seed.
444764. Choco 398. Choco State. 15m. Entered collection 1954A. Seeds yellow and red. Local name Capiro amarillo. Cultivated. Seed.
444765. Choco 401. Choco State. 60m. Entered collection 1957B. Seeds yellow to white. Local name Capiro amarillo. Cultivated. Seed.
444766. Choco 402. Choco State. 56m. Entered collection 1957B. Seeds yellow to white. Local name Capiro amarillo. Cultivated. Seed.
444767. Choco 403. Choco State. 70m. Entered collection 1957B. Seeds yellow. Local name Sangrino. Cultivated. Seed.

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444768. Choco 404. Choco State. 35m. Entered collection 1957B. Seeds white. Local name Capiro. Cultivated. Seed.
444769. Choco 405. Choco State. 50m. Entered collection 1957B. Seeds white, floury. Local name Maiz indio. Cultivated. Seed.
444770. Choco 406. Choco State. 10m. Entered collection 1971A. Seeds yellow, floury. Local name Maiz indio. Cultivated. Seed.
444771. Choco 407. Choco State. 10m. Entered collection 1971A. Seeds purple, floury. Local name Maiz indio. Cultivated. Seed.
444772. Choco 408. Choco State. 20m. Entered collection 1971A. Seeds purple, floury. Local name Maiz indio. Cultivated. Seed.
444773. Choco 409. Choco State. 20m. Entered collection 1971A. Seeds purple, floury. Local name Maiz indio. Cultivated. Seed.
444774. Choco 410. Choco State. 20m. Entered collection 1971A. Seeds yellow, floury. Local name Maiz indio. Cultivated. Seed.
444775. Choco 411. Choco State. 50m. Entered collection 1971A. Seeds yellow, floury. Local name Maiz indio. Cultivated. Seed.
444776. Choco 412. Choco State. 100m. Entered collection 1973A. Seeds yellow to white. Local name Var. mejorada. Cultivated. Seed.
444777. Choco 413. Choco State. 200m. Entered collection 1973A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444778. Choco 414. Choco State. 100m. Entered collection 1973A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444779. Choco 415. Choco State. 100m. Entered collection 1975A. Seeds yellow. Local name Criollo. Cultivated. Seed.
444780. Guajira 302. Guajira State. 50m. Entered collection 1951B. Seeds yellow. Local name De aguja. Cultivated. Seed.
444781. Guajira 303. Guajira State. 300m. Entered collection 1951B. Seeds white. Local name De aguja. Cultivated. Seed.
444782. Guajira 304. Guajira State. 50m. Entered collection

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- 1951B. Seeds white. Local name De aguja. Cultivated. Seed.
444783. Guajira 306. Guajira State. 50m. Entered collection 1953A. Seeds purple. Local name Cariaco morado. Cultivated. Seed.
444784. Guajira 307. Guajira State. 50m. Entered collection 1953A. Seeds yellow. Local name Mayque. Cultivated. Seed.
444785. Guajira 308. Guajira State. 50m. Entered collection 1953A. Seeds yellow, floury. Local name Cuarentano. Cultivated. Seed.
444786. Guajira 310. Guajira State. 50m. Entered collection 1954A. Seeds white. Local name Guaigan. Cultivated. Seed.
444787. Guajira 311. Guajira State. 50m. Entered collection 1954A. Seeds white. Local name Blanco. Cultivated. Seed.
444788. Huila 301. Huila State. 891m. Entered collection 1950A. Seeds yellow. Local name Casado. Cultivated. Seed.
444789. Huila 302. Huila State. 905m. Entered collection 1950A. Seeds yellow. Local name Casado. Cultivated. Seed.
444790. Huila 303. Huila State. 800m. Entered collection 1950A. Seeds yellow to white. Local name Cuba. Cultivated. Seed.
444791. Huila 305. Huila State. 800m. Entered collection 1950A. Seeds white. Local name Capio. Cultivated. Seed.
444792. Huila 306. Huila State. 1000m. Entered collection 1951A. Seeds yellow to white. Local name Cuba. Cultivated. Seed.
444793. Huila 307. Huila State. 1100m. Entered collection 1951A. Seeds yellow. Local name Calillo. Cultivated. Seed.
444794. Huila 308. Huila State. 1050m. Entered collection 1951A. Seeds yellow or white. Local name Blanco comun. Cultivated. Seed.
444795. Huila 309. Huila State. 1100m. Entered collection 1951A. Seeds yellow, floury. Local name Cuba. Cultivated. Seed.
444796. Huila 310. Huila State. 800m. Entered collection 1951A. Seeds yellow or white. Local name Cuba. Cultivated. Seed.
444797. Huila 311. Huila State. 900m. Entered collection 1951A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444798. Huila 313. Huila State. 800m. Entered collection 1951A. Seeds yellow. Local name Cuba. Cultivated. Seed.

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444799. Huila 318. Huila State. 1050m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444800. Huila 319. Huila State. 1700m. Entered collection 1951A.
Seeds yellow or white. Local name Amarillo. Cultivated.
Seed.
444801. Huila 320. Huila State. 1000m. Entered collection 1951A.
Seeds yellow or white. Local name Tachuela. Cultivated.
Seed.
444802. Huila 321. Huila State. 1000m. Entered collection 1951A.
Seeds yellow. Local name Tachuela. Cultivated. Seed.
444803. Huila 322. Huila State. 1000m. Entered collection 1951A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
444804. Huila 323. Huila State. 1000m. Entered collection 1951A.
Seeds white. Local name Blanco comun. Cultivated. Seed.
444805. Huila 324. Huila State. 880m. Entered collection 1951A.
Seeds yellow, floury. Local name Maiz capio. Cultivated.
Seed.
444806. Huila 325. Huila State. 430m. Entered collection 1951A.
Seeds yellow, floury. Local name De Harina amarillo.
Cultivated. Seed.
444807. Huila 326. Huila State. 500m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444808. Huila 327. Huila State. 750m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444809. Huila 328. Huila State. 500m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444810. Huila 329. Huila State. 500m. Entered collection 1951A.
Seeds white. Local name Mono. Cultivated. Seed.
444811. Huila 330. Huila State. 700m. Entered collection 1951A.
Seeds white. local name Blanco. Cultivated. Seed.
444812. Huila 331. Huila State. 700m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444813. Huila 332. Huila State. 430m. Entered collection 1951A.
Seeds white. Local name Calilla. Cultivated. Seed.
444814. Huila 333. Huila State. 430m. Entered collection 1951A.
Seeds cream-colored. Local name Blanco. Cultivated. Seed.

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444815. Huila 334. Huila State. 430m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444816. Huila 335. Huila State. 430m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444817. Huila 336. Huila State. 700m. Entered collection 1951A.
Seeds white. Local name Mono. Cultivated. Seed.
444818. Huila 337. Huila State. 800m. Entered collection 1951A.
Seeds yellow or white. Local name Blanco. Cultivated.
Seed.
444819. Huila 338. Huila State. 800m. Entered collection 1951A.
Seeds yellow or white. Local name Blanco. Cultivated.
Seed.
444820. Huila 339. Huila State. 730m. Entered collection 1951A.
Seeds cream-colored. Local name Mono. Cultivated. Seed.
444821. Huila 341. Huila State. 430m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444822. Huila 342. Huila State. 1000m. Entered collection 1951A.
Seeds white or yellow. Local name Blanco casado.
Cultivated. Seed.
444823. Huila 343. Huila State. 605m. Entered collection 1951A.
Seeds white. Local name Blanco casado. Cultivated. Seed.
444824. Huila 344. Huila State. 1340m. Entered collection 1951A.
Seeds white or yellow. Local name Plateno. Cultivated.
Seed.
444825. Huila 345. Huila State. 940m. Entered collection 1951A.
Seeds white or yellow. Local name Amarillo. Cultivated.
Seed.
444826. Huila 346. Huila State. 1040m. Entered collection 1951A.
Seeds white. Local name Yucatano. Cultivated. Seed.
444827. Huila 347. Huila State. 880m. Entered collection 1951A.
Seeds yellow to white. Local name Casado de cuba.
Cultivated. Seed.
444828. Huila 348. Huila State. 700m. Entered collection 1951A.
Seeds yellow to white. Local name Matizado. Cultivated.
Seed.
444829. Huila 349. Huila State. 900m. Entered collection 1951A.
Seeds yellow to white. Local name Pira. Cultivated. Seed.

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444830. Huila 350. Huila State. 700m. Entered collection 1951A. Seeds yellow to white. Local name Yucatan. Cultivated. Seed.
444831. Huila 351. Huila State. 800m. Entered collection 1951A. Seeds yellow. Local name Terenque. Cultivated. Seed.
444832. Huila 352. Huila State. 940m. Entered collection 1951A. Seeds yellow to white. Local name Comun. Cultivated. Seed.
444833. Huila 353. Huila State. 1100m. Entered collection 1951A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444834. Huila 354. Huila State. 1100m. Entered collection 1951A. Cagueteno race. Seeds white. Local name Blanco. Cultivated. Seed.
444835. Huila 355. Huila State. 700m. Entered collection 1951A. Seeds yellow. Local name Terenque. Cultivated. Seed.
444836. Huila 356. Huila State. 550m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
444837. Huila 357. Huila State. 550m. Entered collection 1951A. Seeds white to yellow. Local name Blanco casado. Cultivated. Seed.
444838. Huila 358. Huila State. 1500m. Entered collection 1951A. Seeds white to yellow. Local name Amarillo. Cultivated. Seed.
444839. Huila 359. Huila State. 680m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
444840. Huila 360. Huila State. 880m. Entered collection 1951A. Seeds white. Local name Amarillo. Cultivated. Seed.
444841. Huila 361. Huila State. 1170m. Entered collection 1951A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444842. Huila 362. Huila State. 940m. Entered collection 1951A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444843. Huila 363. Huila State. 1120m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
444844. Huila 364. Huila State. 1000m. Entered collection 1951A. Seeds yellow. Local name Calilla. Cultivated. Seed.
444845. Huila 365. Huila State. 1200m. Entered collection 1951A. Seeds white. Local name Blanco fino. Cultivated. Seed.

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444846. Huila 366. Huila State. 1000m. Entered collection 1951A.
Seeds yellow to white. Local name Raton. Cultivated. Seed.
444847. Huila 367. Huila State. 1000m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444848. Huila 369. Huila State. 1000m. Entered collection 1951A.
Seeds white to yellow. Local name Maiz casado. Cultivated.
Seed.
444849. Huila 370. Huila State. 640m. Entered collection 1951A.
Seeds yellow to white. Local name Blanco. Cultivated.
Seed.
444850. Huila 371. Huila State. 600m. Entered collection 1951A.
Seeds yellow to white. Local name Blanco. Cultivated.
Seed.
444851. Huila 372. Huila State. 600m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444852. Huila 374. Huila State. 550m. Entered collection 1951A.
Seeds white. Local name Pirita. Cultivated. Seed.
444853. Huila 376. Huila State. 550m. Entered collection 1951A.
Seeds white to yellow. Local name Comun. Cultivated. Seed.
444854. Huila 377. Huila State. 1000m. Entered collection 1951A.
Seeds white to yellow. Local name Morado. Cultivated.
Seed.
444855. Huila 378. Huila State. 700m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444856. Huila 379. Huila State. 600m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
444857. Huila 381. Huila State. 850m. Entered collection 1951A.
Seeds yellow to white. Local name Cuba cruzado,
Cultivated. Seed.
444858. Huila 382. Huila State. 850m. Entered collection 1951A.
Seeds yellow to white. Local name Cuba casado. Cultivated.
Seed.
444859. Huila 383. Huila State. 850m. Entered collection 1951A.
Seeds yellow to white. Local name Blanco. Cultivated.
Seed.
444860. Huila 384. Huila State. 1320m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.

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444861. Huila 385. Huila State. 1320m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444862. Huila 386. Huila State. 1320m. Entered collection 1968A.
Seeds yellow. Local name Tachuela. Cultivated. Seed.
444863. Huila 387. Huila State. 1320m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444864. Huila 388. Huila State. 1320m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444865. Huila 389. Huila State. 100m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444866. Huila 390. Huila State. 700m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444867. Huila 391. Huila State. 700m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444868. Huila 392. Huila State. 1400m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444869. Huila 393. Huila State. 1400m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444870. Huila 394. Huila State. 450m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444871. Huila 395. Huila State. 450m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444872. Huila 396. Huila State. 1500m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444873. Huila 397. Huila State. 1500m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444874. Huila 398. Huila State. 500m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444875. Huila 399. Huila State. 500m. Entered collection 1968A.
Seeds white. Local name Regional. Cultivated. Seed.
444876. Huila 400. Huila State. 500m. Entered collection 1968A.
Seeds yellow. Local name Regional. Cultivated. Seed.
444877. Huila 401. Huila State. 500m. Entered collection 1968A.
Seeds yellow to white. Local name Regional. Cultivated.
Seed.

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444878. Huila 402. Huila State. 500m. Entered collection 1968A. Seeds yellow to white. Local name Regional. Cultivated. Seed.
444879. Huila 403. Huila State. 500m. Entered collection 1968A. Seeds yellow to white. Local name Regional. Cultivated. Seed.
444880. Huila 404. Huila State. 2000m. Entered collection 1968A. Seeds yellow to white. Local name Regional. Cultivated. Seed.
444881. Mag. 301. Magdalena State. 120m. Entered collection 1950A. Seeds white to yellow. Local name Blanco. Cultivated. Seed.
444882. Mag. 302. Magdalena State. 200m. Entered collection 1950A. Seeds white. Local name Criollo. Cultivated. Seed.
444883. Mag. 305. Magdalena State. 820m. Entered collection 1950A. Seeds yellow to white. Local name Blanco comun. Cultivated. Seed.
444884. Mag. 306. Magdalena State. 820m. Entered collection 1950A. Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
444885. Mag. 307. Magdalena State. 10m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444886. Mag. 308. Magdalena State. 20m. Entered collection 1951B. Seeds white. Local name Blanco comun. Cultivated. Seed.
444887. Mag. 309. Magdalena State. 20m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444888. Mag. 310. Magdalena State. 20m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444889. Mag. 311. Magdalena State. 25m. Entered collection 1951E. Seeds yellow. Local name Cuba. Cultivated. Seed.
444890. Mag. 312. Magdalena State. 25m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444891. Mag. 313. Magdalena State. 20m. Entered collection 1951E. Seeds white. Local name Criollo. Cultivated. Seed.
444892. Mag. 316. Magdalena State. 15m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444893. Mag. 317. Magdalena State. 50m. Entered collection 1951B.

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- Seeds white. Local name Comun. Cultivated. Seed.
444894. Mag. 318. Magdalena State. 12m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444895. Mag. 319. Magdalena State. 50m. Entered collection 1951B. Seeds yellow, floury. Local name Parachito. Cultivated. Seed.
444896. Mag. 320. Magdalena State. 100m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444897. Mag. 321. Magdalena State. 50m. Entered collection 1951B. Negrito race. Seeds red. Local name Cariaco. Cultivated. Seed.
444898. Mag. 322. Magdalena State. 50m. Entered collection 1951B. Puya race. Seeds white. Local name Blanco. Cultivated. Seed.
444899. Mag. 324. Magdalena State. 20m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444900. Mag. 325. Magdalena State. 640m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444901. Mag. 326. Magdalena State. 300m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444902. Mag. 327. Magdalena State. 300m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444903. Mag. 330. Magdalena State. 500m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444904. Mag. 331. Magdalena State. 300m. Entered collection 1951B. Seeds white to yellow. Local name Blanco. Cultivated. Seed.
444905. Mag. 333. Magdalena State. 15m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444906. Mag. 334. Magdalena State. 1650m. Entered collection 1951B. Seeds white. Local name De aguja. Cultivated. Seed.
444907. Mag. 335. Magdalena State. 100m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444908. Mag. 337. Magdalena State. 200m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444909. Mag. 338. Magdalena State. 500m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.

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444910. Mag. 339. Magdalena State. 900m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444911. Mag. 340. Magdalena State. 640m. Entered collection 1951B. Seeds yellow. Local name Crema. Cultivated. Seed.
444912. Mag. 341. Magdalena State. 200m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444913. Mag. 342. Magdalena State. 200m. Entered collection 1951B. Seeds white. Local name Blanco x Aguja. Cultivated. Seed.
444914. Mag. 343. Magdalena State. 200m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444915. Mag. 344. Magdalena State. 200m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444916. Mag. 345. Magdalena State. 200m. Entered collection 1951B. Seeds yellow or white. Local name Cuba. Cultivated. Seed.
444917. Mag. 346. Magdalena State. 200m. Entered collection 1951B. Seeds yellow. Local name Ligerito. Cultivated. Seed.
444918. Mag. 348. Magdalena State. 18m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444919. Mag. 350. Magdalena State. 20m. Entered collection 1951B. Costeno race. Seeds white. Local name Blanco. Cultivated. Seed.
444920. Mag. 351. Magdalena State. 9m. Entered collection 1951B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444921. Mag. 352. Magdalena State. 27m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444922. Mag. 354. Magdalena State. 27m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444923. Mag. 355. Magdalena State. 27m. Entered collection 1951B. Puya race. Seeds white. Local name Blanco. Cultivated. Seed.
444924. Mag. 356. Magdalena State. 27m. Entered collection 1951B. Seeds yellow. Local name Puya cuba. Cultivated. Seed.
444925. Mag. 358. Magdalena State. 150m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.

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444926. Mag. 359. Magdalena State. 55m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444927. Mag. 360. Magdalena State. 50m. Entered collection 1951B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444928. Mag. 361. Magdalena State. 55m. Entered collection 1951B. Seeds yellow. Local name Cuarentano. Cultivated. Seed.
444929. Mag. 362. Magdalena State. 40m. Entered collection 1951B. Seeds yellow. Local name Yucatan. Cultivated. Seed.
444930. Mag. 363. Magdalena State. 55m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444931. Mag. 365. Magdalena State. 40m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444932. Mag. 366. Magdalena State. 140m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
444933. Mag. 368. Magdalena State. 55m. Entered collection 1951B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444934. Mag. 371. Magdalena State. 40m. Entered collection 1951B. Seeds yellow. Local name Veranillo. Cultivated. Seed.
444935. Mag. 372. Magdalena State. 35m. Entered collection 1951B. Seeds yellow. Local name Cuarentano. Cultivated. Seed.
444936. Mag. 374. Magdalena State. 55m. Entered collection 1951B. Seeds white. Local name Puya. Cultivated. Seed.
444937. Mag. 375. Magdalena State. 55m. Entered collection 1951B. Seeds white. Local name Bobo. Cultivated. Seed.
444938. Mag. 376. Magdalena State. 61m. Entered collection 1951B. Seeds white. Local name Puya crema. Cultivated. Seed.
444939. Mag. 379. Magdalena State. 30m. Entered collection 1953A. Seeds white. Local name Theobromina. Cultivated. Seed.
444940. Mag. 383. Magdalena State. 50m. Entered collection 1953A. Seeds yellow. Local name Venezolano. Cultivated. Seed.
444941. Mag. 384. Magdalena State. 50m. Entered collection 1953A. Seeds yellow. Local name Venezolano. Cultivated. Seed.
444942. Mag. 385. Magdalena State. 50m. Entered collection 1953A. Seeds white. Local name Perla. Cultivated. Seed.
444943. Mag. 387. Magdalena State. 250m. Entered collection

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- 1953A. Seeds white. Local name Blanco. Cultivated. Seed.
444944. Mag. 388. Magdalena State. 200m. Entered collection
1950B. Seeds white. Local name Blanco. Cultivated. Seed.
444945. Mag. 389. Magdalena State. 250m. Entered collection
1950B. Seeds yellow. Local name Amarillo. Cultivated.
Seed.
444946. Mag. 390. Magdalena State. 250m. Entered collection
1950B. Puya segregating race. Seeds white. Local name
Puyita. Cultivated. Seed.
444947. Mag. 391. Magdalena State. 250m. Entered collection
1950B. Seeds yellow. Local name Vallenato. Cultivated.
Seed.
444948. Mag. 392. Magdalena State. 250m. Entered collection
1950B. Seeds yellow to purple. Local name Negrito.
Cultivated. Seed.
444949. Mag. 393. Magdalena State. 250m. Entered collection
1950B. Seeds white. Local name Cazcon x Fuyita.
Cultivated. Seed.
444950. Mag. 395. Magdalena State. 250m. Entered collection
1950B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444951. Mag. 396. Magdalena State. 250m. Entered collection
1950B. Seeds white. Local name Cazcon x Fuyita.
Cultivated. Seed.
444952. Mag. 397. Magdalena State. 250m. Entered collection
1950B. Seeds yellow. Local name Amarillo cuba. Cultivated.
Seed.
444953. Mag. 398. Magdalena State. 250m. Entered collection
1950B. Seeds white. Local name Blanco. Cultivated. Seed.
444954. Mag. 399. Magdalena State. 250m. Entered collection
1950B. Cariaco race. Seeds floury, yellow. Local name
Cariaco. Cultivated. Seed.
444955. Mag. 401. Magdalena State. 200m. Entered collection
1950B. Seeds white. Local name Maiz aguja. Cultivated.
Seed.
444956. Mag. 402. Magdalena State. 400m. Entered collection
1950B. Seeds white. Local name Puyita. Cultivated. Seed.
444957. Mag. 405. Magdalena State. 250m. Entered collection
1950B. Seeds white. Local name Puya. Cultivated. Seed.

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444958. Mag. 406. Magdalena State. 200m. Entered collection 1950B. Seeds yellow. Local name Cuba ligero. Cultivated. Seed.
444959. Mag. 407. Magdalena State. 50m. Entered collection 1950B. Seeds yellow. Local name Cuba. Cultivated. Seed.
444960. Mag. 408. Magdalena State. 50m. Entered collection 1955A. Cariaco race. Seeds floury, yellow. Local name Cariaco. Cultivated. Seed.
444961. Mag. 410. Magdalena State. 250m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444962. Mag. 411. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Venezolano. Cultivated. Seed.
444963. Mag. 414. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444964. Mag. 416. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Puya. Cultivated. Seed.
444965. Mag. 418. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444966. Mag. 420. Magdalena State. 40m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444967. Mag. 421. Magdalena State. 50m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444968. Mag. 423. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated, Seed.
444969. Mag. 424. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444970. Mag. 427. Magdalena State. 50m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444971. Mag. 428. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444972. Mag. 429. Magdalena State. 50m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444973. Mag. 430. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Criollo x Aguja, Cultivated. Seed.
444974. Mag. 432. Magdalena State. 50m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.

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444975. Mag. 433. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444976. Mag. 435. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444977. Mag. 436. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
444978. Mag. 437. Magdalena State. 50m. Entered collection 1955A. Seeds white. Local name Brisa. Cultivated. Seed.
444979. Mag. 438. Magdalena State. 50m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
444980. Mag. 441. Magdalena State. 50m. Entered collection 1955A. Seeds yellow. Local name Changue. Cultivated. Seed.
444981. Mag. 442. Magdalena State. 1200m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
444982. Mag. 443. Magdalena State. 1860m. Entered collection 1955A. Guirua race. Seeds yellow. Local name Guirua. Cultivated. Seed.
444983. Mag. 444. Magdalena State. 1300m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444984. Mag. 445. Magdalena State. 1300m. Entered collection 1955A. Seeds white. Local name Yucatan x Aguja. Cultivated. Seed.
444985. Mag. 446. Magdalena State. 1240m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444986. Mag. 447. Magdalena State. 1860m. Entered collection 1955A. Guirua race. Seeds yellow. Local name Guirua. Cultivated. Seed.
444987. Mag. 448. Magdalena State. 1140m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444988. Mag. 449. Magdalena State. 1140m. Entered collection 1955A. Seeds yellow. Local name Antioqueno. Cultivated. Seed.
444989. Mag. 450. Magdalena State. 1870m. Entered collection 1955A. Guirua race. Seeds yellow. Local name Guirua. Cultivated. Seed.
444990. Mag. 452. Magdalena State. 1150m. Entered collection

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- 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444991. Mag. 453. Magdalena State. 1450m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444992. Mag. 454. Magdalena State. 1380m. Entered collection
1955A. Seeds white. Local name Puyita x Yucatan.
Cultivated. Seed.
444993. Mag. 455. Magdalena State. 1380m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
444994. Mag. 456. Magdalena State. 1200m. Entered collection
1955A. Seeds yellow. Local name Maiz criollo. Cultivated.
Seed.
444995. Mag. 457. Magdalena State. 1200m. Entered collection
1955A. Seeds white. Local name Yucatan aguja. Cultivated.
Seed.
444996. Mag. 458. Magdalena State. 1500m. Entered collection
1955A. Seeds yellow. Local name Colorado. Cultivated.
Seed.
444997. Mag. 459. Magdalena State. 1870m. Entered collection
1955A. Seeds yellow. Local name Changue. Cultivated. Seed.
444998. Mag. 460. Magdalena State. 1870m. Entered collection
1955A. Seeds yellow. Local name Changue. Cultivated. Seed.
444999. Mag. 461. Magdalena State. 1870m. Entered collection
1955A. Seeds yellow. Local name Antioqueno. Cultivated.
Seed.
445000. Mag. 462. Magdalena State. 500m. Entered collection
1955A. Seeds yellow. Local name Cuarentano. Cultivated.
Seed.
445001. Mag. 463. Magdalena State. 1860m. Entered collection
1955A. Seeds white. Local name Blanco. Cultivated. Seed.
445002. Mag. 464. Magdalena State. 1500m. Entered collection
1955A. Guirua race. Seeds yellow. Local name Guirua.
Cultivated. Seed.
445003. Mag. 465. Magdalena State. 1500m. Entered collection
1955A. Seeds floury, yellow. Local name Ucarito.
Cultivated. Seed.
445004. Mag. 466. Magdalena State. 1850m. Entered collection
1955A. Guirua race. Seeds yellow. Local name Cumun guirua.
Cultivated. Seed.

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445005. Mag. 467. Magdalena State. 1500m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445006. Mag. 468. Magdalena State. 1780m. Entered collection 1955A. Seeds yellow. Local name Antioqueno. Cultivated. Seed.
445007. Mag. 469. Magdalena State. 1870m. Entered collection 1955A. Guirua race. Seeds yellow. Local name Guirua. Cultivated. Seed.
445008. Mag. 470. Magdalena State. 1150m. Entered collection 1955A. Seeds floury, yellow. Local name Cariaco. Cultivated. Seed.
445009. Mag. 471. Magdalena State. 850m. Entered collection 1955A. Seeds white. Local name Cordillerano. Cultivated. Seed.
445010. Mag. 472. Magdalena State. 1860m. Entered collection 1955A. Guirua race. Seeds purple. Local name Guirua. Cultivated. Seed.
445011. Mag. 474. Magdalena State. 1150m. Entered collection 1955A. Seeds white to yellow. Local name Cordillerano. Cultivated. Seed.
445012. Mag. 475. Magdalena State. 1150m. Entered collection 1955A. Seeds white to yellow. Local name Piedrigo Blanco. Cultivated. Seed.
445013. Mag. 476. Magdalena State. 1500m. Entered collection 1966A. Seeds white dent. Local name Criollo. Cultivated. Seed.
445014. Meta 301. Meta State. 600m. Entered collection 1954A. Seeds white. Local name Maiz criollo. Cultivated. Seed.
445015. Meta 302. Meta State. 560m. Entered collection 1955A. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445016. Meta 303. Meta State. 340m. Entered collection 1955A. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445017. Meta 304. Meta State. 950m. Entered collection 1955A. Seeds yellow or white. Local name Yucatan. Cultivated. Seed.
445018. Meta 305. Meta State. 640m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445019. Meta 306. Meta State. 360m. Entered collection 1955A.

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- Seeds white. Local name Hibrido. Cultivated. Seed.
445020. Meta 307. Meta State. 370m. Entered collection 1955A.
Seeds white. Local name Arroz blanco. Cultivated. Seed.
445021. Meta 308. Meta State. 320m. Entered collection 1955A.
Seeds white. Local name Clavo. Cultivated. Seed.
445022. Meta 309. Meta State. 450m. Entered collection 1955A.
Seeds white. Local name De harina. Cultivated. Seed.
445023. Meta 310. Meta State. 340m. Entered collection 1955A.
Seeds white. Local name Blanco. Cultivated. Seed.
445024. Meta 311. Meta State. 640m. Entered collection 1955A.
Seeds white. Local name Yucatan. Cultivated. Seed.
445025. Meta 312. Meta State. 600m. Entered collection 1955A.
Seeds floury, white. Local name De harina. Cultivated.
Seed.
445026. Meta 313. Meta State. 540m. Entered collection 1955A.
Seeds white. Local name Arroz blanco. Cultivated. Seed.
445027. Meta 314. Meta State. 320m. Entered collection 1955A.
Seeds white. Local name Arroz blanco. Cultivated. Seed.
445028. Meta 315. Meta State. 640m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445029. Meta 316. Meta State. 450m. Entered collection 1955A.
Seeds white. Local name Arroz I. Cultivated. Seed.
445030. Meta 317. Meta State. 690m. Entered collection 1955A.
Seeds white. Local name Arroz. Cultivated. Seed.
445031. Meta 318. Meta State. 650m. Entered collection 1955A.
Seeds white. Local name Yucatan. Cultivated. Seed.
445032. Meta 319. Meta State. 450m. Entered collection 1955A.
Seeds white. Local name Arroz II. Cultivated. Seed.
445033. Meta 320. Meta State. 570m. Entered collection 1955A.
Seeds white. Local name Pira. Cultivated. Seed.
445034. Meta 321. Meta State. 320m. Entered collection 1955A.
Seeds white. Local name Arroz blanco. Cultivated. Seed.
445035. Meta 322. Meta State. 700m. Entered collection 1955A.
Seeds white. Local name Yucatan. Cultivated. Seed.
445036. Meta 323. Meta State. 650m. Entered collection 1955A.
Seeds white. Local name Arroz. Cultivated. Seed.

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445037. Meta 324. Meta State. 570m. Entered collection 1955A.
Seeds white. Local name Blanco. Cultivated. Seed.
445038. Meta 325. Meta State. 600m. Entered collection 1955A.
Seeds white. Local name Yucatan. Cultivated. Seed.
445039. Meta 327. Meta State. 460m. Entered collection 1955A.
Seeds yellow. Local name Arroz amarillo. Cultivated. Seed.
445040. Meta 328. Meta State. 640m. Entered collection 1955A.
Seeds white. Local name Arroz. Cultivated. Seed.
445041. Meta 329. Meta State. 600m. Entered collection 1959B.
Seeds yellow to white. Local name Criollo. Cultivated.
Seed.
445042. Meta 330. Meta State. 300m. Entered collection 1968A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445043. Meta 331. Meta State. 490m. Entered collection 1968A.
Seeds cream-colored. Local name Criollo. Cultivated. Seed.
445044. Meta 332. Meta State. 498m. Entered collection 1968A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445045. Meta 333. Meta State. 500m. Entered collection 1968A.
Seeds floury, white. Local name Tucurita. Cultivated.
Seed.
445046. Meta 334. Meta State. 350m. Entered collection 1973E.
Seeds white dent. Local name Clavito. Cultivated. Seed.
445047. Meta 335. Meta State. 350m. Entered collection 1973B.
Seeds white dent. Local name Criollo. Cultivated. Seed.
445048. Narino 301. Narino State. 180m. Entered collection 1950A.
Seeds yellow to white. Local name Criollo. Cultivated.
Seed.
445049. Narino 302. Narino State. 30m. Entered collection 1950A.
Seeds yellow to white. Local name Guanamito. Cultivated.
Seed.
445050. Narino 305. Narino State. 2920m. Entered collection
1950A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445051. Narino 307. Narino State. 1700m. Entered collection
1950B. Seeds yellow to white. Local name Maiz criollo.
Cultivated. Seed.
445052. Narino 308. Narino State. 1700m. Entered collection
1950B. Seeds reddish yellow. Local name Maiz criollo.

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- Cultivated. Seed.
445053. Narino 309. Narino State. 1700m. Entered collection 1950B. Seeds reddish yellow. Local name Maiz criollo. Cultivated. Seed.
445054. Narino 310. Narino State. 1700m. Entered collection 1950B. Seeds white. Local name Maiz criollo. Cultivated. Seed.
445055. Narino 315. Narino State. 2200m. Entered collection 1950B. Capio segregating race. Seeds white. Local name Maiz criollo. Cultivated. Seed.
445056. Narino 320. Narino State. 1800m. Entered collection 1950B. Seeds yellow to white. Local name Maiz criollo. Cultivated. Seed.
445057. Narino 321. Narino State. 1800m. Entered collection 1950B. Seeds yellow. Local name Maiz criollo. Cultivated. Seed.
445058. Narino 323. Narino State. 1800m. Entered collection 1950B. Seeds white. Local name Maiz criollo. Cultivated. Seed.
445059. Narino 324. Narino State. 1800m. Entered collection 1950B. Seeds cream-colored. Local name Maiz criollo. Cultivated. Seed.
445060. Narino 326. Narino State. 1400m. Entered collection 1950B. Maiz Harinoso Dentado race. Seeds floury, white. Local name Maiz criollo. Cultivated. Seed.
445061. Narino 329. Narino State. 2000m. Entered collection 1950B. Clavo segregating race. Seeds floury, white. Local name Maiz criollo. Cultivated. Seed.
445062. Narino 330. Narino State. 1400m. Entered collection 1950B. Seeds yellow to white. Local name Maiz criollo. Cultivated. Seed.
445063. Narino 332. Narino State. 260m. Entered collection 1950B. Seeds yellow. Local name Maiz criollo. Cultivated. Seed.
445064. Narino 334. Narino State. 1400m. Entered collection 1950B. Seeds yellow. Local name Maiz criollo. Cultivated. Seed.
445065. Narino 337. Narino State. 1400m. Entered collection 1950B. Seeds yellow. Local name Maiz criollo. Cultivated. Seed.

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445066. Narino 350. Narino State. 2162m. Entered collection 1951B. Seeds cream-colored. Local name Nititui chiguito. Cultivated. Seed.
445067. Narino 352. Narino State. 1500m. Entered collection 1951B. Seeds white. Local name Maiz bogotano. Cultivated. Seed.
445068. Narino 353. Narino State. 1705m. Entered collection 1951B. Seeds yellow. Local name Maiz 3 meses. Cultivated. Seed.
445069. Narino 354. Narino State. 1800m. Entered collection 1951B. Seeds yellow. Local name Calentano. Cultivated. Seed.
445070. Narino 355. Narino State. 2162m. Entered collection 1951B. Seeds white. Local name Sibunday. Cultivated. Seed.
445071. Narino 356. Narino State. 2162m. Entered collection 1951B. Seeds white. Local name Nititui blanco. Cultivated. Seed.
445072. Narino 357. Narino State. 1705m. Entered collection 1951B. Seeds yellow. Local name Maiz de ano. Cultivated. Seed.
445073. Narino 358. Narino State. 1700m. Entered collection 1951B. Amagaceno race. Seeds white. Local name Yucatan. Cultivated. Seed.
445074. Narino 359. Narino State. 1500m. Entered collection 1951B. Seeds white. Local name Maiz azufre. Cultivated. Seed.
445075. Narino 362. Narino State. 1800m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated, Seed.
445076. Narino 363. Narino State. 1800m. Entered collection 1951B. Pira naranja race. Seeds yellow. Local name Maiz maicena. Cultivated. Seed.
445077. Narino 364. Narino State. 1800m. Entered collection 1951B. Seeds yellow. Local name Africano. Cultivated. Seed.
445078. Narino 365. Narino State. 1800m. Entered collection 1951B. Seeds floury, white. Local name Capio. Cultivated. Seed.
445079. Narino 366. Narino State. 1500m. Entered collection 1951B. Seeds yellow. Local name Agudelo. Cultivated. Seed.

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445080. Narino 367. Narino State. 1800m. Entered collection 1951B. Seeds yellow. Local name Yunga. Cultivated. Seed.
445081. Narino 368. Narino State. 1800m. Entered collection 1951B. Seeds white. Local name Maicena blanco. Cultivated. Seed.
445082. Narino 369. Narino State. 1700m. Entered collection 1951B. Pira Naranja race. Seeds yellow. Local name Maicena. Cultivated. Seed.
445083. Narino 370. Narino State. 1500m. Entered collection 1951B. Seeds yellow. Local name Amarillo timanejo. Cultivated. Seed.
445084. Narino 371. Narino State. 1700m. Entered collection 1951B. Seeds white. Local name Blanco anicero. Cultivated. Seed.
445085. Narino 372. Narino State. 2162m. Entered collection 1951B. Seeds yellow. Local name Amarillo degueno. Cultivated. Seed.
445086. Narino 373. Narino State. 1700m. Entered collection 1951B. Seeds yellow. Local name Amarillo calentano. Cultivated. Seed.
445087. Narino 374. Narino State. 2162m. Entered collection 1951B. Seeds yellow. Local name Caleno. Cultivated. Seed.
445088. Narino 375. Narino State. 2162m. Entered collection 1951B. Seeds yellow. Local name Amarillo culon. Cultivated. Seed.
445089. Narino 376. Narino State. 1705m. Entered collection 1951B. Seeds white. Local name Nititui chiguito. Cultivated. Seed.
445090. Narino 377. Narino State. 1800m. Entered collection 1951B. Seeds white. Local name Yucatan blanco. Cultivated. Seed.
445091. Narino 378. Narino State. 1900m. Entered collection 1951B. Seeds yellow. Local name Morocho. Cultivated. Seed.
445092. Narino 379. Narino State. 1900m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
445093. Narino 380. Narino State. 2193m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
445094. Narino 381. Narino State. 2193m. Entered collection

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- 1951B. Seeds white. Local name Blanco morocho. Cultivated. Seed.
445095. Narino 382. Narino State. 1848m. Entered collection
1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
445096. Narino 383. Narino State. 1850m. Entered collection
1951B. Seeds yellow. Local name Yunga. Cultivated. Seed.
445097. Narino 384. Narino State. 1848m. Entered collection
1951B. Seeds yellow. Local name Yunga. Cultivated. Seed.
445098. Narino 385. Narino State. 1500m. Entered collection
1951B. Seeds white. Local name Noventano. Cultivated. Seed.
445099. Narino 387. Narino State. 1134m. Entered collection
1951B. Seeds white. Local name Morocho. Cultivated. Seed.
445100. Narino 388. Narino State. 2000m. Entered collection
1951B. Seeds white. Local name Morocho blanco. Cultivated. Seed.
445101. Narino 389. Narino State. 2000m. Entered collection
1951B. Imbricado race. Seeds white. Local name Canguil. Cultivated. Seed.
445102. Narino 391. Narino State. 1900m. Entered collection
1951B. Seeds yellow. Local name Morocho amarillo. Cultivated. Seed.
445103. Narino 392. Narino State. 2000m. Entered collection
1951B. Chococeno blanco race. Seeds white. Local name Blanco comun. Cultivated. Seed.
445104. Narino 393. Narino State. 2100m. Entered collection
1951B. Seeds yellow. Local name Noventano. Cultivated. Seed.
445105. Narino 394. Narino State. 2100m. Entered collection
1951B. Seeds yellow. Local name Morocho, Cultivated. Seed.
445106. Narino 397. Narino State. 2100m. Entered collection
1951B. Seeds yellow. Local name Criollo. Cultivated. Seed.
445107. Narino 398. Narino State. 1500m. Entered collection
1951B. Seeds yellow. Local name Candelario. Cultivated. Seed.
445108. Narino 400. Narino State. 1850m. Entered collection
1951B. Seeds yellow. Local name Morocho. Cultivated. Seed.
445109. Narino 402. Narino State. 2000m. Entered collection

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- 1951B. Seeds yellow. Local name Candelario. Cultivated.
Seed.
445110. Narino 404. Narino State. 1900m. Entered collection
1951B. Seeds yellow. Local name Grande. Cultivated. Seed.
445111. Narino 411. Narino State. 2700m. Entered collection
1953A. Seeds white. Local name Maiz morocho. Cultivated.
Seed.
445112. Narino 413. Narino State. 2800m. Entered collection
1953A. Seeds white. Local name Morocho blanco. Cultivated.
Seed.
445113. Narino 418. Narino State. 2390m. Entered collection
1953A. Seeds white to yellow. Local name Maiz P.O.J.
Cultivated. Seed.
445114. Narino 425. Narino State. 3104m. Entered collection
1953A. Sabanero race. Seeds yellow. Local name Maiz
morocho. Cultivated. Seed.
445115. Narino 426. Narino State. 2500m. Entered collection
1953A. Montana segregating race. Seeds white. Local name
Maiz choteno. Cultivated. Seed.
445116. Narino 427. Narino State. 2700m. Entered collection
1953A. Seeds yellow. Local name Maiz morocho. Cultivated.
Seed.
445117. Narino 429. Narino State. 980m. Entered collection 1953A.
Pira naranja race. Seeds yellow to white. Local name Maiz
morocho. Cultivated. Seed.
445118. Narino 430. Narino State. 2500m. Entered collection
1953A. Dulce race. Seeds sweet. Local name Maiz chulpi.
Cultivated. Seed.
445119. Narino 431. Narino State. 2600m. Entered collection
1953A. Seeds floury, yellow. Local name Maiz capio.
Cultivated. Seed.
445120. Narino 434. Narino State. 2600m. Entered collection
1953A. Seeds white. Local name Maiz morocho. Cultivated.
Seed.
445121. Narino 437. Narino State. 2600m. Entered collection
1953A. Seeds yellow. Local name Maiz morocho. Cultivated.
Seed.
445122. Narino 450. Narino State. 30m. Entered collection 1955A.
Seeds white to yellow. Local name Blanco. Cultivated.
Seed.

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445123. Narino 452. Narino State. 50m. Entered collection 1955A. Seeds yellow. Local name Comun. Cultivated. Seed.
445124. Narino 454. Narino State. 2m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445125. Narino 459. Narino State. 30m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445126. Narino 471. Narino State. 1100m. Entered collection 1955A. Pira Naranja race. Seeds yellow. Local name Maicena. Cultivated. Seed.
445127. Narino 472. Narino State. 900m. Entered collection 1955A. Seeds yellow to white. Local name Botoneno. Cultivated. Seed.
445128. Narino 473. Narino State. 1200m. Entered collection 1955A. Seeds white. Local name Pucho. Cultivated. Seed.
445129. Narino 475. Narino State. 1100m. Entered collection 1955A. Seeds white. Local name Yucatan grande. Cultivated. Seed.
445130. Narino 476. Narino State. 1700m. Entered collection 1955A. Seeds yellow. Local name Amarillo (II). Cultivated. Seed.
445131. Narino 477. Narino State. 1600m. Entered collection 1955A. Seeds yellow. Local name Blanco chiquito. Cultivated. Seed.
445132. Narino 478. Narino State. 1100m. Entered collection 1955A. Seeds white. Local name Azufre. Cultivated. Seed.
445133. Narino 480. Narino State. 1600m. Entered collection 1955A. Seeds yellow. Local name Noventano. Cultivated. Seed.
445134. Narino 481. Narino State. 1800m. Entered collection 1955A. Seeds yellow. Local name Candelario. Cultivated. Seed.
445135. Narino 482. Narino State. 1200m. Entered collection 1955A. Seeds floury, yellow. Local name Capiro amarillo. Cultivated. Seed.
445136. Narino 483. Narino State. 1200m. Entered collection 1955A. Seeds floury, white. Local name Capiro blanco. Cultivated. Seed.

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445137. Narino 485. Narino State. 1450m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445138. Narino 486. Narino State. 800m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445139. Narino 487. Narino State. 2000m. Entered collection 1955A. Seeds white. Local name Yucatan blanco. Cultivated. Seed.
445140. Narino 488. Narino State. 1200m. Entered collection 1955A. Seeds white. Local name Yucatan blanco. Cultivated. Seed.
445141. Narino 489. Narino State. 1200m. Entered collection 1955A. Seeds white. Local name Yucatan blanco. Cultivated. Seed.
445142. Narino 492. Narino State. 1200m. Entered collection 1955A. Seeds white. Local name Yucatan blanco. Cultivated. Seed.
445143. Narino 493. Narino State. 1700m. Entered collection 1955A. Seeds yellow to white. Local name P.O.J. Cultivated. Seed.
445144. Narino 494. Narino State. 1800m. Entered collection 1955A. Montana race. Seeds yellow. Local name Candelario (II). Cultivated. Seed.
445145. Narino 497. Narino State. 1800m. Entered collection 1955A. Seeds white. Local name Granizo. Cultivated. Seed.
445146. Narino 499. Narino State. 500m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445147. Narino 500. Narino State. 1500m. Entered collection 1955A. Seeds yellow. Local name Naranja (I). Cultivated. Seed.
445148. Narino 503. Narino State. 1800m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445149. Narino 504. Narino State. 1700m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445150. Narino 505. Narino State. 600m. Entered collection 1955A. Seeds yellow. Local name Amarillo (II). Cultivated. Seed.
445151. Narino 506. Narino State. 1800m. Entered collection

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- 1955A. Seeds yellow to white. Local name Tabeno.
Cultivated. Seed.
445152. Narino 508. Narino State. 1200m. Entered collection
1955A. Seeds white. Local name Morocho. Cultivated. Seed.
445153. Narino 509. Narino State. 1800m. Entered collection
1955A. Seeds white to yellow. Local name F.O.J.
Cultivated. Seed.
445154. Narino 511. Narino State. 800m. Entered collection 1955A.
Seeds white to yellow. Local name Morocho amarillo.
Cultivated. Seed.
445155. Narino 512. Narino State. 1100m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445156. Narino 513. Narino State. 800m. Entered collection 1955A.
Seeds white. Local name Yucatan. Cultivated. Seed.
445157. Narino 514. Narino State. 750m. Entered collection 1955A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445158. Narino 515. Narino State. 800m. Entered collection 1955A.
Seeds white. Local name Yucatan (I). Cultivated. Seed.
445159. Narino 516. Narino State. 600m. Entered collection 1955A.
Seeds yellow. Local name Amarillo (III). Cultivated. Seed.
445160. Narino 517. Narino State. 600m. Entered collection 1955A.
Seeds yellow. Local name Amarillo (IV). Cultivated. Seed.
445161. Narino 518. Narino State. 1000m. Entered collection
1955A. Seeds yellow. Local name Amarillo yunga.
Cultivated. Seed.
445162. Narino 519. Narino State. 1000m. Entered collection
1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445163. Narino 521. Narino State. 1900m. Entered collection
1955A. Pira naranja race. Seeds yellow to white. Local
name Canguil. Cultivated. Seed.
445164. Narino 522. Narino State. 1400m. Entered collection
1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445165. Narino 524. Narino State. 850m. Entered collection 1955A.
Seeds yellow. Local name Morocho. Cultivated. Seed.
445166. Narino 525. Narino State. 1500m. Entered collection
1955A. Seeds yellow. Local name Naranja (II). Cultivated.
Seed.

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445167. Narino 526. Narino State. 1300m. Entered collection 1955A. Seeds yellow. Local name Amarillo grande. Cultivated. Seed.
445168. Narino 527. Narino State. 600m. Entered collection 1955A. Seeds yellow. Local name Amarillo (I). Cultivated. Seed.
445169. Narino 528. Narino State. 900m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445170. Narino 529. Narino State. 2000m. Entered collection 1955A. Seeds white or yellow. Local name Criollo. Cultivated. Seed.
445171. Narino 530. Narino State. 800m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445172. Narino 531. Narino State. 1900m. Entered collection 1955A. Seeds yellow to white. Local name Blanco. Cultivated. Seed.
445173. Narino 533. Narino State. 1750m. Entered collection 1955A. Seeds yellow. Local name Morocho amarillo. Cultivated. Seed.
445174. Narino 534. Narino State. 1500m. Entered collection 1955A. Montana segregating race. Seeds yellow. Local name Tres meses. Cultivated. Seed.
445175. Narino 535. Narino State. 500m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445176. Narino 536. Narino State. 1450m. Entered collection 1955A. Seeds yellow. Local name Maicena. Cultivated. Seed.
445177. Narino 537. Narino State. 1500m. Entered collection 1955A. Seeds yellow. Local name Maicena. Cultivated. Seed.
445178. Narino 538. Narino State. 1750m. Entered collection 1955A. Seeds white. Local name Granizo blanco. Cultivated. Seed.
445179. Narino 539. Narino State. 1400m. Entered collection 1955A. Seeds yellow. Local name Tres meses. Cultivated. Seed.
445180. Narino 540. Narino State. 1750m. Entered collection 1955A. Seeds floury, white. Local name Capio blanco. Cultivated. Seed.
445181. Narino 542. Narino State. 1650m. Entered collection 1955A. Seeds yellow. Local name Chicanero. Cultivated.

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Seed.

445182. Narino 546. Narino State. 2200m. Entered collection 1955A. Seeds yellow. Local name Morocho amarillo. Cultivated. Seed.
445183. Narino 547. Narino State. 2560m. Entered collection 1968A. Seeds yellow. Local name Pira. Cultivated. Seed.
445184. Narino 548. Narino State. 2560m. Entered collection 1968A. Seeds yellow. Local name Chire. Cultivated. Seed.
445185. Narino 549. Narino State. 2560m. Entered collection 1968A. Seeds floury, yellow. Local name Capiro. Cultivated. Seed.
445186. Narino 550. Narino State. 2560m. Entered collection 1968A. Seeds floury, yellow. Local name Capiro. Cultivated. Seed.
445187. Narino 551. Narino State. 2560m. Entered collection 1968A. Seeds floury, white. Local name Capiro. Cultivated. Seed.
445188. Narino 552. Narino State. 2560m. Entered collection 1968A. Seeds floury, white. Local name Capiro. Cultivated. Seed.
445189. Narino 553. Narino State. 2560m. Entered collection 1968A. Seeds floury, white. Local name Criollo. Cultivated. Seed.
445190. Narino 554. Narino State. 2560m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445191. Narino 555. Narino State. 2560m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445192. Narino 556. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445193. Narino 557. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445194. Narino 558. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445195. Narino 559. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445196. Narino 560. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.

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445197. Narino 561. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445198. Narino 562. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445199. Narino 563. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445200. Narino 564. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445201. Narino 565. Narino State. 2560m. Entered collection 1968A. Seeds white. Local name Capiro. Cultivated. Seed.
445202. Narino 566. Narino State. 2560m. Entered collection 1968A. Seeds purple. Local name Maicillo. Cultivated. Seed.
445203. Narino 567. Narino State. 2500m. Entered collection 1968A. Seeds purple. Local name Capiro. Cultivated. Seed.
445204. Narino 568. Narino State. 2000m. Entered collection 1968A. Seeds white to yellow. Local name Morocho. Cultivated. Seed.
445205. Narino 569. Narino State. 2500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445206. Narino 570. Narino State. 2500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445207. Narino 571. Narino State. 2500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445208. Narino 572. Narino State. 2500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445209. Narino 573. Narino State. 2500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445210. Narino 574. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445211. Narino 575. Narino State. 10m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445212. Narino 576. Narino State. 10m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445213. Narino 577. Narino State. 10m. Entered collection 1968A. Seeds cream-colored. Local name Criollo. Cultivated. Seed.

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445214. Narino 578. Narino State. 10m. Entered collection 1968A. Seeds cream-colored. Local name Criollo. Cultivated. Seed.
445215. Narino 579. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445216. Narino 580. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445217. Narino 581. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445218. Narino 583. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445219. Narino 586. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445220. Narino 587. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445221. Narino 588. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445222. Narino 589. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445223. Narino 590. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445224. Narino 591. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445225. Narino 592. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Canguil. Cultivated. Seed.
445226. Narino 593. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445227. Narino 595. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445228. Narino 596. Narino State. 1500m. Entered collection 1968A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445229. Narino 597. Narino State. 1400m. Entered collection 1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445230. Narino 598. Narino State. 1400m. Entered collection 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445231. Narino 599. Narino State. 1400m. Entered collection

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- 1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445232. Narino 600. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445233. Narino 601. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445234. Narino 602. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Capiro. Cultivated. Seed.
445235. Narino 603. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445236. Narino 604. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445237. Narino 605. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445238. Narino 606. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445239. Narino 607. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445240. Narino 609. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Morado. Cultivated. Seed.
445241. Narino 610. Narino State. 1400m. Entered collection
1968A. Seeds yellow. Local name Morado. Cultivated. Seed.
445242. Narino 611. Narino State. 2400m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445243. Narino 612. Narino State. 1850m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445244. Narino 613. Narino State. 2600m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445245. Narino 616. Narino State. 1500m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445246. Narino 618. Narino State. 2400m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445247. Narino 620. Narino State. 2500m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445248. Narino 621. Narino State. 1600m. Entered collection 1976.
Seeds yellow. Local name Criollo. Cultivated. Seed.

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445249. Narino 622. Narino State. 1600m. Entered collection 1976. Seeds yellow. Local name Criollo. Cultivated. Seed.
445250. Narino 623. Narino State. 1600m. Entered collection 1976. Seeds yellow. Local name Criollo. Cultivated. Seed.
445251. Narino 624. Narino State. 1600m. Entered collection 1976. Seeds yellow. Local name Criollo. Cultivated. Seed.
445252. Narino 625. Narino State. 1600m. Entered collection 1976. Seeds yellow. Local name Criollo. Cultivated. Seed.
445253. Narino 626. Narino State. 1600m. Entered collection 1976. Seeds yellow. Local name Criollo. Cultivated. Seed.
445254. Narino 627. Narino State. 2000m. Entered collection 1977. Seeds yellow. Local name Criollo. Cultivated. Seed.
445255. Putumayo 307. Putumayo State, 2000m. Entered collection 1951A. Seeds floury, yellow. Local name Mayo. Cultivated. Seed.
445256. Putumayo 308. Putumayo State. 650m. Entered collection 1951A. Seeds white. Local name Yucatan. Cultivated. Seed.
445257. Putumayo 309. Putumayo State. 850m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445258. Putumayo 310. Putumayo State. 600m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445259. Putumayo 311. Putumayo State. 750m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445260. Putumayo 312. Putumayo State. 680m. Entered collection 1955A. Seeds yellow. Local name Tachuela. Cultivated. Seed.
445261. Putumayo 313. Putumayo State. 680m. Entered collection 1955A. Seeds yellow, Local name Morocho. Cultivated. Seed.
445262. Putumayo 314. Putumayo State. 900m. Entered collection 1955A. Seeds yellow. Local name Comun. Cultivated. Seed.
445263. Putumayo 315. Putumayo State. 700m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445264. Putumayo 316. Putumayo State. 650m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.

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445265. Putumayo 317. Putumayo State. 2050m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445266. Putumayo 318. Putumayo State. 1000m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445267. Putumayo 319. Putumayo State. 900m. Entered collection 1955A. Seeds yellow. Local name Caleno. Cultivated. Seed.
445268. Putumayo 321. Putumayo State. 800m. Entered collection 1955A. Seeds yellow. Local name Morocho. Cultivated. Seed.
445269. Putumayo 323. Putumayo State. 480m. Entered collection 1955A. Seeds yellow. Local name Cuba. Cultivated. Seed.
445270. Putumayo 324. Putumayo State. 450m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445271. Putumayo 326. Putumayo State. 640m. Entered collection 1955A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445272. Putumayo 327. Putumayo State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445273. Putumayo 328. Putumayo State. 500m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445274. Putumayo 329. Putumayo State. 500m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445275. Putumayo 330. Putumayo State. 480m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445276. Putumayo 331. Putumayo State. 500m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445277. Putumayo 332. Putumayo State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445278. Putumayo 333. Putumayo State. 500m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445279. Putumayo 334. Putumayo State. 550m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated.

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Seed.

445280. Putumayo 335. Putumayo State. 520m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445281. Putumayo 336. Putumayo State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445282. Putumayo 337. Putumayo State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445283. Putumayo 338. Putumayo State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445284. Putumayo 339. Putumayo State. 500m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445285. Putumayo 340. Putumayo State. 475m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445286. Putumayo 343. Putumayo State. 2000m. Entered collection 1968A. Seeds soft, floury. Local name Capio. Cultivated. Seed.
445287. Putumayo 344. Putumayo State. 2000m. Entered collection 1968A. Seeds soft, floury. Local name Capio. Cultivated. Seed.
445288. Putumayo 345. Putumayo State. 2000m. Entered collection 1968A. Seeds soft, floury. Local name Capio. Cultivated. Seed.
445289. Putumayo 346. Putumayo State. 2000m. Entered collection 1968A. Seeds soft, floury. Local name Capio. Cultivated. Seed.
445290. Putumayo 347. Putumayo State. 900m. Entered collection 1968A. Seeds yellow. Local name Maiz Indio. Cultivated. Seed.
445291. Putumayo 348. Putumayo State. 900m. Entered collection 1968A. Seeds yellow. Local name Maiz Indio. Cultivated. Seed.
445292. Putumayo 349. Putumayo State. 500m. Entered collection 1968A. Seeds yellow. Local name Maiz Indio. Cultivated. Seed.

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445293. Putumayo 350. Putumayo State. 500m. Entered collection 1968A. Seeds yellow to white. Local name Maiz Indio. Cultivated. Seed.
445294. Putumayo 351. Putumayo State. 500m. Entered collection 1968A. Seeds yellow to white. Local name Maiz Indio. Cultivated. Seed.
445295. Putumayo 352. Putumayo State. 500m. Entered collection 1968A. Seeds yellow to white. Local name Maiz Indio. Cultivated. Seed.
445296. Putumayo 353. Putumayo State. 350m. Entered collection 1968A. Seeds white. Local name Maiz Indio. Cultivated. Seed.
445297. Putumayo 354. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Maiz Indio. Cultivated. Seed.
445298. Putumayo 358. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445299. Putumayo 359. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445300. Putumayo 360. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445301. Putumayo 361. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445302. Putumayo 362. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445303. Putumayo 363. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445304. Putumayo 364. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445305. Putumayo 365. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.

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445306. Putumayo 366. Putumayo State. 350m. Entered collection 1968A. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445307. Putumayo 367. Putumayo State. 350m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445308. Putumayo 368. Putumayo State. 350m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445309. Putumayo 369. Putumayo State. 350m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445310. Putumayo 370. Putumayo State. 350m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445311. Putumayo 371. Putumayo State. 350m. Entered collection 1968A. Seeds white. Local name Criollo. Cultivated. Seed.
445312. Quindio 301. Quindio State. 480m. Entered collection 1966A. Seeds white. Local name Puya. Cultivated. Seed.
445313. Santander 301. Santander N. State. 2000m. Entered collection 1950A. Seeds floury, yellow. Local name Puya amarillo. Cultivated. Seed.
445314. Santander 304. Santander N. State. 2100m. Entered collection 1950A. Seeds yellow. Local name Puya pintado. Cultivated. Seed.
445315. Santander 305. Santander N. State. 130m. Entered collection 1950A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445316. Santander 306. Santander N. State. 2000m. Entered collection 1950A. Seeds yellow. Local name Metino colorado. Cultivated. Seed.
445317. Santander 310. Santander N. State. 2465m. Entered collection 1950A. Seeds floury, yellow. Local name Amarillo blandito. Cultivated. Seed.
445318. Santander 311. Santander N. State. 1330m. Entered collection 1952A. Seeds yellow. Local name Ucaron. Cultivated. Seed.
445319. Santander 312. Santander N. State. 1500m. Entered collection 1952A. Seeds yellow to white. Local name Maiz puya. Cultivated. Seed.
445320. Santander 313. Santander N. State. 1500m. Entered collection 1952A. Seeds yellow to white. Local name

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Blanco grande. Cultivated. Seed.

445321. Santander 314. Santander N. State. 1500m. Entered collection 1952A. Clavo segregating race. Seeds white. Local name Puya blanco. Cultivated. Seed.
445322. Santander 315. Santander N. State. 500m. Entered collection 1952A. Puya grande race. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445323. Santander 316. Santander N. State. 2100m. Entered collection 1952A. Cabuya amarillo race. Seeds yellow. Local name Puya blandito. Cultivated. Seed.
445324. Santander 317. Santander N. State. 2100m. Entered collection 1952A. Cabuya amarillo race. Seeds yellow. Local name Choparito. Cultivated. Seed.
445325. Santander 318. Santander N. State. 1709m. Entered collection 1952A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445326. Santander 319. Santander N. State. 974m. Entered collection 1952A. Seeds yellow to white. Local name Chopo amarillo. Cultivated. Seed.
445327. Santander 320. Santander N. State. 974m. Entered collection 1952A. Puya grande race. Seeds yellow. Local name Chopo amarillo. Cultivated. Seed.
445328. Santander 321. Santander N. State. 1709m. Entered collection 1952A. Seeds yellow. Local name Ucarito. Cultivated. Seed.
445329. Santander 322. Santander N. State. 1320m. Entered collection 1952A. Seeds white to yellow. Local name Blanco puyita. Cultivated. Seed.
445330. Santander 323. Santander N. State. 1709m. Entered collection 1952A. Seeds white to yellow. Local name Blanco. Cultivated. Seed.
445331. Santander 324. Santander N. State. 2410m. Entered collection 1952A. Seeds yellow. Local name Chelele. Cultivated. Seed.
445332. Santander 325. Santander N. State. 1320m. Entered collection 1952A. Seeds yellow to white. Local name Amarillo puya. Cultivated. Seed.
445333. Santander 326. Santander N. State. 2300m. Entered collection 1952A. Cabuya race. Seeds yellow. Local name Chelele. Cultivated. Seed.

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445334. Santander 327. Santander N. State. 2649m. Entered collection 1952A. Seeds white. Local name Bogotano blanco. Cultivated. Seed.
445335. Santander 328. Santander N. State. 2700m. Entered collection 1952A. Seeds yellow to white. Local name Caica. Cultivated. Seed.
445336. Santander 329. Santander N. State. 2626m. Entered collection 1952A. Sabanero race. Seeds yellow to white. Local name Cuarentano. Cultivated. Seed.
445337. Santander 330. Santander N. State. 2761m. Entered collection 1952A. Seeds yellow to white. Local name Blanco. Cultivated. Seed.
445338. Santander 331. Santander N. State. 2100m. Entered collection 1952A. Seeds yellow to white. Local name Cuarentano. Cultivated. Seed.
445339. Santander 332. Santander N. State. 1070m. Entered collection 1952A. Puya grande race. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445340. Santander 333. Santander N. State. 2464m. Entered collection 1952A. Seeds yellow to white. Local name Duro blanco. Cultivated. Seed.
445341. Santander 334. Santander N. State. 1300m. Entered collection 1952A. Seeds yellow to white. Local name Maiz amarillo. Cultivated. Seed.
445342. Santander 335. Santander N. State. 870m. Entered collection 1952A. Puya grande race. Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445343. Santander 336. Santander N. State. 1170m. Entered collection 1952A. Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445344. Santander 337. Santander N. State. 1300m. Entered collection 1952A. Seeds white to yellow. Local name Maiz blanco. Cultivated. Seed.
445345. Santander 338. Santander N. State. 320m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445346. Santander 339. Santander N. State. 1900m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.

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445347. Santander 340. Santander N. State. 1020m. Entered collection 1952A. Seeds yellow. Local name Maiz duro. Cultivated. Seed.
445348. Santander 341. Santander N. State. 542m. Entered collection 1952A. Seeds yellow. Local name Puyito. Cultivated. Seed.
445349. Santander 342. Santander N. State. 1900m. Entered collection 1952A. Seeds yellow to white. Local name Blanco grande. Cultivated. Seed.
445350. Santander 343. Santander N. State. 1200m. Entered collection 1952A. Seeds white. Local name Blanco grande. Cultivated. Seed.
445351. Santander 344. Santander N. State. 1400m. Entered collection 1952A. Seeds yellow. Local name Amarillo chiquito. Cultivated. Seed.
445352. Santander 346. Santander N. State. 1050m. Entered collection 1952A. Puya amarillo race. Seeds yellow. Local name Amarillo chiquito. Cultivated. Seed.
445353. Santander 347. Santander N. State. 1200m. Entered collection 1952A. Puya grande race. Seeds yellow. Local name Teoramero. Cultivated. Seed.
445354. Santander 348. Santander N. State. 700m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445355. Santander 349. Santander N. State. 1100m. Entered collection 1953B. Puya race. Seeds white. Local name Blanco. Cultivated. Seed.
445356. Santander 350. Santander N. State. 1100m. Entered collection 1953B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445357. Santander 351. Santander N. State. 700m. Entered collection 1953B. Seeds white. Local name Blanco. Cultivated. Seed.
445358. Santander 352. Santander N. State. 2400m. Entered collection 1967. Seeds white. Local name Chelele. Cultivated. Seed.
445359. Santander 353. Santander N. State. 1400m. Entered collection 1968B. Seeds yellow. Local name Chelele. Cultivated. Seed.

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445360. Santander 304. Santander S. State. 1285m. Entered collection 1950A. Seeds white. Local name Chelele. Cultivated. Seed.
445361. Santander 305. Santander S. State. 223m. Entered collection 1950A. Seeds white. Local name Fuya blanco. Cultivated. Seed.
445362. Santander 306. Santander S. State. 100m. Entered collection 1950A. Seeds white. Local name Fuya blanco. Cultivated. Seed.
445363. Santander 307. Santander S. State. 100m. Entered collection 1950A. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445364. Santander 308. Santander S. State. 50m. Entered collection 1950A. Seeds rose-colored. Local name Porro. Cultivated. Seed.
445365. Santander 309. Santander S. State. 145m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
445366. Santander 310. Santander S. State. 111m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.
445367. Santander 313. Santander S. State. 145m. Entered collection 1950A. Seeds white. Local name Fuya x blanco. Cultivated. Seed.
445368. Santander 314. Santander S. State. 1000m. Entered collection 1952A. Seeds white. Local name Blanco. Cultivated. Seed.
445369. Santander 315. Santander S. State. 1090m. Entered collection 1952A. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
445370. Santander 316. Santander S. State. 1100m. Entered collection 1952A. Seeds white. Local name Maiz castilla. Cultivated. Seed.
445371. Santander 317. Santander S. State. 1370m. Entered collection 1952A. Seeds yellow. Local name Poimano. Cultivated. Seed.
445372. Santander 318. Santander S. State. 1050m. Entered collection 1952A. Seeds floury, yellow. Local name San Andres. Cultivated. Seed.

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445373. Santander 319. Santander S. State. 1100m. Entered collection 1952A. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
445374. Santander 320. Santander S. State. 1150m. Entered collection 1952A. Seeds white. Local Blanco. Cultivated. Seed.
445375. Santander 321. Santander S. State. 1000m. Entered collection 1952A. Seeds yellow. Local name Pcimacito. Cultivated. Seed.
445376. Santander 323. Santander S. State. 1300m. Entered collection 1952A. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
445377. Santander 324. Santander S. State. 1300m. Entered collection 1952A. Seeds floury, white. Local name Blanco. Cultivated. Seed.
445378. Santander 326. Santander S. State. 1000m. Entered collection 1952A. Seeds floury, yellow. Local name San Andres. Cultivated. Seed.
445379. Santander 327. Santander S. State. 1600m. Entered collection 1952A. Cacao segregating race. Seeds yellow to white. Local name Chelele. Cultivated. Seed.
445380. Santander 329. Santander S. State. 1700m. Entered collection 1952A. Seeds yellow. Local name Amarillo blandito. Cultivated. Seed.
445381. Santander 330. Santander S. State. 1300m. Entered collection 1952A. Seeds yellow. Local name Polvarague. Cultivated. Seed.
445382. Santander 331. Santander S. State. 1500m. Entered collection 1952A. Seeds yellow to white. Local name Chelele. Cultivated. Seed.
445383. Santander 332. Santander S. State. 1350m. Entered collection 1952A. Seeds yellow. Local name Chelele. Cultivated. Seed.
445384. Santander 333. Santander S. State. 1300m. Entered collection 1952A. Seeds white to yellow. Local name Corase. Cultivated. Seed.
445385. Santander 334. Santander S. State. 1300m. Entered collection 1952A. Seeds white. Local name Blanco. Cultivated. Seed.

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445386. Santander 335. Santander S. State. 1300m. Entered collection 1952A. Cacao race. Seeds floury, yellow. Local name Poimano. Cultivated. Seed.
445387. Santander 338. Santander S. State. 1370m. Entered collection 1952A. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
445388. Santander 339. Santander S. State. 1100m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445389. Santander 340. Santander S. State. 1370m. Entered collection 1952A. Cacao race. Seeds floury, yellow. Local name Amapalo. Cultivated. Seed.
445390. Santander 341. Santander S. State. 1100m. Entered collection 1952A. Seeds yellow. Local name Casare. Cultivated. Seed.
445391. Santander 342. Santander S. State. 1098m. Entered collection 1952A. Cacao segregating race. Seeds white to yellow. Local name Blanco. Cultivated. Seed.
445392. Santander 343. Santander S. State. 1100m. Entered collection 1952A. Seeds floury, yellow. Local name Cacao. Cultivated. Seed.
445393. Santander 344. Santander S. State. 1300m. Entered collection 1952A. Seeds floury, yellow. Local name Chelele. Cultivated. Seed.
445394. Santander 345. Santander S. State. 1400m. Entered collection 1952A. Seeds yellow. Local name Guanero. Cultivated. Seed.
445395. Santander 346. Santander S. State. 1200m. Entered collection 1952A. Seeds yellow. Local name Pintado. Cultivated. Seed.
445396. Santander 347. Santander S. State. 1300m. Entered collection 1952A. Seeds yellow. Local name Cacao. Cultivated. Seed.
445397. Santander 350. Santander S. State. 800m. Entered collection 1952A. Seeds white. Local name Blanco. Cultivated. Seed.
445398. Santander 351. Santander S. State. 100m. Entered collection 1952A. Seeds yellow. Local name Blandito. Cultivated. Seed.

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445399. Santander 354. Santander S. State. 900m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445400. Santander 355. Santander S. State. 1350m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445401. Santander 356. Santander S. State. 1410m. Entered collection 1952A. Seeds white to yellow. Local name Maiz de castilla. Cultivated. Seed.
445402. Santander 357. Santander S. State. 1600m. Entered collection 1952A. Seeds yellow. Local name Maiz caime. Cultivated. Seed.
445403. Santander 358. Santander S. State. 982m. Entered collection 1952A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445404. Santander 359. Santander S. State. 1300m. Entered collection 1952A. Cacao race. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
445405. Santander 360. Santander S. State. 850m. Entered collection 1952A. Seeds floury, yellow. Local name Amarillo blandito. Cultivated. Seed.
445406. Santander 361. Santander S. State. 1215m. Entered collection 1952A. Seeds yellow. Local name Pardito. Cultivated. Seed.
445407. Santander 362. Santander S. State. 2400m. Entered collection 1952A. Seeds floury, yellow. Local name Saucarito. Cultivated. Seed.
445408. Santander 363. Santander S. State. 2100m. Entered collection 1952A. Seeds floury, yellow. Local name Chiquito. Cultivated. Seed.
445409. Santander 364. Santander S. State. 1265m. Entered collection 1952A. Seeds yellow. Local name Abativo. Cultivated. Seed.
445410. Santander 366. Santander S. State. 1285m. Entered collection 1952A. Seeds floury, yellow. Local name Tonero. Cultivated. Seed.
445411. Santander 367. Santander S. State. 2237m. Entered collection 1952A. Seeds floury, yellow. Local name Sancara. Cultivated. Seed.

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445412. Santander 368. Santander S. State. 2100m. Entered collection 1952A. Seeds yellow. Local name Duro grande. Cultivated. Seed.
445413. Santander 370. Santander S. State. 1600m. Entered collection 1952A. Seeds floury, white. Local name Leche. Cultivated. Seed.
445414. Santander 371. Santander S. State. 1215m. Entered collection 1952A. Seeds yellow. Local name Costeno. Cultivated. Seed.
445415. Santander 372. Santander S. State. 2100m. Entered collection 1952A. Seeds floury, yellow. Local name Amarillo blandito. Cultivated. Seed.
445416. Santander 376. Santander S. State. 1000m. Entered collection 1954B. Seeds white. Local name Del Corare. Cultivated. Seed.
445417. Santander 377. Santander S. State. 1800m. Entered collection 1954B. Seeds white to yellow. Local name Castilla. Cultivated. Seed.
445418. Santander 378. Santander S. State. 1800m. Entered collection 1954B. Seeds yellow. Local name Cabrero. Cultivated. Seed.
445419. Santander 379. Santander S. State. 1000m. Entered collection 1954B. Seeds white. Local name De Castilla. Cultivated. Seed.
445420. Santander 380. Santander S. State. 1000m. Entered collection 1954B. Seeds white. Local name De Castilla. Cultivated. Seed.
445421. Santander 381. Santander S. State. 1000m. Entered collection 1954B. Seeds yellow. Local name Negro. Cultivated. Seed.
445422. Santander 383. Santander S. State. 1800m. Entered collection 1954B. Seeds white. Local name Cabajo. Cultivated. Seed.
445423. Santander 384. Santander S. State. 1000m. Entered collection 1954B. Seeds white. Local name De Castilla. Cultivated. Seed.
445424. Santander 386. Santander S. State. 1000m. Entered collection 1954B. Seeds floury, white. Local name Flanco. Cultivated. Seed.

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445425. Santander 388. Santander S. State. 1200m. Entered collection 1954B. Seeds floury, yellow. Local name Amarillo. Cultivated. Seed.
445426. Santander 389. Santander S. State. 700m. Entered collection 1954B. Seeds white. Local name Pira de Castilla. Cultivated. Seed.
445427. Santander 390. Santander S. State. 900m. Entered collection 1954B. Seeds white to yellow. Local name Pira de Castilla. Cultivated. Seed.
445428. Santander 392. Santander S. State. 700m. Entered collection 1954B. Seeds white. Local name Pira de Castilla. Cultivated. Seed.
445429. Santander 395. Santander S. State. 760m. Entered collection 1954B. Seeds white. Local name Pira de Castilla. Cultivated. Seed.
445430. Santander 397. Santander S. State. 1200m. Entered collection 1954B. Seeds yellow. Local name Criollo. Cultivated. Seed.
445431. Santander 398. Santander S. State. 1200m. Entered collection 1969A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445432. Santander 399. Santander S. State. 1750m. Entered collection 1975. Seeds yellow to white. Local name Criollo. Cultivated. Seed.
445433. Santander 400. Santander S. State. 1200m. Entered collection 1977B. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
445434. Santander 401. Santander S. State. 1454m. Entered collection 1978. Seeds yellow. Local name V. Chelele. Cultivated. Seed.
445435. Santander 402. Santander S. State. 1454m. Entered collection 1978. Seeds floury, yellow. Local name Criollo. Cultivated. Seed.
445436. Tolima 301. Tolima State. 1700m. Entered collection 1950B. Seeds white. Local name Guacamayo. Cultivated. Seed.
445437. Tolima 302. Tolima State. 65m. Entered collection 1950E. Seeds white to yellow. Local name Cacao. Cultivated. Seed.
445438. Tolima 303. Tolima State. 800m. Entered collection 1951A.

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- Seeds white to yellow. Local name Blanco. Cultivated.
Seed.
445439. Tolima 304. Tolima State. 435m. Entered collection 1951A.
Seeds white to yellow. Local name Blanco. Cultivated.
Seed.
445440. Tolima 305. Tolima State. 240m. Entered collection 1951A.
Seeds white to yellow. Local name Blanco. Cultivated.
Seed.
445441. Tolima 306. Tolima State. 200m. Entered collection 1951A.
Seeds white to yellow. Local name Blanco. Cultivated.
Seed.
445442. Tolima 308. Tolima State. 270m. Entered collection 1951A.
Seeds purple to white. Local name Blanco de hoja.
Cultivated. Seed.
445443. Tolima 309. Tolima State. 300m. Entered collection 1951A.
Seeds white. Local name Calilla. Cultivated. Seed.
445444. Tolima 311. Tolima State. 260m. Entered collection 1951A.
Seeds white. Local name Guacamayo. Cultivated. Seed.
445445. Tolima 312. Tolima State. 330m. Entered collection 1951A.
Seeds white. Local name Guacamayo blanco. Cultivated.
Seed.
445446. Tolima 313. Tolima State. 350m. Entered collection 1951A.
Seeds white. Local name Mono. Cultivated. Seed.
445447. Tolima 314. Tolima State. 350m. Entered collection 1951A.
Seeds yellow. Local name Colorado. Cultivated. Seed.
445448. Tolima 315. Tolima State. 350m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.
445449. Tolima 316. Tolima State. 1300m. Entered collection
1951A. Seeds white. Local name Blanco. Cultivated. Seed.
445450. Tolima 317. Tolima State. 1160m. Entered collection
1951A. Seeds white. Local name Blanco. Cultivated. Seed.
445451. Tolima 318. Tolima State. 1300m. Entered collection
1951A. Seeds white. Local name Blanco. Cultivated. Seed.
445452. Tolima 319. Tolima State. 250m. Entered collection 1951A.
Seeds yellow to white. Local name Cuba. Cultivated. Seed.
445453. Tolima 320. Tolima State. 280m. Entered collection 1951A.
Seeds white. Local name Blanco. Cultivated. Seed.

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445454. Tolima 321. Tolima State. 260m. Entered collection 1951A. Seeds white. Local name Blanco casado. Cultivated. Seed.
445455. Tolima 322. Tolima State. 260m. Entered collection 1951A. Seeds white. Local name Blanco casado. Cultivated. Seed.
445456. Tolima 323. Tolima State. 1300m. Entered collection 1951A. Seeds white. Local name Yucatan. Cultivated. Seed.
445457. Tolima 324. Tolima State. 1730m. Entered collection 1951A. Seeds white. Local name Blanco calentano. Cultivated. Seed.
445458. Tolima 325. Tolima State. 320m. Entered collection 1951A. Seeds white. Local name Guacamayo x Rodillo. Cultivated. Seed.
445459. Tolima 326. Tolima State. 270m. Entered collection 1951A. Seeds white. Local name Blanco. Cultivated. Seed.
445460. Tolima 327. Tolima State. 250m. Entered collection 1951B. Seeds white. Local name Calilla. Cultivated. Seed.
445461. Tolima 328. Tolima State. 450m. Entered collection 1951B. Seeds white. Local name Mono. Cultivated. Seed.
445462. Tolima 329. Tolima State. 250m. Entered collection 1951E. Seeds white. Local name Diente de catallo. Cultivated. Seed.
445463. Tolima 330. Tolima State. 250m. Entered collection 1951E. Seeds white. Local name Clavo. Cultivated. Seed.
445464. Tolima 331. Tolima State. 250m. Entered collection 1951B. Seeds floury, yellow. Local name Amarillo dentado. Cultivated. Seed.
445465. Tolima 332. Tolima State. 250m. Entered collection 1951B. Seeds white. Local name Clavo x yucatan. Cultivated. Seed.
445466. Tolima 333. Tolima State. 400m. Entered collection 1951E. Seeds white. Local name Clavo. Cultivated. Seed.
445467. Tolima 334. Tolima State. 250m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
445468. Tolima 335. Tolima State. 340m. Entered collection 1951E. Seeds white. Local name Calilla. Cultivated. Seed.
445469. Tolima 336. Tolima State. 400m. Entered collection 1951B. Seeds white. Local name Mono x Diente de caballo. Cultivated. Seed.

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445470. Tolima 338. Tolima State. 400m. Entered collection 1951B. Seeds white. Local name Guacamayo x Clavo. Cultivated. Seed.
445471. Tolima 339. Tolima State. 600m. Entered collection 1951B. Seeds white. Local name Diente de caballo. Cultivated. Seed.
445472. Tolima 340. Tolima State. 470m. Entered collection 1951B. Seeds white. Local name Yucatan. Cultivated. Seed.
445473. Tolima 341. Tolima State. 600m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
445474. Tolima 342. Tolima State. 500m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
445475. Tolima 343. Tolima State. 500m. Entered collection 1951B. Seeds white. Local name Guacamayo. Cultivated. Seed.
445476. Tolima 344. Tolima State. 500m. Entered collection 1951B. Seeds white. Local name Clavo x D. de caballo. Cultivated. Seed.
445477. Tolima 345. Tolima State. 500m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
445478. Tolima 346. Tolima State. 500m. Entered collection 1951B. Seeds white. Local name Mono. Cultivated. Seed.
445479. Tolima 347. Tolima State. 650m. Entered collection 1951B. Seeds white. Local name Guacamayo. Cultivated. Seed.
445480. Tolima 348. Tolima State. 650m. Entered collection 1951B. Seeds white. Local name Guacamayo. Cultivated. Seed.
445481. Tolima 349. Tolima State. 650m. Entered collection 1951B. Seeds white. Local name Blanco. Cultivated. Seed.
445482. Tolima 350. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Mono. Cultivated. Seed.
445483. Tolima 352. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Guacamayo. Cultivated. Seed.
445484. Tolima 354. Tolima State. 350m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445485. Tolima 355. Tolima State. 1700m. Entered collection 1955A. Seeds white. Local name Criollo. Cultivated. Seed.
445486. Tolima 356. Tolima State. 500m. Entered collection 1955A.

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- Seeds yellow to white. Local name Pira. Cultivated. Seed.
445487. Tolima 357. Tolima State. 560m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445488. Tolima 358. Tolima State. 740m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445489. Tolima 359. Tolima State. 2170m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445490. Tolima 360. Tolima State. 420m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445491. Tolima 361. Tolima State. 440m. Entered collection 1955A. Seeds white. Local name Guacamayo. Cultivated. Seed.
445492. Tolima 362. Tolima State. 560m. Entered collection 1955A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445493. Tolima 363. Tolima State. 560m. Entered collection 1955A. Seeds white. Local name Mono. Cultivated. Seed.
445494. Tolima 364. Tolima State. 700m. Entered collection 1955A. Seeds white. Local name Guacamayo. Cultivated. Seed.
445495. Tolima 365. Tolima State. 440m. Entered collection 1955A. Seeds white. Local name Esperma. Cultivated. Seed.
445496. Tolima 366. Tolima State. 460m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445497. Tolima 368. Tolima State. 700m. Entered collection 1955A. Seeds white. Local name Calilla. Cultivated. Seed.
445498. Tolima 369. Tolima State. 560m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445499. Tolima 370. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445500. Tolima 371. Tolima State. 820m. Entered collection 1955A. Yucatan race. Seeds white. Local name Mono. Cultivated. Seed.
445501. Tolima 374. Tolima State. 420m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445502. Tolima 375. Tolima State. 420m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445503. Tolima 377. Tolima State. 450m. Entered collection 1955A.

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- Yucatan race. Seeds white. Local name Yucatan. Cultivated. Seed.
445504. Tolima 378. Tolima State. 450m. Entered collection 1955A. Yucatan race. Seeds white. Local name Yucatan. Cultivated. Seed.
445505. Tolima 379. Tolima State. 700m. Entered collection 1955A. Seeds white. Local name Calilla. Cultivated. Seed.
445506. Tolima 380. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445507. Tolima 381. Tolima State. 1100m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445508. Tolima 383. Tolima State. 950m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445509. Tolima 384. Tolima State. 1975m. Entered collection 1955A. Seeds white. Local name Criollo. Cultivated. Seed.
445510. Tolima 385. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
445511. Tolima 386. Tolima State. 520m. Entered collection 1955A. Seeds yellow. Local name Criollo. Cultivated. Seed.
445512. Tolima 387. Tolima State. 380m. Entered collection 1955A. Seeds yellow. Local name Clavo. Cultivated. Seed.
445513. Tolima 388. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Criollo. Cultivated. Seed.
445514. Tolima 389. Tolima State. 450m. Entered collection 1955A. Yucatan race. Seeds white. Local name Yucatan. Cultivated. Seed.
445515. Tolima 390. Tolima State. 450m. Entered collection 1955A. Seeds white. Local name Calilla. Cultivated. Seed.
445516. Tolima 391. Tolima State. 450m. Entered collection 1955A. Seeds floury, yellow. Local name Chuculo. Cultivated. Seed.
445517. Tolima 392. Tolima State. 820m. Entered collection 1955A. Seeds white. Local name Yucatan (II). Cultivated. Seed.
445518. Tolima 393. Tolima State. 390m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445519. Tolima 395. Tolima State. 450m. Entered collection 1955A. Seeds white. Local name Cuba. Cultivated. Seed.

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445520. Tolima 396. Tolima State. 500m. Entered collection 1955A. Seeds yellow to white. Local name Amarillo. Cultivated. Seed.
445521. Tolima 397. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445522. Tolima 399. Tolima State. 500m. Entered collection 1955A. Yucatan race. Seeds white. Local name Yucatan. Cultivated. Seed.
445523. Tolima 400. Tolima State. 390m. Entered collection 1955A. Seeds white. Local name Criollo (pira). Cultivated. Seed.
445524. Tolima 401. Tolima State. 390m. Entered collection 1955A. Seeds white. Local name Rodillo. Cultivated. Seed.
445525. Tolima 402. Tolima State. 390m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445526. Tolima 403. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445527. Tolima 404. Tolima State. 500m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445528. Tolima 405. Tolima State. 450m. Entered collection 1955A. Pira race. Seeds white. Local name Calilla. Cultivated. Seed.
445529. Tolima 406. Tolima State. 1680m. Entered collection 1955A. Seeds white. Local name Criollo. Cultivated. Seed.
445530. Tolima 407. Tolima State. 400m. Entered collection 1955A. Seeds white. Local name Guacamayo. Cultivated. Seed.
445531. Tolima 408. Tolima State. 560m. Entered collection 1955A. Seeds white. Local name Diente de caballo. Cultivated. Seed.
445532. Tolima 409. Tolima State. 700m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
445533. Tolima 411. Tolima State. 730m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.
445534. Tolima 412. Tolima State. 520m. Entered collection 1955A. Seeds white. Local name Blanco. Cultivated. Seed.
445535. Tolima 413. Tolima State. 820m. Entered collection 1955A. Seeds white. Local name Yucatan. Cultivated. Seed.

443759 TO 445665-continued

445536. Tolima 414. Tolima State. 700m. Entered collection 1955A. Seeds white. Local name Guacamayo. Cultivated. Seed.
445537. Tolima 415. Tolima State. 820m. Entered collection 1955A. Seeds white. Local name Clavo. Cultivated. Seed.
445538. Tolima 416. Tolima State. 820m. Entered collection 1978. Seeds white. Local name Criollo. Cultivated. Seed.
445539. Valle 301. Valle State. 1100m. Entered collection 1950A. Seeds yellow. Local name Cuba-colombia. Cultivated. Seed.
445540. Valle 302. Valle State. 1050m. Entered collection 1949B. Seeds white. Local name Blanco comun. Cultivated. Seed.
445541. Valle 303. Valle State. 2500m. Entered collection 1950A. Seeds white. Local name Bogotano. Cultivated. Seed.
445542. Valle 305. Valle State. 1188m. Entered collection 1950A. Seeds white. Local name Blanco comun. Cultivated. Seed.
445543. Valle 306. Valle State. 2300m. Entered collection 1950A. Seeds yellow. Local name Cabuyaleno. Cultivated. Seed.
445544. Valle 307. Valle State. 1100m. Entered collection 1950A. Seeds white. Local name Precoz. Cultivated. Seed.
445545. Valle 308. Valle State. 900m. Entered collection 1950A. Seeds white. Local name Blanco comun. Cultivated. Seed.
445546. Valle 309. Valle State. 1000m. Entered collection 1950A. Seeds white. Local name Blanco comun. Cultivated. Seed.
445547. Valle 310. Valle State. 1000m. Entered collection 1950A. Seeds white. Local name Blanco comun. Cultivated. Seed.
445548. Valle 311. Valle State. 1000m. Entered collection 1950A. Seeds yellow to white. Local name Cubano. Cultivated. Seed.
445549. Valle 312. Valle State. 1000m. Entered collection 1950A. Seeds yellow to white. Local name Amarillo comun. Cultivated. Seed.
445550. Valle 313. Valle State. 1000m. Entered collection 1950A. Seeds white. Local name Maiz comun. Cultivated. Seed.
445551. Valle 314. Valle State. 950m. Entered collection 1950A. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445552. Valle 315. Valle State. 920m. Entered collection 1950A. Seeds white. Local name Blanco. Cultivated. Seed.

443759 TO 445665-continued

445553. Valle 316. Valle State. 910m. Entered collection 1950A.
Seeds white. Local name Blanco comun. Cultivated. Seed.
445554. Valle 318. Valle State. 1010m. Entered collection 1950A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445555. Valle 319. Valle State. 1000m. Entered collection 1950A.
Seeds yellow to white. Local name Blanco. Cultivated.
Seed.
445556. Valle 320. Valle State. 1000m. Entered collection 1950A.
Seeds white. Local name Blanco. Cultivated. Seed.
445557. Valle 321. Valle State. 1000m. Entered collection 1950A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445558. Valle 322. Valle State. 1000m. Entered collection 1950A.
Seeds white. Local name Blanco. Cultivated. Seed.
445559. Valle 323. Valle State. 1000m. Entered collection 1950A.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445560. Valle 324. Valle State. 970m. Entered collection 1950A.
Seeds white. Local name Diente de caballo. Cultivated.
Seed.
445561. Valle 325. Valle State. 1000m. Entered collection 1950A.
Seeds white. Local name Criollo comun. Cultivated. Seed.
445562. Valle 326. Valle State. 1000m. Entered collection 1950A.
Seeds white. Local name Diente de caballo. Cultivated.
Seed.
445563. Valle 327. Valle State. 1000m. Entered collection 1950A.
Seeds yellow. Local name Comun. Cultivated. Seed.
445564. Valle 328. Valle State. 1100m. Entered collection 1950A.
Seeds yellow. Local name Diente de caballo. Cultivated.
Seed.
445565. Valle 329. Valle State. 1100m. Entered collection 1950B.
Seeds white. Local name Comun. Cultivated. Seed.
445566. Valle 330. Valle State. 1200m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.
445567. Valle 331. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Blanco. Cultivated. Seed.
445568. Valle 333. Valle State. 1200m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.

443759 TO 445665-continued

445569. Valle 334. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Limeno. Cultivated. Seed.
445570. Valle 335. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Diente Caballo. Cultivated. Seed.
445571. Valle 336. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Clavo. Cultivated. Seed.
445572. Valle 337. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Comun. Cultivated. Seed.
445573. Valle 338. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Limeno. Cultivated. Seed.
445574. Valle 339. Valle State. 1200m. Entered collection 1950B.
Seeds yellow. Local name Diente Caballo. Cultivated. Seed.
445575. Valle 340. Valle State. 1200m. Entered collection 1950B.
Seeds white. Local name Blanco. Cultivated. Seed.
445576. Valle 341. Valle State. 1100m. Entered collection 1950B.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445577. Valle 342. Valle State. 1100m. Entered collection 1950B.
Seeds white. Local name Comun. Cultivated. Seed.
445578. Valle 343. Valle State. 1100m. Entered collection 1950B.
Seeds yellow. Local name Amarillo precoz. Cultivated.
Seed.
445579. Valle 344. Valle State. 1100m. Entered collection 1950B.
Seeds white. Local name Blanco comun. Cultivated. Seed.
445580. Valle 345. Valle State. 1100m. Entered collection 1950B.
Seeds white. Local name Diente Caballo. Cultivated. Seed.
445581. Valle 346. Valle State. 1300m. Entered collection 1950B.
Seeds white. Local name Limeno. Cultivated. Seed.
445582. Valle 347. Valle State. 1300m. Entered collection 1950B.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445583. Valle 348. Valle State. 1300m. Entered collection 1950B.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445584. Valle 349. Valle State. 1300m. Entered collection 1950B.
Seeds yellow. Local name Amarillo. Cultivated. Seed.
445585. Valle 350. Valle State. 1300m. Entered collection 1950B.
Seeds yellow. Local name Amarillo precoz. Cultivated.
Seed.

443759 TO 445665-continued

445586. Valle 351. Valle State. 1400m. Entered collection 1950E.
Seeds yellow to white. Local name Casado. Cultivated.
Seed.
445587. Valle 352. Valle State. 1450m. Entered collection 1950E.
Seeds yellow to white. Local name Amarillo. Cultivated.
Seed.
445588. Valle 353. Valle State. 1500m. Entered collection 1950E.
Seeds yellow to white. Local name Amarillo. Cultivated.
Seed.
445589. Valle 355. Valle State. 1470m. Entered collection 1950E.
Seeds yellow to white. Local name Amarillo. Cultivated.
Seed.
445590. Valle 356. Valle State. 1000m. Entered collection 1950E.
Seeds yellow to white. Local name Amarillo. Cultivated.
Seed.
445591. Valle 357. Valle State. 1000m. Entered collection 1950E.
Seeds white. Local name Blanco, Cultivated. Seed.
445592. Valle 358. Valle State. 1000m. Entered collection 1950E.
Seeds white. Local name Blanco. Cultivated. Seed.
445593. Valle 363. Valle State. 1023m. Entered collection 1951E.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445594. Valle 364. Valle State. 959m. Entered collection 1951E.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445595. Valle 365. Valle State. 950m. Entered collection 1952A.
Seeds yellow. Local name Maiz japones. Cultivated. Seed.
445596. Valle 366. Valle State. 1055m. Entered collection 1952A.
Seeds white to yellow. Local name Blanco. Cultivated.
Seed.
445597. Valle 367. Valle State. 1010m. Entered collection 1952A.
Seeds white. Local name Cristal. Cultivated. Seed.
445598. Valle 368. Valle State. 95m. Entered collection 1952A.
Seeds white. Local name Yucatan. Cultivated. Seed.
445599. Valle 369. Valle State. 980m. Entered collection 1952A.
Seeds white. Local name Blanco comun. Cultivated. Seed.
445600. Valle 370. Valle State. 950m. Entered collection 1952A.
Seeds yellow to white. Local name Precoz. Cultivated.
Seed.

443759 TO 445665-continued

445601. Valle 371. Valle State. 980m. Entered collection 1952A.
Seeds white. Local name Maiz azufrado. Cultivated. Seed.
445602. Valle 372. Valle State. 1075m. Entered collection 1952A.
Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445603. Valle 373. Valle State. 969m. Entered collection 1952A.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445604. Valle 374. Valle State. 980m. Entered collection 1952A.
Yellow Comun race. Seeds yellow. Local name Maiz amarillo.
Cultivated. Seed.
445605. Valle 375. Valle State. 972m. Entered collection 1952A.
Seeds white. Local name Maiz blanco llo. Cultivated. Seed.
445606. Valle 376. Valle State. 960m. Entered collection 1952A.
Seeds white. Local name Maiz criollo. Cultivated. Seed.
445607. Valle 377. Valle State. 1055m. Entered collection 1952A.
Seeds white. Local name Maiz clavo. Cultivated. Seed.
445608. Valle 378. Valle State. 1055m. Entered collection 1952A.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445609. Valle 379. Valle State. 1001m. Entered collection 1952A.
Seeds yellow. Local name Amarillo comun. Cultivated. Seed.
445610. Valle 380. Valle State. 1075m. Entered collection 1952A.
White Comun race. Seeds white. Local name Maiz blanco.
Cultivated. Seed.
445611. Valle 381. Valle State. 1000m. Entered collection 1952A.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445612. Valle 382. Valle State. 950m. Entered collection 1952A.
Seeds white. Local name Maiz peruano. Cultivated. Seed.
445613. Valle 383. Valle State. 944m. Entered collection 1952A.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445614. Valle 384. Valle State. 1500m. Entered collection 1952A.
Seeds white. Local name Maiz blanco. Cultivated. Seed.
445615. Valle 385. Valle State. 1400m. Entered collection 1952A.
White Comun race. Seeds white. Local name Maiz blanco.
Cultivated. Seed.
445616. Valle 386. Valle State. 995m. Entered collection 1952A.
Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445617. Valle 387. Valle State. 1003m. Entered collection 1952A.

443759 TO 445665-continued

- Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445618. Valle 388. Valle State. 950m. Entered collection 1952A. Yellow Comun race. Seeds yellow. Local name Maiz blanco. Cultivated. Seed.
445619. Valle 389. Valle State. 1000m. Entered collection 1952A. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445620. Valle 390. Valle State. 1000m. Entered collection 1952A. White Comun race. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445621. Valle 391. Valle State. 980m. Entered collection 1952A. Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445622. Valle 392. Valle State. 1080m. Entered collection 1952A. Seeds yellow to white. Local name Maiz blanco. Cultivated. Seed.
445623. Valle 393. Valle State. 1000m. Entered collection 1952A. Seeds white. Local name Maiz limeno. Cultivated. Seed.
445624. Valle 394. Valle State. 1000m. Entered collection 1952B. Seeds white. Local name Blanco azufrado. Cultivated. Seed.
445625. Valle 395. Valle State. 1000m. Entered collection 1952E. Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445626. Valle 396. Valle State. 1000m. Entered collection 1952B. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445627. Valle 397. Valle State. 1000m. Entered collection 1952B. Seeds white. Local name Maiz blanco. Cultivated. Seed.
445628. Valle 398. Valle State. 1000m. Entered collection 1952B. Seeds yellow. Local name Maiz amarillo. Cultivated. Seed.
445629. Valle 399. Valle State. 1090m. Entered collection 1952B. Seeds white. Local name Blanco comun. Cultivated. Seed.
445630. Valle 400. Valle State. 1050m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445631. Valle 401. Valle State. 1080m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445632. Valle 402. Valle State. 1300m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
445633. Valle 403. Valle State. 960m. Entered collection 1952B. Seeds white. Local name Limeno. Cultivated. Seed.

443759 TO 445665-continued

445634. Valle 404. Valle State. 960m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445635. Valle 405. Valle State. 998m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
445636. Valle 406. Valle State. 994m. Entered collection 1952B. Seeds white. Local name Blanco comun. Cultivated. Seed.
445637. Valle 407. Valle State. 960m. Entered collection 1952B. Seeds white. Local name Blanco comun. Cultivated. Seed.
445638. Valle 408. Valle State. 1400m. Entered collection 1952B. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445639. Valle 409. Valle State. 1500m. Entered collection 1952B. Yellow Comun race. Seeds yellow. Local name Amarillo. Cultivated. Seed.
445640. Valle 410. Valle State. 1300m. Entered collection 1952B. Seeds yellow. Local name Toreno casado. Cultivated. Seed.
445641. Valle 411. Valle State. 1600m. Entered collection 1952B. Yellow Comun race. Seeds yellow. Local name Cuba. Cultivated. Seed.
445642. Valle 412. Valle State. 960m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
445643. Valle 413. Valle State. 998m. Entered collection 1952B. Seeds white. Local name Blanco comun. Cultivated. Seed.
445644. Valle 414. Valle State. 1000m. Entered collection 1952B. Seeds white. Local name Granada. Cultivated. Seed.
445645. Valle 415. Valle State. 1450m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
445646. Valle 416. Valle State. 1250m. Entered collection 1952B. Seeds white. Local name Blanco. Cultivated. Seed.
445647. Valle 417. Valle State. 1200m. Entered collection 1952B. Seeds white. Local name Diente Caballo. Cultivated. Seed.
445648. Valle 418. Valle State. 1450m. Entered collection 1952B. Segregating Comun race. Seeds white. Local name Blanco redondo. Cultivated. Seed.
445649. Valle 419. Valle State. 1450m. Entered collection 1952B. Seeds white. Local name Zarzaleno. Cultivated. Seed.
445650. Valle 420. Valle State. 100m. Entered collection 1953A.

443759 TO 445665-continued

- Seeds yellow. Local name Comun. Cultivated. Seed.
445651. Valle 425. Valle State. 10m. Entered collection 1955A.
Seeds black. Local name Negrito. Cultivated. Seed.
445652. Valle 426. Valle State. 10m. Entered collection 1955A.
Seeds white. Local name Blanco. Cultivated. Seed.
445653. Valle 427. Valle State. 20m. Entered collection 1955A.
Seeds white. Local name Capiro. Cultivated. Seed.
445654. Valle 428. Valle State. 20m. Entered collection 1955A.
Seeds white. Local name Criollo. Cultivated. Seed.
445655. Valle 429. Valle State. 980m. Entered collection 1955A.
Pira race. Seeds yellow. Local name Criollo. Cultivated.
Seed.
445656. Valle 430. Valle State. 8m. Entered collection 1957B.
Seeds yellow to white. Local name Criollo. Cultivated.
Seed.
445657. Valle 431. Valle State. 20m. Entered collection 1958A.
Seeds yellow to white. Local name Amarillo. Cultivated.
Seed.
445658. Valle 432. Valle State. 20m. Entered collection 1974B.
Seeds floury, white. Local name Negrito. Cultivated. Seed.
445659. Valle 433. Valle State. 20m. Entered collection 1974B.
Seeds white and yellow. Local name Maiz capio. Cultivated.
Seed.
445660. Valle 434. Valle State. 20m. Entered collection 1974B.
Seeds white and yellow. Local name Chococeno. Cultivated.
Seed.
445661. Valle 435. Valle State. 80m. Entered collection 1975.
Seeds yellow. Local name Chococeno. Cultivated. Seed.
445662. Valle 436. Valle State. 1000m. Entered collection 1977A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445663. Valle 437. Valle State. 1460m. Entered collection 1979A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445664. Valle 438. Valle State. 1460m. Entered collection 1979A.
Seeds yellow. Local name Criollo. Cultivated. Seed.
445665. Valle 439. Valle State. 1500m. Entered collection 1979A.
Seeds yellow. Local name Criollo. Cultivated. Seed.

445666 TO 445674. *Sorghum bicolor* (L.) Moench (Poaceae) Grain sorghum.

From Tanzania. Collected by F.R. Miller, Department of Soil and Crop Sciences, Texas A&M University, College Station, Texas.
Received June 1980.

445666. FM-1. Collected June 11, 1980. Farmer's field, Tonga-Lugoba area, 120km NE Dar es Saalam. Received as variety *conspicuum*. Mixture of types. Plants tan. Panicles open lax. Glumes straw. Seeds 100% vitreous. Pericarp white translucent. Endosperm normal. Used in ugali and ugi food. Cultivated. Primitive cultivar. Seed.
445667. FM-2. Collected June 11, 1980. Farmer's field, Tonga-Lugoba area, 120km NE Dar es Saalam. Received as variety *conspicuum*. Mixture of types. Plants red. Panicles open lax. Glumes straw. Seeds 100% vitreous. Pericarp red, no mesocarp. Endosperm normal. Used in ugali and ugi food. Cultivated. Primitive cultivar. Seed.
445668. FM-3. Collected June 13, 1980. West of Mtwara, 80km west of Nanganga. Received as variety *conspicuum*. Plants very tall, tan colored. Glumes straw, involute. Pericarp white translucent. Used in ugali food. Cultivated. Primitive cultivar. Seed.
445669. FM-4. Collected June 13, 1980. Ten km west of Mtwara. Received as variety *conspicuum*. Plants tall, red colored, except one tan colored. Seeds very vitreous. Pericarp white translucent. Used in ugali food. Cultivated. Primitive cultivar. Seed.
445670. FM-5. Collected June 13, 1980. Nachingwea on Farm 3. Received as variety *conspicuum*. Plants tall, tan colored. Glumes involute. Pericarp white translucent. Used in ugali and manda food. Cultivated. Primitive cultivar. Seed.
445671. FM-6. Collected June 13, 1980. Near Mtopia. Received as variety *conspicuum*. Plants tan colored. Glumes straw. Seeds 100% vitreous, very hard. Pericarp white translucent. Endosperm normal. Used in ugali and manda food. Cultivated. Primitive cultivar. Seed.
445672. FM-7. Collected June 14, 1980. Farmer's field, Mtwara. Received as variety *conspicuum*. Plants tall, tan colored. Glumes involute, awnless. Seeds hard. Pericarp white translucent. Used in ugali and manda food. Cultivated. Primitive cultivar. Seed.
445673. FM-8. Collected June 03, 1980. Dr. S. Z. Mukuru's nursery at Ilonga. Composite sample of 3-dwarf and 2-dwarf heights from F2 of improved X local types. Plants tan colored. Pericarp white translucent. Cultivated.

445666 TO 445674-continued
Breeding material. Seed.

445674. FM-9. Collected June 05, 1980. Singida area, Dodoma breeding nursery. Composite sample. Received as conspicuum type. Plants tall, tan colored. Glumes involute. Pericarp white and white translucent. Types, excellent for food. Cultivated. Breeding material. Seed.

445675 TO 445676. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Australia. Donated by R. Downes & P. Salisbury, CSIRO Division Plant Industry, Canberra, A.C.T. 2601. Received July 1980.

445675. 'Siriver'. Cultivated. Seed.

445676. 'Sirotasman'. Cultivated. Seed.

445677 TO 445679. X *Triticosecale* (Poaceae) Triticale.

From Soviet Union. Donated by N. I. Vavilov Institute of Plant Industry, Leningrad. Received June 1980.

445677. VIR 45778. AD 767-16. Khazkov Region. Winter annual. Cultivated. Seed.

445678. VIR 45876. AD Derzav (240a). Stavropol Territory. Winter annual. Cultivated. Seed.

445679. VIR 46088. N 1186. Stavropol Territory. Winter annual. Cultivated. Seed.

445680 TO 445683. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Nepal. Collected by W. Erskine, J. Bourgois, P. Shrestha, International Board for Plant Genetic Resources, FAO, Rome, Italy. Received November 1979.

445680. J-12. FAO. 52.008. Collected June 11, 1979. Tupche Village, Nuwakot, Bagmati, Lat. 27 deg. 52'N, Long. 85 deg. 08'E. 1000m. Local name Maile Bhata. Cultivated. Seed.

445681. J-13. FAO. 52.009. Collected June 11, 1979. Tupche Village, Nuwakot, Bagmati, Lat. 27 deg. 52'N, Long. 85 deg. 08'E. 1000m. Local name Khaile Bhata. Cultivated. Seed.

445682. J-30. FAO. 52.010. Collected June 15, 1979. Jitpur

445680 TO 445683-continued

Village, Khavre, Bheri, Lat. 27 deg. 43'N, Long. 85 deg. 45'E. 1200m. Cultivated. Seed.

445683. 123-A. FAO. 52.011. Collected May 29, 1979. Jumla Village, Jumla, Karnali, Lat. 29 deg. 16'N, Long. 82 deg. 12'E. 2320m. Spreading habit. Cultivated. Seed.

445684 TO 445687. *Hordeum vulgare* L. (Poaceae) Barley.

From Nepal. Collected by W. Erskine, J. Bourgois, F. Shrestha, International Board for Plant Genetic Resources, FAO, Rome, Italy. Received November 1979.

445684. 134A. FAO. 51.867. Collected June 03, 1979. Khabang, Rukum, Rapati. Lat. 28 deg. 32'N, Long. 82 deg. 43'E. 1700m. Naked and covered, 6-row type. Winter annual. Cultivated. Seed.

445685. 205. FAO. 51.903. Collected June 16, 1979. Khabang, Rukum, Rapati, Lat. 28 deg. 32'N, Long. 83 deg. 41'E. 920m. Naked, 6-row type. Winter annual. Cultivated. Seed.

445686. 218. FAO. 51.911. Thecholele, Lalitpur, Bagmati. Lat. 27 deg. 35'N, Long. 85 deg. 18'E. 1350m. Naked, 6-row type. Winter annual. Cultivated. Seed.

445687. 223. FAO. 51.913. Collected June 19, 1979. Jitpur, Khavre, Bagmati. Lat. 27 deg. 34'N, Long. 85 deg. 45'E. 1200m. Naked, 6-row type. Winter annual. Cultivated. Seed.

445688 TO 445778. *Triticum aestivum* L. (Poaceae) Common wheat.

From Nepal. Collected by W. Erskine, J. Bourgois, P. Shrestha, International Board for Plant Genetic Resources, FAO, Rome, Italy. Received November 1979.

445688. 001. FAO. 51.827. Collected May 16, 1979. Kalagaon, Surkhet, Bheri. Lat. 28 deg. 36'N, Long. 81 deg. 35'E. 780m. Site terraced flood plain. Awnless. Seeds white. Winter annual. Cultivated. Seed.

445689. 005. FAO. 51.828. Collected May 17, 1979. Katuca, Surkhet, Bheri. Lat. 28 deg. 38'N, Long. 81 deg. 39'E. 1430m. Site hilly. Awnless. Seeds white. Winter annual. Cultivated. Seed.

445690. 008. FAO. 51.829. Collected May 18, 1979. Ladeh, Surkhet, Bheri. Lat. 28 deg. 39'N, Long. 81 deg. 38'E. 1720m. Site hilly. Awns sometimes present. Seeds white. Winter annual. Cultivated. Seed.

445688 TO 445778-continued

445691. 009. FAO. 51.830. Collected May 18, 1979. Ratanangla, Surkheth, Bheri. Lat. 28 deg. 41'N, Long. 81 deg. 39'E. 2140m. Seeds mixture of local red and improved white, plump. Winter annual. Cultivated. Seed.
445692. 011. FAO. 51.831. Collected May 18, 1979. Ratanangla, Surkheth, Bheri. Lat. 28 deg. 41'N, Long. 81 deg. 39'E. 2140m. Site hilly. Awns absent. Seeds mixture of local red and improved white, plump. Winter annual. Cultivated. Seed.
445693. 013. FAO. 51.832. Collected May 18, 1979. Fetari, Dailekh, Bheri. Lat. 28 deg. 43'N, Long. 81 deg. 37'E. 1970m. Site hilly. Awns sometimes present. Seeds white and red. Winter annual. Cultivated. Seed.
445694. 016. FAO. 51.833. Collected May 18, 1979. Magran, Dailekh, Bheri. Lat. 28 deg. 44'N, Long. 81 deg. 38'E. 1840m. Site hilly. Awns sometimes present. Seeds red and white. Winter annual. Cultivated. Seed.
445695. 018. FAO. 51.834. Collected May 19, 1979. Aagparnie, Dailekh, Bheri. Lat. 28 deg. 45'N, Long. 81 deg. 39'E. 1150m. Site hilly. Seeds red and white. Winter annual. Cultivated. Seed.
445696. 022. FAO. 51.835. Collected May 19, 1979. Mathela, Dailekh, Bheri. Lat. 28 deg. 46'N, Long. 81 deg. 42'E. 770m. Seeds plump, white. Winter annual. Cultivated. Seed.
445697. 023. FAO. 51.836. Collected May 20, 1979. Shandu, Dailekh, Bheri. Lat. 28 deg. 49'N, Long. 81 deg. 42'E. 950m. Site hilly. Awnless. Seeds plump, white, mixed with improved. Winter annual. Cultivated. Seed.
445698. 024. FAO. 51.837. Collected May 20, 1979. Shandu, Dailekh, Bheri. Lat. 28 deg. 49'N, Long. 81 deg. 42'E. 950m. Site hilly. Awnless. Seeds plump, red. Winter annual. Cultivated. Seed.
445699. 025. FAO. 51.838. Collected May 20, 1979. Shandu, Dailekh, Bheri. Lat. 28 deg. 49'N, Long. 81 deg. 42'E. 950m. Site hilly. Awnless. Seeds plump, white. Winter annual. Cultivated. Seed.
445700. 027. FAO. 51.839. Collected May 20, 1979. Dailekh, Dailekh, Bheri. Lat. 28 deg. 50'N, Long. 81 deg. 43'E. 1410m. Site hilly. Awnless. Seeds plump, red. Winter annual. Cultivated. Seed.
445701. 028. FAO. 51.840. Collected May 20, 1979. Dailekh, Dailekh, Bheri. Lat. 28 deg. 50'N, Long. 81 deg. 43'E.

445688 TO 445778-continued

- 1410m. Site hilly, Awns present. Seeds plump, red. Winter annual. Cultivated. Seed.
445702. 029. FAO. 51.841. Collected May 20, 1979. Dailekh, Dailekh, Bheri. Lat. 28 deg. 50'N, Long. 81 deg. 43'E. 1410m. Site hilly. Glumes red. Awnless. Seeds white. Winter annual. Cultivated. Seed.
445703. 030. FAO. 51.842. Collected May 20, 1979. Dailekh, Dailekh, Bheri. Lat. 28 deg. 50'N, Long. 81 deg. 43'E. 1410m. Site hilly. Seeds plump, white. Winter annual. Cultivated. Seed.
445704. 039. FAO. 51.843. Collected May 21, 1979. Farajul, Dailekh, Bheri. Lat. 28 deg. 46'N, Long. 81 deg. 43'E. 1500m. Seeds white. Winter annual. Cultivated. Seed.
445705. 040. FAO. 51.844. Collected May 21, 1979. Farajul, Dailekh, Bheri. Lat. 28 deg. 46'N, Long. 81 deg. 43'E. 1500m. Seeds white and red. Winter annual. Cultivated. Seed.
445706. 042. FAO. 51.845. Collected May 21, 1979. Gatara, Dailekh, Bheri. Lat. 28 deg. 51'N, Long. 81 deg. 43'E. 1320m. Site hilly, terraced. Awnless. Seeds plump, white or red. Winter annual. Cultivated. Seed.
445707. 045. FAO. 51.846. Collected May 22, 1979. Khursanibari, Dailekh, Bheri. Lat. 28 deg. 52'N, Long. 81 deg. 44'E. 1480m. Site hilly, terraced. Awnless. Seeds mixture of Armenian improved and local, small Jyamine, white. Winter annual. Cultivated. Seed.
445708. 046. FAO. 51.847. Collected May 22, 1979. Channa, Dailekh, Bheri. Lat. 28 deg. 55'N, long. 81 deg. 45'E. 1960m. Site hilly, terraced. Awnless. Seeds plump, mixture of white and red. Winter annual. Cultivated. Seed.
445709. 048. FAO. 51.848. Collected May 23, 1979. Bhavasaini, Dailekh, Bheri. Lat. 28 deg. 58'N, Long. 81 deg. 46'E. 2400m. Site steep hillside. Stems purple. Glumes partially or wholly loose, partially hairy, red. Awns tipped. Seeds white or red. Brown and yellow rust infection. Winter annual. Cultivated. Seed.
445710. 051. FAO. 51.849. Collected May 24, 1979. Dillikot, Jumla, Karnali. Lat. 29 deg. 04'N, Long. 81 deg. 45'E. 2245m. Site steep hillside, terraced. Glumes sometimes hairy, white or brown. Awns short or tipped. Seeds plump, red. Local name Dable. Winter annual. Cultivated. Seed.
445711. 052. FAO. 51.850. Collected May 24, 1979. Dillikot, Jumla, Karnali. Lat. 29 deg. 04'N, Long. 81 deg. 45'E.

445688 TO 445778-continued

- 2245m. Site steep hillside. Glumes sometimes hairy. Awnless. Seeds shriveled, red. Local name Dalkhane. Winter annual. Cultivated. Seed.
445712. 053. FAO. 51.851. Collected May 24, 1979. Dillikot, Jumla, Karnali. Lat. 29 deg. 04'N, Long. 81 deg. 45'E. 2245m. Site steep hillside, terraced. Glumes hairy. Awned. Seeds red. Winter annual. Cultivated. Seed.
445713. 054. FAO. 51.852. Collected May 25, 1979. Cdan, Jumla, Karnali. Lat. 29 deg. 05'N, Long. 81 deg. 45'E. 1690m. Site hilly, terraced. Glumes hairless. Awns partially present. Seeds plump, white. Winter annual. Cultivated. Seed.
445714. 056. FAO. 51.853. Collected May 25, 1979. Kadampar, Jumla, Karnali. Lat. 29 deg. 06'N, Long. 81 deg. 46'E. 1840m. Site steep hillside, terraced. Glumes hairless. Awned. Seeds plump, white. Black rust infection. Local name Sano Chile. Winter annual. Cultivated. Seed.
445715. 058. FAO. 51.854. Collected May 25, 1979. Jubitha, Jumla, Karnali. Lat. 29 deg. 10'N, Long. 81 deg. 50'E. 1880m. Site steep hillside, terraced. Glumes hairless. Awned. Seeds plump, red, bought from Dulu because of loose smut (*Ustilago*). Powdery mildew infection. Local name Dalkhane. Winter annual. Cultivated. Seed.
445716. 059. FAO. 51.855. Collected May 25, 1979. Jubitha, Jumla, Karnali. Lat. 29 deg. 10'N, Long. 81 deg. 50'E. 1880m. Site steep hillside. Glumes hairless. Awns partial or tipped, if present. Seeds plump, red, bought from Dulu because of loose smut (*Ustilago*). Powdery mildew infection. Local name Dalkhane. Winter annual. Cultivated. Seed.
445717. 062. FAO. 51.856. Collected May 26, 1979. Chirana, Jumla, Karnali. Lat. 29 deg. 11'N, Long. 81 deg. 53'E. 1950m. Site hilly. Glumes hairy. Awns partial or tipped. Seeds shriveled, white or red. Winter annual. Cultivated. Seed.
445718. 066. FAO. 51.857. Collected May 29, 1979. Bahiranka, Jumla, Karnali. Lat. 29 deg. 14'N, Long. 82 deg. 02'E. 2145m. Site hilly, terraced. Glumes hairy. Mixture of awnless, awned, partially awned types. Seeds plump, white. Winter annual. Cultivated. Seed.
445719. 083. FAO. 51.858. Collected May 29, 1979. Kgygher, Mustang. 3500m. Site hilly, terraced. Heads large, awnless. Glumes very hairy. Spikelets with 5 seeds each. Local name Dogga. Annual. Cultivated. Seed.

445688 TO 445778-continued

445720. 084. FAO. 51.859. Collected May 29, 1979. Saiyan, Jumla, Karnali. 2100m. Site hilly, terraced. Seeds white. Cultivated. Seed.
445721. 085. FAO. 51.860. Collected May 29, 1979. Jumla, Jumla, Karnali. Lat. 29 deg. 16'N, Long. 82 deg. 12'E. 2600m. Site hilly, terraced. Seeds white. Winter annual. Cultivated. Seed.
445722. 086. FAO. 51.861. Collected May 29, 1979. Jumla, Jumla, Karnali. Lat. 29 deg. 16'N, Long. 82 deg. 12'E. 2600m. Site hilly, terraced. Seeds plump, white. Winter annual. Cultivated. Seed.
445723. 090. FAO. 51.862. Collected May 29, 1979. Mustang district. 2500m. Site hilly, terraced. Seeds red. Winter annual. Cultivated. Seed.
445724. 094. Tibet. FAO. 51.863. Collected May 29, 1979. Winter annual. Cultivated. Seed.
445725. 131. FAO. 51.864. Collected June 02, 1979. Maina, Jajarkot, Bheri. Lat. 28 deg. 58'N, Long. 82 deg. 18'E. 1920m. Site hilly, terraced. Awns partial. Seeds red. Local name Hasha. Winter annual. Cultivated. Seed.
445726. 132. FAO. 51.865. Collected June 02, 1979. Maina, Jajarkot, Bheri. Lat. 28 deg. 58'N, Long. 82 deg. 18'E. 1920m. Site hilly, terraced. Glumes hairless. Awnless. Seeds red. Local name Dable. Winter annual. Cultivated. Seed.
445727. 134. FAO. 51.866. Collected June 03, 1979. Tulkana, Jajarkot, Bheri. Lat. 28 deg. 57'N, Long. 82 deg. 17'E. 1710m. Site hilly, terraced. Awns partial. Seeds red. Local name Hasha. Winter annual. Cultivated. Seed.
445728. 136. FAO. 51.868. Collected June 03, 1979. Ragdyaur, Jajarkot, Bheri. Lat. 28 deg 56'N, Long. 82 deg. 18'E. 1500m. Site hilly, terraced. Awns partial. Seeds red. Local name Hasha. Winter annual. Cultivated. Seed.
445729. 138. FAO. 51.869. Collected June 04, 1979. Bhandaregaon, Jajarkot, Bheri. Lat. 28 deg. 52'N, Long. 82 deg. 18'E. 1390m. Site hilly, terraced. Mixture of awned and awnless types. Seeds white. Local name Hasha. Winter annual. Cultivated. Seed.
445730. 140. FAO. 51.870. Collected June 04, 1979. Fokhra, Jajarkot, Bheri. Lat. 28 deg. 51'N, Long. 82 deg. 18'E. 1750m. Site mid-slope of hill. Awnless. Seeds red, from Jumla. Local name Dable. Winter annual. Cultivated. Seed.

445731. 141. FAO. 51.871. Collected June 04, 1979. Pokhra, Jajarkot, Bheri. Lat. 28 deg. 51'N, Long. 82 deg. 18'E. 1750m. Site hilly, mid-slope. Awns partial. Seeds red. Local name Hasha. Winter annual. Cultivated. Seed.
445732. 143. FAO. 51.872. Collected June 04, 1979. Baghanath, Jajarkot, Bheri. Lat. 28 deg. 47'N, Long. 82 deg. 18'E. 1330m. Site hilly, lower slope. Mixture of 3 varieties: 1) Heads large, awnless. Seeds large, red, Imported. 2) Awned. Seeds red. Local. 3) Partially awned. Seeds red. Local name Hasha. Winter annual. Cultivated. Seed.
445733. 144. FAO. 51.873. Collected June 04, 1979. Dali, Jajarkot, Bheri. Lat. 28 deg. 48'N, Long. 82 deg. 19'E. 950m. Site hilly. Awnless. Seeds white or red. Winter annual. Cultivated. Seed.
445734. 145. FAO. 51.874. Collected June 05, 1979. Chaur, Jajarkot, Bheri. Lat. 28 deg. 48'N, Long. 82 deg. 22'E. 950m. Site hilly, terraced. Awnless. Seeds white or red. Winter annual. Cultivated. Seed.
445735. 147. FAO. 51.875. Collected June 05, 1979. Gija, Rukum, Rapati. Lat. 28 deg. 47'N, Long. 82 deg. 22'E. 1080m. Site hilly, terraced. Awnless. Seeds red. Local name Dudhe Mudulo. Winter annual. Cultivated. Seed.
445736. 148. FAO. 51.876. Collected June 05, 1979. Gkarikhola, Rukum, Rapati. Lat. 28 deg. 45'N, Long. 82 deg. 23'E. 1540m. Site mid-slope. Awnless. Seeds red. Local name Dudhe Mudulo. Winter annual. Cultivated. Seed.
445737. 150. FAO. 51.877. Collected June 06, 1979. Banstala, Rukum, Rapati. Lat. 28 deg. 45'N, Long. 82 deg. 23'E. 1820m. Site hilly, terraced. Awns partial. Seeds red. Local name Dudhe Mudulo. Winter annual. Cultivated. Seed.
445738. 152. FAO. 51.878. Collected June 06, 1979. Darkan, Rukum, Rapati. Lat. 28 deg. 44'N, Long. 82 deg. 24'E. 1850m. Site hilly, terraced. Awned and awnless. Seeds red. Winter annual. Cultivated. Seed.
445739. 153. FAO. 51.879. Collected June 06, 1979. Makna, Rukum, Rapati. Lat. 28 deg. 43'N, Long. 82 deg. 25'E. 1460m. Site hilly, terraced. Seeds plump, red. Local name Dudhe Mudhulo. Winter annual. Cultivated. Seed.
445740. 155. FAO. 51.880. Collected June 06, 1979. Jhula, Rukum, Rapati. Lat. 28 deg. 42'N, Long. 82 deg. 25'E. 1130m. Site hilly, terraced. Mixture: 1) Awnless. Seeds red. Local. 2) Awns partial. Seeds white. Imported from Kanpur, India. Winter annual. Cultivated. Seed.

445688 TO 445778-continued

445741. 157. FAO. 51.881. Collected June 07, 1979. Ratanati, Rukum, Rapati. Lat. 28 deg. 39'N, Long. 82 deg. 28'E. 1090m. Site hilly, terraced. Awnless. Seeds plump, red. Winter annual. Cultivated. Seed.
445742. 158. FAO. 51.882. Collected June 07, 1979. Ratanati, Rukum, Rapati. Lat. 28 deg. 39'N, Long. 82 deg. 28'E. 1090m. Site hilly, terraced. Awnless. Seeds plump, white. Winter annual. Cultivated. Seed.
445743. 159. FAO. 51.883. Collected June 07, 1979. Ratanati, Rukum, Rapati. Lat. 28 deg. 39'N, Long. 82 deg. 28'E. 1090m. Site hilly, terraced. Awnless. Seeds plump, red. Winter annual. Cultivated. Seed.
445744. 160. FAO. 51.884. Collected June 07, 1979. Ratanati, Rukum, Rapati. Lat. 28 deg. 39'N, Long. 82 deg. 28'E. 1090m. Site hilly, terraced. Plants at least 1.5m tall. Awns partial. Seeds large, very plump, white. Local name Bharase. Winter annual. Cultivated. Seed.
445745. 162. FAO. 51.885. Collected June 08, 1979. Musikot, Rukum, Rapati. Lat. 28 deg. 38'N, Long. 82 deg. 29'E. 1520m. Site hilly, terraced. Awnless. Seeds red. Local name Dudhe Mudhulo. Winter annual. Cultivated. Seed.
445746. 167. FAO. 51.886. Collected June 09, 1979. Bhandarikanta, Rukum, Rapati. Lat. 28 deg. 38'N, Long. 82 deg. 29'E. 1730m. Site hilly, terraced. Awns partial. Seeds red. Winter annual. Cultivated. Seed.
445747. 169. FAO. 51.887. Collected June 09, 1979. Sankla, Rukum, Rapati. Lat. 28 deg. 36'N, Long. 82 deg. 31'E. 1890m. Site hilly, terraced. Awnless. Seeds red. Winter annual. Cultivated. Seed.
445748. 172. FAO. 51.888. Collected June 10, 1979. Gorkhani, Rukum, Rapati. Lat. 28 deg. 35'N, Long. 82 deg. 34'E. 1990m. Site hilly, terraced. Mixture of a local type and a large, imported type. Seeds white. Local names Raji and Simle. Winter annual. Cultivated. Seed.
445749. 173. FAO. 51.889. Collected June 10, 1979. Kopchar, Rukum, Rapati. Lat. 28 deg. 35'N, Long. 82 deg. 35'E. 1920m. Awns partial. Local name Raji. Winter annual. Cultivated. Seed.
445750. 174. FAO. 51.890. Collected June 10, 1979. Blainsakhal, Rukum, Rapati. Lat. 28 deg. 35'N Long. 82 deg. 37'E. 2130m. Site terraced, mountain. Awnless. Seeds plump, red. Local name Raji. Winter annual. Cultivated. Seed.

445688 TO 445778-continued

445751. 175. FAO. 51.891. Collected June 11, 1979. Rumbada, Rukum, Rapati. Lat. 28 deg. 35'N, Long. 82 deg. 37'E. 1590m. Site hilly, terraced. Awnless. Seeds red. Local name Raji. Winter annual. Cultivated. Seed.
445752. 176. FAO. 51.892. Collected June 11, 1979. Bhardane, Rukum, Rapati. Lat. 28 deg. 34'N, Long. 82 deg. 38'E. 1450m. Site hilly, terraced. Awnless. Seeds red. Local name Raji. Winter annual. Cultivated. Seed.
445753. 179. FAO. 51.893. Collected June 11, 1979. Bhardane, Rukum, Rapati. Lat. 28 deg. 34'N, Long. 82 deg. 38'E. 1450m. Site hilly, terraced. Seeds red. Winter annual. Cultivated. Seed.
445754. 180. FAO. 51.894. Collected June 11, 1979. Khabang, Rukum, Rapati. Lat. 28 deg. 32'N, Long. 82 deg. 43'E. 1700m. Site hilly, terraced. Awnless. Seeds mixed, red and white. Local names Kali Gahun and Dotil. Winter annual. Cultivated. Seed.
445755. 181. FAO. 51.895. Collected June 12, 1979. Gabang, Rukum, Rapati. Lat. 28 deg. 33'N, 82 deg. 43'E. 1900m. Site hilly, terraced. Awnless. Seeds mixed, red and white. Local names Dotil and Dangali. Winter annual. Cultivated. Seed.
445756. 185. FAO. 51.896. Collected June 12, 1979. Khabang, Rukum, Rapati. Lat. 28 deg. 32'N, 82 deg. 43'E. 1700m. Site hilly, terraced. Awnless. Seeds mixed, red and white. Local names Dotil and Dangali. Winter annual. Cultivated. Seed.
445757. 189. FAO. 51.897. Collected June 12, 1979. Kankri, Rukum, Rapati. Lat. 28 deg. 33'N, Long. 82 deg. 44'E. 1900m. Site hilly, terraced. Awnless. Seeds red. Winter annual. Cultivated. Seed.
445758. 190. FAO. 51.898. Collected June 12, 1979. Kankri, Rukum, Rapati. Lat. 28 deg. 33'N, Long. 82 deg. 44'E. 1900m. Site hilly, terraced. Awnless. Seeds white, a few red. Winter annual. Cultivated. Seed.
445759. 191. FAO. 51.899. Collected June 12, 1979. Kankri, Rukum, Rapati. Lat. 28 deg. 33'N, Long. 82 deg. 44'E. 1900m. Site hilly, terraced. Awnless. Seeds red. Local name Jyamire. Considered high altitude (up to 3000m) local wheat. Winter annual. Cultivated. Seed.
445760. 194. FAO. 51.900. Collected June 13, 1979. Garkani, Rukum, Rapati. Lat. 28 deg. 35'N, Long. 82 deg. 46'E. 2400m. Site hilly, terraced. Awnless. Seeds white. Local

445688 TO 445778-continued

name Kali. Winter annual. Cultivated. Seed.

445761. 197. FAO. 51.901. Collected June 14, 1979. Ghumlibang, Rukum, Rapati. Lat. 28 deg. 35'N, Long. 82 deg. 51'E. 2310m. Site hilly, terraced. Glumes hairy. Seeds mixed, white and red. Local name Dable for white seed. Grown at altitudes to 3000m. Winter annual. Cultivated. Seed.
445762. 202. FAO. 51.902. Collected June 14, 1979. Dharamshala, Baglung, Dhaulagiri. Lat. 28 deg. 35'N, Long. 82 deg. 55'E. 2640m. Site hilly, terraced. Glumes hairless, sometimes pigmented. Awnless. Winter annual. Cultivated. Seed.
445763. 206. FAO. 51.904. Collected June 16, 1979. Hokangkot, Baglung, Dhaulagiri. Lat. 28 deg. 40'N, Long. 82 deg. 52'E. 2300m. Site hilly, terraced. Awnless. Seeds red. Winter annual. Cultivated. Seed.
445764. 207. FAO. 51.905. Collected June 16, 1979. Taka, Rukum, Rapati. Lat. 28 deg. 35'N, Long. 82 deg. 48'E. 2200m. Site hilly, terraced. Awnless. Seeds plump, red. Winter annual. Cultivated. Seed.
445765. 210. FAO. 51.906. Collected June 18, 1979. Lomson, Myagdi, Dhaulagiri. Lat. 28 deg. 30'N, 83 deg. 14'E. 2170m. Site hilly, terraced. Awnless. Seeds very small, shriveled, red. Reported from Terai region, which has only improved varieties, but looks local. Winter annual. Cultivated. Seed.
445766. 211. FAO. 51.907. Collected June 18, 1979. Muna, Myagdi, Dhaulagiri. Lat. 28 deg. 29'N, Long. 83 deg. 13'E. 1930m. Site hilly, terraced. Awned. Seeds red. Local name Sete. Winter annual. Cultivated. Seed.
445767. 212. FAO. 51.908. Collected June 18, 1979. Muna, Myagdi, Dhaulagiri. Lat. 28 deg. 29'N, Long. 83 deg. 13'E. 1930m. Site hilly, terraced. Awnless. Seeds red. Local name Kathe. Winter annual. Cultivated. Seed.
445768. 214. FAO. 51.909. Collected June 18, 1979. Taha, Myagdi, Dhaulagiri. Lat. 28 deg. 25'N, Long. 83 deg. 22'E. 1680m. Site hilly, terraced. Awned. Seeds red. Local name Sete. Winter annual. Cultivated. Seed.
445769. 216. FAO. 51.910. Collected June 18, 1979. Taha, Myagdi, Dhaulagiri. Lat. 28 deg. 25'N, Long. 83 deg. 22'E. 1680m. Site hilly, terraced. Awnless. Seeds red. Winter annual. Cultivated. Seed.
445770. 219. FAO. 51.912. Collected June 19, 1979. Malkabang, Myagdi, Dhaulagiri. Lat. 28 deg. 22'N, Long. 83 deg. 27'E.

445688 TO 445778-continued

2000m. Site hilly, terraced. Awnless. Seeds red. Winter annual. Cultivated. Seed.

445771. 224. FAO. 51.914. Collected June 20, 1979. Beni, Myagdi, Dhaulagiri. Lat. 28 deg. 20'N, Long. 83 deg. 33'E. 980m. Site hilly, terraced. Awnless. Seeds red. Winter annual. Cultivated. Seed.

445772. 228. FAO. 51.915. Collected June 21, 1979. Kusma, Narbat, Gandaki. Lat. 28 deg. 13'N, Long. 83 deg. 41'E. 920m. Site hilly, terraced. Awned. Seeds shriveled, red. Winter annual. Cultivated. Seed.

445773. J-3. FAO. 51.821. Collected June 11, 1979. Kakani, Khavre, Bagmati. Lat. 27 deg. 49'N, Long. 85 deg. 16'E. 2200m. Site hilly, terraced. Awnless. Seeds plump, white. Leaf rust (*Puccinia*) infection. Local name Mudelle. Winter annual. Cultivated. Seed.

445774. J-5. FAO. 51.822. Collected June 11, 1979. Ranipauwa, Nuwakot, Bagmati. Lat. 27 deg. 50'N, Long. 85 deg. 95'E. 1900m. Site hilly, terraced. Seeds plump, brown. Winter annual. Cultivated. Seed.

445775. J-14. FAO. 51.823. Collected June 12, 1979. Thecholele, Lalitpur, Bagmati. Lat. 27 deg. 35'N, Long. 85 deg. 18'E. 1350m. Site open plain. Awned. Seeds plump, red-brown. Winter annual. Cultivated. Seed.

445776. J-17A. FAO. 51.824. Collected June 1979. Godavari, Lalitpur, Bagmati. Lat. 27 deg. 36'N, Long. 85 deg. 22'E. 1400m. Site open plain. Seeds brown. Winter annual. Cultivated. Seed.

445777. J-18. FAO. 51.825. Collected June 21, 1979. Bhaktapur, Bhaktapur, Bagmati. Lat. 27 deg. 40'N, long. 85 deg. 25'E. 1370m. Site terraced plain. Awned. Seeds plump, orange. Winter annual. Cultivated. Seed.

445778. J-29. FAO. 51.826. Collected June 25, 1979. Jitpur, Khavre, Bagmati. Lat. 27 deg. 43'N, Long. 85 deg. 45'E. 1200m. Site terraced hill. Awned. Seeds plump, white or brown. Winter annual. Cultivated. Seed.

445779. *Hibiscus syriacus* L. (Malvaceae) Shrub althea.

From United States. Donated by D. R. Egolf, U. S. National Arboretum, U. S. Department of Agriculture, Washington, D. C. Received July 1980.

NA 41786. 'Helene'. ('Sokobeni-yaе' x 'William R. Smith') x tetraploid seedling. Shrub triploid, densely

445779-continued

branched. Leaves glabrous, dark green (Green 137A above, Green 137C below), triangular or rhombic-ovate, mostly 3-lobed, 7-10cm long, 4-7cm wide, margins toothed and notched. Flowers waxy, campanulate, undulate, heavily ruffled, 10-15cm diameter. Petaloids 3-20, twisted, lanceolate, white with trace of pink (Red Purple 70C) on reverse, and with a prominent dark red (Red Purple 60A) eye-spot that radiates along the veins. Seed production sparse. Cultivated. Plants.

445780 TO 445781. *Viburnum* hybrid (Caprifoliaceae).

From United States. Donated by D. R. Egolf, U. S. National Arboretum, U. S. Department of Agriculture, Washington, D. C. Received July 1980.

445780. NA 43148. 'Eskimo'. F2 of *V. X carlcephalum* ex Pike 'Cayuga' (Egolf) x *V. utile* Hemsl. Shrub compact, slow growing. Young branches stellate and light green, become glabrate and grey-brown. Leaves semi-evergreen, deciduous, coriaceous, dark green (Yellow Green 147A above and Yellow Green 148B below), obovate-elliptic, 8-10cm long and 3-4.5cm wide. Globose inflorescences produced in early May, contain 80-175 tubular florets, pale cream (Yellow 8D) with a touch of pink (Orange Red 35C) in bud, open to white. Fruit ripens in August, dull red to black. Cultivated. Plants.

445781. NA 43149. 'Chesapeake'. *Viburnum* X *carlcephalum* Burk. ex Pike 'Cayuga' (Egolf) x *V. utile* Hemsl. Shrub compact, slow growing. Young branches densely stellate, light green (Yellow Green 147B) become glabrate, wide-spreading and grey-brown. Leaves deciduous, glossy, dark green (Yellow Green 147A above and Yellow Green 148C below), turn red to orange (Greyed Red 179A to Greyed Orange 173D) in autumn, obovate-elliptic, 5-7cm long and 3-4cm wide. Cymes 5-8cm diameter, in early May produce pink buds. Flowers white. Fruit ripens in August, dull red to black. Cultivated. Plants.

445782 TO 445785. *Spinacia oleracea* L. (Chenopodiaceae) Spinach.

From Syria. Donated by Farming Systems Research Program, International Center for Agricultural Research in the Dry Areas, Aleppo. Received June 1980.

445782. 'Shami'. Aleppo market, source A. Damascus type. Cultivar. Seed.

445783. 'Shami'. Aleppo market, source B. Damascus type.

445782 TO 445785-continued

Cultivar. Seed.

445784. 'Baladi'. Aleppo market, source A. Aleppo type. Cultivar. Seed.

445785. 'Baladi'. Aleppo market, source B. Aleppo type. Cultivar. Seed.

445786 TO 445826. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From German Democratic Repub. Donated by M. Zacharia,
Zentralinstitut für Genetik and Kulturpflanzenforschung,
Akademie der Wissenschaften der DDR, Gatersleben.
Received July 1980.

445786. 529/77. Adepta. Received as var. rufo-flavida.
Cultivated. Seed.

445787. 347/77. Berkners Geschekte. Cultivated. Seed.

445788. 85. Bitterhof a. Received as var. albo-flavida.
Cultivated. Seed.

445789. 145. Bitterhof b. Received as var. albo-flavida.
Cultivated. Seed.

445790. 151/74. Brillmeyer. Received as var. rufo-flavida.
Cultivated. Seed.

445791. 41/74. Delitzch Nr. 36. Received as var. lanceolata.
Cultivated. Seed.

445792. 121. Dieckmanns Hellgelbe. Cultivated. Seed.

445793. 38. Dippes Frühgelbe. Received as var. rufo-flavida.
Cultivated. Seed.

445794. 59. Dornburger Stamm 106. Received as var. brunnea.
Cultivated. Seed.

445795. 74/77. Dornburger Stamm 150. Received as var. rufo-
flavida. Cultivated. Seed.

445796. 55/74. Dornburger Weissbluhende. Received as var. tarda.
Cultivated. Seed.

445797. 24/77. Freitag Stamm 70. Received as var. lanceolata.
Cultivated. Seed.

445798. 62. Freitag Stamm 2143. Received as var. lanceolata.
Cultivated. Seed.

445786 TO 445826-continued

445799. 76. Freitag Stamm 2143. Received as var. lanceolata. Cultivated. Seed.
445800. 348/74. Fruhe Braune. Received as var. rufo-flavida. Cultivated. Seed.
445801. 282. Fruhe Gelbe. Received as var. rufo-flavida. Cultivated. Seed.
445802. 53. Fruwirths Schwarze Pedroja. Received as var. nigricans-lutescens. Cultivated. Seed.
445803. 27/77. Heimkraft I. Received as var. lanceolata. Cultivated. Seed.
445804. 432/77. Heimkraft II. Received as var. lanceolata. Cultivated. Seed.
445805. 28/77. Herb 22. Received as var. rufo-flavida. Cultivated. Seed.
445806. 684/74. Herb 606. Received as var. rufo-flavida. Cultivated. Seed.
445807. 688/75. Herb 610. Received as var. rufo-flavida. Cultivated. Seed.
445808. 709/76. Herb 619. Cultivated. Seed.
445809. 496/77. Herb 620. Received as var. rufo-flavida. Cultivated. Seed.
445810. 42. Kirches Stamm 66. Received as var. brunnea. Cultivated. Seed.
445811. 35. Kirches Stamm 2002. Received as var. maculosa. Cultivated. Seed.
445812. 75. Kirches Stamm 2008. Received as var. albo-flavea. Cultivated. Seed.
445813. 47/74. Kirches Stamm 2009. Received as var. robusta. Cultivated. Seed.
445814. 732/74. Kirches Stamm 2026. Received as var. rufo-flavida. Cultivated. Seed.
445815. 98/74. Kirches Stamm 2027. Received as var. albo-flavea. Cultivated. Seed.
445816. 224. Kleverhof 527. Received as var. tarda. Cultivated. Seed.

445786 TO 445826-continued

- 445817. 26A/77. Peragis Stamm II. Received as var. rufo-flavida. Cultivated. Seed.
- 445818. 530/77. Praemata. Cultivated. Seed.
- 445819. 129/76. Raststatter Schwarze. Cultivated. Seed.
- 445820. 214. Riede 525. Cultivated. Seed.
- 445821. 344. Schwarze Poppelsdorfer. Cultivated. Seed.
- 445822. 346/77. Strengs Weihenstephaner. Cultivated. Seed.
- 445823. 397/77. Tubinger. Cultivated. Seed.
- 445824. 108/74. Wolfsthaler. Cultivated. Seed.
- 445825. 177/77. Cultivated. Seed.
- 445826. 644. Cultivated. Seed.

445827 TO 445837. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From Romania. Donated by Acad. Nichifor Ceapoiu, Institutul De Cercetari Pentru Cereale Si Plante Tehnice, Fundulea. Received July 1980.

- 445827. Boaba neagra. Cultivated. Seed.
- 445828. Cianturkaia. Cultivated. Seed.
- 445829. Dunayka. Cultivated. Seed.
- 445830. Flora. Cultivated. Seed.
- 445831. Giesso. Cultivated. Seed.
- 445832. Herb 91. Cultivated. Seed.
- 445833. Iantarnaia. Cultivated. Seed.
- 445834. Iasi 10. Cultivated. Seed.
- 445835. Olima. Cultivated. Seed.
- 445836. Precoce 90. Cultivated. Seed.
- 445837. Violeta. Cultivated. Seed.

445838. *Apium graveolens* var. *dulce* (Mill.) Pers. (Apiaceae) Celery.

From Pakistan. Donated by D.R. Cornelius, International Programs Division, SEA-AR, USDA, Beltsville, Maryland.
Received May 1979.

445838. Pakistan. Lahore. Essential Oil Project, PCSIR Laboratories. Wild. Seed.

445839 TO 445841. *Trifolium resupinatum* L. (Fabaceae) Persian clover.

From Pakistan. Donated by D.R. Cornelius, International Programs Division, SEA-AR, USDA, Beltsville, Maryland.
Received May 1979.

445839. Collected April 1979. Najaf-Abad, 30km southwest of Esfahan, Iran. Local name Harandy. Single-cut type. Cultivated. Seed.

445840. Collected April 1979. Najaf-Abad, 30km southwest of Esfahan, Iran. Seven-cut type. Cultivated. Seed.

445841. Collected April 1979. Ghahderijan, Kedergan. Twenty-cut type. Cultivated. Seed.

445842 TO 445849. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by T. A. Lumpkin, Zhejiang Academy of Agricultural Sciences, Hangzhou, Zhejiang.
Received July 1980.

445842. Chiu yueh huang. Cultivated. Seed.

445843. Hua Tou. Cultivated. Seed.

445844. Kan sung pe. Cultivated. Seed.

445845. Szu yueh pa. Cultivated. Seed.

445846. Ta huang tou. Cultivated. Seed.

445847. Ta tsing tou. Cultivated. Seed.

445848. Tsieng tou. Cultivated. Seed.

445849. Wu pi tsing jen. Cultivated. Seed.

445850 TO 445861. *Hordeum vulgare* L. (Poaceae) Barley.

From China, Peoples Repub of. Donated by T. A. Lumpkin, Zhejiang Academy of Agricultural Sciences, Hangzhou, Zhejiang.

445850 TO 445861-continued
Received July 1980.

- 445850. Ko mo 114 (Er ling Ko mo). Cultivated. Seed.
- 445851. Li shi Lu Ling (Lu Ling pi mo). Cultivated. Seed.
- 445852. San yueh huang ta mo (Szu ling pi mo). Cultivated. Seed.
- 445853. Shao shan chiag feng pien chi ta mo (Er ling pi mo).
Cultivated. Seed.
- 445854. Shao shan er ling ta mo (Er ling pi ta mo). Cultivated.
Seed.
- 445855. Sheng hsien wu mang Lu Ling (Lu pi). Cultivated. Seed.
- 445856. Tsao shu 41 (Er ling Ko mo). Cultivated. Seed.
- 445857. Tsao shu 43 (Er ling Ko mo). Cultivated. Seed.
- 445858. Yu tao hung ta mo (Er ling pi mo). Cultivated. Seed.
- 445859. 73-142. Cultivated. Seed.
- 445860. 77-151. Cultivated. Seed.
- 445861. 757 (Lu Ling Ko mo). Cultivated. Seed.

445862 TO 445870. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Donated by T. A. Lumpkin, Zhejiang
Academy of Agricultural Sciences, Hangzhou, Zhejiang.
Received July 1980.

- 445862. Ai lo yang. Cultivated. Seed.
- 445863. Chin hua pa fu. Cultivated. Seed.
- 445864. Chiu lan. Cultivated. Seed.
- 445865. Feng shou #1. Cultivated. Seed.
- 445866. Lan chi tsao. Cultivated. Seed.
- 445867. Ling hai mao yang mo. Cultivated. Seed.
- 445868. Ling shui san yueh hwang. Cultivated. Seed.
- 445869. Zhe mo #1. Cultivated. Seed.
- 445870. Zhe mo #2. Cultivated. Seed.

445871 TO 445874. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Pakistan. Donated by Punjab Agricultural Research Institute, Faisalabad. Received through D.R. Cornelius, International Programs Div., SEA-AR, USDA, Beltsville, Md.
Received May 1979.

- 445871. Type 8-9. Collected April 1979. Cultivated. Seed.
- 445872. Type 18. Collected April 1979. Cultivated. Seed.
- 445873. Collected April 1979. Punjab selection. Cultivated. Seed.
- 445874. Collected April 1979. Local selection. Cultivated. Seed.

445875 TO 445898. *Trifolium alexandrinum* L. (Fabaceae) Berseem clover.

From Pakistan. Donated by Punjab Agricultural Research Institute, Faisalabad. Received through D.R. Cornelius, International Programs Div., SEA-AR, USDA, Beltsville, Md.
Received May 1979.

- 445875. Lyallpur Late. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445876. 4/11. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445877. B.23. Collected April 1979. Cultivated. Seed.
- 445878. L.10+34. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445879. L.16+40. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445880. L.18+63. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445881. L.64+13. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445882. L.49. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445883. L.51. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445884. L.64. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445885. L.67. Collected April 1979. Late-maturing. Cultivated. Seed.

445875 TO 445898-continued

- 445886. L.117. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445887. P.22. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445888. P.37. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445889. P.57. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445890. P.114. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445891. P.116. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445892. P.144. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445893. P.155. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445894. P.157. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445895. P.178. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445896. P.224. Collected April 1979. Late-maturing. Cultivated. Seed.
- 445897. P.249. Collected April 1979. Early-maturing. Cultivated. Seed.
- 445898. P.-253. Collected April 1979. Early-maturing. Cultivated. Seed.

445899 TO 445918. *Trifolium resupinatum* L. (Fabaceae) Persian clover.

From Pakistan. Donated by Punjab Agricultural Research Institute, Faisalabad. Received through D.R. Cornelius, International Programs Div., SEA-AR, USDA, Beltsville, Md.
Received May 1979.

- 445899. C.70. Collected April 1979. Cultivated. Seed.
- 445900. C.72. Collected April 1979. Cultivated. Seed.
- 445901. C.84. Collected April 1979. Cultivated. Seed.

445899 TO 445918-continued

- 445902. C.85. Collected April 1979. Cultivated. Seed.
- 445903. C.87. Collected April 1979. Cultivated. Seed.
- 445904. C.88. Collected April 1979. Cultivated. Seed.
- 445905. L.15. Collected April 1979. Cultivated. Seed.
- 445906. L.20. Collected April 1979. Cultivated. Seed.
- 445907. L.25. Collected April 1979. Cultivated. Seed.
- 445908. L.37. Collected April 1979. Cultivated. Seed.
- 445909. L.39. Collected April 1979. Cultivated. Seed.
- 445910. L.40. Collected April 1979. Cultivated. Seed.
- 445911. L.43. Collected April 1979. Cultivated. Seed.
- 445912. L.50. Collected April 1979. Cultivated. Seed.
- 445913. L.52. Collected April 1979. Cultivated. Seed.
- 445914. L.53. Collected April 1979. Cultivated. Seed.
- 445915. L.55. Collected April 1979. Cultivated. Seed.
- 445916. L.56. Collected April 1979. Cultivated. Seed.
- 445917. L.63. Collected April 1979. Cultivated. Seed.
- 445918. L.68. Collected April 1979. Cultivated. Seed.

445919 TO 445924. *Arachis hypogaea* L. (Fabaceae) Peanut.

From India. Donated by International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, Andhra Pradesh. Received August 1980.

- 445919. NC 17 X PI 259747. Plants non-nodulating. Cultivated. Seed.
- 445920. NC 17 X PI 259747. Plants non-nodulating. Cultivated. Seed.
- 445921. NC 17 X PI 259747. Plants non-nodulating. Cultivated. Seed.
- 445922. Shantung K. U. No. 203 X PI 259747. Plants non-nodulating. Cultivated. Seed.

445919 TO 445924-continued

445923. Shantung K. U. No. 203 X PI 259747. Plants non-nodulating. Cultivated. Seed.

445924. Shantung K. U. No. 203 X PI 259747. Plants non-nodulating. Cultivated. Seed.

445925 TO 445927. *Arachis hypogaea* L. (Fabaceae) Peanut.

From China, Peoples Repub of. Donated by Zhou Lianggao, Plant Protection Institute of the Guangdong Academy of Agricultural Sciences, Guangdong Province. Received through D. McDonald, ICRISAT, Hyderabad, India.
Received August 1980.

445925. Lok-Wou. Runner type. Resistant to Bacterial wilt in Guangdong. Cultivated. Seed.

445926. Sui-Nan-Tai-Zong. Runner type. Resistant to Bacterial wilt in Guangdong. Cultivated. Seed.

445927. Tai-San (jewel nut). Resistant to Bacterial wilt in Guangdong. Cultivated. Seed.

445928 TO 445959. *Arachis hypogaea* L. (Fabaceae) Peanut.

From India. Donated by International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, Andhra Pradesh.
Received July 1980.

445928. NC AC 1750. Runner type. Possible resistance to thrips. Cultivated. Seed.

445929. ICG 264. NC AC 56. Possible resistance to jassids. Cultivated. Seed.

445930. ICG 266. NC AC 406. Possible resistance to jassids. Cultivated. Seed.

445931. ICG 273. NC AC 489. Possible resistance to jassids. Cultivated. Seed.

445932. ICG 276. NC AC 503. Possible resistance to jassids. Cultivated. Seed.

445933. ICG 291. NC AC 548. Possible resistance to jassids. Cultivated. Seed.

445934. ICG 318. NC AC 2700. Possible resistance to jassids. Cultivated. Seed.

445928 TO 445959-continued

- 445935. ICG 324. NC AC 714. Possible resistance to jassids. Cultivated. Seed.
- 445936. ICG 347. NC AC 778. Possible resistance to jassids. Cultivated. Seed.
- 445937. ICG 439. NC AC 2879. Possible resistance to jassids. Cultivated. Seed.
- 445938. ICG 440. NC AC 2888. Possible resistance to jassids. Cultivated. Seed.
- 445939. ICG 504. Ah-54. Possible resistance to thrips. Cultivated. Seed.
- 445940. ICG 1620. NC AC 474. Possible resistance to thrips. Cultivated. Seed.
- 445941. ICG 1656. NC AC 2575. Possible resistance to thrips. Cultivated. Seed.
- 445942. ICG 1660. NC AC 2666. Possible resistance to jassids. Cultivated. Seed.
- 445943. ICG 2312. NC AC 2172. Possible resistance to thrips. Cultivated. Seed.
- 445944. ICG 2313. NC AC 2203. Possible resistance to thrips. Cultivated. Seed.
- 445945. ICG 2320. NC AC 2462. Possible resistance to jassids. Cultivated. Seed.
- 445946. ICG 2339. NC AC 2690. Possible resistance to thrips. Cultivated. Seed.
- 445947. ICG 2661. EC 20927. Runner type. Possible resistance to thrips. Cultivated. Seed.
- 445948. ICG 5030. NC AC 1741. Possible resistance to thrips. Cultivated. Seed.
- 445949. ICG 5035. NC AC 2125. Possible resistance to thrips. Cultivated. Seed.
- 445950. ICG 5040. NC AC 2214. Runner type. Possible resistance to jassids and thrips. Cultivated. Seed.
- 445951. ICG 5041. NC AC 2230. Runner type. Possible resistance to jassids and thrips. Cultivated. Seed.
- 445952. ICG 5042. NC AC 2232. Runner type. Possible resistance

445928 TO 445959-continued

- to jassids and thrips. Cultivated. Seed.
445953. ICG 5043. NC AC 2240. Runner type. Possible resistance to jassids and thrips. Cultivated. Seed.
445954. ICG 5044. NC AC 2242. Runner type. Possible resistance to jassids and thrips. Cultivated. Seed.
445955. ICG 5045. NC AC 2243. Runner type. Possible resistance to jassids and thrips. Cultivated. Seed.
445956. ICG 5055. NC AC 2477. Possible resistance to jassids. Cultivated. Seed.
445957. ICG 5071. NC AC 10033. Possible resistance to thrips. Cultivated. Seed.
445958. ICG 5143. NC AC 2278. Runner type. Possible resistance to thrips. Cultivated. Seed.
445959. ICG 7799. NC AC 2199. Possible resistance to thrips. Cultivated. Seed.

445960 TO 445971. *Oryza sativa* L. (Poaceae) Rice.

From Japan. Donated by Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Yatabe, Tsukuba 305.

Received June 1980.

445960. 'Akihikari'. Cultivated. Seed.
445961. 113905-020657. 'Fupei 69'. Cultivated. Seed.
445962. 113905-020828. 'Himenomochi'. Cultivated. Seed.
445963. 113905-020097. 'Hosogara'. Cultivated. Seed.
445964. 'Kairyoshinko'. Cultivated. Seed.
445965. 'Kairyohattannagare'. Cultivated. Seed.
445966. 113905-040678. 'Koganenishiki'. Cultivated. Seed.
445967. 113905-030008. 'Kujuu'. Cultivated. Seed.
445968. 113905-020692. 'Shimokita'. Cultivated. Seed.
445969. 113905-050068. 'Suzuhara mochi'. Cultivated. Seed.
445970. 113905-020693. 'Tatsumi mochi'. Cultivated. Seed.

445960 TO 445971-continued

445971. 'Tougemochi'. Cultivated. Seed.

445972. *Linum lewisii* Furb (Linaceae).

From United States. Donated by Aberdeen Plant Materials Center,
Soil Conservation Service, USDA, Aberdeen, Idaho.
Received August 1980.

T 8440. Collected 1967. South Dakota. Collected by A.
Plummer, U.S. Forest Service No. U7-71. Perennial herb.
Wild. Seed.

445973 TO 445974. *Secale anatolicum* Boiss. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant
Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

445973. 2D18. United States. Cultivated. Seed.

445974. 2D264. Winter annual. Cultivated. Seed.

445975 TO 445976. *Secale ancestrale* (Zhuk.) Zhuk. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant
Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

445975. 2D38. Soviet Union. Cultivated. Seed.

445976. 2D610. United States. World Rye Collection, University
of California. WRC-83. Cultivated. Seed.

445977 TO 446795. *Secale cereale* L. (Poaceae) Rye.

From Canada. Donated by J. P. Gustafson, Department of Plant
Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

445977. 2D13. French. United States. Beltsville, Maryland. USDA.
Originally from Israel. Annual. Cultivated. Seed.

445978. 2D26. O.A.C. #61 C.A.N. 1977. Canada. Ottawa. ACO.
Annual. Cultivated. Seed.

445979. 2D27. Ottawa Select C.A.N. 1962. Canada. Ottawa. ACC.
Annual. Cultivated. Seed.

445977 TO 446795-continued

445980. 2D28. #6339 CD1426 C.A.N. 1978. Canada. Ottawa. ACC. Annual. Cultivated. Seed.
445981. 2D29. #6836 CD1425 C.A.N. 1979. Canada. Ottawa. ACC. Annual. Cultivated. Seed.
445982. 2D30. Petkus C.A.N. 1983. Canada. Ottawa. ACC. Annual. Cultivated. Seed.
445983. 4D33. Dakold 4x (self-fertile). Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
445984. 4D52. Prolific 4x. Canada. Winnipeg. University of Manitoba. Annual. Cultivated. Seed.
445985. 2D53. Soviet Union. Provided by Zhukovsky. Received as var. *vivide* Vav. Winter annual. Cultivated. Seed.
445986. 2D57. Soviet Union. Provided by Zhukovsky. Received as var. *violaceum* Auts. Winter annual. Cultivated. Seed.
445987. 2D60. Branched rye. Soviet Union. Provided by Tsitsin. Winter annual. Cultivated. Seed.
445988. 4D62. Old Terschellinger. Germany, Federal Rep of. Provided by Bremer. Winter annual. Cultivated. Seed.
445989. 4D63. Lauvenum. Germany, Federal Rep of. Provided by Bremer. Winter annual. Cultivated. Seed.
445990. 4D64. Ottersum. Germany, Federal Rep of. Provided by Bremer. Resistant to eelworm. Winter annual. Cultivated. Seed.
445991. 4D65. Kreiproge. Germany, Federal Rep of. Provided by Bremer. Winter annual. Cultivated. Seed.
445992. 4D67. Brandts Marion. Germany, Federal Rep of. Provided by Bremer. Winter annual. Cultivated. Seed.
445993. 4D68. Germany, Federal Rep of. Provided by Bremer. Tetraploid. Winter annual. Cultivated. Seed.
445994. 4D69. Germany, Federal Rep of. Provided by Bremer. Tetraploid 1953 composite. Winter annual. Cultivated. Seed.
445995. 4D70. Tetra-Steel. Sweden. Provided by Muntzing. Winter annual. Cultivated. Seed.
445996. 4D71. Antelope 4x. Sweden. Provided by Ellerstrom. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

445997. 4D72. Caribou 4x. Sweden. Provided by Ellerstrom. Winter annual. Cultivated. Seed.
445998. 2D75. Rye 1. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
445999. 2D76. Rye 181. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
446000. 2D77. Dakold. Canada. Winnipeg. University of Manitoba. Self-fertile. Winter annual. Cultivated. Seed.
446001. 2D78. Dakold. Canada. Winnipeg. University of Manitoba. Self-fertile. Winter annual. Cultivated. Seed.
446002. 2D79. Petkus 2x. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
446003. 2D80. Brittle rye-1. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
446004. 2D81. Brittle rye-2. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
446005. 2D82. Prolific. Canada. Winnipeg. University of Manitoba. Self-fertile. Annual. Cultivated. Seed.
446006. 2D83. United States. Beltsville, Maryland. USDA. Composite. Annual. Cultivated. Seed.
446007. 2D114. Rosen. United States. Michigan. USDA. Winter annual. Cultivated. Seed.
446008. 2D117. O. J. Rye. Canada. Swift Current. ACSC. Annual. Cultivated. Seed.
446009. 2D120. Secale branched head. Turkey. Ankara. Cultivated. Seed.
446010. 4D121. Turkey. Ankara. Tetraploid. Cultivated. Seed.
446011. 4D122. Turkey. Ankara. Heads large. Cultivated. Seed.
446012. 4D123. Switzerland. Cultivated. Seed.
446013. 2D126. Secale 225/63. Portugal. Cultivated. Seed.
446014. 4D132. United States. Michigan. 4n Gator x 4n allopolyploid. Cultivated. Seed.
446015. 4D133. Portugal. Provided by Moto. Tetraploid. Cultivated. Seed.

445977 TO 446795-continued

446016. 4D136. United States. 4n Gator x 4n alloptetraploid (sel. #2). Cultivated. Seed.
446017. 2D137. 9D-C 1 dwarf rye. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
446018. 2D138. WR 19-7A 1. Canada. Winnipeg. University of Manitoba. Winter annual. Cultivated. Seed.
446019. 4D140. India. Provided by Anderson. Annual. Cultivated. Seed.
446020. 2D142. "Kungs". Japan. Provided by Shigenaga. "B" chromosomes. Winter annual. Cultivated. Seed.
446021. 2D146. Argentine. Mexico. Provided by Zillinsky. Cultivated. Seed.
446022. 2D161. Mexico. Provided by Zillinsky. Cultivated. Seed.
446023. 2D166. Prolific Spring. Mexico. Provided by Zillinsky. Cultivated. Seed.
446024. 2D169. Mexico. Provided by Zillinsky. Cultivated. Seed.
446025. 2D171. Balbo. Mexico. Provided by Zillinsky. Cultivated. Seed.
446026. 2D173. 42/64A. Mexico. Provided by Zillinsky. Originally from Japan. Cultivated. Seed.
446027. 2D174. Mexico. Provided by Zillinsky. Resistant to rust. Originally from New Zealand. Cultivated. Seed.
446028. 2D175. 5038-Guarda Elbas. Mexico. Provided by Zillinsky. Cultivated. Seed.
446029. 2D176. 5043 Centenio de Alto. Mexico. Provided by Zillinsky. Cultivated. Seed.
446030. 2D177. 5044 Marcode Cananazes. Mexico. Provided by Zillinsky. Cultivated. Seed.
446031. 2D178. 5053 Maia Barroso. Mexico. Provided by Zillinsky. Cultivated. Seed.
446032. 2D179. 5090 Alandroal. Mexico. Provided by Zillinsky. Cultivated. Seed.
446033. 2D180. 5058 Tempranco. Mexico. Provided by Zillinsky. Cultivated. Seed.

445977 TO 446795-continued

446034. 2D181. 5031 Porto. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446035. 2D182. 5010 Petkuser. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446036. 2D183. Portaleges. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446037. 2D184. E. Stienoz. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446038. 2D185. Guardo. Mexico. Provided by Zillinsky. Cultivated.
Seed.
446039. 2D186. Castelo de vide. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446040. 2D187. Alter Dr. Chao. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446041. 2D188. Wiens Abruzzi. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446042. 2D189. Polico. Mexico. Provided by Zillinsky. Cultivated.
Seed.
446043. 2D190. Turkey 11. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446044. 2D191. Turkey 38. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446045. 2D192. Turkey 39. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446046. 2D193. Turkey 40. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446047. 2D194. Turkey 41. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446048. 2D195. Turkey 55. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446049. 2D196. Turkey 56. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446050. 2D198. Turkey 62. Mexico. Provided by Zillinsky.
Cultivated. Seed.
446051. 2D199. Turkey 70. Mexico. Provided by Zillinsky.

445977 TO 446795-continued
Cultivated. Seed.

- 446052. 2D200. Mexico. Provided by Zillinsky. Cultivated. Seed.
- 446053. 2D201. Mexico. Provided by Zillinsky. Cultivated. Seed.
- 446054. 2D202. Mexico. Provided by Zillinsky. Cultivated. Seed.
- 446055. 2D203. 15 C-47. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446056. 2D204. 21 C-52. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446057. 2D205. 22 C-53. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446058. 2D206. 31 C-65. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446059. 2D207. 33 C-68. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446060. 2D208. 42 C-83. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446061. 2D209. 43 C-84. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446062. 2D210. 46 C-88. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446063. 2D211. 47 C-89. Mexico. Provided by Zillinsky. Annual.
Cultivated. Seed.
- 446064. 2D212. Moorroggen "Petka". Germany, Federal Rep of.
Provided by Meinel. Annual. Cultivated. Seed.
- 446065. 2D213. Winterroggen "Petka". Germany, Federal Rep of.
Provided by Meinel. Winter annual. Cultivated. Seed.
- 446066. 2D214. Sommerroggen "Petka". Germany, Federal Rep of.
Provided by Meinel. Annual. Cultivated. Seed.
- 446067. 2D215. Winterroggen "Danae". Germany, Federal Rep of.
Provided by Meinel. Winter annual. Cultivated. Seed.
- 446068. 2D216. Winterroggen:POS Grunschnittroggen. Germany,
Federal Rep of. Provided by Meinel. Winter annual.
Cultivated. Seed.
- 446069. 2D217. Gator rye (inbred) T-8135. United States.
Provided by Morey. Annual. Cultivated. Seed.

445977 TO 446795-continued

- 446070. 2D219. Gator rye (inbred) T-8244. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446071. 2D221. Gator rye (inbred) T-8362. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446072. 2D222. Gator rye (inbred) T-8405. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446073. 2D223. Gator rye (inbred) T-8449. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446074. 2D224. Gator rye (inbred) T-8473. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446075. 2D225. Gator rye (inbred) T-8538. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446076. 2D226. Gator rye (inbred) T-8586. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446077. 2D227. Gator rye (inbred) T-8610. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446078. 2D228. Gator rye (inbred) T-8695. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446079. 2D229. Gator rye (inbred) T-8741. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446080. 2D232. Brazil rye (inbred) T-9193. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446081. 2D233. Weser rye (inbred) T-9277. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446082. 2D235. Explorer rye (inbred) T-9429. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446083. 2D236. Emory rye (inbred) T-9476. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446084. 2D237. Florida Black rye (inbred) T-9492. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446085. 2D238. Kenya rye (inbred) T-9511. United States. Provided by Morey. Annual. Cultivated. Seed.
- 446086. 2D241. United States. Ebon x Gator T-9575. Provided by Morey. Inbred, reselected and selfed. Annual. Cultivated. Seed.

445977 TO 446795-continued

- 446087. 2D243. C491 69. Poland. Provided by Wolski. Self-fertile. Winter annual. Cultivated. Seed.
- 446088. 2D245. C553 69. Poland. Provided by Wolski. Self-fertile. Winter annual. Cultivated. Seed.
- 446089. 2D248. C630 69. Poland. Provided by Wolski. Self-fertile. Winter annual. Cultivated. Seed.
- 446090. 2D251. C635 69. Poland. Provided by Wolski. Self-fertile. Winter annual. Cultivated. Seed.
- 446091. 4D252. Norderas tetra. Norway. Cultivated. Seed.
- 446092. 2D253. Centeno snoopy (MV-70 dwarf). Mexico. Provided by Zillinsky. Cultivated. Seed.
- 446093. 2D256. K9693 rye. Canada. Saskatoon. University of Saskatchewan. Winter annual. Cultivated. Seed.
- 446094. 2D259. D.S.V. Poland. Winter annual. Cultivated. Seed.
- 446095. 2D262. M8 ax/67. Poland. Winter annual. Cultivated. Seed.
- 446096. 2D263. Strzekecinskie. Poland. Annual. Cultivated. Seed.
- 446097. 2D265. Nos Hochland. Poland. Winter annual. Cultivated. Seed.
- 446098. 2D266. Waiwe Tetron. Poland. Winter annual. Cultivated. Seed.
- 446099. 2D267. Waiwe. Poland. Winter annual. Cultivated. Seed.
- 446100. 2D269. Wielkopolskie. Poland. Winter annual. Cultivated. Seed.
- 446101. 2D271. Zima. Poland. Winter annual. Cultivated. Seed.
- 446102. 2D272. Vschj. Poland. Winter annual. Cultivated. Seed.
- 446103. 2D275. Veselopodoljonskaja. Poland. Winter annual. Cultivated. Seed.
- 446104. 2D276. Verzbinskaja. Poland. Winter annual. Cultivated. Seed.
- 446105. 2D277. Varne-68. Poland. Winter annual. Cultivated. Seed.
- 446106. 2D278. Kuckucks Champagner. Poland. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

446107. 2D279. Niemczinowskaja 50. Poland. Winter annual.
Cultivated. Seed.
446108. 2D280. Waldstauden. Poland. Winter annual. Cultivated.
Seed.
446109. 2D283. Viglaske. Poland. Winter annual. Cultivated. Seed.
446110. 2D284. Van Engelen Hybrid 61:1. Poland. Winter annual.
Cultivated. Seed.
446111. 2D287. Poland. Wintergrazer/Pemington. Winter annual.
Cultivated. Seed.
446112. 2D288. Woszanowskie. Poland. Winter annual. Cultivated.
Seed.
446113. 2D289. Poland. Originally from Mexico. Annual.
Cultivated. Seed.
446114. 2D291. Vjatkaz. Poland. Winter annual. Cultivated. Seed.
446115. 2D292. Van Engelen Hybrid 61:3. Poland. Winter annual.
Cultivated. Seed.
446116. 2D294. Tulunskaja Zeltozernaja. Poland. Winter annual.
Cultivated. Seed.
446117. 2D295. Toivo 03-0594. Poland. Winter annual. Cultivated.
Seed.
446118. 2D296. Miranda da Corua. Poland. Winter annual.
Cultivated. Seed.
446119. 2D297. N-362. Poland. Winter annual. Cultivated. Seed.
446120. 2D 299. Van Engelen Hybrid 61:2. Poland. Winter annual.
Cultivated. Seed.
446121. 2D300. Varneraag 03-974. Poland. Winter annual.
Cultivated. Seed.
446122. 2D302. Poland. Viatka M/Hia-6900. Winter annual.
Cultivated. Seed.
446123. 2D303. Litovskaja. Poland. Winter annual. Cultivated.
Seed.
446124. 2D304. Leningradskaja. Poland. Winter annual. Cultivated.
Seed.
446125. 2D305. Moorroggen-Petka. Poland. Winter annual.

445977 TO 446795-continued
Cultivated. Seed.

446126. 2D307. Litkinskaja. Poland. Winter annual. Cultivated. Seed.
446127. 2D308. Lituinskaja Mestnaja. Poland. Winter annual. Cultivated. Seed.
446128. 2D309. Lochows Kurzstron. Poland. Winter annual. Cultivated. Seed.
446129. 2D313. Kungsrag. Poland. Winter annual. Cultivated. Seed.
446130. 2D314. Kuckucks champagner (Stamm. 455363-2102). Poland. Winter annual. Cultivated. Seed.
446131. 2D316. Dominant 2503. Poland. Winter annual. Cultivated. Seed.
446132. 2D319. Belhjoa. Poland. Winter annual. Cultivated. Seed.
446133. 2D320. Bjorn. Poland. Winter annual. Cultivated. Seed.
446134. 2D321. Bujanova. Poland. Winter annual. Cultivated. Seed.
446135. 2D322. Bernburger Futterrögen. Poland. Winter annual. Cultivated. Seed.
446136. 2D323. Beaulieu. Poland. Winter annual. Cultivated. Seed.
446137. 2D324. Bieita. Poland. Winter annual. Cultivated. Seed.
446138. 2D325. Beregovskaja. Poland. Winter annual. Cultivated. Seed.
446139. 2D326. Brigada de Mirandela. Poland. Winter annual. Cultivated. Seed.
446140. 2D328. Baltija. Poland. Winter annual. Cultivated. Seed.
446141. 2D329. Brandts Marien. Poland. Winter annual. Cultivated. Seed.
446142. 2D330. Bezencujskaja-Zoltozernaja. Poland. Winter annual. Cultivated. Seed.
446143. 2D331. C-Z. Poland. Winter annual. Cultivated. Seed.
446144. 2D332. Centem 2831. Poland. Winter annual. Cultivated. Seed.
446145. 2D338. Charkovskaja 60. Poland. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

446146. 2D340. Charkovskaja. Poland. Winter annual. Cultivated.
Seed.
446147. 2D341. Charkovskaja 194 Mw. Poland. Winter annual.
Cultivated. Seed.
446148. 2D343. Debrenicke Krmne. Poland. Winter annual.
Cultivated. Seed.
446149. 2D351. Fin.-01122. Poland. Winter annual. Cultivated.
Seed.
446150. 2D352. Forragero Klein. Poland. Winter annual.
Cultivated. Seed.
446151. 2D353. Kastoria. Poland. Winter annual. Cultivated. Seed.
446152. 2D354. Fin. K-63. Poland. Winter annual. Cultivated.
Seed.
446153. 2D355. Friedrichswerlter. Poland. Winter annual.
Cultivated. Seed.
446154. 2D356. Guarda 5038. Poland. Winter annual. Cultivated.
Seed.
446155. 2D358. Gulzower. Poland. Winter annual. Cultivated. Seed.
446156. 2D359. Gulzower St. 1713/65. Poland. Winter annual.
Cultivated. Seed.
446157. 2D360. Harrach 51/49; 5038. Poland. Winter annual.
Cultivated. Seed.
446158. 2D361. Hadmerslebener. Poland. Winter annual. Cultivated.
Seed.
446159. 2D362. Harrach Universal. Poland. Winter annual.
Cultivated. Seed.
446160. 2D366. Hadmersledbenerst 521/49. Poland. Winter annual.
Cultivated. Seed.
446161. 2D367. Hadmersledbenerst 521/48. Poland. Winter annual.
Cultivated. Seed.
446162. 2D368. Halle. Poland. Resistant to rust. Winter annual.
Cultivated. Seed.
446163. 2D369. Halle. Poland. Resistant to rust and powdery
mildew. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

446164. 2D370. JC-090. Poland. Winter annual. Cultivated. Seed.
446165. 2D371. Jygewa. Poland. Winter annual. Cultivated. Seed.
446166. 2D372. Jogo. Poland. Winter annual. Cultivated. Seed.
446167. 2D374. Rzskinskaja. Poland. Winter annual. Cultivated. Seed.
446168. 2D375. Stendskaja. Poland. Winter annual. Cultivated. Seed.
446169. 2D376. Stalarg. Poland. Winter annual. Cultivated. Seed.
446170. 2D377. Sadova No. 19. Poland. Winter annual. Cultivated. Seed.
446171. 2D378. Swift Current Sask. Poland. Winter annual. Cultivated. Seed.
446172. 2D379. Salzunder Stamm 2058. Poland. Winter annual. Cultivated. Seed.
446173. 2D380. Porto 5031. Poland. Winter annual. Cultivated. Seed.
446174. 2D382. Saratowskaja Jrupnozernaja. Poland. Winter annual. Cultivated. Seed.
446175. 2D383. Sitnikovskaja. Poland. Winter annual. Cultivated. Seed.
446176. 2D384. Schlagler 1. Poland. Winter annual. Cultivated. Seed.
446177. 2D386. Swift Current Sask. Poland. Winter annual. Cultivated. Seed.
446178. 2D390. Stal. Poland. Winter annual. Cultivated. Seed.
446179. 2D392. Nemginovskaja. Poland. Winter annual. Cultivated. Seed.
446180. 2D393. Nomoro Winterrogen. Poland. Winter annual. Cultivated. Seed.
446181. 2D396. Priekulskaja. Poland. Winter annual. Cultivated. Seed.
446182. 2D398. Petkuser kurzstroh. Poland. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

446183. 2D400. Petka 03-057 H. Poland. Winter annual. Cultivated. Seed.
446184. 2D401. Partizanskaja. Poland. Winter annual. Cultivated. Seed.
446185. 2D402. Kortowo. Poland. Winter annual. Cultivated. Seed.
446186. 2D403. Kazanskaja. Poland. Winter annual. Cultivated. Seed.
446187. 2D404. Perl. Poland. Winter annual. Cultivated. Seed.
446188. 2D405. Pekka-03-056. Poland. Winter annual. Cultivated. Seed.
446189. 2D406. Petkuskie. Poland. Winter annual. Cultivated. Seed.
446190. 2D408. P.O.S. Tetragriin. Poland. Winter annual. Cultivated. Seed.
446191. 2D409. Petka Winterroggen. Poland. Winter annual. Cultivated. Seed.
446192. 2D411. Onni. Poland. Winter annual. Cultivated. Seed.
446193. 2D412. Kuckucks Champagner. Poland. Winter annual. Cultivated. Seed.
446194. 2D418. Kratkostebelne. Poland. Winter annual. Cultivated. Seed.
446195. 2D419. Gremio da Lavoura de Felqueiras. Poland. Winter annual. Cultivated. Seed.
446196. 2D428. Emory. United States. Provided by Barnett. Annual. Cultivated. Seed.
446197. 2D430. Turkey. United States. Provided by Barnett. Annual. Cultivated. Seed.
446198. 2D436. Wellgenallen. United States. Provided by Barnett. Annual. Cultivated. Seed.
446199. 2D439. United States. Gator 54-1-1 x Wrens. Provided by Barnett. Annual. Cultivated. Seed.
446200. 2D440. United States. Gator 212-3-3 x Wrens. Provided by Barnett. Annual. Cultivated. Seed.
446201. 2D442. Samro. Germany, Federal Rep of. Annual.

445977 TO 446795-continued
Cultivated. Seed.

446202. 2D443. Kuckuck (75-356). Germany, Federal Rep of. Winter annual. Cultivated. Seed.
446203. 2D444. Kuckuck (75-354). Germany, Federal Rep of. Winter annual. Cultivated. Seed.
446204. 2D445. Kuckuck (75-349). Germany, Federal Rep of. Winter annual. Cultivated. Seed.
446205. 2D446. Kungs II rye-elite 1974. Sweden. Provided by Merker. Winter annual. Cultivated. Seed.
446206. 2D447. Otello rye elite 1974. Sweden. Provided by Merker. Winter annual. Cultivated. Seed.
446207. 2D448. Kuckuck (75-343). Sweden. Provided by Merker. Winter annual. Cultivated. Seed.
446208. 2D454. Amino. Netherlands. Winter annual. Cultivated. Seed.
446209. 2D459. Charkowskie 55. Soviet Union. Winter annual. Cultivated. Seed.
446210. 2D460. Charkowskie 60. Soviet Union. Winter annual. Cultivated. Seed.
446211. 2D462. Echo Kurz. Austria. Winter annual. Cultivated. Seed.
446212. 2D463. Secale 500. Italy. Winter annual. Cultivated. Seed.
446213. 2D466. Feniks. Belgium. Winter annual. Cultivated. Seed.
446214. 2D489. Krzyca Putawska. Poland. Winter annual. Cultivated. Seed.
446215. 2D490. 'Kortowo'. Poland. Winter annual. Cultivated. Seed.
446216. 2D493. Tetra Gorzow. Poland. Winter annual. Cultivated. Seed.
446217. 2D497. Wielkopolskie. Poland. Winter annual. Cultivated. Seed.
446218. 2D499. Pastewne Pozne. Poland. Winter annual. Cultivated. Seed.
446219. 2D501. Tetra Zielone. Poland. Winter annual. Cultivated.

445977 TO 446795-continued
Seed.

446220. 2D503. Pulawskie Zielone. Poland. Winter annual.
Cultivated. Seed.
446221. 2D504. Diplo Ludowe 298/6. Poland. Winter annual.
Cultivated. Seed.
446222. 2D506. Biate I. Poland. Winter annual. Cultivated. Seed.
446223. 2D508. Smolickie Dtugoziarniste. Poland. Winter annual.
Cultivated. Seed.
446224. 2D516. 75-343 Kuckuck. Germany, Federal Rep of. Winter
annual. Cultivated. Seed.
446225. 2D517. 75-349 Kuckuck. Germany, Federal Rep of. Winter
annual. Cultivated. Seed.
446226. 2D519. 75-356 Kuckuck. Germany, Federal Rep of. Winter
annual. Cultivated. Seed.
446227. 2D520. Kungs II - rye. Sweden. Provided by Merker.
Winter annual. Cultivated. Seed.
446228. 2D523. Samzo. Canada. Winnipeg. University of Manitoba.
Annual. Cultivated. Seed.
446229. 2D524. High protein rye 95-3. Canada. Winnipeg.
University of Manitoba. Annual. Cultivated. Seed.
446230. 2D525. High protein rye 135-3. Canada. Winnipeg.
University of Manitoba. Annual. Cultivated. Seed.
446231. 2D526. High protein rye 139-3. Canada. Winnipeg.
University of Manitoba. Annual. Cultivated. Seed.
446232. 2D527. High protein rye 136-2. Canada. Winnipeg.
University of Manitoba. Annual. Cultivated. Seed.
446233. 2D528. Winter Rye (N20) waxless. Soviet Union. Leningrad.
Winter annual. Cultivated. Seed.
446234. 2D529. Rawlbult. Soviet Union. Leningrad. Leaf base
white. Anthocyaninless. Winter annual. Cultivated. Seed.
446235. 2D530. Winter Rye - liguloess. Soviet Union. Leningrad.
Winter annual. Cultivated. Seed.
446236. 2D531. Winter Rye - compactum. Soviet Union. Leningrad.
Winter annual. Cultivated. Seed.
446237. 2D532. Winter Rye - monstrosum. Soviet Union. Leningrad.

445977 TO 446795-continued

- Winter annual. Cultivated. Seed.
446238. 2D533. Winter rye. Soviet Union. Leningrad. Stems and spikes branched. Winter annual. Cultivated. Seed.
446239. 2D534. Spring rye. Soviet Union. Leningrad. Plants virescent. Annual. Cultivated. Seed.
446240. 2D535. Winter Rye R+ Cl+. Soviet Union. Leningrad. Auricles red. Winter annual. Cultivated. Seed.
446241. 2D537. Brasov 610-62. United States. World Rye Collection, University of California. WRC-2. Annual. Cultivated. Seed.
446242. 2D538. Brasov 227-62. United States. World Rye Collection, University of California. WRC-3. Annual. Cultivated. Seed.
446243. 2D539. Brasov 200-N. United States. World Rye Collection, University of California. WRC-4. Annual. Cultivated. Seed.
446244. 2D544. Petkus Foundulea. United States. World Rye Collection, University of California. WRC-10. Annual. Cultivated. Seed.
446245. 4D546. Rogan Foundulea. United States. World Rye Collection, University of California. WRC-12. Tetraploid. Annual. Cultivated. Seed.
446246. 2D547. Marrach W. United States. World Rye Collection, University of California. WRC-13. Annual. Cultivated. Seed.
446247. 2D552. Deustcher Ringrogen. United States. World Rye Collection, University of California. WRC-18. Cultivated. Seed.
446248. 2D553. Heklenburgen. United States. World Rye Collection, University of California. WRC-20. Cultivated. Seed.
446249. 2D555. Kartuer I. United States. World Rye Collection, University of California. WRC-22. Cultivated. Seed.
446250. 2D558. Hadru Helkorn I. United States. World Rye Collection, University of California. WRC-25. Cultivated. Seed.
446251. 2D559. Hadru stamru 514-48. United States. World Rye Collectich, University of California. WRC-26. Cultivated. Seed.

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446252. 2D560. Hadru stamru 529-48. United States. World Rye Collection, University of California. WRC-27. Cultivated. Seed.
446253. 2D562. Kefer Markter. United States. World Rye Collection, University of California. WRC-29. Cultivated. Seed.
446254. 2D577. Petkuser Kurezstroh. United States. World Rye Collection, University of California. WRC-50. Cultivated. Seed.
446255. 2D580. W. Roger Edelhofer Neu. United States. World Rye Collection, University of California. WRC-53. Cultivated. Seed.
446256. 2D581. W. Roger Schlagler. United States. World Rye Collection, University of California. WRC-54. Cultivated. Seed.
446257. 2D583. W. Roggen Kaintmer. United States. World Rye Collection, University of California. WRC-56. Cultivated. Seed.
446258. 2D585. W. Roggen Petroneller Tyrnaver. United States. World Rye Collection, University of California. WRC-58. Cultivated. Seed.
446259. 2D595. F.G.P. 21. United States. World Rye Collection, University of California. WRC-68. Cultivated. Seed.
446260. 2D598. Insnacht 7. United States. World Rye Collection, University of California. WRC-71. Tetraploid. Cultivated. Seed.
446261. 2D599. Insnacht I. United States. World Rye Collection, University of California. WRC-72. Cultivated. Seed.
446262. 2D605. United States. World Rye Collection, University of California. WRC-78. Cultivated. Seed.
446263. 2D617. Dwarf "Rye" Winter type. United States. World Rye Collection, University of California. WRC-90. Cultivated. Seed.
446264. 2D618. SF PD-1. United States. World Rye Collection, University of California. WRC-91. Cultivated. Seed.
446265. 2D621. 03-004 Ratborske. United States. World Rye Collection, University of California. WRC-94. Cultivated. Seed.

445977 TO 446795-continued

446266. 2D624. 03-011 Pabrenicke Kyune. United States. World Rye Collection, University of California. WRC-97. Cultivated. Seed.
446267. 2D627. United States. World Rye Collection, University of California. WRC-100. Cultivated. Seed.
446268. 2D630. United States. World Rye Collection, University of California. WRC-103. Cultivated. Seed.
446269. 2D637. United States. World Rye Collection, University of California. WRC-110. Cultivated. Seed.
446270. 2D638. United States. World Rye Collection, University of California. WRC-111. Cultivated. Seed.
446271. 2D639. United States. World Rye Collection, University of California. WRC-112. Cultivated. Seed.
446272. 2D642. United States. World Rye Collection, University of California. WRC-115. Cultivated. Seed.
446273. 2D643. United States. World Rye Collection, University of California. WRC-116. Cultivated. Seed.
446274. 2D644. United States. World Rye Collection, University of California. WRC-117. Cultivated. Seed.
446275. 2D645. United States. World Rye Collection, University of California. WRC-118. Cultivated. Seed.
446276. 2D648. United States. World Rye Collection, University of California. WRC-121. Cultivated. Seed.
446277. 2D649. United States. World Rye Collection, University of California. WRC-122. Cultivated. Seed.
446278. 2D651. United States. World Rye Collection, University of California. WRC-124. Cultivated. Seed.
446279. 2D652. United States. World Rye Collection, University of California. WRC-125. Cultivated. Seed.
446280. 2D653. United States. World Rye Collection, University of California. WRC-126. Cultivated. Seed.
446281. 2D654. United States. World Rye Collection, University of California. WRC-127. Cultivated. Seed.
446282. 2D655. United States. World Rye Collection, University of California. WRC-128. Cultivated. Seed.

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- 446283. 2D656. United States. World Rye Collection, University of California. WRC-129. Cultivated. Seed.
- 446284. 2D657. United States. World Rye Collection, University of California. WRC-130. Cultivated. Seed.
- 446285. 2D658. United States. World Rye Collection, University of California. WRC-131. Cultivated. Seed.
- 446286. 2D659. United States. World Rye Collection, University of California. WRC-132. Cultivated. Seed.
- 446287. 2D661. United States. World Rye Collection, University of California. WRC-134. Cultivated. Seed.
- 446288. 2D662. United States. World Rye Collection, University of California. WRC-135. Cultivated. Seed.
- 446289. 2D663. United States. World Rye Collection, University of California. WRC-136. Cultivated. Seed.
- 446290. 2D667. United States. World Rye Collection, University of California. WRC-140. Cultivated. Seed.
- 446291. 2D672. United States. World Rye Collection, University of California. WRC-145. Cultivated. Seed.
- 446292. 2D674. United States. World Rye Collection, University of California. WRC-147. Cultivated. Seed.
- 446293. 2D675. United States. World Rye Collection, University of California. WRC-148. Cultivated. Seed.
- 446294. 2D676. United States. World Rye Collection, University of California. WRC-149. Cultivated. Seed.
- 446295. 2D677. United States. World Rye Collection, University of California. WRC-150. Cultivated. Seed.
- 446296. 2D679. United States. World Rye Collection, University of California. WRC-152. Cultivated. Seed.
- 446297. 2D680. United States. World Rye Collection, University of California. WRC-153. Cultivated. Seed.
- 446298. 2D681. United States. World Rye Collection, University of California. WRC-154. Cultivated. Seed.
- 446299. 2D685. United States. World Rye Collection, University of California. WRC-159. Cultivated. Seed.
- 446300. 2D686. United States. World Rye Collection, University

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- of California. WRC-160. Cultivated. Seed.
446301. 2D687. United States. World Rye Collection, University of California. WRC-161. Cultivated. Seed.
446302. 2D689. United States. World Rye Collection, University of California. WRC-163. Cultivated. Seed.
446303. 2D690. United States. World Rye Collection, University of California. WRC-164. Cultivated. Seed.
446304. 2D691. United States. World Rye Collection, University of California. WRC-165. Cultivated. Seed.
446305. 2D692. United States. World Rye Collection, University of California. WRC-166. Cultivated. Seed.
446306. 2D693. United States. World Rye Collection, University of California. WRC-167. Cultivated. Seed.
446307. 2D694. United States. World Rye Collection, University of California. WRC-168. Cultivated. Seed.
446308. 2D695. United States. World Rye Collection, University of California. WRC-169. Cultivated. Seed.
446309. 2D696. United States. World Rye Collection, University of California. WRC-170. Cultivated. Seed.
446310. 2D697. United States. World Rye Collection, University of California. WRC-171. Cultivated. Seed.
446311. 2D701. Olterbaker. United States. World Rye Collection, University of California. WRC-175. Cultivated. Seed.
446312. 2D704. USDA-96-8. United States. World Rye Collection, University of California. WRC-178. Cultivated. Seed.
446313. 2D706. Varne Ser. No. 42977. United States. World Rye Collection, University of California. WRC-181. Cultivated. Seed.
446314. 2D708. King II Ser. No. 42974. United States. World Rye Collection, University of California. WRC-183. Cultivated. Seed.
446315. 2D715. United States. World Rye Collection, University of California. WRC-190. Cultivated. Seed.
446316. 2D716. NIAB Rye. United States. World Rye Collection, University of California. WRC-191. Cultivated. Seed.
446317. 2D717. 'Turkestan'. United States. World Rye Collection,

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- University of California. WRC-192. Obtained from New Jersey. Cultivated. Seed.
446318. 2D718. Fairbanks Composite. United States. World Rye Collection, University of California. WRC-193. Winter annual. Cultivated. Seed.
446319. 2D725. Seigle Russe. United States. World Rye Collection, University of California. WRC-200. Cultivated. Seed.
446320. 2D727. Seigle Tempete. United States. World Rye Collection, University of California. WRC-202. Cultivated. Seed.
446321. 2D728. Seigle Bolsumov 17. United States. World Rye Collection, University of California. WRC-203. Cultivated. Seed.
446322. 2D729. Seigle Amellore D'Ecido. United States. World Rye Collection, University of California. WRC-204. Cultivated. Seed.
446323. 2D731. Iori apajadelske. United States. World Rye Collection, University of California. WRC-206. Cultivated. Seed.
446324. 2D735. Valtieke. United States. World Rye Collection, University of California. WRC-210. Cultivated. Seed.
446325. 2D739. Ischermaks Veredalter Marditel. United States. World Rye Collection, University of California. WRC-214. Cultivated. Seed.
446326. 2D740. Sumarske 1-3-133-3. United States. World Rye Collection, University of California. WRC-215. Cultivated. Seed.
446327. 2D742. NR-59. United States. World Rye Collection, University of California. WRC-217. Cultivated. Seed.
446328. 2D746. Idelboter. United States. World Rye Collection, University of California. WRC-221. Cultivated. Seed.
446329. 2D747. Petroueller Tyrahaver Abraham. United States. World Rye Collection, University of California. WRC-222. Cultivated. Seed.
446330. 2D754. Zeuit. United States. World Rye Collection, University of California. WRC-229. Cultivated. Seed.
446331. 2D758. N.R. 019. United States. World Rye Collection, University of California. WRC-233. Cultivated. Seed.

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446332. 2D761. Kasimierskie. United States. World Rye Collection, University of California. WRC-236. Cultivated. Seed.
446333. 2D767. Dominant Winter Rye. United States. World Rye Collection, University of California. WRC-242. Winter annual. Cultivated. Seed.
446334. 2D768. 5-SL-16. United States. World Rye Collection, University of California. WRC-243. Cultivated. Seed.
446335. 2D769. 5-SC-12. United States. World Rye Collection, University of California. WRC-244. Cultivated. Seed.
446336. 2D770. 5-SC-13. United States. World Rye Collection, University of California. WRC-245. Cultivated. Seed.
446337. 2D771. 5-SC-12. United States. World Rye Collection, University of California. WRC-246. Cultivated. Seed.
446338. 2D772. 5-SC-18. United States. World Rye Collection, University of California. WRC-247. Cultivated. Seed.
446339. 2D785. Irlanda II. United States. World Rye Collection, University of California. WRC-260. Cultivated. Seed.
446340. 2D792. 5026 Brigada a/c Miraudela. United States. World Rye Collection, University of California. WRC-267. Cultivated. Seed.
446341. 2D798. Priekulskaja. United States. World Rye Collection, University of California. WRC-273. Cultivated. Seed.
446342. 2D801. Dolnz Kaja. United States. World Rye Collection, University of California. WRC-276. Cultivated. Seed.
446343. 2D802. Beseneviusraja Zettoz Bruaja. United States. World Rye Collection, University of California. WRC-277. Cultivated. Seed.
446344. 2D804. Lygenallx. United States. World Rye Collection, University of California. WRC-280. Cultivated. Seed.
446345. 2D805. Sitnikovskaja. United States. World Rye Collection, University of California. WRC-281. Cultivated. Seed.
446346. 2D807. Odiuskaja. United States. World Rye Collection, University of California. WRC-283. Cultivated. Seed.
446347. 2D809. Lysicicyna. United States. World Rye Collection,

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- University of California. WRC-285. Cultivated. Seed.
446348. 2D810. Kisgizskaja I. United States. World Rye Collection, University of California. WRC-286. Cultivated. Seed.
446349. 2D814. Pastewne Pozne. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446350. 2D815. N 362. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446351. 2D816. Hankkija 6903. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446352. 2D817. Litovskaja 3. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446353. 2D819. Poland. Vjatka M/Hja 6900. Provided by Radzikow. Winter annual. Cultivated. Seed.
446354. 2D822. Kastoria. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446355. 2D823. Kortowo. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446356. 2D824. Kazanskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446357. 2D825. Kuckucks Ernte 1/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446358. 2D827. Lituinskaja mestnaia. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446359. 2D829. Kuckucks Champagner St. 4955632102. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446360. 2D832. Litovskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446361. 2D833. Varne 68. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446362. 2D834. Porto 5031. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446363. 2D836. Harrach 51/63. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446364. 2D837. Nimczinovskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.

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446365. 2D838. Hankkija 6901. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446366. 2D840. Lozen 14. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446367. 2D841. Lochows Kurztroh. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446368. 2D843. Landroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446369. 2D847. Poland. Provided by Radzikow. Originally from Swift Current, Sask., Canada. Winter annual. Cultivated. Seed.
446370. 2D848. Zima. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446371. 2D849. Bernburger Tetraroggen/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446372. 2D850. Litkinskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446373. 2D851. Niskostiebielnaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446374. 2D852. Mongolskie. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446375. 2D853. Saratovskaja Krupnozernaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446376. 2D854. Smolickie dlugoziarniste. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446377. 2D857. Toivo 03 069 H. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446378. 2D859. Tulunskaja zeltozernaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446379. 2D861. Lvovskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446380. 2D862. Sitnikowakaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446381. 2D865. Kuckucks KN. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.

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446382. 2D866. Kuckucks Riesengebirgs Landroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446383. 2D867. Kungsrag. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446384. 2D868. Kungs. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446385. 2D871. Kuckucks Inzuchtroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446386. 2D872. Kuckucks Erzgebirgescher Inzuchtroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446387. 2D873. Kuckucks Champagner St. 4431/53. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446388. 2D874. Kuckucks Champagner St. 4431632107. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446389. 2D875. Kuckucks Champagner St. 4555632102. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446390. 2D876. Rod 272-Start. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446391. 2D878. Belta/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446392. 2D880. Wisa. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446393. 2D881. Wierzbienskie. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446394. 2D882. Wintergrazer/Pemington. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446395. 2D884. Waldstauden. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446396. 2D885. Tetra Everest/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446397. 2D886. Wasa II 1880. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446398. 2D887. Bieita/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446399. 2D891. Huszaj. Poland. Provided by Radzikow. Winter

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- annual. Cultivated. Seed.
446400. 2D892. Dublestal/tetra. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446401. 2D893. Finnischer/tetra. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446402. 2D894. Vaive tetron/tetra. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446403. 2D895. Vadetra/tetra. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446404. 2D896. Tetra Gorzow/tetra. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446405. 2D898. Muhlenviertler Landsorte. Poland. Provided by
Radzikow. Winter annual. Cultivated. Seed.
446406. 2D899. Miranda do Corua. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446407. 2D900. Mooroggen Petka. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446408. 2D901. Niemczinovskaja 56. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446409. 2D902. NM 50. Poland. Provided by Radzikow. Winter
annual. Cultivated. Seed.
446410. 2D903. Nemginocskaja 56. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446411. 2D904. NOS Hochland. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446412. 2D905. Nord Champagner. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446413. 2D906. Novozybkowskaja 4. Poland. Provided by Radzikow.
Winter annual. Cultivated. Seed.
446414. 2D908. Odesskaja 1. Poland. Provided by Radzikow. Winter
annual. Cultivated. Seed.
446415. 2D909. Salzmunder. Poland. Provided by Radzikow. Winter
annual. Cultivated. Seed.
446416. 2D910. Stal/tetra. Poland. Provided by Radzikow. Winter
annual. Cultivated. Seed.

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446417. 2D911. Sopronyhorpasci/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446418. 2D912. POS Tetragrun/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446419. 2D913. Norsk-Grarug/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446420. 2D914. Bujanowa. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446421. 2D915. Castelo do Alto 5043. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446422. 2D917. Charkovskaja 194 MW. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446423. 2D920. Guarda 5038. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446424. 2D921. Gremio da Lovoura de Felgueiros. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446425. 2D922. Gulzower 1713/65. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446426. 2D923. GFW/sam.Prof.Jenkisa. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446427. 2D924. Forragero Klein. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446428. 2D925. Deutscher Ringroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446429. 2D926. Halle. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446430. 2D927. Detenicke Kratkostebelneg. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446431. 2D928. Roemers Riesengebirgs roggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446432. 2D929. Rzaksinskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446433. 2D930. Sadova. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446434. 2D931. Bjorn. Poland. Provided by Radzikow. Winter

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- annual. Cultivated. Seed.
446435. 2D932. Bezencukskaja zekzozermajja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446436. 2D933. Beregovskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446437. 2D934. Krzyca Pulawska. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446438. 2D935. Halle. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446439. 2D936. Dzika wieloletnia. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446440. 2D937. Debrett. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446441. 2D938. Diplo Ludowe 228/6. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446442. 2D939. Esto. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446443. 2D940. Harrach Uniwersal. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446444. 2D942. Heines Hellkorn. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446445. 2D943. Castelo Branco. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446446. 2D944. Golskie. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446447. 2D946. Hadmerslebener Hellkorn I. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446448. 2D947. Hadmerslebener Hellkorn II. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446449. 2D948. Hadmerslebener St. 521/48. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446450. 2D949. Hania. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446451. 2D950. Baltija. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.

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446452. 2D951. AB 3. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446453. 2D955. Barroso 5040. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446454. 2D956. B II. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446455. 2D957. Orlovskij hibrid. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446456. 2D961. Friedrichswerther P 10. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446457. 2D964. Brigada de Mirandela. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446458. 2D966. Dominant 2503. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446459. 2D967. Diplo Ludowe 229/1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446460. 2D968. Diplo Ludowe 228/1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446461. 2D969. Saratowskaja 03 085 H. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446462. 2D970. Estacao Agraria de Viseu. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446463. 2D971. Hessdorfer Johannis. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446464. 2D972. Ponskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446465. 2D973. Kefermarkter/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446466. 2D974. Kungs II/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446467. 2D975. Leningradskaja/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446468. 2D976. Zitkinskaja Mestnaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446469. 2D977. Loosdorfer/tetra. Poland. Provided by Radzikow.

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- Winter annual. Cultivated. Seed.
446470. 2D979. Sadova No. 19. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446471. 2D980. Roemers Erzgebirgsroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446472. 2D981. Roemers Emsroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446473. 2D983. Fin K 63. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446474. 2D984. Fin 01122 Sampo. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446475. 2D989. Crysanth Hanserroggen 5061. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446476. 2D990. Charkovskaja 194. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446477. 2D994. Priekulskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446478. 2D995. POS Gruschnittroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446479. 2D996. Perl. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446480. 2D997. Pekka 03-56. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446481. 2D1000. Partizanskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446482. 2D1003. Friedrichswerther. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446483. 2D1005. Finnischer Landroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446484. 2D1007. C-2. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446485. 2D1008. Burunaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446486. 2D1010. Brandts Marian. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.

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446487. 2D1012. Friedrichswerther. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446488. 2D1013. Friedrichswerther St. 4461/67. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446489. 2D1017. Otello 68. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446490. 2D1018. Onni. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446491. 2D1022. Nomaro/Winterroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446492. 2D1023. Petkuser Kurzstroh. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446493. 2D1024. Petkus St. 8021/66. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446494. 2D1025. Petkus St. 3006/67. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446495. 2D1026. Petkus S. 2165/64. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446496. 2D1027. Petkuskie. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446497. 2D1028. Petkus II. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446498. 2D1029. Dobrenicke Krmne. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446499. 2D1032. Dominant/CAN2841. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446500. 2D1033. PKP 20. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446501. 2D1034. Petroneller Tyrnauer. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446502. 2D1035. Jo 090. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446503. 2D1036. Jogo. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446504. 2D1037. Jygeva. Poland. Provided by Radzikow. Winter

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- annual. Cultivated. Seed.
446505. 2D1038. Gulzower. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446506. 2D1039. Kamalinskaja 4. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446507. 2D1043. Karlik Moskiewski. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446508. 2D1044. Kamalinskaja 13. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446509. 2D1045. Borkowskie Tetra/tetra. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446510. 2D1046. Petkuser Morroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446511. 2D1047. Sararovskaja 1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446512. 2D1048. K 10. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446513. 2D1049. Jygeva Auslese. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446514. 2D1051. Jygeva 2. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446515. 2D1052. Kecskemeti h. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446516. 2D1053. Kijewskaja 2. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446517. 2D1055. Kirgizskaja 1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446518. 2D1056. Kuckucks Champagner. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446519. 2D1057. Kuckucks Champagner St. 4555/63. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446520. 2D1058. Kolarovka 2. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446521. 2D1059. Kolarovka 1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.

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446522. 2D1060. Valticke. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446523. 2D1061. Tschernaks Veredelter Marchfelder. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446524. 2D1062. Beniakovskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446525. 2D1063. Petka Winterroggen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446526. 2D1064. Zitomirskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446527. 2D1066. Cao II. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446528. 2D1067. Petka 03-057 H. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446529. 2D1068. Varmeraage 03 974 H. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446530. 2D1070. Van Engelen Hybrid 61:1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446531. 2D1071. Van Engelen Hybrid 61:2. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446532. 2D1072. Van Engelen Hybrid 61:3. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446533. 2D1073. Vaive. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446534. 2D1074. Vjatka H. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446535. 2D1075. Gulzower St. 1713/69. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446536. 2D1077. Viglasske. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446537. 2D1078. Vjatka. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446538. 2D1080. Verzbinskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446539. 2D1083. Stalrag. Poland. Provided by Radzikow. Winter

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- annual. Cultivated. Seed.
446540. 2D1084. Spasskaja mestnaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446541. 2D1085. Seigle CF-1. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446542. 2D1087. Poland. Provided by Radzikow. Originally from Swift Current, Sask., Canada. Winter annual. Cultivated. Seed.
446543. 2D1088. St. 1969/z Nossen. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446544. 2D1089. Stupicke S II. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446545. 2D1091. Tschermaks. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446546. 2D1095. Tarascanskaja 2. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446547. 2D1097. Svalofs Urm 60/703. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446548. 2D1099. Candar. Poland. Winter annual. Cultivated. Seed.
446549. 2D1100. Cavdar. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446550. 2D1101. Centem 2831. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446551. 2D1104. Charkovskaja. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446552. 2D1105. Charovskaja 55. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446553. 2D1106. Charovskaja 60. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446554. 2D1107. Zielonkawe Dankowskie. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446555. 2D1108. Vschy. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.
446556. 2D1109. Voima. Poland. Provided by Radzikow. Winter annual. Cultivated. Seed.

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446557. 2D1110. Dologoletniaja. Poland. Provided by Fadzikow. Winter annual. Cultivated. Seed.
446558. 2D1113. Kortowskie. Poland. Winter annual. Cultivated. Seed.
446559. 2D1115. Kambajnajn. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446560. 2D1116. Kolarovka 2. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446561. 2D1117. Sitnikovskaja. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446562. 2D1118. Verzbinskaja. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446563. 2D1119. Burunaja. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446564. 2D1120. Kamalinskaja 4. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446565. 2D1121. Kirgizskaja 1. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446566. 2D1122. Charkovskaja 60. Czechoslovakia. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446567. 2D1123. Rzakinskaja. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446568. 2D1124. Manyckaja C3-260h. Czechoslovakia. Kromeriz. Research Institute of Cereal Crops. Annual. Cultivated. Seed.
446569. 2D1126. Poland. A D4 MS Pampa Ms x S12 L606 C599/4 502. Annual. Cultivated. Seed.
446570. 2D1127. A D4 MF S12 L606 C599 Sterility Maintainer 502. Poland. Annual. Cultivated. Seed.
446571. 2D1128. T77/6. Poland. Source of dwarfness "Bolgarian Local" heterozygote. Annual. Cultivated. Seed.
446572. 2D1129. L-300/69-1 zb.77r. Poland. Annual. Cultivated. Seed.

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446573. 2D1130. I-300/69 zb.77r. Poland. Annual. Cultivated. Seed.
446574. 2D1131. Nr.33285/71 tureckie. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446575. 2D1132. Nr.32908/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446576. 2D1133. Nr.26402/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446577. 2D1134. Nr.32756/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446578. 2D1135. K 77 Smolice. Poland. Annual. Cultivated. Seed.
446579. 2D1136. S-26-1 zb.77r. Poland. Annual. Cultivated. Seed.
446580. 2D1137. Nr.31775/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446581. 2D1138. Nr.26360/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446582. 2D1139. Nr.26619/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446583. 2D1140. Nr.33313/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Annual. Cultivated. Seed.
446584. 2D1141. Nr.33267/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446585. 2D1142. Nr.26507/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446586. 2D1143. Nr.26523/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446587. 2D1144. Nr.31811/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446588. 2D1145. Nr.31911/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446589. 2D1146. Nr.26499/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446590. 2D1147. Nr.26786/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.

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446591. 2D1148. Nr.26731/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446592. 2D1149. Nr.31936/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446593. 2D1150. Nr.31996/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446594. 2D1151. Nr.31817/70 tureckie zb. 75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446595. 2D1152. Nr.32094/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446596. 2D1153. Nr.32935/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446597. 2D1154. Nr.26344/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446598. 2D1155. Nr.26317/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446599. 2D1156. Nr.15525/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446600. 2D1157. Nr.32165/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446601. 2D1158. Nr.32109/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446602. 2D1159. Nr.33457/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446603. 2D1160. Nr.31957/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446604. 2D1161. Nr.32032/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446605. 2D1162. Nr.12365/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446606. 2D1163. Nr.32672/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446607. 2D1164. Nr.32667/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446608. 2D1165. Nr.32025/70 tureckie zb.75r. Turkey. Received in

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- Canada from Poland. Winter annual. Cultivated. Seed.
446609. 2D1166. Nr.26711/68 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446610. 2D1167. Nr.26518/68 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446611. 2D1168. Nr.26354/68 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446612. 2D1169. Nr.33418/71 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446613. 2D1170. Nr.33453/71 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446614. 2D1171. Nr.32044/70 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446615. 2D1172. Nr.26434/68 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446616. 2D1173. Nr.32677/71 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446617. 2D1174. Nr.32128/70 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446618. 2D1175. Nr.32861/71 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446619. 2D1176. Nr.26329/68 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446620. 2D1177. Nr.32030/70 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446621. 2D1178. Nr.32822/71 tureckie. Turkey. Received in Canada
from Poland. Winter annual. Cultivated. Seed.
446622. 2D1179. Nr.15563/67 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446623. 2D1180. Nr.32075/70 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446624. 2D1181. Nr.26421/68 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.
446625. 2D1182. Nr.31969/70 tureckie zb.75r. Turkey. Received in
Canada from Poland. Winter annual. Cultivated. Seed.

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446626. 2D1183. Nr.32835/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446627. 2D1184. Nr.32923/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446628. 2D1185. Nr.15588/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446629. 2D1186. Nr.15556/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446630. 2D1187. Nr.15579/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446631. 2D1188. Nr.26451/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446632. 2D1189. Nr.32012/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446633. 2D1190. Nr.33530/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446634. 2D1191. Nr.33497/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446635. 2D1192. Nr.32826/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446636. 2D1193. Nr.32799/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446637. 2D1194. Nr.33299/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446638. 2D1195. Nr.26407/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446639. 2D1196. Nr.33111/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446640. 2D1197. Nr.31873/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446641. 2D1198. Nr.32016/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446642. 2D1199. Nr.32160/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446643. 2D1200. Nr.32008/70 tureckie zb.75r. Turkey. Received in

445977 TO 446795-continued

- Canada from Poland. Winter annual. Cultivated. Seed.
446644. 2D1201. Nr.33307/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446645. 2D1202. Nr.32915/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446646. 2D1203. nr.32049/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446647. 2D1204. Nr.26375/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446648. 2D1205. nr.26379/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446649. 2D1206. Nr.32680/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446650. 2D1207. Nr.32795/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446651. 2D1208. Nr.32233/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446652. 2D1209. Nr.31951/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446653. 2D1210. Nr.15589/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446654. 2D1211. Nr.32781/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446655. 4D1212. Wasa II 1880/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446656. 4D1213. Belta/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446657. 4D1214. Borkowskie Tetra/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446658. 4D1215. Sopronyhorpasci/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446659. 4D1216. Nr.14866/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446660. 4D1217. Nr.32629/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.

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446661. 4D1218. Nr.32654/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446662. 4D1219. Nr.32282/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446663. 4D1220. Nr.32259/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446664. 4D1221. S-19-1; 2b.77r. Poland. S-19-1; zb.77r. Winter annual. Cultivated. Seed.
446665. 4D1222. S-42-2; 2b.77r. Poland. S-42-2; zb.77r. Winter annual. Cultivated. Seed.
446666. 2D1223. Nr.32872/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446667. 2D1224. Nr.32810/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446668. 2D1225. Nr.33262/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446669. 2D1226. Nr.33234/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446670. 2D1227. Nr.5549/66 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446671. 2D1228. Nr.15600/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446672. 2D1229. Nr.15544/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446673. 2D1230. Nr.15542/67 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446674. 2D1231. Everest/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446675. 2D1232. Petkuser/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446676. 2D1233. Pos Tetragrun/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446677. 2D1234. Nr.26366/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446678. 2D1235. Nr.32022/70 tureckie zb.75r. Turkey. Received in

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- Canada from Poland. Winter annual. Cultivated. Seed.
446679. 2D1236. Nr.26372/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446680. 2D1237. Lubelskie/tetra zb.75r. Poland. Winter annual. Cultivated. Seed.
446681. 2D1238. Kungs II/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446682. 2D1239. Stal/tetra zb.76r. Poland. Winter annual. Cultivated. Seed.
446683. 2D1240. Nr.32705/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446684. 2D1241. Nr.32816/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446685. 2D1242. Nr.26444/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446686. 2D1243. Nr.26504/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446687. 2D1244. Nr.32197/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446688. 2D1245. Nr.31991/70 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446689. 2D1246. Nr.32801/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446690. 2D1247. Nr.32792/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446691. 2D1248. Nr.32789/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446692. 2D1249. Nr.33084/71 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446693. 2D1250. Nr.26485/68 tureckie zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446694. 2D1251. Poland. A.DI-MS/Pampa Ms x S10 Sangaste/4 C632. Winter annual. Cultivated. Seed.
446695. 2D1252. A.D1 MF S10 Sangaste C632 (sterility maintainer). Poland. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

446696. 2D1253. K-11. Poland. Source of dwarfness (homozygcte). Winter annual. Cultivated. Seed.
446697. 2D1254. S-19-3; zb.77r. Poland. Winter annual. Cultivated. Seed.
446698. 2D1255. Nr.32122/70/tureckie. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446699. 2D1256. Kefermarkter/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446700. 2D1257. Czestawickie/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446701. 2D1258. Norderoas/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446702. 2D1259. Nr.32751/71/tureckie/zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446703. 2D1260. Nr.32749/71/tureckie/zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446704. 2D1261. Nr.32702/71/tureckie/zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446705. 2D1262. Nr.32040/70/tureckie/zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446706. 2D1263. Nr.32055/70/tureckie/zb.75r. Turkey. Received in Canada from Poland. Winter annual. Cultivated. Seed.
446707. 2D1264. Loosdorfer/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446708. 2D1265. Leningradskaja/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446709. 2D1266. Dublestal/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446710. 2D1267. Waiwetetron/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446711. 2D1268. S-19-2; zb.77r. Poland. Winter annual. Cultivated. Seed.
446712. 2D1269. S-47-4; zb.77r. Poland. Winter annual. Cultivated. Seed.
446713. 2D1270. S-47; zb.77r. Poland. Winter annual. Cultivated.

445977 TO 446795-continued
Seed.

446714. 2D1271. K-55 Smolice, zb.77r. Poland. Winter annual. Cultivated. Seed.
446715. 2D1272. S-45; zb.77r. Poland. Winter annual. Cultivated. Seed.
446716. 2D1273. Tetra Gorzow/tetra. Poland. Winter annual. Cultivated. Seed.
446717. 2D1274. Finnischer/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446718. 2D1275. Vadetra/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446719. 2D1276. Norsk Granig/tetra/zb.76r. Poland. Winter annual. Cultivated. Seed.
446720. 2D1277. Zelandzkie E. 20/8. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446721. 2D1278. Dankowskie sel. 231. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446722. 2D1279. Wierzbickie C. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446723. 2D1280. Imperial E. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446724. 2D1281. Wegiorskie 1. Poland, Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446725. 2D1282. Bogalinskie F. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446726. 2D1283. Ludowe D. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446727. 2D1284. Horton C+5. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446728. 2D1285. Kazmierskie B4. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446729. 2D1286. Kazimierskie H. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446730. 2D1287. Horton C5. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

- 446731. 2D1288. Kazimierskie C3. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446732. 2D1289. Wierzbickie B1. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446733. 2D1290. Rogalinskie Pa. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446734. 2D1291. Wielkopolskie C. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446735. 2D1292. Mikulickie Wcz. R. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446736. 2D1293. Wtosz anowskie C. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446737. 2D1294. Zelandzkie G. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446738. 2D1295. Kazimierskie D. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446739. 2D1296. Universalne 145. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446740. 2D1297. 310/2 zyto polkarlowe 6-zzedowe skrocone plewy i. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446741. 2D1298. 317/9 skrocone plewy i osci. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446742. 2D1299. 326/15 mutant 58/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446743. 2D1300. 329/10 mutant 62/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446744. 2D1301. 337/5 mutant 72/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446745. 2D1302. 352/8 mutant 89/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446746. 2D1303. 358/2 mutant 100/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
- 446747. 2D1304. 359/2 mutant 101/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.

445977 TO 446795-continued

446748. 2D1305. 368/4 mutant 112/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446749. 2D1306. 368/21 mutant 119/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446750. 2D1307. 394/6 mutant 129/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446751. 2D1308. 404/4 mutant 141/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446752. 2D1309. 406/3 mutant 142/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446753. 2D1310. 407/2 mutant 143/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446754. 2D1311. 409/1 mutant 144/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446755. 2D1312. 412/7 mutant 148/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446756. 2D1313. 413/4 mutant 149/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446757. 2D1314. 415/3 mutant 150/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446758. 2D1315. 417/3 mutant 151/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446759. 2D1316. 419/3 mutant 152/77. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446760. 2D1317. 378/6 mutant. Poland. Provided by Ruebenbauer. Plants 1 to 1.3m tall. Resistant to powdery mildew. Winter annual. Cultivated. Seed.
446761. 2D1318. 403/2 mutant. Poland. Provided by Ruebenbauer. Plants 1 to 1.1m tall. Strongly pololyse of powdery mildew. low content of olcilozeorcinen 403/2. Winter annual. Cultivated. Seed.
446762. 2D1326. Poland. Provided by Ruebenbauer. Anthocyanin present. Winter annual. Cultivated. Seed.
446763. 2D1328. Rg. reduced glanse 391/10. Poland. Provided by Ruebenbauer. Winter annual. Cultivated. Seed.
446764. 2D1331. 422/2 mutant. Poland. Provided by Ruebenbauer.

445977 TO 446795-continued

- Alcilorezorcinen content high. Strongly poralyse of powdery mildew. Winter annual. Cultivated. Seed.
446765. 2D1333. 366/2. Poland. Provided by Ruebenbauer. Plants 0.95 to 1.05m tall. Alcilorezorcinen content low. Winter annual. Cultivated. Seed.
446766. 2D1334. 363/4 mutant. Poland. Provided by Ruebenbauer. Alcilorezorcinen content low. Winter annual. Cultivated. Seed.
446767. 2D1359. 540/73 mutant. Germany, Federal Rep of. Provided by H. Kuckuck. Plants self-fertile. Alkylresorcinol content poor. Winter annual. Cultivated. Seed.
446768. 2D1360. MIII-Complex-mutant. Germany, Federal Rep of. Provided by H. Kuckuck. Combining ability good. Resistant to mildew. Winter annual. Cultivated. Seed.
446769. 4D1383. Tetra rye-Tetra-Gorzow. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446770. 4D1384. Tetra rye-Borkowskie. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446771. 4D1385. Tetra rye-Pos. tetragrun. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446772. 2D1386. Diplo rye-Rogalinskie 14; 320/195-196. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446773. 2D1387. Diplo rye-RHL-119. Poland. Provided by Nalepa. Erysiphe graminis tolerant. Winter annual. Cultivated. Seed.
446774. 2D1388. Diplo rye-dwarf, 2r RM-1C-24-1, Zeelandzkie. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446775. 2D1389. Diplo rye-dwarf, 2RM-1C-1, Zeelandzkie. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446776. 2D1390. Diplo rye-dwarf, 2RM-215B-1 Zeelandzkie. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446777. 2D1391. Diplo rye-Rogalinskie 14;320/202/B. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446778. 2D1392. Diplo rye-Rogalinskie 14;320/191/192/B. Poland. Provided by Nalepa. Winter annual. Cultivated. Seed.
446779. 2D1393. Petkuser (Spring Ra-10-2n-75). Germany, Federal Rep of. Annual. Cultivated. Seed.

445977 TO 446795-continued

446780. 2D1528. Okema-73 OKRSS. United States. Stillwater, Oklahoma. Winter annual. Cultivated. Seed.
446781. 2D1529. Bonel-75 OKFSS. United States. Stillwater, Oklahoma. Winter annual. Cultivated. Seed.
446782. 2D1530. Maton-76 OKRSS. United States. Stillwater, Oklahoma. Winter annual. Cultivated. Seed.
446783. 2D1531. Elbon-74 OKFSS. United States. Stillwater, Oklahoma. Winter annual. Cultivated. Seed.
446784. 2D1542. Wrens Rye; Wrens Abruzzi. United States. Tifton, Georgia. Provided by D.D. Morey. Winter annual. Cultivated. Seed.
446785. 2D1545. Poland. Choryn. Poland Plant Breeding. Dandowskie Ztote x Otello (64-005 Racot). Winter annual. Cultivated. Seed.
446786. 2D1546. Dandowskie Nowe M20/76 (64-005 Racot). Poland. Choryn. Poland Plant Breeding. Winter annual. Cultivated. Seed.
446787. 2D1547. Poland. Choryn. Poland Plant Breeding. Dankowskie Ztote x Wojcieszzyckie (64-005 Raco). Winter annual. Cultivated. Seed.
446788. 2D1548. C 479/76. Poland. Choryn. Poland Plant Breeding. Winter annual. Cultivated. Seed.
446789. 2D1549. C 476/76. Poland. Choryn. Poland Plant Breeding. Winter annual. Cultivated. Seed.
446790. 2D1550. C 439/76. Poland. Choryn. Poland Plant Breeding. Winter annual. Cultivated. Seed.
446791. 2D1551. C 631/76. Poland. Choryn. Poland Plant Breeding. Winter annual. Cultivated. Seed.
446792. 2D1553. Silvestre. Germany, Federal Rep of. Provided by Plarre. Winter annual. Cultivated. Seed.
446793. 2D1554. Karlshuloler. Germany, Federal Rep of. Provided by Plarre. Winter annual. Cultivated. Seed.
446794. 2D1555. Karlshuloler. Germany, Federal Rep of. Provided by Plarre. Annual. Cultivated. Seed.
446795. 2D1557. Carotens. Germany, Federal Rep of. Provided by Plarre. Winter annual. Cultivated. Seed.

446796 TO 446816. *Secale cereale* var. *vulgare* Koern. & Wern. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

- 446796. 2D41. 'Kungsråg'. Soviet Union. Provided by Zhukovsky. Cultivated. Seed.
- 446797. 2D42. Soviet Union. Provided by Zhukovsky. Grains purple. Winter annual. Cultivated. Seed.
- 446798. 2D44. 'Isumrudnaya'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446799. 2D54. 'Jitkinskaya'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446800. 2D55. 'Wolshanka'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446801. 2D86. 'Viatka'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446802. 2D87. 'Echova 2'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446803. 2D88. 'Voronoskaya'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446804. 2D89. 'Lisitsina'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446805. 2D90. 'Dotnuvekaya'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446806. 2D91. 'Tulunskaya'. Soviet Union. Provided by Zhukovsky. Grains green. Winter annual. Cultivated. Seed.
- 446807. 2D92. 'Besenchukskaya'. Soviet Union. Provided by Zhukovsky. Grains yellow. Winter annual. Cultivated. Seed.
- 446808. 2D93. 'Horkovskaya 194'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446809. 2D94. 'Kasanskaya'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446810. 2D95. 'Stondskaya 2'. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446811. 2D96. 'Saratovskaya'. Soviet Union. Provided by Zhukovsky. Grains large. Winter annual. Cultivated. Seed.

446796 TO 446816-continued

446812. 2D97. Soviet Union. Provided by Zhukovsky. Originally from Bulgaria. Winter annual. Cultivated. Seed.
446813. 2D99. 'K-4'. United States. Provided by Stebbins. Annual. Cultivated. Seed.
446814. 2D100. 'Minusinskaya'. United States. Provided by Stebbins. Annual. Cultivated. Seed.
446815. 2D101. 'Udinskaya'. United States. Provided by Stebbins. Cultivated. Seed.
446816. 2D102. 'Zima'. United States. Provided by Stebbins. Winter annual. Cultivated. Seed.

446817 TO 446818. *Secale dalmaticum* Vis. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba. Received November 1979.

446817. 2D19. United States. Provided by Stebbins. Perennial herb. Cultivated. Seed.
446818. 2D609. United States. World Rye Collection, University of California. WRC-82. Cultivated. Seed.

446819 TO 446820. *Secale dighoricum* (Vavilov) Roshev. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba. Received November 1979.

446819. 2D39. Soviet Union. Provided by Zhukovsky. Cultivated. Seed.
446820. 2D128. United States. Michigan. Cultivated. Seed.

446821. *Secale fragile* Bieb. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba. Received November 1979.

- 2D20. United States. Provided by Stebbins. Cultivated. Seed.

446822 TO 446864. *Secale* hybrid (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

- 446822. 4D115. United States. Michigan. *S. cereale* x *S. montanum*. Tetraploidy induced. Winter annual. Cultivated. Seed.
- 446823. 4D131. United States. Michigan. *S. cereale* x *S. montanum*. Tetraploid allopolyploid. Cultivated. Seed.
- 446824. 2D515. Germany, Federal Rep of. Berlin. *S. cereale* x *S. montanum*. Provided by Wricke. Winter annual. Cultivated. Seed.
- 446825. 2D1339. Germany, Federal Rep of. *S. cereale* x *vavilovii* 270/3. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446826. 2D1340. Germany, Federal Rep of. *S. cereale* x *S. vavilovii* 275/1. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446827. 2D1341. Germany, Federal Rep of. *S. cereale* x *vavilovii* 277/8. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446828. 2D1342. Germany, Federal Rep of. *S. cereale* x *vavilovii* 281/3. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446829. 2D1343. Germany, Federal Rep of. *S. cereale* x *vavilovii* 271/2. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446830. 2D1344. Germany, Federal Rep of. *S. cereale* x *vavilovii* 264/3. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446831. 2D1345. Germany, Federal Rep of. *S. cereale* x *vavilovii* 265/1. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446832. 2D1346. Germany, Federal Rep of. *S. cereale* x *vavilovii* 243/2. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446833. 2D1347. Germany, Federal Rep of. *S. cereale* x *vavilovii* 249/1. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
- 446834. 2D1348. Germany, Federal Rep of. *S. cereale* x *vavilovii* 250/1. Provided by H. Kuckuck. F8T7 progenies of 333-72.

446822 TO 446864-continued

- Winter annual. Cultivated. Seed.
446835. 2D1349. Germany, Federal Rep of. S. cereale x vavilovii 251/1. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
446836. 2D1350. S. cereale x vavilovii 253/6. Germany, Federal Rep of. S. cereale x vavilovii 253/6. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
446837. 2D1351. Germany, Federal Rep of. S. cereale x vavilovii 254/1. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
446838. 2D1352. Germany, Federal Rep of. S. cereale x vavilovii 226/8. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
446839. 2D1353. Germany, Federal Rep of. S. cereale x vavilovii 207/1. Provided by H. Kuckuck. F8T7 progenies of 333-72. Winter annual. Cultivated. Seed.
446840. 2D1354. Germany, Federal Rep of. S. cereale x vavilovii 203/1. Provided by H. Kuckuck. Progenies of 333-72. Winter annual. Cultivated. Seed.
446841. 2D1355. Germany, Federal Rep of. S. cereale x vavilovii 216/12. Provided by H. Kuckuck. Progenies of 333-72. Winter annual. Cultivated. Seed.
446842. 2D1356. Germany, Federal Rep of. S. cereale x vavilovii 217/3. Provided by H. Kuckuck. Progenies of 333-72. Winter annual. Cultivated. Seed.
446843. 2D1357. Germany, Federal Rep of. S. cereale x vavilovii 238/6. Provided by H. Kuckuck. Progenies of 333-72. Winter annual. Cultivated. Seed.
446844. 2D1358. Germany, Federal Rep of. S. cereale x vavilovii 252/6. Provided by H. Kuckuck. Progenies of 333-72. Winter annual. Cultivated. Seed.
446845. 4D1361. Germany, Federal Rep of. S. cereale x vavilovii 77/6896, 12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446846. 4D1362. Germany, Federal Rep of. S. cereale x vavilovii 77/6982, 12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446847. 4D1363. Germany, Federal Rep of. S. cereale x vavilovii 77/6807, 12. Provided by H. Kuckuck. Winter annual.

Cultivated. Seed.

446848. 4D1364. Germany, Federal Rep of. S. cereale x vavilovii 77/6926,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446849. 4D1365. Germany, Federal Rep of. S. cereale x vavilovii 77/6818,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446850. 4D1366. Germany, Federal Rep of. S. cereale x vavilovii 77/6678,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446851. 4D1367. Germany, Federal Rep of. S. cereale x vavilovii 77/6938,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446852. 4D1368. Germany, Federal Rep of. S. cereale x vavilovii 77/6873,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446853. 4D1369. Germany, Federal Rep of. S. cereale x vavilovii 77/6968,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446854. 4D1370. Germany, Federal Rep of. S. cereale x vavilovii 77/6652,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446855. 4D1371. Germany, Federal Rep of. S. cereale x vavilovii 77/6687,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446856. 4D1372. Germany, Federal Rep of. S. cereale x vavilovii 77/6971,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446857. 4D1375. Germany, Federal Rep of. S. cereale x vavilovii 77/6963,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446858. 4D1376. Germany, Federal Rep of. S. cereale x vavilovii 77/6736,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446859. 4D1377. Germany, Federal Rep of. S. cereale x vavilovii 77/6696,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446860. 4D1378. Germany, Federal Rep of. S. cereale x vavilovii 77/6916,12. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.

446822 TO 446864-continued

446861. 4D1379. Germany, Federal Rep of. MI x 333-72 (cereale x vavilovii) I. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446862. 4D1380. Germany, Federal Rep of. MI x 333-72 (cereale x vavilovii) II. Provided by Kuckuck. Winter annual. Cultivated. Seed.
446863. 4D1381. Germany, Federal Rep of. MI x 333 -72 (cereale x vavilovii) III. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.
446864. 4D1382. Germany, Federal Rep of. MI x 333-72 (cereale x vavilovii) IV. Provided by H. Kuckuck. Winter annual. Cultivated. Seed.

446865 TO 446866. *Secale kuprijanovii* Grossh. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba. Received November 1979.

446865. 2D34. Soviet Union. Provided by Zhukovsky. Perennial herb. Cultivated. Seed.
446866. 2D782. United States. World Rye Collection, University of California. WRC-257. Originally from Academic de Science de URSS, Soviet Union. Cultivated. Seed.

446867 TO 446872. *Secale montanum* Guss. (Poaceae) Mountain rye.

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba. Received November 1979.

446867. 2D21. United States. Provided by Stebbins. Perennial herb. Cultivated. Seed.
446868. 2D22. United States. Provided by Stebbins. Perennial herb. Cultivated. Seed.
446869. 2D254. Perennial herb. Cultivated. Seed.
446870. 2D606. United States. World Rye Collection, University of California. WRC-79. Cultivated. Seed.
446871. 2D613. United States. World Rye Collection, University of California. WRC-86. Perennial herb. Cultivated. Seed.
446872. 2D783. 023. United States. World Rye Collection,

446867 TO 446872-continued

University of California. WRC-258. Cultivated. Seed.

446873 TO 446880. *Secale segetale* (Zhuk.) Roshev. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

- 446873. 2D37. Soviet Union. Provided by Zhukovsky. Cultivated. Seed.
- 446874. 2D56. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446875. 2D104. Soviet Union. Provided by Zhukovsky. Cultivated. Seed.
- 446876. 2D105. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446877. 2D106. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446878. 2D107. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446879. 2D611. United States. World Rye Collection, University of California. WRC-84. Cultivated. Seed.
- 446880. 2D781. United States. World Rye Collection, University of California. WRC-256. Cultivated. Seed.

446881 TO 446885. *Secale silvestre* Host (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

- 446881. 2D59. Soviet Union. Provided by Zhukovsky. Winter annual. Cultivated. Seed.
- 446882. 2D612. United States. World Rye Collection, University of California. WRC-85. Cultivated. Seed.
- 446883. 2D1336. Hungary. Provided by Kiss. Winter annual. Cultivated. Seed.
- 446884. 2D1337. Hungary. Provided by Kiss. Winter annual. Cultivated. Seed.
- 446885. 2D1338. Hungary. Provided by Kiss. Winter annual.

446881 TO 446885-continued
Cultivated. Seed.

446886. *Secale* sp. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

2D25. United States. Provided by Stebbins. Winter annual.
Cultivated. Seed.

446887 TO 446889. *Secale vavilovii* Grossh. (Poaceae).

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

446887. 2D49. Canada. Ottawa. ACO. Annual. Cultivated. Seed.

446888. 2D116. Germany, Federal Rep of. Provided by Kuckuck.
Winter annual. Cultivated. Seed.

446889. 2D172. Mexico. Provided by Zillinsky. Cultivated. Seed.

446890. *Secale cereale* L. (Poaceae) Rye.

From Canada. Donated by J. P. Gustafson, Department of Plant Science, University of Manitoba, Winnipeg, Manitoba.
Received November 1979.

2D397. Petkus II. Poland. Winter annual. Cultivated.
Seed.

446891. *Apium graveolens* var. *dulce* (Mill.) Pers. (Apiaceae) Celery.

From China, Peoples Repub of. Donated by Anhui Provincial Institute of Agricultural Sciences, Hefei. Received through W. A. Cawley, Jr., Secretary, Maryland Dept. of Agriculture, Annapolis, MD.
Received August 1980.

Giant Celery. Plants 1 m tall, branched to 40cm. Stalks solid. Petioles green 75cm long. Yield 6,000-7200 kg per acre. Three crops produced each year. Tolerant to wet weather. Flavor excellent - tender and crispy. Cultivated.
Seed.

446892. *Brassica rapa* L. (Brassicaceae) Turnip.

From China, Peoples Repub of. Donated by Anhui Provincial Institute of Agricultural Sciences, Hofei. Received through W.A. Cawley, Jr., Secretary, Maryland Dept. of Agriculture, Annapolis, MD.
Received August 1980.

For-chur-Zao. Plants upright, tolerant to high plant populations. Maturity early, 60 days. Flesh tender, juicy. Resistant to high temperatures and diseases. Cultivated. Seed.

446893. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Anhui Provincial Institute of Agricultural Sciences, Hofei. Received through W.A. Cawley, Jr., Secretary, Maryland Dept. of Agriculture, Annapolis, MD.
Received August 1980.

Wan No. 100-1. Plants compact, 60-70cm tall. Maturity 100 days. Resistant to mechanical harvesting damage. Relatively resistant to viruses. Relatively tolerant to drought. Cultivated. Seed.

446894. *Hordeum vulgare* L. (Poaceae) Barley.

From China, Peoples Repub of. Donated by Anhui Provincial Institute of Agricultural Sciences, Hofei. Received through W. A. Cawley Jr., Secretary, Maryland Dept. of Agriculture, Annapolis, MD.
Received August 1980.

Hexagonal White Barley. Plants 1 m tall, wind resistant. Maturity 210-225 days. Glumes white. Awns long, hexagonal. Cold and drought tolerant. Cultivated. Seed.

446895. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Donated by Anhui Provincial Institute of Agricultural Sciences, Hofei. Received through W.A. Cawley, Jr., Secretary, Maryland Dept. of Agriculture, Annapolis, MD.
Received August 1980.

Ma-chung 2. Plants 1 m tall, high yielding. Maturity 220 days. Glumes white. Awns long. Kernels red. Annual. Cultivated. Seed.

446896 TO 446897. *Panicum coloratum* L. (Poaceae) Kleingrass.

From Kenya. Donated by Kenya Agriculture Research Institute,
Nairobi.

Received August 1980.

446896. IAR-2905. Western Turkana. Originally from Kitale.
Cultivated. Seed.

446897. IAR-52490. Western Turkana. Originally from Kitale.
Cultivated. Seed.

446898. *Arachis* sp. (Fabaceae).

From Brazil. Collected by A.E. Kretschmer, Jr., Institute of Food
and Agricultural Sciences, Agricultural Research Center, University
of Florida, Ft. Pierce, FL 33450.

Received August 1980.

IRFL 2273. Pantanal. Collected May 19, 1976. North, 300m
of entrance to Fazenda doze Hermaos, Pantanal, Mato
Grosso. Collected in ankle deep standing water. Behaves
as annual in northern Florida. Lat. 20 deg 7'S, long. 56
deg 43'W. Perennial herb. Cultivated. Seed.

446899. *Capsicum annuum* L. (Solanaceae).

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received June 1980.

1981. Florida. Wild. Seed.

446900. *Capsicum baccatum* L. (Solanaceae) Aji.

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received June 1980.

917. Peru. Mixture of *C. baccatum* and *C. chinense*.
Cultivated. Seed.

446901 TO 446905. *Capsicum chinense* Jacq. (Solanaceae) Aji.

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received June 1980.

446901. 1496. Venezuela. Cultivated. Seed.

446901 TO 446905-continued

446902. 1738. Surinam. Mixture of *C. chinense* and *C. annuum*.
Cultivated. Seed.

446903. 1980. Trinidad and Tobago. Wild. Seed.

446904. 2127. Peru. Wild. Seed.

446905. 2185. Greenleaf. Cultivated. Seed.

446906. *Capsicum eximium* Hunziker (Solanaceae).

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received June 1980.

1863. Bolivia. Cultivated. Seed.

446907 TO 446908. *Capsicum frutescens* L. (Solanaceae) Redpepper.

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received June 1980.

446907. 1887. Philippines. Cultivated. Seed.

446908. 1888. Philippines. Cultivated. Seed.

446909. *Capsicum praetermissum* Heiser & Smith (Solanaceae).

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received June 1980.

2016. Brazil. Cultivated. Seed.

446910. *Triticum aestivum* L. (Poaceae) Common wheat.

From United Kingdom. Donated by F.G.A. Bennett, Plant Breeding
Institute, Trumpington, Cambridge CB2 21Q.
Received August 1980.

'Avalon'. Bilbo x TJB30/148. Mildew resistant in United
Kingdom. Winter annual. Seed.

446911. *Avena sativa* L. (Poaceae) Common oat.

From United Kingdom. Donated by National Seed Development

446911-continued

Organization Ltd., Newton, Cambridge.
Received September 1980.

'Saladin'. Cultivated. Seed.

446912. *Asparagus gonoclados* Baker (Liliaceae).

From India. Donated by National Bureau of Plant Genetic
Resources, New Delhi 110012.
Received August 1980.

Pune, Madras State. Seed.

446913 TO 446914. *Oryza sativa* L. (Poaceae) Rice.

From Soviet Union. Donated by N. I. Vavilov Institute of Plant
Industry, Leningrad.
Received August 1980.

446913. VIR 3684. Pioneer 320. Uzbek. Received as *O. sativa* var
erythroceros. Cultivated. Seed.

446914. VIR 3969. Stegaru 65. Received as *C. sativa* var *italica*.
Originally from Romania. Cultivated. Seed.

446915 TO 446927. *Oryza sativa* L. (Poaceae) Rice.

From Philippines. Donated by International Rice Research
Institute, Manila.
Received September 1980.

446915. IR 8. Cultivated. Seed.

446916. IR 36. Cultivated. Seed.

446917. IR 38. Cultivated. Seed.

446918. IR 40. Cultivated. Seed.

446919. IR 42. Cultivated. Seed.

446920. IR 43. Cultivated. Seed.

446921. IR 44. Cultivated. Seed.

446922. IR 45. Cultivated. Seed.

446923. IR 46. Cultivated. Seed.

446924. IR 48. Cultivated. Seed.

446915 TO 446927-continued

446925. IR 50. Cultivated. Seed.

446926. IR 52. Cultivated. Seed.

446927. IR 54. Cultivated. Seed.

446928 TO 446931. *Cucumis melo* L. (Cucurbitaceae) Honeydew.

From Israel. Donated by Division of Plant Introduction,
Agricultural Research Organization, Bet Dagan.
Received September 1980.

446928. CM-17-187. Resistant to *Fusarium* wilt. Cultivated. Seed.

446929. Doublon. Resistant to *Fusarium* wilt. Cultivated. Seed.

446930. Hemed. Resistant to *Fusarium* wilt. Cultivated. Seed.

446931. Makdimon. Resistant to *Fusarium* wilt. Cultivated. Seed.

446932. *Nicotiana tabacum* L. (Solanaceae) Tobacco.

From Bulgaria. Donated by Institute of Introduction and Plant
Resources, Sadovo, Flodiv.
Received September 1980.

'Struma 75'. Cultivated. Seed.

446933. *Oryza sativa* L. (Poaceae) Rice.

From Argentina. Donated by Estacion Experimental de Arroz, La
Plata.
Received August 1980.

24556/1. Precosur F. A. Cultivated. Seed.

446934 TO 446938. *Glycine canescens* F. J. Hermann (Fabaceae).

From Australia. Collected by P. Broue and T. Hymowitz, Section of
Genetic Resources, CSIRO, and Department of Agronomy, Univ. of
Illinois, Canberra City and Urbana. Code numbers refer to P.
Broue's collection numbers.
Received May 1980.

446934. 1232. Collected February 1977. Cobham Lake, northwest
corner, New South Wales. Wild. Seed.

446935. 1237. Collected February 1977. Peeri, White Cliffs, New

446934 TO 446938-continued

South Wales. Wild. Seed.

446936. 1238. Collected February 1977. Yancannia, New South Wales. Wild. Seed.

446937. 1239. Collected February 1977. McCulloch's Range, Gomalga, Wilcannia, New South Wales. Wild. Seed.

446938. 1240. Collected February 1977. Box Valley, 193km southwest of Cobar, New South Wales. Wild. Seed.

446939 TO 446944. *Glycine clandestina* Wendl. (Fabaceae).

From Australia. Collected by P. Broue and T. Hymowitz, Section of Genetic Resources, CSIRO, and Department of Agronomy, Univ. of Illinois, Canberra City and Urbana. Code numbers refer to P. Broue's collection numbers.
Received May 1980.

446939. 1195. Collected February 1977. Roadside, mailbox 300, Berry Mountain Road, south coast, New South Wales. Wild. Seed.

446940. 1199. Collected February 1977. Illawarra Highway, 1 km from Kangaroo Valley towards Nowra, New South Wales. Wild. Seed.

446941. 1209. Collected February 1977. Bolero Road, Clyde Mountain, south coast, New South Wales. Wild. Seed.

446942. 1230. Collected February 1977. Badgery's Lookout, Bungonia Gorge, New South Wales. 600m. Wild. Seed.

446943. 1250. Collected February 1977. Kilparney, Mt. Hope, 16.1 km south of Gilgunnia, New South Wales. Wild. Seed.

446944. 1267. Collected February 1977. By railroad, Erampton Island, Queensland. Wild. Seed.

446945. *Glycine tabacina* (Labill.) Benth. (Fabaceae).

From Australia. Collected by P. Broue and T. Hymowitz, Section of Genetic Resources, CSIRO, and Department of Agronomy, Univ. of Illinois, Canberra City and Urbana. Code numbers refer to P. Broue's collection numbers.
Received May 1980.

1294. Collected February 1977. Near beach, Port Macquarie, New South Wales. Wild. Seed.

446946 TO 446963. *Glycine tomentella* Hayata (Fabaceae).

From Australia. Collected by P. Broue and T. Hymowitz, Section of Genetic Resources, CSIRO, and Department of Agronomy, Univ. of Illinois, Canberra City and Urbana. Code numbers refer to P. Broue's collection numbers.
Received May 1980.

- 446946. 1261. Collected February 1977. Staff quarters, Brampton Island, Queensland. Wild. Seed.
- 446947. 1263. Collected February 1977. Rail track, Brampton Island, Queensland. Wild. Seed.
- 446948. 1264. Collected February 1977. Rail track, Brampton Island, Queensland. Wild. Seed.
- 446949. 1265. Collected February 1977. Lower part of mountain, Brampton Island, Queensland. Wild. Seed.
- 446950. 1266. Collected February 1977. Towards jetty, Brampton Island, Queensland. Wild. Seed.
- 446951. 1268. Collected February 1977. Jetty, 22.9m beyond, Brampton Island, Queensland. Wild. Seed.
- 446952. 1271. Collected February 1977. Above jetty, Brampton Island, Queensland. Wild. Seed.
- 446953. 1275. Collected February 1977. Rail track opposite aircraft hangars, Brampton Island, Queensland. Wild. Seed.
- 446954. 1277. Collected February 1977. Rail track above airstrip to Turtle Bay, Brampton Island, Queensland. Wild. Seed.
- 446955. 1278. Collected February 1977. Rail track above airstrip to Turtle Bay, Brampton Island, Queensland. Wild. Seed.
- 446956. 1279. Collected February 1977. Rail track above airstrip to Turtle Bay, Brampton Island, Queensland. Wild. Seed.
- 446957. 1280. Collected February 1977. Circuit path to Turtle Bay, Brampton Island, Queensland. Wild. Seed.
- 446958. 1281. Collected February 1977. Hillside near helipad, Happy Bay, Long Island, Queensland. Wild. Seed.
- 446959. 1282. Collected February 1977. Ravine near helipad, Happy Bay, Long Island, Queensland. Wild. Seed.
- 446960. 1283. Collected February 1977. Near jetty, Lindeman Island, Queensland. Wild. Seed.
- 446961. 1285. Collected February 1977. Lindeman Island,

446946 TO 446963-continued

Queensland. Wild. Seed.

446962. 1286. Collected February 1977. Near golf course on airport road, Lindeman Island, Queensland. Wild. Seed.

446963. 1287. Collected February 1977. Southern end, Airlie Beach road, Airlie Beach, Queensland. Wild. Seed.

446964. *Glycine latifolia* (Benth.) Newell & Hymowitz (Fabaceae).

From Australia. Donated by P. Broue, Section of Genetic Resources, Division of Plant Industry, CSIRO, Canberra City, A.C.T. 2601. Code numbers refer to P. Broue's collection numbers.
Received May 1980.

1233. Inverell area, New South Wales. Collected by A. Williams. Wild. Seed.

446965 TO 446979. *Glycine tabacina* (Labill.) Benth. (Fabaceae).

From Australia. Donated by P. Broue, Section of Genetic Resources, Division of Plant Industry, CSIRO, Canberra City, A.C.T. 2601. Code numbers refer to P. Broue's collection numbers.
Received May 1980.

446965. 1105. Toward west Wyalong, 35km from Condobolin, New South Wales. Wild. Seed.

446966. 1108. Toward west Wyalong, 35km from Condobolin, New South Wales. Wild. Seed.

446967. 1109. Toward west Wyalong, 35km from Condobolin, New South Wales. Wild. Seed.

446968. 1110. Toward west Wyalong, 35km from Condobolin, New South Wales. Wild. Seed.

446969. 1392. New Caledonia. Wild. Seed.

446970. 1393. New Caledonia. Cuaieme. Wild. Seed.

446971. 1394. New Caledonia. Nepoui. Wild. Seed.

446972. 1395. Japan. Ie Jima, Ryukyu Islands. Wild. Seed.

446973. 1396. Japan. Roadside, Wagi, Ie Jima, Ryukyu Islands. Wild. Seed.

446974. 1397. Japan. Miyako Jima, Ryukyu Islands. Wild. Seed.

446965 TO 446979-continued

446975. 1398. Japan. Muigawa, Miyako Jima, Ryukyu Islands. Wild. Seed.
446976. 1399. Japan. Above pumping station, Kurima Jima, SW of Miyako Jima, Ryukyu Islands. Wild. Seed.
446977. 1400. Japan. Shimaji Jima, west of Hirara City, Miyako Jima, Ryukyu Islands. Wild. Seed.
446978. 1401. Japan. Shimaji Jima, west of Hirara City, Miyako Jima, Ryukyu Islands. Wild. Seed.
446979. 1402. Japan. North end of Ishigaki adjacent to Oochibanari Jima, Ryukyu Islands. Wild. Seed.

446980 TO 446998. *Glycine tomentella* Hayata (Fabaceae).

From Australia. Donated by P. Broue, Section of Genetic Resources, Division of Plant Industry, CSIRO, Canberra City, A.C.T. 2601. Code numbers refer to P. Broue's collection numbers.
Received May 1980.

446980. 1414. Papua New Guinea. Garden park near Port Moresby. Wild. Seed.
446981. 1415. Papua New Guinea. Radio Australia. Wild. Seed.
446982. 1416. Papua New Guinea. Radio Australia. Wild. Seed.
446983. 1417. Papua New Guinea. Radio Australia transmitter. Wild. Seed.
446984. 1418. Papua New Guinea. Between Radio Australia and Morata. Wild. Seed.
446985. 1419. Papua New Guinea. Morata. Wild. Seed.
446986. 1420. Papua New Guinea. Morata. Wild. Seed.
446987. 1421. Papua New Guinea. Morata. Wild. Seed.
446988. 1422. Papua New Guinea. Towards Port Moresby, 3.2km from Boroko. Wild. Seed.
446989. 1423. Papua New Guinea. Farrer Point, west of Port Moresby. Wild. Seed.
446990. 1424. Papua New Guinea. Farrer Point, west of Port Moresby. Wild. Seed.

446980 TO 446998-continued

446991. 1425. Papua New Guinea. Between airport and Fort Moresby.
Wild. Seed.
446992. 1426. Papua New Guinea. Between airport and Port Moresby.
Wild. Seed.
446993. 1427. Papua New Guinea. Nadzab, Markham Valley Road.
Wild. Seed.
446994. 1428. Papua New Guinea. Nadzab, Markham Valley Road.
Wild. Seed.
446995. 1429. Papua New Guinea. Lae, Markham Valley Road. Wild.
Seed.
446996. 1430. Papua New Guinea. Port Moresby. Wild. Seed.
446997. 1431. Papua New Guinea. Port Moresby. Wild. Seed.
446998. 1432. Papua New Guinea. Port Moresby. Wild. Seed.

446999 TO 447000. *Glycine tabacina* (Labill.) Benth. (Fabaceae).

From United States. Donated by T. Hymowitz, Department of
Agronomy, University of Illinois, Urbana.
Received May 1980.

446999. Tonga. Near Nuku'alofa, next to Teacher's Training
College, Univ. of South Pacific. Collected by G. Buelow.
Wild. Seed.
447000. Tonga. Collected November 21, 1978. Neiafu, Vavau.
Collected by G. Buelow. Wild. Seed.

447001. *Glycine tomentella* Hayata (Fabaceae).

From United States. Donated by T. Hymowitz, Department of
Agronomy, University of Illinois, Urbana.
Received May 1980.

447001. China, Republic of. Collected June 19, 1978. Roadside
near Agri. Exp. Sta., 4-5km from ocean, Penghu Is.,
Pescadores. Collected by S. Shanmugasundaram. Wild. Seed.

447002. *Allium cepa* L. (Amaryllidaceae).

From Guadeloupe. Donated by Station D'Amelioration des Plantes,
Institut National de la Recherche Agronomique, Petit-Bourg.
Received August 1980.

447002-continued

Violet de Galmi. Niger. Niamey. Institut de Recherches d'Agronomie Tropicale. Selected from local material. Indifferent to daylengths between 8 and 16 hours per day. Early maturity. Bulbs purple skinned, good lasting quality. Cultivated. Breeding material. Seed.

447003 TO 447004. *Glycine soja* Sieb. & Zucc. (Fabaceae) Wild soybean.

From China, Peoples Repub of. Collected by Yuyu Jian, Jilin Academy of Agricultural Sciences, Gongzhuling, Jilin. Received September 1980.

447003. 50204. Collected 1978. Near Keyou Qiun Qi in Neimonggol Autonomous Region. Matures in 143 days. Wild. Seed.

447004. 50368. Collected 1978. Near Jing Yu, eastern cold alpine region. Matures in 150 days. Wild. Seed.

447005 TO 447037. *Hordeum vulgare* L. (Poaceae) Barley.

From United Kingdom. Donated by Nickerson RPB Ltd., Joseph Nickerson Research Center, Rothwell, Lincoln LN7 6DT, England. Received February 1980.

447005. Abacus. Vada x Zephyr. Malting quality excellent. Moderately resistant to mildew. Annual. Cultivated. Seed.

447006. Ark Royal. Proctor x HP 5466. Annual. Cultivated. Seed.

447007. Baton. Abacus x Hanna. Very resistant to mildew. Annual. Cultivated. Seed.

447008. Bobcat. (Proctor x Armelle) x (Zephyr x HP 120323). Resistant to mildew, moderately resistant to Rhynchosporium. Annual. Cultivated. Seed.

447009. Claret. ((Proctor x HP 5466) x Armelle) x Abacus. Very resistant to mildew. Annual. Cultivated. Seed.

447010. Dram. Tern x RMGH 61229. Resistant to mildew. Annual. Cultivated. Seed.

447011. Firecrest. (Cf7 x Hassan) x HP 4388. Malting quality excellent. Resistant to mildew. Annual. Cultivated. Seed.

447012. Georgie. Vada x Zephyr. Malting quality excellent. Annual. Cultivated. Seed.

447013. Goblin. ((PiW20 x MG 24058) x RMGH 61229) x Crusader. Malting quality excellent. Resistant to mildew. Annual.

447005 TO 447037-continued
Cultivated. Seed.

447014. Hood. (Dwarf 1 x (Proctor x HP 5466)) x Armelle. Straw stiff. Resistant to Rhynchosporium. Annual. Cultivated. Seed.
447015. Keg. Proctor x HP 5466. Moderately resistant to mildew. Annual. Cultivated. Seed.
447016. Kite. (Proctor x Tern) x (HP 5466 x RMGH 61229). Moderately resistant to mildew. Annual. Cultivated. Seed.
447017. Koru. (Armelle x Lud) x Luke. Malting quality excellent. Resistant to Rhynchosporium, moderately resistant to mildew. Annual. Cultivated. Seed.
447018. Luke. Crusader x Vada. Malting quality excellent. Resistant to mildew. Annual. Cultivated. Seed.
447019. Sundance. Vada x Zephyr. Moderately resistant to mildew, and brown rust. Annual. Cultivated. Seed.
447020. AC 405. (HOR 3210 x Hellas) x (CI 14128 x Armelle). Resistant to mildew and possibly yellow rust, moderately resistant to Rhynchosporium. Semi-deficiens. Annual. Cultivated. Seed.
447021. AG 242. RPB 633.72 x Cebada Capa. Resistant to brown rust and yellow rust, moderately resistant to Rhynchosporium and mildew. Large lateral florets (VVihIh type). Annual. Cultivated. Seed.
447022. BHC 75021. ((PiW20 x MG 240.58) x RMGH 61229) x Julia. Semi-deficiens. Annual. Cultivated. Seed.
447023. BHC 75206. ((CI 14128 x Armelle) x (Gold x Cf7)) x 2558. Large lateral florets (VVII type). Resistant to Rhynchosporium, brown rust and yellow rust. Annual. Cultivated. Seed.
447024. BHC 75207. ((CI 14128 x Armelle) x (Gold x Cf7)) x 2558. Large lateral florets (VVII type). Resistant to Rhynchosporium, brown rust and yellow rust, moderately resistant to mildew. Annual. Cultivated. Seed.
447025. BHC 75210. (xcii x (Gold x Cf7)) x (CI 14128 x Armelle). Resistant to yellow rust, moderately resistant to brown rust. Deficiens; round-seeded. Annual. Cultivated. Seed.
447026. BHC 76206. (Zephyr x Hassan) x Luke. Moderately resistant to mildew, Rhynchosporium, brown rust and yellow rust. Annual. Cultivated. Seed.

447005 TO 447037-continued

447027. BHC 76243. Zephyr x (TAL x Abacus). Triple-awned lemma. Resistant to mildew and possibly yellow rust, moderately resistant to Rhynchosporium. Annual. Cultivated. Seed.
447028. CA 96. Male-sterile facilitated recurrent selection. Very resistant to mildew. Annual. Cultivated. Seed.
447029. RPB 90.73. (HP 4388 x HP 120322) x RMGH 61229. Resistant to mildew, moderately resistant to Rhynchosporium, brown rust and yellow rust. Annual. Cultivated. Seed.
447030. RPB 332.72. (PiW20 x MG 240.58) x RMGH 61229. Resistant to brown rust and possibly yellow rust, moderately resistant to mildew. Annual. Cultivated. Seed.
447031. RPB 451.74. TAL x Abacus. Large lateral florets (VVII type). Resistant to mildew, moderately resistant to yellow rust. Annual. Cultivated. Seed.
447032. RPB 493.73. MG 27167 x Luke. Deficiens. Resistant to mildew. Annual. Cultivated. Seed.
447033. RPB 537.74. (CI 9588 x Zephyr) x (Proctor x HP 5466). Black. Moderately resistant to mildew. Annual. Cultivated. Seed.
447034. RPB 769.74. ((PiW20 x MG 240.58) x RMGH 61229) x Julia. Annual. Cultivated. Seed.
447035. RPB 773.74. ((PiW20 x MG 240.58) x RMGH 61229) x Julia. Annual. Cultivated. Seed.
447036. RPB 9003.77. ((Vada x Impala) x Deba) x (((Diamant x (Proctor x HP 5466)) x Midas). Erectoides. Resistant to mildew, moderately resistant to Rhynchosporium, brown rust and yellow rust. Annual. Cultivated. Seed.
447037. RPB 9042.77. Asse x (Clermont x Deba). Six-rowed. Straw stiff. Resistant to mildew, moderately resistant to Rhynchosporium, brown rust and yellow rust. Annual. Cultivated. Seed.

447038 TO 447049. *Triticum aestivum* L. (Poaceae) Common wheat.

From United Kingdom. Donated by Nickerson RPB Ltd., Joseph Nickerson Research Center, Rothwell, Lincoln LN7 6DT, England. Received February 1980.

447038. Abele. RPB 68-114 x Maris Beacon. Strong yellow rust and brown rust resistance, mildew and eyespot resistance, moderately low septoria resistance. Winter annual.

447038 TO 447049-continued

Cultivated. Seed.

447039. Anvil. See narrative. Pedigree: (T. Carth x Holdfast x H46 x Viking) x (CH1 166 x Cappelle2 x CI 12633) x (RM6 x Champlein2 x (Joss x V6603) x RM97 x RM49). Strong yellow rust and brown rust resistance, moderately low mildew, septoria and eyespot resistance. Winter annual. Cultivated. Seed.
447040. Aquila. Tadorna x Caribou. Strong yellow rust resistance, mildew, septoria and eyespot resistance, moderately low brown rust resistance. Winter annual. Cultivated. Seed.
447041. Armada. See narrative. Pedigree: (TP118 x (Perdix x Hybrid 46)) x ((Cappelle-Desprex x Champlein) x [(Viking x Tetrix) x (Tetrix x Jublileegem)]). Yellow rust, mildew and septoria resistance, moderately low brown rust and eyespot resistance. Winter annual. Cultivated. Seed.
447042. Baron. RPB 68-114 x Maris Beacon. Resistance to yellow rust, mildew, brown rust, and moderate resistance to septoria and eyespot. Winter annual. Cultivated. Seed.
447043. Chieftain. RPB 68-129 x Maris Beacon. Strong resistance to mildew, and moderate resistance to yellow rust, brown rust, septoria and eyespot. Winter annual. Cultivated. Seed.
447044. Corin. C102 x Tadorna. Resistance to mildew, moderately low resistance to yellow rust, brown rust, septoria and eyespot. Winter annual. Cultivated. Seed.
447045. Granta. Caribo x Kranich. Strong yellow rust resistance, mildew, septoria and eyespot resistance, poor brown rust resistance. Winter annual. Cultivated. Seed.
447046. Pacer. RPB 69-222 x Ace. Strong yellow rust resistance, mildew and eyespot resistance, moderately low brown rust and septoria resistance. Winter annual. Cultivated. Seed.
447047. Stuart. Joss x Mildress. Moderate resistance to mildew, brown rust, septoria and eyespot, and moderately low yellow rust resistance. Winter annual. Cultivated. Seed.
447048. Viscount. RPB 68-193 x Maris Beacon. Yellow rust, mildew, septoria and eyespot resistance, low brown rust resistance. Winter annual. Cultivated. Seed.
447049. Waggoner. See narrative. ([TP229 x (Rothwell Perdix x Hybrid 46)] x Viking) x ([TP118 x (Rothwell Perdix x Hybrid 46)] x (Champlein x Cappelle)). Moderate yellow rust, mildew, brown rust, septoria and eyespot resistance.

447038 TO 447049-continued
Winter annual. Cultivated. Seed.

447050 TO 447271. *Hordeum vulgare* L. (Poaceae) Barley.

From Spain. Donated by AGRAR S.A., Monasterio de Cogullada, Zaragoza 14. Received through D.J. Sammons, Dept. of Agronomy, Univ. of Maryland, College Park, Maryland.
Received September 1980.

- 447050. Bajo Aragon. Cultivated. Seed.
- 447051. Cervecera x Precoz (early). Cultivated. Seed.
- 447052. Cervecera x Precoz (early). Cultivated. Seed.
- 447053. Cervecera x Precoz (early) No. 34. Cultivated. Seed.
- 447054. Cervecera x Precoz (early) Burguete. Cultivated. Seed.
- 447055. Cuadrada de Invierno. Cultivated. Seed.
- 447056. Sierra de Allepuz Blanca. Cultivated. Seed.
- 447057. Merisa 089. Cultivated. Seed.
- 447058. Morisca. Cultivated. Seed.
- 447059. Navarra No. 4. Cultivated. Seed.
- 447060. Navarra No. 42. Cultivated. Seed.
- 447061. Navarra No. 183. Cultivated. Seed.
- 447062. Navarra No. 839. Cultivated. Seed.
- 447063. Early type from Cadreita. Cultivated. Seed.
- 447064. Cultivated. Seed.
- 447065. Granja Telata de Reixana. Cultivated. Seed.
- 447066. Cultivated. Seed.
- 447067. Zoco de Yebel-Hebil. Cultivated. Seed.
- 447068. From area of Salo Brel. Cultivated. Seed.
- 447069. La Rocha. Cultivated. Seed.
- 447070. Brio x Kenta F10-614. Cultivated. Seed.
- 447071. Opal 30/74 (Linha de). Cultivated. Seed.

447050 TO 447271-continued

- 447072. Opal 30/77 (Linha de). Cultivated. Seed.
- 447073. Gullkorn x Bragen 27-279. Cultivated. Seed.
- 447074. Maja x (Seger x Opal) 34/22-108. Cultivated. Seed.
- 447075. Maja x (Seger x Opal) 34/22-118. Cultivated. Seed.
- 447076. Princesa. Cultivated. Seed.
- 447077. Chevalier II St. D. Cultivated. Seed.
- 447078. Cultivated. Seed.
- 447079. Skursmo. Cultivated. Seed.
- 447080. Selection 3 from Aula Dei. Cultivated. Seed.
- 447081. Selection 10 from Aula Dei. Cultivated. Seed.
- 447082. Selection 9 from Aula Dei. Cultivated. Seed.
- 447083. Chevalier II. Cultivated. Seed.
- 447084. Selection 13 from Aula Dei. Cultivated. Seed.
- 447085. Selection 14 from Aula Dei. Cultivated. Seed.
- 447086. Selection 10 from Aula Dei. Cultivated. Seed.
- 447087. Six row type. Cultivated. Seed.
- 447088. Cebada Pereiz. Cultivated. Seed.
- 447089. Line 2 from variety Granja. Cultivated. Seed.
- 447090. Line 121 from 2 carreras. Cultivated. Seed.
- 447091. Line 7 from variety Granja. Cultivated. Seed.
- 447092. Line 20 from variety 2 carreras. Cultivated. Seed.
- 447093. Line 109 from variety Alcala de Henares 182. Cultivated. Seed.
- 447094. Line 105 from variety Caballar Alcala de Henares. Cultivated. Seed.
- 447095. Line 16 from Marruecos Frances. Cultivated. Seed.
- 447096. Line 15 from variety Granja. Cultivated. Seed.

447050 TO 447271-continued

- 447097. Line 142 from variety Sara. Cultivated. Seed.
- 447098. Selection 1 from Jesuitas Ona. Cultivated. Seed.
- 447099. Selection 1 from Almunia. Cultivated. Seed.
- 447100. Selection 4 from Almunia. Cultivated. Seed.
- 447101. Selection 5 from Almunia. Cultivated. Seed.
- 447102. Selection 7 from Almunia. Cultivated. Seed.
- 447103. Selection from Bajo Aragon. Cultivated. Seed.
- 447104. From Burguete (B). Cultivated. Seed.
- 447105. From Cadreita. Cultivated. Seed.
- 447106. Nue Gross. Cultivated. Seed.
- 447107. Cadiz. Cultivated. Seed.
- 447108. Cultivated. Seed.
- 447109. Selection from Balazote. Cultivated. Seed.
- 447110. Alcaraz. Cultivated. Seed.
- 447111. Plumage Archer. Cultivated. Seed.
- 447112. Vanligt Skanskate Sexrads. Cultivated. Seed.
- 447113. Braustets Harzer Alemania. Cultivated. Seed.
- 447114. Selection from Cervera x Precoz (early). Cultivated. Seed.
- 447115. St 1259 Harar. Cultivated. Seed.
- 447116. St 1256 Harar. Cultivated. Seed.
- 447117. St 473 Etiopia. Cultivated. Seed.
- 447118. Selection 8 from Aula Dei. Cultivated. Seed.
- 447119. Selection 10 from Aula Dei. Cultivated. Seed.
- 447120. Selection from Balazote. Cultivated. Seed.
- 447121. Selection from Balazote. Cultivated. Seed.
- 447122. Selection from Cervera x Precoz (early). Cultivated.

447050 TO 447271-continued
Seed.

- 447123. Selection from Villarobledo. Cultivated. Seed.
- 447124. Selection from Marzal No. 14. Cultivated. Seed.
- 447125. Selection from Aula Dei No. 3. Cultivated. Seed.
- 447126. Selection from Selgua (Aula Dei). Cultivated. Seed.
- 447127. Selection from Selgua (Aula Dei). Cultivated. Seed.
- 447128. Cogotona 3. Cultivated. Seed.
- 447129. Selection from Barluenga. Cultivated. Seed.
- 447130. Selection from Sergua. Cultivated. Seed.
- 447131. Casterlanas Graus A.D. Cultivated. Seed.
- 447132. Casterlanas Graus A.D. Cultivated. Seed.
- 447133. Selection from Las Almunias Aula Dei. Cultivated. Seed.
- 447134. Selection from Las Almunias Aula Dei. Cultivated. Seed.
- 447135. Selection from Adahuesca Aula Dei. Cultivated. Seed.
- 447136. Albay. Cultivated. Seed.
- 447137. Selection from Almudevar Aula Dei. Cultivated. Seed.
- 447138. Selection from Santorens Aula Dei. Cultivated. Seed.
- 447139. Selection from Santorens Aula Dei. Cultivated. Seed.
- 447140. Selection from Castejon de Sos Aula Dei. Cultivated. Seed.
- 447141. Sabinanigo. Cultivated. Seed.
- 447142. Selection from Baldellon. Cultivated. Seed.
- 447143. Selection from Riodeva Aula Dei. Cultivated. Seed.
- 447144. Selection from Riodeva Aula Dei. Cultivated. Seed.
- 447145. Selection from Biscarrues Aula Dei. Cultivated. Seed.
- 447146. Selection from Plasencia de Jalon Aula Dei. Cultivated. Seed.
- 447147. Selection from Ariza Aula Dei. Cultivated. Seed.

447050 TO 447271-continued

- 447148. Selection from Iglesiasuela del Cid. Cultivated. Seed.
- 447149. Selection from Ariza Aula Dei. Cultivated. Seed.
- 447150. Selection from Viscarrues Aula Dei. Cultivated. Seed.
- 447151. Selection from Bolea Aula Dei. Cultivated. Seed.
- 447152. Selection from Castejon de Sobrarbe. Cultivated. Seed.
- 447153. Selection from Castejon de Sobrarbe (Aula Dei).
Cultivated. Seed.
- 447154. Selection from Used Aula Dei. Cultivated. Seed.
- 447155. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447156. Selection from Bolea. Cultivated. Seed.
- 447157. Selection from Used Aula Dei. Cultivated. Seed.
- 447158. Selection from Used Aula Dei. Cultivated. Seed.
- 447159. Selection from S. Mateo Gallego. Cultivated. Seed.
- 447160. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447161. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447162. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447163. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447164. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447165. Selection from Magallon. Cultivated. Seed.
- 447166. Selection from Magallon Aula Dei. Cultivated. Seed.
- 447167. Selection from Ricla. Cultivated. Seed.
- 447168. Selection from Cabolafuente Aula Dei. Cultivated. Seed.
- 447169. Selection from Cabolafuente Aula Dei. Cultivated. Seed.
- 447170. Selection from Contamina Aula Dei. Cultivated. Seed.
- 447171. Selection from Radiguero Aula Dei. Cultivated. Seed.
- 447172. Selection from Contamina Aula Dei. Cultivated. Seed.
- 447173. Selection from Radiguero. Cultivated. Seed.

447050 TO 447271-continued

- 447174. Selection from Radiguero Aula Dei. Cultivated. Seed.
- 447175. Selection from Torrelabad y el Soler Aula Dei. Cultivated. Seed.
- 447176. Selection from Torrelabad y el Soler Aula Dei. Cultivated. Seed.
- 447177. Selection from Torrelabad y el Soler Aula Dei. Cultivated. Seed.
- 447178. Selection from Cuarte Aula Dei. Cultivated. Seed.
- 447179. Selection from Cuarte Aula Dei. Cultivated. Seed.
- 447180. Selection from Burgo de Ebro. Cultivated. Seed.
- 447181. Selection from Fanlo. Cultivated. Seed.
- 447182. Selection from Muniesa. Cultivated. Seed.
- 447183. Selection from Villanueva de Gallego. Cultivated. Seed.
- 447184. Selection from Villanueva de Gallego. Cultivated. Seed.
- 447185. Selection from Sierra de Nuez Aula Dei. Cultivated. Seed.
- 447186. Selection from De San Pedro de Rivas. Cultivated. Seed.
- 447187. From Horta de San Juan. Cultivated. Seed.
- 447188. Four row type from Almacellas. Cultivated. Seed.
- 447189. Four row type from Tarescan. Cultivated. Seed.
- 447190. From Granena de las Garrigas. Cultivated. Seed.
- 447191. Four row type from de Arte. Cultivated. Seed.
- 447192. Borjas Blancas. Cultivated. Seed.
- 447193. Agramunt. Cultivated. Seed.
- 447194. From Tremp. Cultivated. Seed.
- 447195. From Seo de Urgel. Cultivated. Seed.
- 447196. Montagut. Cultivated. Seed.
- 447197. Six row type from Vega. Cultivated. Seed.
- 447198. Six row type from Ordi Maceta. Cultivated. Seed.

447050 TO 447271-continued

- 447199. From Tresp. Cultivated. Seed.
- 447200. From Milagro (Munilla). Cultivated. Seed.
- 447201. From Montagut. Cultivated. Seed.
- 447202. Aurore Narana I. Cultivated. Seed.
- 447203. Very early type. Cultivated. Seed.
- 447204. Cultivated. Seed.
- 447205. Cultivated. Seed.
- 447206. Cultivated. Seed.
- 447207. Cultivated. Seed.
- 447208. Cultivated. Seed.
- 447209. Selection from Los Olmos de Manzanera. Cultivated. Seed.
- 447210. Selection from Biscarrues Aula Dei. Cultivated. Seed.
- 447211. Selection from Plasencia de Jalon. Cultivated. Seed.
- 447212. Selection from Plasencia de Jalon. Cultivated. Seed.
- 447213. Selection from Los Olmos de Manzanera. Cultivated. Seed.
- 447214. Selection from San Felices Agüero Aula Dei. Cultivated. Seed.
- 447215. Selection from Ricla Aula Dei. Cultivated. Seed.
- 447216. Selection from Ariza 2 Aula Dei. Cultivated. Seed.
- 447217. Selection from Zuera Aula Dei. Cultivated. Seed.
- 447218. Four row type from S. Quirico de Besora. Cultivated. Seed.
- 447219. Selection from Ansoto Aula Dei. Cultivated. Seed.
- 447220. Cultivated. Seed.
- 447221. Selection from Torrehermosa. Cultivated. Seed.
- 447222. Selection from Caballera. Cultivated. Seed.
- 447223. Selection from Villastar Aula Dei. Cultivated. Seed.

447050 TO 447271-continued

- 447224. Selection from Mezquita de Jarque Aula Dei. Cultivated. Seed.
- 447225. Selection from Castejon de Sos Aula Dei. Cultivated. Seed.
- 447226. Selection from Calamocha 2 Aula Dei. Cultivated. Seed.
- 447227. Selection from Sanper de Calanda. Cultivated. Seed.
- 447228. No. 1 from Ejea. Cultivated. Seed.
- 447229. Selection from Albay Aula Dei. Cultivated. Seed.
- 447230. Selection from Riodeba. Cultivated. Seed.
- 447231. Selection from Zuera Aula Dei. Cultivated. Seed.
- 447232. Line 40 from variety No. 1375. Cultivated. Seed.
- 447233. Selection from Albacete Aula Dei. Cultivated. Seed.
- 447234. Selection from Zoco de Yebel-Hebil Aula Dei. Cultivated. Seed.
- 447235. Selection from Granja Telata de Reixana Aula Dei. Cultivated. Seed.
- 447236. Local selection from Aula Dei. Cultivated. Seed.
- 447237. Selection from Brio x Kenia F10-615 Aula Dei. Cultivated. Seed.
- 447238. Selection from Zoco Yebel-Hebil Aula Dei. Cultivated. Seed.
- 447239. Local selection. Cultivated. Seed.
- 447240. Selection from Balazote Aula Dei. Cultivated. Seed.
- 447241. Tannmistos Sentikorn Finlandia. Cultivated. Seed.
- 447242. Line 4 from variety Granja. Cultivated. Seed.
- 447243. Line 110 from variety Caballar de Alcala de Henares. Cultivated. Seed.
- 447244. Selection 3 from Almunia. Cultivated. Seed.
- 447245. Aurore. Cultivated. Seed.
- 447246. Selection from Cervecera x Precoz (early). Cultivated.

447050 TO 447271-continued
Seed.

- 447247. Svart Clatt. Cultivated. Seed.
- 447248. Selection from San Felices Aguero Aula Dei. Cultivated. Seed.
- 447249. Selection from Casterlans Graus Aula Dei. Cultivated. Seed.
- 447250. Selection from Almudevar Aula Dei. Cultivated. Seed.
- 447251. Selection from Albay (Aula Dei). Cultivated. Seed.
- 447252. Selection from Sabinanigo (Aula Dei). Cultivated. Seed.
- 447253. Selection from Jiloca (Aula Dei). Cultivated. Seed.
- 447254. Selection from Granja la Merisa (Aula Dei). Cultivated. Seed.
- 447255. Pamula de Artes. Two row type. Cultivated. Seed.
- 447256. Selection from Alba de Campo (Aula Dei). Cultivated. Seed.
- 447257. Selection from Ada Huesca. Cultivated. Seed.
- 447258. Bohmerwald Austria. Cultivated. Seed.
- 447259. Line 60 from variety No. 1007. Cultivated. Seed.
- 447260. Line 70 from variety desnuda. Cultivated. Seed.
- 447261. Local selection. Cultivated. Seed.
- 447262. Line No. 1 from variety Granja. Cultivated. Seed.
- 447263. Selection from Castejon de Sobrarbe. Cultivated. Seed.
- 447264. Alobra enviado 1.950. Cultivated. Seed.
- 447265. 4845. Cultivated. Seed.
- 447266. Ager. Cultivated. Seed.
- 447267. Astrix. Cultivated. Seed.
- 447268. Sonja. Cultivated. Seed.
- 447269. Alicia-2. Cultivated. Seed.
- 447270. Alicia-4. Cultivated. Seed.

447050 TO 447271-continued

447271. Azalea. Cultivated. Seed.

447272 TO 447276. Avena nuda L. (Poaceae) Naked oats.

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

447272. ST-17. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A-0146. Cultivated. Seed.

447273. ST-21. China, Peoples Repub of. Animal Husbandry Institute. Cultivated. Seed.

447274. ST-23. Chih chi tiao mai. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Lo yen mai x chih chi. Cultivated. Seed.

447275. ST-24. Hua bei No. 2. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Cultivated. Seed.

447276. ST-25. Yung 492. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Cultivated. Seed.

447277 TO 447297. Avena sativa L. (Poaceae) Common oat.

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

447277. ST-1. Mapua. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0001. Cultivated. Seed.

447278. ST-2. Harman. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0002. Cultivated. Seed.

447279. ST-3. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0004. Cultivated. Seed.

447280. ST-4. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0007. Cultivated. Seed.

447277 TO 447297-continued

447281. ST-5. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0008. Cultivated. Seed.
447282. ST-6. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0010. Cultivated. Seed.
447283. ST-7. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0012. Cultivated. Seed.
447284. ST-8. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0014. Cultivated. Seed.
447285. ST-9. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0015. Cultivated. Seed.
447286. ST-10. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0016. Cultivated. Seed.
447287. ST-11. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0017. Cultivated. Seed.
447288. ST-12. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0041. Cultivated. Seed.
447289. ST-13. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0056. Cultivated. Seed.
447290. ST-14. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0058. Cultivated. Seed.
447291. ST-15. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0121. Cultivated. Seed.
447292. ST-16. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. A 0145. Cultivated. Seed.
447293. ST-26. Ma li ta ba er. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Well-adapted, probably local type. Cultivated. Seed.
447294. ST-27. Xi le na. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Well-adapted, probably from France. Cultivated. Seed.
447295. ST-92. Collected August 09, 1980. General farm, formerly State Farm No. 145, Stone River. Used for forage. Cultivated. Seed.
447296. ST-106. Xin yuan. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type, white. Cultivated. Seed.

447277 TO 447297-continued

447297. ST-107. Kuerle. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Cultivated. Seed.

447298 TO 447299. *Avena* sp. (Poaceae).

From China, Peoples Repub of. Collected by D. W. Sunderman & B. K. Thompson, Aberdeen Branch Experiment Station & Plant Sciences Dept., Univ. of Arizona, Aberdeen, ID & Mesa, AZ, USA. Received through The 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received September 1980.

447298. ST-32. China, Peoples Repub of. Lanzhou. Vegetable Research Inst., Gansu Agricultural Univ. Wild. Seed.

447299. ST-69. Collected August 07, 1980. Near Liu family power dam, southwest of Lanzhou. Volunteer in garden plot. Wild. Seed.

447300 TO 447336. *Hordeum vulgare* L. (Poaceae) Barley.

From China, Peoples Repub of. Collected by D. W. Sunderman & B. K. Thompson, Aberdeen Branch Experiment Station & Plant Sciences Dept., Univ. of Arizona, Aberdeen, ID & Mesa, AZ, USA. Received through The 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received September 1980.

447300. ST-20. China, Peoples Repub of. Abagnar Qi, Nei Monggol. Institute of Grassland Research. Two-row type. Cultivated. Seed.

447301. ST-22. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Seed collected from ground after evaluation harvest. Mixed varieties, 6-row, mostly hulless type. Cultivated. Seed.

447302. ST-30. Collected August 02, 1980. Gan Tang, Ningxia Province, near east border of Gansu Province. 46m. Railroad station platform. Six-row type. Cultivated. Seed.

447303. ST-31. Collected August 02, 1980. Gan Tang, Ningxia Province, near east border of Gansu Province. 46m. Railroad station platform. Hulless, 6-row type. Cultivated. Seed.

447304. ST-59. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Hulless, 6-row type. Seed.

447305. ST-60. Collected August 07, 1980. En route to Liu family

447300 TO 447336-continued

- power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Awns short, lateral. Hulless, 6-row type. Seed.
447306. ST-61. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Hulless, 6-row type. Seed.
447307. ST-62. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Six-row type. Seed.
447308. ST-63. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Six-row type. Head short. Seed.
447309. ST-64. Collected August 07, 1980. By Liu family power dam, W of Lanzhou, Gansu Province. 1750m. Volunteer in garden area. Hulless, 6-row type. Awns long. Seed.
447310. ST-65. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Lemma pigmented. Hulless, 6-row type. Seed.
447311. ST-66. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Six-row type. Head long. Seed.
447312. ST-67. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Two-row type. Seed.
447313. ST-68. Collected August 07, 1980. En route to Liu family power dam, 24km W of Lanzhou, Gansu Province. Volunteer in wheat field. Hulless, 6-row type. Seed.
447314. ST-70. Collected August 07, 1980. By Liu family power dam, W of Lanzhou, Gansu Province. 1750m. Volunteer in garden area. Six-row type. Awns very long. Wild. Seed.
447315. ST-73. Collected August 08, 1980. Near threshing group on Airport Road, N of Lanzhou, Gansu Province. Local, 6-row type. Awned. Hulls white. Used for feed and beer. Cultivated. Seed.
447316. ST-74. Collected August 08, 1980. Airport Road, Field N of Lanzhou, Gansu Province. Local, 6-row type. Hulls white. Heads black, compact and regular. Cultivated. Seed.
447317. ST-75. Collected August 08, 1980. Airport Road, Field N of Lanzhou, Gansu Province. Heads compact, 6-row, black. Mixed types in field. Cultivated. Seed.

447300 TO 447336-continued

447318. ST-76. Collected August 08, 1980. Airport Road, Field N of Lanzhou, Gansu Province. Heads compact, 6-row, black. Mixed types in field. Cultivated. Seed.
447319. ST-80. Collected August 10, 1980. East, 40km of Urumqi towards Turpan, Xinjiang Province. 1050m. Volunteer in wheat field. Hulless, 6-row type. Seed.
447320. ST-81. Collected August 10, 1980. East, 40km of Urumqi towards Turpan, Xinjiang Province. 1050m. Volunteer in wheat field. Six-row type. Seed.
447321. ST-82. Collected August 10, 1980. East, 40km of Urumqi towards Turpan, Xinjiang Province. 1050m. Volunteer in wheat field. Six-row type. Awns deciduous. Seed.
447322. ST-83. Collected August 10, 1980. East, 80km of Urumqi towards Turpan, Xinjiang Province. Volunteer in wheat field. Six-row type. Seed.
447323. ST-93. Collected August 12, 1980. South mountain, 90km from Urumqi, Xinjiang Province. 2100m. In Cossack grass plots. Hulless, 6-row type. Seed.
447324. ST-94. Collected August 12, 1980. South mountain, 90km from Urumqi, Xinjiang Province. 2100m. Hulless, 6-row type. Seed.
447325. ST-95. Collected August 12, 1980. South mountain, 90km from Urumqi, Xinjiang Province. 2100m. Hulless, 6-row type. Seed.
447326. ST-96. Collected August 12, 1980. South mountain, 90km from Urumqi, Xinjiang Province. 2100m. Hulless, 6-row type. Seed.
447327. ST-97. Collected August 12, 1980. South mountain, 90km from Urumqi, Xinjiang Province. 2100m. Hulless, 6-row type. Seed coat purple. Seed.
447328. ST-98. Collected August 12, 1980. South mountain, 90km from Urumqi, Xinjiang Province. 2100m. Hulless, 6-row type. Seed coat pigmented. Seed.
447329. ST-108. Huocheng. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Cultivated. Seed.
447330. ST-109. Huotian. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Hulless, 6-row, spring type. Cultivated. Seed.

447300 TO 447336-continued

447331. ST-110. Tacheng. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring, 6-row type. Cultivated. Seed.
447332. ST-111. Changji. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Hulless, 6-row, spring type. Cultivated. Seed.
447333. ST-112. Shawan. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring, 6-row type. Cultivated. Seed.
447334. ST-113. Ili. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring, 6-row type. Cultivated. Seed.
447335. ST-140. Tsao shu No. 3. China, Peoples Repub of. Nanjing, Jiangsu Province. Nanjing Academy of Agricultural Science. Local, 2-row type. Used for feed and beer. Cultivated. Seed.
447336. ST-141. Che No. 114 yuan mai. China, Peoples Repub of. Nanjing, Jiangsu Province. Nanjing Academy of Agricultural Science. Local, hulless, 6-row type. Used for human consumption. Cultivated. Seed.

447337. *Secale cereale* L. (Poaceae) Rye.

From China, Peoples Repub of. Collected by D. W. Sunderman & B. K. Thompson, Aberdeen Branch Experiment Station & Plant Sciences Dept., Univ. of Arizona, Aberdeen, ID & Mesa, AZ, USA. Received through The 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received September 1980.

ST-77. Collected August 08, 1980. North 75km of Urumqi, Xinjiang Province. Volunteer in winter wheat field. Seed.

447338 TO 447420. *Triticum aestivum* L. (Poaceae) Common wheat.

From China, Peoples Repub of. Collected by D. W. Sunderman & B. K. Thompson, Aberdeen Branch Experiment Station & Plant Sciences Dept., Univ. of Arizona, Aberdeen, ID & Mesa, AZ, USA. Received through The 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received September 1980.

447338. ST-18. Collected July 30, 1980. Jiling River Commune, 42km from Abagnar Qi, Nei Monggol. Semi-dwarf, spring type similar to CIMMYT varieties. Cultivated. Seed.

447339. ST-19. Market, Jiling River Commune, 60km from Abagnar

447338 TO 447420-continued

Qi, Nei Monggol. Cultivated. Seed.

447340. ST-28. Mung za 7704. China, Peoples Repub of. Hohhot, Nei Monggol. Nei Monggol College of Agriculture. Semi-dwarf, newly developed variety. Cultivated. Seed.
447341. ST-29. Collected August 02, 1980. Gan Tang, Ningxia Province, on the east border of Gansu Province. From a railroad station platform. Cultivated. Seed.
447342. ST-34. Kan Ming No. 8. China, Peoples Repub of. Gansu Province. Gansu Agricultural Science and Food Research. Collected August 04, 1980. Leading irrigated variety in Gansu. Plants 101cm tall. Seed soft red, some shattering. Yield high. Cultivated. Seed.
447343. ST-35. Gansu spring No. 11. China, Peoples Repub of. Wheat Inst. of Lanzhou, Gansu Agricultural Univ. Adapted local, spring type. Cultivated. Seed.
447344. ST-36. Gansu spring No. 12. China, Peoples Repub of. Wheat Inst. of Lanzhou, Gansu Agricultural Univ. Adapted local, spring type. Cultivated. Seed.
447345. ST-37. China, Peoples Repub of. Wheat Inst. of Lanzhou, Gansu Agricultural Univ. Adapted local, spring type. Cultivated. Seed.
447346. ST-38. Gan mai No. 6. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, winter type. Seeds red, medium hard. Cultivated. Seed.
447347. ST-39. Gan mai No. 19. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, winter type. Seeds soft, white. Cultivated. Seed.
447348. ST-40. Gan mai No. 24. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, winter type. Seeds soft, red. Cultivated. Seed.
447349. ST-41. Gan mai No. 33. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, winter type. Seeds soft, red. Cultivated. Seed.
447350. ST-42. Lung chun No. 1. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, spring type. Seeds soft, white. Cultivated. Seed.
447351. ST-43. Lung chun No. 2. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, spring type. Seeds soft, red. Cultivated. Seed.
447352. ST-44. Lung chun No. 5. China, Peoples Repub of. Lanzhou.

447338 TO 447420-continued

- Gansu Agricultural Academy and Forestry Science. Local, spring type. Seeds soft, red. Cultivated. Seed.
447353. ST-45. Lung chun No. 6. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Spring type. Seeds soft, red. Cultivated. Seed.
447354. ST-46. Lung chun No.7. China, Peoples Repub of. Lanzhou. Gansu Agricultural Academy and Forestry Science. Local, spring type. Seeds soft, variable red. Cultivated. Seed.
447355. ST-48. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Awned, chaff brown. Cultivated. Seed.
447356. ST-49. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Awnletted. Chaff white. Beaks hooked. From mixed types. Cultivated. Seed.
447357. ST-50. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Awned. Chaff tan. From mixed types. Cultivated. Seed.
447358. ST-51. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Awned. Chaff white. From mixed types. Cultivated. Seed.
447359. ST-52. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Early maturity. Awned. Chaff white. Susceptible to stripe rust. Cultivated. Seed.
447360. ST-53. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Plants 100cm tall. Awnless. Beaks like Chinese spring. Susceptible to stripe rust. Cultivated. Seed.
447361. ST-54. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Awnless. From mixed types. Susceptible to stripe rust. Cultivated. Seed.
447362. ST-55. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Early maturity. Awned. Chaff white. From mixed types. Susceptible to stripe rust. Seed.
447363. ST-56. Collected August 07, 1980. Toward Liu family power dam, 24km W of Lanzhou, Gansu Province. Awned. Chaff white. From mixed types. Seed.
447364. ST-57. Collected August 07, 1980. Toward Liu family

447338 TO 447420-continued

- power dam, 24km W of Lanzhou, Gansu Province. Mixture of types. Seed.
447365. ST-58. Collected August 07, 1980. Liu family power dam. Volunteer in garden plot, 70cm tall. Awned. Chaff white. Seeds red. Seed.
447366. ST-71. Collected August 07, 1980. Toward power dam, W of Lanzhou, Gansu Province. 2100m. Dryland type, 100cm tall. Awned. Chaff brown. Seeds shatter, semi-hard, red. Seed.
447367. ST-72. Collected August 07, 1980. Toward power dam, W of Lanzhou, Gansu Province. 2100m. Dryland type. Awned. Chaff white. Seeds shatter, hard, red. Cultivated. Seed.
447368. ST-78. Russian No. 83. Collected August 08, 1980. Northwest, 75km of Urumqi, Xinjiang Province. Plants 100cm tall, winter type. Chaff white. Seeds hard, red. Grown 30 years in area. May also be known as New Ukraine 83. Cultivated. Seed.
447369. ST-79. Xinjiang No. 2. Collected August 08, 1980. Northwest, 75km of Urumqi, Xinjiang Province. Plants 100cm tall, winter, local type. Chaff brown. Seeds tan to light red. Cultivated. Seed.
447370. ST-84. Collected August 10, 1980. First Salt Lake, road to Turpan, 40km E of Urumqi, Xinjiang Province. 1050m. Spring type. Awned. Chaff white. Cultivated. Seed.
447371. ST-85. Collected August 10, 1980. First Salt Lake, road to Turpan, 40km E of Urumqi, Xinjiang Province. 1050m. Spring type. Awned. Chaff brown. Cultivated. Seed.
447372. ST-86. Collected August 10, 1980. First Salt Lake, road to Turpan, 40km E of Urumqi, Xinjiang Province. 1050m. Spring type. Awnless. Chaff white. Seed.
447373. ST-87. Collected August 10, 1980. First Salt Lake, road to Turpan, 40km E of Urumqi, Xinjiang Province. 1050m. Local, irrigated, spring type. Awns black. Cultivated. Seed.
447374. ST-88. Collected August 10, 1980. Road towards Turpan, 40km E of Urumqi, Xinjiang Province. 1050m. Probably spring type. Awnless. Chaff brown. Seed.
447375. ST-89. Big Head. Collected August 10, 1980. East, 80km of Urumqi towards Turpan, Xinjiang Province. Local, late maturing club type, cultivated more than 100 years. Awned and awnless. Susceptible to rust. Cultivated. Seed.
447376. ST-90. Collected August 10, 1980. East, 80km of Urumqi

447338 TO 447420-continued

- towards Turpan, Xinjiang Province. Local type. Awned. Chaff white. Susceptible to stripe rust. Seed.
447377. ST-91. Big Head. Collected August 10, 1980. East, 120km from Urumqi towards Turpan, Xinjiang Province. Heads large, club type. Cultivated. Seed.
447378. ST-104. Xin dong No. 3. Collected August 14, 1980. Stone River State Farm, Autonomous Region, NW of Urumqi. Winter type. Seeds hard, red. Cultivated. Seed.
447379. ST-105. Xin dong No. 2. Collected August 14, 1980. Stone River State Farm, Autonomous Region, NW of Urumqi, Xinjiang Province. Winter type. Seeds white. Cultivated. Seed.
447380. ST-114. Kashigaer baipi. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Seeds soft, white. Drought tolerant. Cultivated. Seed.
447381. ST-115. Hami 85. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Drought tolerant. Cultivated. Seed.
447382. ST-116. Ili chun #2. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Seeds soft, white. Drought tolerant. Cultivated. Seed.
447383. ST-117. Ili chun #1. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Straw stiff. Seeds soft, white. Drought tolerant. Cultivated. Seed.
447384. ST-118. Xin chun #1. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Seeds soft, white. Drought and shatter resistant. Cultivated. Seed.
447385. ST-119. Qitai chun #4. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Seeds soft, white. Drought tolerant. Cultivated. Seed.
447386. ST-120. Turpan shan yueh huang chun mai. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Turpan three month yellow spring type. From 1964 crop. Cultivated. Seed.
447387. ST-121. Toksun spring #1. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Early maturity. Seeds white. Drought tolerant. Cultivated. Seed.

447388. ST-122. Toksun spring #2. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Spring type. Seeds soft, white. Drought tolerant. Cultivated. Seed.
447389. ST-123. Chanji bai dong mai. China, Peoples Repub of. Urumqi, Xinjiang Province. Academy of Science. Local, winter type. Seeds white. Cultivated. Seed.
447390. ST-124. Turpan bai dong mai. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Local, winter hardy type. Seeds soft, white. Cultivated. Seed.
447391. ST-125. Kuerle bai dong mai. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Local, winter hardy type. Seeds white. Cultivated. Seed.
447392. ST-126. Kuerle balibasi. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Local, winter hardy, late maturity type. Seeds white. Cultivated. Seed.
447393. ST-127. Kashigaer bakefuke. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter hardy, late maturity type. Seeds soft, white. Cultivated. Seed.
447394. ST-128. Xin dong #1. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter hardy type. Seeds red. Cultivated. Seed.
447395. ST-129. Xin dong #2. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Yield high. Seeds white. Cultivated. Seed.
447396. ST-130. Xin dong #3. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Straw stiff. Yield high. Seeds hard, red. Cultivated. Seed.
447397. ST-131. Xin dong #4. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Seeds soft, white. Drought and shatter resistant. Cultivated. Seed.
447398. ST-132. Xin dong #5. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Seeds soft, white.

Drought and shatter resistant. Cultivated. Seed.

447399. ST-133. Xin dong #6. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Seeds white. Drought tolerant. Cultivated. Seed.
447400. ST-134. Xin dong #7. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Seeds red, good quality. Drought tolerant. Cultivated. Seed.
447401. ST-135. Xin dong #11. China, Peoples Repub of. Uygur Autonomous Region, Urumqi, Xinjiang Province. Academy of Agricultural Science. Winter type. Straw stiff. Yield high. Seeds soft, white. Cultivated. Seed.
447402. ST-136. Cai zi huang. China, Peoples Repub of. Shanghai Municipality. Shanghai Academy of Agriculture. Spring type. Seeds hard, red. Scab resistant. Cultivated. Seed.
447403. ST-137. Wan nian #2. China, Peoples Repub of. Shanghai Municipality. Shanghai Academy of Agriculture. Spring type. Seeds hard, red. Probable scab resistance. Cultivated. Seed.
447404. ST-138. Yang mai #1. China, Peoples Repub of. Shanghai Municipality. Shanghai Academy of Agriculture. Spring type. Seeds hard, red. Scab resistant. Cultivated. Seed.
447405. ST-139. Fu mai #3. China, Peoples Repub of. Shanghai Municipality. Academy of Agriculture. Spring type. Seeds soft, red. Scab resistant. Cultivated. Seed.
447406. ST-143. Xiao bai mai. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Yunnan, Teng Tong County. Spring type, early maturity. Seeds red. Cultivated. Seed.
447407. ST-144. 79-4187. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type. Seeds red. Cold resistant. Cultivated. Seed.
447408. ST-145. 79-4090. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type. Seeds red. Cold and disease resistant. Cultivated. Seed.
447409. ST-146. Jing ai No. 7. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Limited winter hardiness, medium maturity. Plants 70-80cm tall. Awns long. Chaff white. Seeds red. Resistant to rust. Cultivated. Seed.

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447410. ST-147. Dian xi yang mai. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Yunnan, Wei Sun County. Spring type, early maturity, good quality. Seeds hard, white. Cultivated. Seed.
447411. ST-148. 79-3174. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type. Seeds red. Cold and disease resistant. Cultivated. Seed.
447412. ST-149. 79-4045. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type. Seeds soft, red. Cold and disease resistant. Cultivated. Seed.
447413. ST-150. 79-4164. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, good quality. Seeds red. Cultivated. Seed.
447414. ST-151. 79-4141. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, good quality. Seeds soft, red. Cultivated. Seed.
447415. ST-152. 79-2249. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, early maturity. Seeds red. Cultivated. Seed.
447416. ST-153. Beijing 18. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, medium maturity. Plants 83cm tall. Awns long, chaff white. Seeds red. Resistant to rust. Cultivated. Seed.
447417. ST-154. Bei lu mai (Yen 1369). China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, medium maturity. Plants 80cm tall. Stems weak. Awns long. Chaff red. Seeds white. Drought tolerant. Cultivated. Seed.
447418. ST-156. 79-4189. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, good quality. Seeds white. Cultivated. Seed.
447419. ST-157. 6303. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences. Winter type, semi-dwarf. Seeds hard, red. Cultivated. Seed.
447420. ST-158. 79-4138. China, Peoples Repub of. Beijing, Hebei Province. Chinese Academy of Agricultural Sciences.

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Winter type, early maturity. Seeds red. Cultivated. Seed.

447421 TO 447422. *Triticum durum* Desf. (Poaceae) Durum wheat.

From China, Peoples Repub of. Collected by D. W. Sunderman & E. K. Thompson, Aberdeen Branch Experiment Station & Plant Sciences Dept., Univ. of Arizona, Aberdeen, ID & Mesa, AZ, USA. Received through The 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received September 1980.

447421. ST-33. China, Peoples Repub of. Gansu Province. Wheat Institute of Lanzhou. Plants tetraploid, 55cm tall, introduced from Xinjiang Province. Awns very long. Cultivated. Seed.

447422. ST-47. Collected August 07, 1980. Towards Liu Family power dam, 24km W of Lanzhou, Gansu Province. Plants 107cm tall. Awns black. Mixed types. Susceptible to stripe rust. Cultivated. Seed.

447423 TO 447429. *Triticum aestivum* L. (Poaceae) Common wheat.

From United Kingdom. Donated by Plant Breeding Institute, Cambridge, England. Received September 1980.

447423. 'Bounty'. Cultivated. Seed.

447424. 'Brigand'. Maris Huntsman x TL365a/34. Resistant to mildew. Cultivated. Seed.

447425. 'Highbury'. Cultivated. Seed.

447426. 'Hustler'. Maris Huntsman x TL365a/25. Resistant to mildew. Cultivated. Seed.

447427. 'Mardler'. (Maris Ranger x TL365a/25) x Maris Huntsman. Resistant to mildew. Cultivated. Seed.

447428. 'Timmo'. Cultivated. Seed.

447429. 'Virtue'. Maris Huntsman x TL365a/25. Resistant to mildew. Cultivated. Seed.

447430 TO 449274. *Vigna unguiculata* (L.) Walp. subsp. *unguiculata* (Fabaceae) Southern pea.

From Nigeria. Collected by K. Rawal, International Institute of Tropical Agriculture, Ibadan. Received May 1980.

447430 TO 449274-continued

447430. KR 1. IITA, Ibadan. TVU 3668. Collected September 25, 1972. Farm, near Jebba. 210m. Cultivated. Seed.
447431. KR 2. IITA, Ibadan. TVU 3669. Collected September 25, 1972. Farm, 23km north of Jebba. 200m. Cultivated. Seed.
447432. KR 4. IITA, Ibadan. TVU 3670. Collected September 26, 1972. New Bussa market, 15km west of Kainji Dam. 150m. Cultivated. Seed.
447433. KR 7. IITA, Ibadan. TVU 3671. Collected September 29, 1972. Farm, Impawa, 23km north of Kano to Daura. 150m. Cultivated. Seed.
447434. KR 8. IITA, Ibadan. TVU 3672. Collected September 29, 1972. Farm, Impawa, 23km north of Kano to Daura. 150m. Cultivated. Seed.
447435. KR 10. IITA, Ibadan. TVU 3673. Collected October 01, 1972. Zaria market. Cultivated. Seed.
447436. KR 11. IITA, Ibadan. TVU 3674. Collected October 01, 1972. Zaria market. Cultivated. Seed.
447437. KR 12. IITA, Ibadan. TVU 3675. Collected October 03, 1972. Farm, Giwa, 29km west of Zaria to Gusau. Cultivated. Seed.
447438. KR 13. IITA, Ibadan. TVU 3676. Collected October 03, 1972. Farm, near Funtua on Gusau Road. Cultivated. Seed.
447439. KR 14. IITA, Ibadan. TVU 3677. Collected October 03, 1972. Farm, Chafe, 68km northwest of Funtua to Gusau. Cultivated. Seed.
447440. KR 16. IITA, Ibadan. TVU 3679. Collected October 03, 1972. Farm, near Gusau. Cultivated. Seed.
447441. KR 17. IITA, Ibadan. TVU 3680. Collected October 03, 1972. Farm, near Gusau. Cultivated. Seed.
447442. KR 18. IITA, Ibadan. TVU 3681. Collected October 03, 1972. Farm, 28km northwest of Gusau of Sokoto. Cultivated. Seed.
447443. KR 19. IITA, Ibadan. TVU 3682. Collected October 03, 1972. Farm, 35km southeast of Sokoto to Gusau. Cultivated. Seed.
447444. KR 20. IITA, Ibadan. TVU 3683. Collected October 03, 1972. Farm, 18km southeast of Sokoto to Gusau. Cultivated. Seed.

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447445. KR 21. IITA, Ibadan. TVU 3684. Collected October 04, 1972. Farm, 15km north of Sokoto. Cultivated. Seed.
447446. KR 22. IITA, Ibadan. TVU 3685. Collected October 04, 1972. Farm, Bankano, 35km north of Sokoto. Cultivated. Seed.
447447. KR 23. IITA, Ibadan. TVU 3686. Collected October 04, 1972. Roadside, Kenewaya, 39km north of Sokoto. 250m. Wild. Seed.
447448. KR 23B. IITA, Ibadan. TVU 3687. Collected October 04, 1972. Farm, Kenewaya, 39km north of Sokoto. 250m. Cultivated. Seed.
447449. KR 24A. IITA, Ibadan. TVU 3688. Collected October 04, 1972. Farm, Tunga Tude, 8km north of Gwadabawa. 250m. Cultivated. Seed.
447450. KR 24. IITA, Ibadan. TVU 3689. Collected October 04, 1972. Farm, Tunga Tude, 8km north of Gwadabawa. 250m. Wild. Seed.
447451. KR 25. IITA, Ibadan. TVU 3690. Collected October 04, 1972. Farm, Gidankata, 27km north of Gwadabawa. 250m. Cultivated. Seed.
447452. KR 26. IITA, Ibadan. TVU 3691. Collected October 04, 1972. Farm, 5km northeast of Sokoto to Goronyo. 300m. Cultivated. Seed.
447453. KR 28. IITA, Ibadan. TVU 3693. Collected October 04, 1972. Goronyo market, 65km northeast of Sokoto. 300m. Cultivated. Seed.
447454. KR 29. IITA, Ibadan. TVU 3694. Collected October 05, 1972. Farm, Kasavawa, 10km south of Sokoto to Argungu. Cultivated. Seed.
447455. KR 30. IITA, Ibadan. TVU 3695. Collected October 05, 1972. Farm, 16km north of Argungu to Sokoto. Cultivated. Seed.
447456. KR 32. IITA, Ibadan. TVU 3697. Collected October 05, 1972. Farm, 12km south of Argungu to Birninkebbi. Cultivated. Seed.
447457. KR 33. IITA, Ibadan. TVU 3698. Collected October 05, 1972. Farm, Gotomo, 27km north of Birninkebbi. Cultivated. Seed.
447458. KR 34. IITA, Ibadan. TVU 3699. Collected October 05,

447430 TO 449274-continued

1972. Farm, Dankusu, 29km north of Birninkebbi.
Cultivated. Seed.
447459. KR 35. IITA, Ibadan. TVU 3700. Collected October 05,
1972. Farm, 14km north of Birninkebbi. Cultivated. Seed.
447460. KR 36. IITA, Ibadan. TVU 3701. Collected October 05,
1972. Farm, Birninkebbi. Cultivated. Seed.
447461. KR 38. IITA, Ibadan. TVU 3702. Collected October 05,
1972. Farm, 6km north of Jega. Cultivated. Seed.
447462. KR 39. IITA, Ibadan. TVU 3703. Collected October 05,
1972. Farm, Kajiji, 50km north of Jega to Sokoto.
Cultivated. Seed.
447463. KR 41. IITA, Ibadan. TVU 3705. Collected October 06,
1972. Farm, Kaura Namode, 60km north of Gusau. Cultivated.
Seed.
447464. KR 42A. IITA, Ibadan. TVU 3706. Collected October 06,
1972. Farm, near Shinkafe, 85km north of Gusau.
Cultivated. Seed.
447465. KR 42. IITA, Ibadan. TVU 3707. Collected October 06,
1972. Farm, near Shinkafe, 85km north of Gusau.
Cultivated. Seed.
447466. KR 43. IITA, Ibadan. TVU 3708. Collected October 06,
1972. Farm, near Shinkafe, 85km north of Gusau.
Cultivated. Seed.
447467. KR 45. IITA, Ibadan. TVU 3710. Collected October 07,
1972. Farm, near Katsina. 420m. Cultivated. Seed.
447468. KR 46. IITA, Ibadan. TVU 3711. Collected October 08,
1972. Farm, Makudi, 10km east of Katsina. 430m.
Cultivated. Seed.
447469. KR 47. IITA, Ibadan. TVU 3712. Collected October 08,
1972. Farm, Kayawa, 56km east of Katsina. 440m.
Cultivated. Seed.
447470. KR 48. IITA, Ibadan. TVU 3713. Collected October 08,
1972. Farm, Kayawa, 56km east of Katsina. 440m. Wild.
Seed.
447471. KR 49. IITA, Ibadan. TVU 3714. Collected October 08,
1972. Farm, Guginya, 10km west of Daura. 350m. Cultivated.
Seed.
447472. KR 50. IITA, Ibadan. TVU 3715. Collected October 08,
1972. Farm, 10km south of Daura to Kano. 450m. Cultivated.

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Seed.

447473. KR 51. IITA, Ibadan. TVU 3716. Collected October 08, 1972. Farm, 38km south of Daura to Kano. 380m. Cultivated. Seed.
447474. KR 52. IITA, Ibadan. TVU 3717. Collected October 08, 1972. Farm, 38km south of Daura to Kano. 380m. Cultivated. Seed.
447475. KR 53. IITA, Ibadan. TVU 3718. Collected October 08, 1972. Farm, 55km north of Kano to Daura. 400m. Cultivated. Seed.
447476. KR 54. IITA, Ibadan. TVU 3719. Collected October 08, 1972. Farm, 28km north of Kano to Daura. 400m. Cultivated. Seed.
447477. KR 55A. IITA, Ibadan. TVU 3720. Collected October 08, 1972. Farm, 16km north of Kano to Daura. 450m. Cultivated. Seed.
447478. KR 55B. IITA, Ibadan. TVU 3721. Collected October 08, 1972. Farm, near Kano. 450m. Cultivated. Seed.
447479. KR 56. IITA, Ibadan. TVU 3722. Collected October 08, 1972. Farm, near Kano. 450m. Wild. Seed.
447480. KR 57. IITA, Ibadan. TVU 3723. Collected October 08, 1972. Farm, 20km south of Kano to Zaria. Cultivated. Seed.
447481. KR 62. IITA, Ibadan. TVU 3724. Collected October 11, 1972. Farm, Riminsanya, 68km west of Bauchi to Jos. 800m. Cultivated. Seed.
447482. KR 62A. IITA, Ibadan. TVU 3725. Collected October 11, 1972. Farm, Riminsanya, 68km west of Bauchi to Jos. 800m. Cultivated. Seed.
447483. KR 63. IITA, Ibadan. TVU 3726. Collected October 11, 1972. Farm, 45km west of Bauchi to Jos. Cultivated. Seed.
447484. KR 64. IITA, Ibadan. TVU 3727. Collected October 11, 1972. Farm, 45km west of Bauchi to Jos. Cultivated. Seed.
447485. KR 65. IITA, Ibadan. TVU 3728. Collected October 11, 1972. Farm, 25km west of Bauchi to Jos. Cultivated. Seed.
447486. KR 66B. IITA, Ibadan. TVU 3730. Collected October 11, 1972. Farm, 10km west of Bauchi to Jos. 600m. Cultivated. Seed.
447487. KR 70. IITA, Ibadan. TVU 3731. Collected October 11,

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1972. Farm, 10km north of Bauchi to Birninkudu. 560m.
Wild. Seed.
447488. KR 71. IITA, Ibadan. TVU 3732. Collected October 11,
1972. Farm, 10km north of Bauchi to Birninkudu. 560m.
Cultivated. Seed.
447489. KR 73. IITA, Ibadan. TVU 3733. Collected October 11,
1972. Farm, Hutwu, 46km south of Birninkudu. Cultivated.
Seed.
447490. KR 74. IITA, Ibadan. TVU 3734. Collected October 11,
1972. Farm, 28km south of Birninkudu. 510m. Cultivated.
Seed.
447491. KR 75. IITA, Ibadan. TVU 3735. Collected October 11,
1972. Roadside, 15km east of Birninkudu to Potiskum. 450m.
Wild. Seed.
447492. KR 76. IITA, Ibadan. TVU 3736. Collected October 11,
1972. Farm, Foggo, 70km east of Birninkudu to Potiskum.
400m. Cultivated. Seed.
447493. KR 77. IITA, Ibadan. TVU 3737. Collected October 11,
1972. Farm, 5km north of Foggo to Azare. 410m. Cultivated.
Seed.
447494. KR 78. IITA, Ibadan. TVU 3738. Collected October 12,
1972. Farm, Azare. 400m. Cultivated. Seed.
447495. KR 79. IITA, Ibadan. TVU 3739. Collected October 12,
1972. Roadside, Bulkachuwa, 54km east of Azare to
Potiskum. 410m. Wild. Seed.
447496. KR 80. IITA, Ibadan. TVU 3740. Collected October 12,
1972. Farm, 61km east of Azare to Potiskum. 320m.
Cultivated. Seed.
447497. KR 81. IITA, Ibadan. TVU 3741. Collected October 12,
1972. Farm, Kukraeta, 123km east of Potiskum to Maiduguri.
380m. Cultivated. Seed.
447498. KR 82. IITA, Ibadan. TVU 3742. Collected October 13,
1972. Farm, 19km north of Maiduguri to Lake Chad.
Cultivated. Seed.
447499. KR 83. IITA, Ibadan. TVU 3743. Collected October 13,
1972. Farm, 28km north of Maiduguri to Lake Chad. 180m.
Cultivated. Seed.
447500. KR 84. IITA, Ibadan. TVU 3744. Collected October 13,
1972. Farm, 34km north of Maiduguri to Lake Chad. 180m.
Cultivated. Seed.

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447501. KR 85. IITA, Ibadan. TVU 3745. Collected October 13, 1972. Farm, 34km north of Maiduguri to Lake Chad. 200m. Cultivated. Seed.
447502. KR 86. IITA, Ibadan. TVU 3746. Collected October 13, 1972. Farm, 53km north of Maiduguri to Lake Chad. 210m. Cultivated. Seed.
447503. KR 87. IITA, Ibadan. TVU 3747. Collected October 13, 1972. Farm, 68km north of Maiduguri to Lake Chad. 220m. Cultivated. Seed.
447504. KR 88. IITA, Ibadan. TVU 3748. Collected October 13, 1972. Farm, Gajiram, 75km north of Maiduguri to Lake Chad. Cultivated. Seed.
447505. KR 89. IITA, Ibadan. TVU 3749. Collected October 13, 1972. Farm, 5km north of Mongonu to Lake Chad. 270m. Cultivated. Seed.
447506. KR 90. IITA, Ibadan. TVU 3750. Collected October 13, 1972. Farm, Kukawa, 11km north of Mongonu to Baga. Cultivated. Seed.
447507. KR 91. IITA, Ibadan. TVU 3751. Collected October 13, 1972. Farm, 14km north of Mongonu to Baga. 260m. Cultivated. Seed.
447508. KR 92. IITA, Ibadan. TVU 3752. Collected October 13, 1972. Farm, 14km north of Mongonu to Baga. 260m. Wild. Seed.
447509. KR 93. IITA, Ibadan. TVU 3753. Collected October 13, 1972. Farm, Gimbokole, 26km north of Maiduguri to Lake Chad. Cultivated. Seed.
447510. KR 95. IITA, Ibadan. TVU 3754. Collected October 14, 1972. Farm, 18km southeast of Maiduguri to Bama. 300m. Cultivated. Seed.
447511. KR 96. IITA, Ibadan. TVU 3755. Collected October 14, 1972. Farm, 25km southeast of Maiduguri to Bama. 300m. Cultivated. Seed.
447512. KR 97. IITA, Ibadan. TVU 3756. Collected October 14, 1972. Farm, 40km southeast of Maiduguri to Bama. 300m. Cultivated. Seed.
447513. KR 98. IITA, Ibadan. TVU 3757. Collected October 14, 1972. Farm, 64km southeast of Maiduguri to Bama. 350m. Cultivated. Seed.

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447514. KR 99. IITA, Ibadan. TVU 3758. Collected October 14, 1972. Farm, 3km south of Bama to Gwoza. 310m. Cultivated. Seed.
447515. KR 100. IITA, Ibadan. TVU 3759. Collected October 14, 1972. Farm, 28km south of Bama to Gwoza. 310m. Cultivated. Seed.
447516. KR 101. IITA, Ibadan. TVU 3760. Collected October 14, 1972. Farm, 28km south of Bama to Gwoza. 310m. Wild. Seed.
447517. KR 102. IITA, Ibadan. TVU 3761. Collected October 14, 1972. Farm, 47km south of Bama to Gwoza. 320m. Cultivated. Seed.
447518. KR 103. IITA, Ibadan. TVU 3762. Collected October 14, 1972. Farm, 32km south of Bama to Gwoza. Cultivated. Seed.
447519. KR 104. IITA, Ibadan. TVU 3763. Collected October 14, 1972. Farm, 32km south of Bama to Gwoza. 400m. Cultivated. Seed.
447520. KR 105. IITA, Ibadan. TVU 3764. Collected October 14, 1972. Farm, 36km south of Bama to Gwoza. Cultivated. Seed.
447521. KR 107. IITA, Ibadan. TVU 3766. Collected October 14, 1972. Farm, Biriya, 16km south of Bama to Gwoza. 350m. Cultivated. Seed.
447522. KR 108. IITA, Ibadan. TVU 3767. Collected October 14, 1972. Farm, 61km southeast of Maiduguri to Bama. 350m. Cultivated. Seed.
447523. KR 109. IITA, Ibadan. TVU 3768. Collected October 15, 1972. Farm, 13km east of Maiduguri to Dikwa. 260m. Cultivated. Seed.
447524. KR 110. IITA, Ibadan. TVU 3769. Collected October 15, 1972. Farm, 43km east of Maiduguri to Dikwa. 260m. Cultivated. Seed.
447525. KR 112. IITA, Ibadan. TVU 3771. Collected October 15, 1972. Farm, Govt. Sec. School, Maiduguri. 260m. Cultivated. Seed.
447526. KR 113. IITA, Ibadan. TVU 3772. Collected October 16, 1972. Farm, 35km west of Maiduguri to Kano. 310m. Cultivated. Seed.
447527. KR 114. IITA, Ibadan. TVU 3773. Collected October 16, 1972. Farm, 55km west of Maiduguri to Kano. Cultivated. Seed.

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447528. KR 115. IITA, Ibadan. TVU 3774. Collected October 16, 1972. Farm, 85km west of Maiduguri to Kano. Cultivated. Seed.
447529. KR 117. IITA, Ibadan. TVU 3776. Collected October 16, 1972. Farm, Damaturu, 145km west of Maiduguri to Kano. 330m. Cultivated. Seed.
447530. KR 118. IITA, Ibadan. TVU 3777. Collected October 16, 1972. Farm, 25km south of Damaturu to Biu. 390m. Cultivated. Seed.
447531. KR 120. IITA, Ibadan. TVU 3779. Collected October 16, 1972. Farm, 103km south of Damaturu to Biu. 750m. Cultivated. Seed.
447532. KR 122. IITA, Ibadan. TVU 3780. Collected October 16, 1972. Farm, near Biu. 620m. Cultivated. Seed.
447533. KR 123. IITA, Ibadan. TVU 3781. Collected October 16, 1972. Farm, 22km west of Biu to Gombe. 690m. Cultivated. Seed.
447534. KR 124. IITA, Ibadan. TVU 3782. Collected October 16, 1972. Farm, 42km west of Biu to Gombe. 710m. Cultivated. Seed.
447535. KR 125. IITA, Ibadan. TVU 3783. Collected October 16, 1972. Farm, 58km west of Biu to Gombe. 320m. Cultivated. Seed.
447536. KR 126. IITA, Ibadan. TVU 3784. Collected October 16, 1972. Farm, 58km west of Biu to Gombe. 320m. Cultivated. Seed.
447537. KR 129. IITA, Ibadan. TVU 3786. Collected October 16, 1972. Farm, Dadinkowa, 35km east of Gombe to Biu. 250m. Wild. Seed.
447538. KR 130. IITA, Ibadan. TVU 3787. Collected October 16, 1972. Farm, 6km east of Gombe to Biu. Wild. Seed.
447539. KR 131. IITA, Ibadan. TVU 3788. Collected October 17, 1972. West, 8km of Gombe to Bauchi. 550m. Wild. Seed.
447540. KR 132. IITA, Ibadan. TVU 3789. Collected October 17, 1972. Farm, 21km west of Gombe to Bauchi. Cultivated. Seed.
447541. KR 134. IITA, Ibadan. TVU 3790. Collected October 17, 1972. Roadside, 46km west of Gombe to Bauchi. 250m. Wild. Seed.

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447542. KR 137. IITA, Ibadan. TVU 3791. Collected October 17, 1972. Farm, 35km east of Bauchi to Gombe. 430m. Cultivated. Seed.
447543. KR 139. IITA, Ibadan. TVU 3792. Collected October 17, 1972. Farm, 5km northeast of Bauchi to Potiskum. Cultivated. Seed.
447544. KR 140. IITA, Ibadan. TVU 3793. Collected October 17, 1972. Farm, 32km northeast of Bauchi to Potiskum. 550m. Cultivated. Seed.
447545. KR 141. IITA, Ibadan. TVU 3794. Collected October 17, 1972. Farm, 32km northeast of Bauchi to Potiskum. 550m. Cultivated. Seed.
447546. KR 142. IITA, Ibadan. TVU 3795. Collected October 17, 1972. Farm, 51km northeast of Bauchi to Potiskum. 530m. Cultivated. Seed.
447547. KR 143. IITA, Ibadan. TVU 3796. Collected October 17, 1972. Farm, 80km northeast of Bauchi to Potiskum. 460m. Cultivated. Seed.
447548. KR 144. IITA, Ibadan. TVU 3797. Collected October 17, 1972. Farm, 100km northeast of Bauchi to Potiskum. 480m. Cultivated. Seed.
447549. KR 145. IITA, Ibadan. TVU 3798. Collected October 17, 1972. Farm, 100km northeast of Bauchi to Potiskum. 480m. Cultivated. Seed.
447550. KR 146. IITA, Ibadan. TVU 3799. Collected October 17, 1972. Farm, Darazo, 114km northeast of Bauchi to Potiskum. 450m. Wild. Seed.
447551. KR 147. IITA, Ibadan. TVU 3800. Collected October 17, 1972. Farm, Darazo, 114km northeast of Bauchi to Potiskum. 450m. Cultivated. Seed.
447552. KR 148A. IITA, Ibadan. TVU 3801. Collected October 17, 1972. Farm, Kari, 302km east of Kano to Potiskum. 400m. Wild. Seed.
447553. KR 149A. IITA, Ibadan. TVU 3803. Collected October 17, 1972. Farm, 40km west of Kari to Kano. Cultivated. Seed.
447554. KR 149B. IITA, Ibadan. TVU 3804. Collected October 17, 1972. Farm, Gabarin, 19km south of Kari to Bauchi. Cultivated. Seed.
447555. KR 150. IITA, Ibadan. TVU 3805. Collected October 17,

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1972. Farm, 52km west of Kari to Kano. Cultivated. Seed.
447556. KR 151. IITA, Ibadan. TVU 3806. Collected October 17, 1972. Farm, 88km west of Kari to Kano. Cultivated. Seed.
447557. KR 152. IITA, Ibadan. TVU 3807. Collected October 17, 1972. Farm, 118km west of Kari to Kano. 350m. Cultivated. Seed.
447558. KR 154. IITA, Ibadan. TVU 3809. Collected October 18, 1972. Farm, 6km northeast of Kano to Hadejia. 350m. Cultivated. Seed.
447559. KR 155. IITA, Ibadan. TVU 3810. Collected October 18, 1972. Farm, 29km northeast of Kano to Hadejia. 350m. Cultivated. Seed.
447560. KR 156. IITA, Ibadan. TVU 3811. Collected October 18, 1972. Farm, 43km northeast of Kano to Hadejia. 350m. Cultivated. Seed.
447561. KR 157. IITA, Ibadan. TVU 3812. Collected October 18, 1972. Farm, 60km southwest of Hadejia to Kano. 350m. Cultivated. Seed.
447562. KR 158. IITA, Ibadan. TVU 3813. Collected October 18, 1972. Farm, 40km southwest of Hadejia to Kano. 340m. Cultivated. Seed.
447563. KR 159. IITA, Ibadan. TVU 3814. Collected October 18, 1972. Farm, 24km southwest of Hadejia to Kano. 310m. Cultivated. Seed.
447564. KR 160. IITA, Ibadan. TVU 3815. Collected October 18, 1972. Farm, Hadejia, 208km northeast of Kano. 330m. Cultivated. Seed.
447565. KR 161. IITA, Ibadan. TVU 3816. Collected October 18, 1972. Farm, 13km southwest of Hadejia to Kano. m. Cultivated. Seed.
447566. KR 162. IITA, Ibadan. TVU 3817. Collected October 18, 1972. Farm, 33km southwest of Hadejia to Kano. 350m. Cultivated. Seed.
447567. KR 163. IITA, Ibadan. TVU 3818. Collected October 18, 1972. Farm, 72km northeast of Kano to Hadejia. 350m. Cultivated. Seed.
447568. KR 164. IITA, Ibadan. TVU 3819. Collected October 18, 1972. Farm, 56km northeast of Kano to Hadejia. Cultivated. Seed.

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447569. KR 165. IITA, Ibadan. TVU 3820. Collected October 19, 1972. Farm, 2km northwest of Kano to Katsina. Wild. Seed.
447570. KR 166. IITA, Ibadan. TVU 3821. Collected October 19, 1972. Farm, 2km northwest of Kano to Katsina. 420m. Cultivated. Seed.
447571. KR 167. IITA, Ibadan. TVU 3822. Collected October 19, 1972. Farm, 11km northwest of Kano to Katsina. 400m. Cultivated. Seed.
447572. KR 168. IITA, Ibadan. TVU 3823. Collected October 19, 1972. Farm, Dungurawa, 22km northwest of Kano to Katsina. 400m. Cultivated. Seed.
447573. KR 169. IITA, Ibadan. TVU 3824. Collected October 19, 1972. Farm, 26km northwest of Kano to Katsina. 400m. Cultivated. Seed.
447574. KR 170. IITA, Ibadan. TVU 3825. Collected October 19, 1972. Farm, Bichi, 42km northwest of Kano to Katsina. 470m. Cultivated. Seed.
447575. KR 171. IITA, Ibadan. TVU 3826. Collected October 19, 1972. Farm, 56km northwest of Kano to Katsina. 450m. Cultivated. Seed.
447576. KR 172. IITA, Ibadan. TVU 3827. Collected October 19, 1972. Farm, 62km northwest of Kano to Katsina. 450m. Hybrid with weed. Wild. Seed.
447577. KR 173. IITA, Ibadan. TVU 3828. Collected October 19, 1972. Farm, 82km northwest of Kano to Katsina. 570m. Cultivated. Seed.
447578. KR 174. IITA, Ibadan. TVU 3829. Collected October 19, 1972. Farm, 10km south of Yashi to Funtua. 490m. Cultivated. Seed.
447579. KR 175. IITA, Ibadan. TVU 3830. Collected October 19, 1972. Farm, 10km south of Yashi to Funtua. 490m. Hybrid with weed. Wild. Seed.
447580. KR 177. IITA, Ibadan. TVU 3832. Collected October 19, 1972. Farm, Kurukujan, 32km south of Yashi to Funtua. 540m. Cultivated. Seed.
447581. KR 178. IITA, Ibadan. TVU 3833. Collected October 19, 1972. Farm, Dan Janku, 40km south of Yashi to Funtua. 560m. Cultivated. Seed.
447582. KR 179. IITA, Ibadan. TVU 3834. Collected October 19,

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1972. Farm, Dayi, 51km south of Yashi to Funtua. 600m.
Cultivated. Seed.
447583. KR 180. IITA, Ibadan. TVU 3835. Collected October 19,
1972. Farm, 64km south of Yashi to Funtua. 600m.
Cultivated. Seed.
447584. KR 181. IITA, Ibadan. TVU 3836. Collected October 19,
1972. Farm, Malumfashi, 48km north of Funtua to Yashi.
600m. Cultivated. Seed.
447585. KR 182. IITA, Ibadan. TVU 3837. Collected October 19,
1972. Farm, Karfi, 38km north of Funtua to Yashi.
Cultivated. Seed.
447586. KR 183. IITA, Ibadan. TVU 3838. Collected October 19,
1972. Farm, Makundi, 27km north of Funtua to Yashi. 620m.
Cultivated. Seed.
447587. KR 184. IITA, Ibadan. TVU 3839. Collected October 19,
1972. Farm, Kurami, 6km north of Funtua to Yashi. 670m.
Cultivated. Seed.
447588. KR 185. IITA, Ibadan. TVU 3840. Collected October 19,
1972. Farm, Jabiri near Funtua. Cultivated. Seed.
447589. KR 186. IITA, Ibadan. TVU 3841. Collected October 19,
1972. Farm, 27km southeast of Funtua to Zaria. 630m.
Cultivated. Seed.
447590. KR 187. IITA, Ibadan. TVU 3842. Collected October 19,
1972. Farm, 27km southeast of Funtua to Zaria. 630m. Wild.
Seed.
447591. KR 188. IITA, Ibadan. TVU 3843. Collected October 19,
1972. Roadside, 26km southeast of Funtua to Zaria. 670m.
Hybrid with cult. Cultivated. Seed.
447592. KR 189. IITA, Ibadan. TVU 3844. Collected October 19,
1972. Farm, 26km southeast of Funtua to Zaria. 670m.
Cultivated. Seed.
447593. KR 191. IITA, Ibadan. TVU 3845. Collected October 20,
1972. Farm, 6km south of Zaria to Kaduna. 650m.
Cultivated. Seed.
447594. KR 192. IITA, Ibadan. TVU 3846. Collected October 20,
1972. Farm, Tudusunanta, 13km west of Zaria. 600m.
Cultivated. Seed.
447595. KR 194. IITA, Ibadan. TVU 3847. Collected October 20,
1972. Farm, 2km west of Zaria. 610m. Cultivated. Seed.

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447596. KR 195. IITA, Ibadan. TVU 3848. Collected October 20, 1972. Farm, 12km south of Zaria to Kaduna. Cultivated. Seed.
447597. KR 197. IITA, Ibadan. TVU 3850. Collected October 20, 1972. Farm, 8km south of Zaria to Kaduna. 560m. Wild. Seed.
447598. KR 198. IITA, Ibadan. TVU 3851. Collected October 21, 1972. Farm, 24km west of Kaduna to Tegna. Cultivated. Seed.
447599. KR 199. IITA, Ibadan. TVU 3852. Collected October 21, 1972. Farm, 35km west of Kaduna to Tegna. 550m. Cultivated. Seed.
447600. KR 200. IITA, Ibadan. TVU 3853. Collected October 21, 1972. Farm, 43km west of Kaduna to Tegna. 570m. Wild. Seed.
447601. KR 201. IITA, Ibadan. TVU 3854. Collected October 21, 1972. Roadside, 65km west of Kaduna to Tegna. 570m. Wild. Seed.
447602. KR 202. IITA, Ibadan. TVU 3855. Collected October 21, 1972. Farm, Pandogari on Kaduna-Tegna road. 350m. Cultivated. Seed.
447603. KR 203. IITA, Ibadan. TVU 3856. Collected October 21, 1972. Farm, 62km north of Bida to Tegna. 210m. Cultivated. Seed.
447604. KR 204. IITA, Ibadan. TVU 3857. Collected October 21, 1972. Farm, 40km north of Bida to Tegna. 130m. Cultivated. Seed.
447605. KR 205. IITA, Ibadan. TVU 3858. Collected October 21, 1972. Farm, 32km north of Bida to Tegna. 130m. Cultivated. Seed.
447606. KR 206. IITA, Ibadan. TVU 3859. Collected October 22, 1972. Farm, 12km west of Mokwa to Kainji. 120m. Cultivated. Seed.
447607. KR 209. IITA, Ibadan. TVU 3861. Collected October 22, 1972. Farm, 28km south of Wawa (New Bussa). 220m. Cultivated. Seed.
447608. KR 210. IITA, Ibadan. TVU 3862. Collected October 22, 1972. Farm, 43km south of Wawa (New Bussa). 260m. Cultivated. Seed.

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447609. KR 211. IITA, Ibadan. TVU 3863. Collected October 22, 1972. Farm, Kaiyama, 171km northwest of Ilorin. 300m. Cultivated. Seed.
447610. KR 212. IITA, Ibadan. TVU 3864. Collected October 22, 1972. Farm, Kaiyama, 171km northwest of Ilorin. 300m. Cultivated. Seed.
447611. KR 213. IITA, Ibadan. TVU 3865. Collected October 22, 1972. Farm, 160km northwest of Ilorin. 310m. Cultivated. Seed.
447612. KR 214. IITA, Ibadan. TVU 3866. Collected October 22, 1972. Farm, Igbetti, 62km northwest of Ilorin. 300m. Cultivated. Seed.
447613. KR 215. IITA, Ibadan. TVU 3867. Collected October 22, 1972. Farm, Dogo, 48km northwest of Ilorin. 300m. Cultivated. Seed.
447614. KR 216. IITA, Ibadan. TVU 3868. Collected October 03, 1972. Talata Mafara market, 115km southeast of Sokoto. Cultivated. Seed.
447615. KR 218. IITA, Ibadan. TVU 3870. Collected October 05, 1972. Jega market, 115km southeast of Sokoto. Cultivated. Seed.
447616. KR 219. IITA, Ibadan. TVU 3871. Collected October 05, 1972. Jega market, 115km southeast of Sokoto. Cultivated. Seed.
447617. KR 222. IITA, Ibadan. TVU 3872. Collected October 06, 1972. Moriki market, 35km north of Kaura Namode. Cultivated. Seed.
447618. KR 223. IITA, Ibadan. TVU 3873. Collected October 06, 1972. Market, Kaura Namode, 58km north of Gusau. Cultivated. Seed.
447619. KR 224. IITA, Ibadan. TVU 3874. Collected October 06, 1972. Market, Kaura Namode, 58km north of Gusau. Cultivated. Seed.
447620. KR 225. IITA, Ibadan. TVU 3875. Collected October 06, 1972. Market, Moriki, 35km north of Kaura Namode. Cultivated. Seed.
447621. KR 226. IITA, Ibadan. TVU 3876. Collected October 07, 1972. Market, Biliji, 22km southwest of Jibiya. Cultivated. Seed.

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447622. KR 227. IITA, Ibadan. TVU 3877. Collected October 07, 1972. Market, Biliji, 22km southwest of Jibiya. Cultivated. Seed.
447623. KR 228. IITA, Ibadan. TVU 3878. Collected October 07, 1972. Market, Katsina. Cultivated. Seed.
447624. KR 229. IITA, Ibadan. TVU 3879. Collected October 07, 1972. Market, Katsina. Cultivated. Seed.
447625. KR 230. IITA, Ibadan. TVU 3880. Collected October 07, 1972. Market, Katsina. Cultivated. Seed.
447626. KR 231. IITA, Ibadan. TVU 3881. Collected October 07, 1972. Market, Biliji, 22km southwest of Jibiya. Cultivated. Seed.
447627. KR 232. IITA, Ibadan. TVU 3882. Collected October 08, 1972. Market, Kwana Dangora. Cultivated. Seed.
447628. KR 233. IITA, Ibadan. TVU 3883. Collected October 08, 1972. Market, Dambatta, 56km northeast of Kano. Cultivated. Seed.
447629. KR 234. IITA, Ibadan. TVU 3884. Collected October 08, 1972. Market, Dambatta, 56km northeast of Kano. Cultivated. Seed.
447630. KR 235. IITA, Ibadan. TVU 3885. Collected October 08, 1972. Market, Dambatta, 56km northeast of Kano. Cultivated. Seed.
447631. KR 236. IITA, Ibadan. TVU 3886. Collected October 11, 1972. Market, Bauchi. Cultivated. Seed.
447632. KR 238. IITA, Ibadan. TVU 3888. Collected October 11, 1972. Market, Rimin Sanya, Jos-Bauchi road. Cultivated. Seed.
447633. KR 239. IITA, Ibadan. TVU 3889. Collected October 13, 1972. Market, Baga, Lake Chad. Cultivated. Seed.
447634. KR 240. IITA, Ibadan. TVU 3890. Collected October 13, 1972. Market, Maiduguri. Cultivated. Seed.
447635. KR 241. IITA, Ibadan. TVU 3891. Collected October 16, 1972. Market, Biu. Cultivated. Seed.
447636. KR 242. IITA, Ibadan. TVU 3892. Collected October 17, 1972. Market, Rudyausa, 17km north of Bauchi. Cultivated. Seed.

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447637. KR 243. IITA, Ibadan. TVU 3893. Collected October 21, 1972. Market, Pandogari. Cultivated. Seed.
447638. KR 244. IITA, Ibadan. TVU 3894. Collected October 21, 1972. Market, Pandogari. Cultivated. Seed.
447639. KR 245. Senegal. IITA, Ibadan. TVU 3895. Collected September 30, 1972. Market, Samaru, from Dr. Leleji. Cultivated. Seed.
447640. KR 247. IITA, Ibadan. TVU 3896. Collected October 08, 1972. Roadside, 16km east of Yashi. Wild. Seed.
447641. KR 249. IITA, Ibadan. TVU 3897. Collected October 13, 1972. Market, Mongonu. Cultivated. Seed.
447642. KR 252. IITA, Ibadan. TVU 3959. Collected November 13, 1972. Farm, Papa, 27km east of Ibadan on Iwo road. 170m. Cultivated. Seed.
447643. KR 253. IITA, Ibadan. TVU 3960. Collected November 13, 1972. Farm, Iwo, 43km east of Ibadan. 180m. Cultivated. Seed.
447644. KR 255. IITA, Ibadan. TVU 3961. Collected November 13, 1972. Farm, 67km east of Ibadan to Oshogbo. 250m. Cultivated. Seed.
447645. KR 257A. IITA, Ibadan. TVU 3963. Collected November 13, 1972. Farm, Ede, 80km east of Ibadan to Oshogbo. 240m. Cultivated. Seed.
447646. KR 257B. IITA, Ibadan. TVU 3964. Collected November 13, 1972. Farm, Ede, 80km east of Ibadan to Oshogbo. 240m. Cultivated. Seed.
447647. KR 257C. IITA, Ibadan. TVU 3965. Collected November 13, 1972. Farm, Ede, 80km east of Ibadan to Oshogbo. 240m. Cultivated. Seed.
447648. KR 258A. IITA, Ibadan. TVU 3966. Collected November 13, 1972. Farm, 85km east of Ibadan to Oshogbo. 280m. Cultivated. Seed.
447649. KR 258B. IITA, Ibadan. TVU 3967. Collected November 13, 1972. Farm, 85km east of Ibadan to Oshogbo. 280m. Cultivated. Seed.
447650. KR 258C. IITA, Ibadan. TVU 3969. Collected November 13, 1972. Farm, 85km east of Ibadan to Oshogbo. 280m. Cultivated. Seed.

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447651. KR 259A. IITA, Ibadan. TVU 3970. Collected November 13, 1972. Farm, 8km north of Oshogbo to Cffa. 330m. Cultivated. Seed.
447652. KR 259B. IITA, Ibadan. TVU 3971. Collected November 13, 1972. Farm, 8km north of Oshogbo to Cffa. 330m. Cultivated. Seed.
447653. KR 259C. IITA, Ibadan. TVU 3972. Collected November 13, 1972. Farm, 8km north of Oshogbo to Cffa. 330m. Cultivated. Seed.
447654. KR 261A. IITA, Ibadan. TVU 3974. Collected November 13, 1972. Farm, 38km north of Oshogbo to Cffa. 340m. Cultivated. Seed.
447655. KR 261B. IITA, Ibadan. TVU 3975. Collected November 13, 1972. Farm, 38km north of Oshogbo to Cffa. 340m. Cultivated. Seed.
447656. KR 262A. IITA, Ibadan. TVU 3976. Collected November 13, 1972. Farm, Erin-Ile, 56km north of Cshogbo to Offa. 350m. Cultivated. Seed.
447657. KR 262B. IITA, Ibadan. TVU 3977. Collected November 13, 1972. Farm, Erin-Ile, 56km north of Cshogbo to Offa. 350m. Cultivated. Seed.
447658. KR 262C. IITA, Ibadan. TVU 3978. Collected November 13, 1972. Farm, Erin-Ile, 56km north of Cshogbo to Offa. 350m. Cultivated. Seed.
447659. KR 262D. IITA, Ibadan. TVU 3979. Collected November 13, 1972. Farm, Erin-Ile, 56km north of Cshogbo to Offa. 350m. Cultivated. Seed.
447660. KR 263A. IITA, Ibadan. TVU 3980. Collected November 13, 1972. Farm, Offa, 65km north of Oshogbo. 380m. Cultivated. Seed.
447661. KR 263B. IITA, Ibadan. TVU 3981. Collected November 13, 1972. Farm, Offa, 65km north of Oshogbo. 380m. Cultivated. Seed.
447662. KR 263C. IITA, Ibadan. TVU 3982. Collected November 13, 1972. Farm, Offa, 65km north of Oshogbo. 380m. Cultivated. Seed.
447663. KR 263D. IITA, Ibadan. TVU 3983. Collected November 13, 1972. Farm, Offa, 65km north of Oshogbo. 380m. Cultivated. Seed.

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447664. KR 264A. IITA, Ibadan. TVU 3984. Collected November 13, 1972. Farm, Oro, 52km east of Ilorin. 400m. Cultivated. Seed.
447665. KR 264B. IITA, Ibadan. TVU 3985. Collected November 13, 1972. Farm, Oro, 52km east of Ilorin. 400m. Cultivated. Seed.
447666. KR 265A. IITA, Ibadan. TVU 3986. Collected November 13, 1972. Farm, 69km east of Ilorin to Kabba. 550m. Cultivated. Seed.
447667. KR 265B. IITA, Ibadan. TVU 3987. Collected November 13, 1972. Farm, 69km east of Ilorin to Kabba. 550m. Cultivated. Seed.
447668. KR 268A. IITA, Ibadan. TVU 3988. Collected November 13, 1972. Farm, Ilofa, 87km east of Ilorin to Kabba. 540m. Cultivated. Seed.
447669. KR 268B. IITA, Ibadan. TVU 3989. Collected November 13, 1972. Farm, Ilofa, 87km east of Ilorin to Kabba. 540m. Cultivated. Seed.
447670. KR 269A. IITA, Ibadan. TVU 3990. Collected November 13, 1972. Farm, Osi, 95km east of Ilorin to Kabba. 550m. Cultivated. Seed.
447671. KR 269B. IITA, Ibadan. TVU 3991. Collected November 13, 1972. Farm, Osi, 95km east of Ilorin to Kabba. 550m. Cultivated. Seed.
447672. KR 270. IITA, Ibadan. TVU 3992. Collected November 13, 1972. Farm, Araromi, 109km east of Ilorin to Kabba. 390m. Cultivated. Seed.
447673. KR 273A. IITA, Ibadan. TVU 3993. Collected November 14, 1972. Farm, Kabba. 450m. Cultivated. Seed.
447674. KR 273B. IITA, Ibadan. TVU 3994. Collected November 14, 1972. Farm, Kabba. 450m. Cultivated. Seed.
447675. KR 273C. IITA, Ibadan. TVU 3995. Collected November 14, 1972. Farm, Kabba. 450m. Cultivated. Seed.
447676. KR 275. IITA, Ibadan. TVU 3997. Collected November 14, 1972. Farm, 30km east of Kabba to Ikoja. 400m. Cultivated. Seed.
447677. KR 282A. IITA, Ibadan. TVU 4002. Collected November 14, 1972. Farm, 26km southwest of Ikoja to Ckenne. 180m. Cultivated. Seed.

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447678. KR 282B. IITA, Ibadan. TVU 4003. Collected November 14, 1972. Farm, 26km southwest of Lokoja to Okenne. 180m. Cultivated. Seed.
447679. KR 282C. IITA, Ibadan. TVU 4004. Collected November 14, 1972. Farm, 26km southwest of Lokoja to Okenne. 180m. Cultivated. Seed.
447680. KR 282D. IITA, Ibadan. TVU 4005. Collected November 14, 1972. Farm, 26km southwest of Lokoja to Okenne. 180m. Cultivated. Seed.
447681. KR 282E. IITA, Ibadan. TVU 4006. Collected November 14, 1972. Farm, 26km southwest of Lokoja to Okenne. 180m. Cultivated. Seed.
447682. KR 282F. IITA, Ibadan. TVU 4007. Collected November 14, 1972. Farm, 26km southwest of Lokoja to Okenne. 180m. Cultivated. Seed.
447683. KR 285A. IITA, Ibadan. TVU 4008. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447684. KR 285B. IITA, Ibadan. TVU 4009. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447685. KR 285C. IITA, Ibadan. TVU 4010. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447686. KR 286A. IITA, Ibadan. TVU 4011. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447687. KR 286B. IITA, Ibadan. TVU 4012. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447688. KR 286C. IITA, Ibadan. TVU 4013. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447689. KR 286D. IITA, Ibadan. TVU 4014. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447690. KR 287. IITA, Ibadan. TVU 4015. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447691. KR 288A. IITA, Ibadan. TVU 4016. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447692. KR 288B. IITA, Ibadan. TVU 4017. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447693. KR 289A. IITA, Ibadan. TVU 4018. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.

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447694. KR 289B. IITA, Ibadan. TVU 4019. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447695. KR 289C. IITA, Ibadan. TVU 4020. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447696. KR 289D. IITA, Ibadan. TVU 4021. Collected November 14, 1972. Market, Okenne. Cultivated. Seed.
447697. KR 293A. IITA, Ibadan. TVU 4022. Collected November 14, 1972. Farm, 13km north of Auchi. 180m. Cultivated. Seed.
447698. KR 293B. IITA, Ibadan. TVU 4023. Collected November 14, 1972. Farm, 13km north of Auchi. 180m. Cultivated. Seed.
447699. KR 293C. IITA, Ibadan. TVU 4024. Collected November 14, 1972. Farm, 13km north of Auchi. 180m. Cultivated. Seed.
447700. KR 293D. IITA, Ibadan. TVU 4025. Collected November 14, 1972. Farm, 13km north of Auchi. 180m. Cultivated. Seed.
447701. KR 293E. IITA, Ibadan. TVU 4026. Collected November 14, 1972. Farm, 13km north of Auchi. 180m. Cultivated. Seed.
447702. KR 294A. IITA, Ibadan. TVU 4027. Collected November 15, 1972. Farm, 10km east of Auchi to Agenebode. 150m. Cultivated. Seed.
447703. KR 294B. IITA, Ibadan. TVU 4028. Collected November 15, 1972. Farm, 10km east of Auchi to Agenebode. 150m. Cultivated. Seed.
447704. KR 297. IITA, Ibadan. TVU 4029. Collected November 15, 1972. Farm, 41km east of Auchi to Agenebode. Cultivated. Seed.
447705. KR 298A. IITA, Ibadan. TVU 4030. Collected November 15, 1972. Farm, 57km east of Auchi to Agenebode. Cultivated. Seed.
447706. KR 298B. IITA, Ibadan. TVU 4031. Collected November 15, 1972. Farm, 57km east of Auchi to Agenebode. Cultivated. Seed.
447707. KR 299. IITA, Ibadan. TVU 4032. Collected November 15, 1972. Farm, 4km east of Agenebode. Cultivated. Seed.
447708. KR 300. IITA, Ibadan. TVU 4033. Collected November 15, 1972. Farm, 2km east of Agenebode. Cultivated. Seed.
447709. KR 301. IITA, Ibadan. TVU 4034. Collected November 15, 1972. Market, Agenebode. Cultivated. Seed.

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447710. KR 305A. IITA, Ibadan. TVU 4037. Collected November 15, 1972. Farm, 24km northwest of Agenebode to Opepwe-Auchi. Cultivated. Seed.
447711. KR 305B. IITA, Ibadan. TVU 4038. Collected November 15, 1972. Farm, 24km northwest of Agenebode to Opepwe-Auchi. Cultivated. Seed.
447712. KR 305C. IITA, Ibadan. TVU 4039. Collected November 15, 1972. Farm, 24km northwest of Agenebode to Opepwe-Auchi. Cultivated. Seed.
447713. KR 306. IITA, Ibadan. TVU 4040. Collected November 15, 1972. Farm, 13km east of Auchi to Cpepwe. 150m. Cultivated. Seed.
447714. KR 309. IITA, Ibadan. TVU 4041. Collected November 15, 1972. Farm, 8km south of Auchi to Benin. 190m. Cultivated. Seed.
447715. KR 311A. IITA, Ibadan. TVU 4042. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447716. KR 311B. IITA, Ibadan. TVU 4043. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447717. KR 312A. IITA, Ibadan. TVU 4044. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447718. KR 312B. IITA, Ibadan. TVU 4045. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447719. KR 313A. IITA, Ibadan. TVU 4046. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447720. KR 313B. IITA, Ibadan. TVU 4047. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447721. KR 313C. IITA, Ibadan. TVU 4048. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447722. KR 314. IITA, Ibadan. TVU 4049. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447723. KR 316. IITA, Ibadan. TVU 4051. Collected November 15, 1972. Market, Ewu, 98km north of Benin. Cultivated. Seed.
447724. KR 317. IITA, Ibadan. TVU 4052. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.
447725. KR 318. IITA, Ibadan. TVU 4053. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.

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447726. KR 319A. IITA, Ibadan. TVU 4054. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.
447727. KR 319B. IITA, Ibadan. TVU 4055. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.
447728. KR 319C. IITA, Ibadan. TVU 4056. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.
447729. KR 322. IITA, Ibadan. TVU 4057. Collected November 17, 1972. Farm, Iziama, 18km north of Cwerri. 50m. Cultivated. Seed.
447730. KR 320A. IITA, Ibadan. TVU 4058. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.
447731. KR 320B. IITA, Ibadan. TVU 4059. Collected November 16, 1972. Market, Sapele. Cultivated. Seed.
447732. KR 323C. IITA, Ibadan. TVU 4062. Collected November 17, 1972. Market, Ulakwo, 16km south of Cwerri to Aba. Cultivated. Seed.
447733. KR 323D. IITA, Ibadan. TVU 4063. Collected November 17, 1972. Market, Ulakwo, 16km south of Cwerri to Aba. Cultivated. Seed.
447734. KR 324A. IITA, Ibadan. TVU 4064. Collected November 17, 1972. Market, Ulakwo, 16km south of Cwerri to Aba. Cultivated. Seed.
447735. KR 324B. IITA, Ibadan. TVU 4065. Collected November 17, 1972. Market, Ulakwo, 16km south of Cwerri to Aba. Cultivated. Seed.
447736. KR 324C. IITA, Ibadan. TVU 4066. Collected November 17, 1972. Market, Ulakwo, 16km south of Cwerri to Aba. Cultivated. Seed.
447737. KR 328A. IITA, Ibadan. TVU 4067. Collected November 18, 1972. Market, Elele, 53km west of Fort Harcourt. Cultivated. Seed.
447738. KR 328B. IITA, Ibadan. TVU 4068. Collected November 18, 1972. Market, Elele, 53km west of Fort Harcourt. Cultivated. Seed.
447739. KR 328C. IITA, Ibadan. TVU 4069. Collected November 18, 1972. Market, Elele, 53km west of Fort Harcourt. Cultivated. Seed.
447740. KR 328D. IITA, Ibadan. TVU 4070. Collected November 18,

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1972. Market, Elele, 53km west of Port Harcourt.
Cultivated. Seed.
447741. KR 328E. IITA, Ibadan. TVU 4071. Collected November 18,
1972. Market, Elele, 53km west of Fort Harcourt.
Cultivated. Seed.
447742. KR 328F. IITA, Ibadan. TVU 4072. Collected November 18,
1972. Market, Elele, 53km west of Fort Harcourt.
Cultivated. Seed.
447743. KR 335A. IITA, Ibadan. TVU 4073. Collected November 21,
1972. Market, Ikot-Ekpenne. Cultivated. Seed.
447744. KR 335B. IITA, Ibadan. TVU 4074. Collected November 21,
1972. Market, Ikot-Ekpenne. Cultivated. Seed.
447745. KR 335C. IITA, Ibadan. TVU 4075. Collected November 21,
1972. Market, Ikot-Ekpenne. Cultivated. Seed.
447746. KR 336. IITA, Ibadan. TVU 4076. Collected November 21,
1972. Market, Ikot-Ekpenne. Cultivated. Seed.
447747. KR 341A. IITA, Ibadan. TVU 4077. Collected November 21,
1972. Farm, near Aba. Cultivated. Seed.
447748. KR 341B. IITA, Ibadan. TVU 4078. Collected November 21,
1972. Farm, near Aba. Cultivated. Seed.
447749. KR 357. IITA, Ibadan. TVU 4079. Collected November 24,
1972. Farm, Itigidi, 16km east of Afikpo. 10m. Cultivated.
Seed.
447750. KR 362. IITA, Ibadan. TVU 4081. Collected November 26,
1972. Farm, 24km east of Ogoja to Obudu. 130m. Cultivated.
Seed.
447751. KR 364A. IITA, Ibadan. TVU 4082. Collected December 02,
1972. Farm, Katsina Ala on way to Takum. 130m. Cultivated.
Seed.
447752. KR 364B. IITA, Ibadan. TVU 4083. Collected December 02,
1972. Farm, Katsina Ala on way to Takum. 130m. Cultivated.
Seed.
447753. KR 364C. IITA, Ibadan. TVU 4084. Collected December 02,
1972. Farm, Katsina Ala on way to Takum. 130m. Cultivated.
Seed.
447754. KR 367. IITA, Ibadan. TVU 4085. Collected November 28,
1972. Farm, 13km from Obudu to the Ranch. 230m.
Cultivated. Seed.

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447755. KR 369B. IITA, Ibadan. TVU 4087. Collected November 28, 1972. Farm, 26km east of Abakaliki to Ikom. 120m. Cultivated. Seed.
447756. KR 371A. IITA, Ibadan. TVU 4088. Collected November 30, 1972. Farm, Otukpa, 52km northeast of Nsukka. 400m. Cultivated. Seed.
447757. KR 371B. IITA, Ibadan. TVU 4089. Collected November 30, 1972. Farm, Otukpa, 52km northeast of Nsukka. 400m. Cultivated. Seed.
447758. KR 372A. IITA, Ibadan. TVU 4090. Collected November 30, 1972. Farm, 22km northwest of Otukpa to Shintaku. 310m. Cultivated. Seed.
447759. KR 372B. IITA, Ibadan. TVU 4091. Collected November 30, 1972. Farm, 22km northwest of Otukpa to Shintaku. 310m. Cultivated. Seed.
447760. KR 372C. IITA, Ibadan. TVU 4092. Collected November 30, 1972. Farm, 22km northwest of Otukpa to Shintaku. 310m. Cultivated. Seed.
447761. KR 376A. IITA, Ibadan. TVU 4094. Collected November 30, 1972. Farm, 96km northwest of Otukpa. 250m. Cultivated. Seed.
447762. KR 376B. IITA, Ibadan. TVU 4095. Collected November 30, 1972. Farm, 96km northwest of Otukpa. 250m. Cultivated. Seed.
447763. KR 377. IITA, Ibadan. TVU 4096. Collected November 30, 1972. Farm, 99km northwest of Otukpa. 250m. Cultivated. Seed.
447764. KR 379. IITA, Ibadan. TVU 4097. Collected November 30, 1972. Farm, 120km northwest of Otukpa. Cultivated. Seed.
447765. KR 380A. IITA, Ibadan. TVU 4098. Collected November 30, 1972. Farm, 43km northeast of Nsukka to Otukpa. 380m. Cultivated. Seed.
447766. KR 382C. IITA, Ibadan. TVU 4102. Collected December 01, 1972. Farm, 53km northeast of Nsukka. 350m. Cultivated. Seed.
447767. KR 383. IITA, Ibadan. TVU 4103. Collected December 01, 1972. Farm, near Oturkpo. 50m. Cultivated. Seed.
447768. KR 385C. IITA, Ibadan. TVU 4106. Collected December 01, 1972. Farm, 65km south of Makurdi to Yandev. 150m.

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Cultivated. Seed.

447769. KR 388B. IITA, Ibadan. TVU 4109. Collected December 02, 1972. Farm, 13km east of Katsina Ala to Takum. 120m. Cultivated. Seed.
447770. KR 393A. IITA, Ibadan. TVU 4111. Collected December 02, 1972. Farm, 48km east of Katsina Ala to Takum. Cultivated. Seed.
447771. KR 393B. IITA, Ibadan. TVU 4112. Collected December 02, 1972. Farm, 48km east of Katsina Ala to Takum. Cultivated. Seed.
447772. KR 394B. IITA, Ibadan. TVU 4114. Collected December 02, 1972. Market, Takum. Cultivated. Seed.
447773. KR 398B. IITA, Ibadan. TVU 4121. Collected December 02, 1972. Market, Nyita. Cultivated. Seed.
447774. KR 398C. IITA, Ibadan. TVU 4122. Collected December 02, 1972. Market, Nyita. Cultivated. Seed.
447775. KR 405B. IITA, Ibadan. TVU 4129. Collected December 04, 1972. Farm, 5km northeast of Yandev to Wukari. 120m. Cultivated. Seed.
447776. KR 405C. IITA, Ibadan. TVU 4130. Collected December 04, 1972. Farm, 5km northeast of Yandev to Wukari. 120m. Cultivated. Seed.
447777. KR 405D. IITA, Ibadan. TVU 4131. Collected December 04, 1972. Farm, 5km northeast of Yandev to Wukari. 120m. Cultivated. Seed.
447778. KR 406B. IITA, Ibadan. TVU 4133. Collected December 04, 1972. Farm, 32km northeast of Yandev to Wukari. Cultivated. Seed.
447779. KR 407D. IITA, Ibadan. TVU 4137. Collected December 04, 1972. Farm, 49km northeast of Yandev to Wukari. Cultivated. Seed.
447780. KR 408B. IITA, Ibadan. TVU 4139. Collected December 04, 1972. Farm, 63km northeast of Yandev to Wukari. Cultivated. Seed.
447781. KR 409A. IITA, Ibadan. TVU 4140. Collected December 04, 1972. Farm, 77km northeast of Yandev to Wukari. Cultivated. Seed.
447782. KR 409B. IITA, Ibadan. TVU 4141. Collected December 04, 1972. Farm, 77km northeast of Yandev to Wukari.

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Cultivated. Seed.

447783. KR 409C. IITA, Ibadan. TVU 4142. Collected December 04, 1972. Farm, 77km northeast of Yandev to Wukari. Cultivated. Seed.
447784. KR 409D. IITA, Ibadan. TVU 4143. Collected December 04, 1972. Farm, 77km northeast of Yandev to Wukari. Cultivated. Seed.
447785. KR 410B. IITA, Ibadan. TVU 4145. Collected December 04, 1972. Farm, 90km northeast of Yandev to Wukari. 150m. Cultivated. Seed.
447786. KR 412B. IITA, Ibadan. TVU 4150. Collected December 04, 1972. Farm, 16km south of Wukari. 130m. Cultivated. Seed.
447787. KR 414A. IITA, Ibadan. TVU 4153. Collected December 04, 1972. Farm, 26km southeast of Rafinkada. 140m. Cultivated. Seed.
447788. KR 414B. IITA, Ibadan. TVU 4154. Collected December 04, 1972. Farm, 26km southeast of Rafinkada. 140m. Cultivated. Seed.
447789. KR 414C. IITA, Ibadan. TVU 4155. Collected December 04, 1972. Farm, 26km southeast of Rafinkada. 140m. Cultivated. Seed.
447790. KR 414D. IITA, Ibadan. TVU 4156. Collected December 04, 1972. Farm, 26km southeast of Rafinkada. 140m. Cultivated. Seed.
447791. KR 414F. IITA, Ibadan. TVU 4158. Collected December 04, 1972. Farm, 26km southeast of Rafinkada. 140m. Cultivated. Seed.
447792. KR 414G. IITA, Ibadan. TVU 4159. Collected December 04, 1972. Farm, 26km southeast of Rafinkada. 140m. Cultivated. Seed.
447793. KR 420B. IITA, Ibadan. TVU 4167. Collected December 04, 1972. Farm, 52km northeast of Sabongida to Belli. 180m. Cultivated. Seed.
447794. KR 425A. IITA, Ibadan. TVU 4173. Collected December 05, 1972. Farm, 87km southeast of Belli to Gembu. 280m. Cultivated. Seed.
447795. KR 425B. IITA, Ibadan. TVU 4174. Collected December 05, 1972. Farm, 87km southeast of Belli to Gembu. 280m. Cultivated. Seed.

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447796. KR 426A. IITA, Ibadan. TVU 4175. Collected December 06, 1972. Farm, 50km south of Wukari. Cultivated. Seed.
447797. KR 426B. IITA, Ibadan. TVU 4176. Collected December 06, 1972. Farm, 50km south of Wukari. Cultivated. Seed.
447798. KR 426C. IITA, Ibadan. TVU 4177. Collected December 06, 1972. Farm, 50km south of Wukari. Cultivated. Seed.
447799. KR 427C. IITA, Ibadan. TVU 4180. Collected December 06, 1972. Farm, 55km north of Belli to Jalingo. 150m. Cultivated. Seed.
447800. KR 428A. IITA, Ibadan. TVU 4181. Collected December 06, 1972. Farm, 80km north of Belli to Jalingo. 170m. Cultivated. Seed.
447801. KR 428B. IITA, Ibadan. TVU 4182. Collected December 06, 1972. Farm, 80km north of Belli to Jalingo. 170m. Cultivated. Seed.
447802. KR 428C. IITA, Ibadan. TVU 4183. Collected December 06, 1972. Farm, 80km north of Belli to Jalingo. 170m. Cultivated. Seed.
447803. KR 428D. IITA, Ibadan. TVU 4184. Collected December 06, 1972. Farm, 80km north of Belli to Jalingo. 170m. Cultivated. Seed.
447804. KR 429A. IITA, Ibadan. TVU 4185. Collected December 06, 1972. Farm, 102km north of Belli to Jalingo. 140m. Cultivated. Seed.
447805. KR 429B. IITA, Ibadan. TVU 4186. Collected December 06, 1972. Farm, 102km north of Belli to Jalingo. 140m. Cultivated. Seed.
447806. KR 430A. IITA, Ibadan. TVU 4187. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
447807. KR 430B. IITA, Ibadan. TVU 4188. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
447808. KR 430C. IITA, Ibadan. TVU 4189. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
447809. KR 430D. IITA, Ibadan. TVU 4190. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
447810. KR 430E. IITA, Ibadan. TVU 4191. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.

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- 447811. KR 430F. IITA, Ibadan. TVU 4192. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447812. KR 430G. IITA, Ibadan. TVU 4193. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447813. KR 430H. IITA, Ibadan. TVU 4194. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447814. KR 430I. IITA, Ibadan. TVU 4195. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447815. KR 430J. IITA, Ibadan. TVU 4196. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447816. KR 430K. IITA, Ibadan. TVU 4197. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447817. KR 430L. IITA, Ibadan. TVU 4198. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447818. KR 431A. IITA, Ibadan. TVU 4199. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447819. KR 431B. IITA, Ibadan. TVU 4200. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447820. KR 432A. IITA, Ibadan. TVU 4201. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447821. KR 432B. IITA, Ibadan. TVU 4202. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447822. KR 432C. IITA, Ibadan. TVU 4203. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447823. KR 432D. IITA, Ibadan. TVU 4204. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447824. KR 432E. IITA, Ibadan. TVU 4205. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447825. KR 432F. IITA, Ibadan. TVU 4206. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447826. KR 432G. IITA, Ibadan. TVU 4207. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447827. KR 432H. IITA, Ibadan. TVU 4208. Collected December 06, 1972. Market, Jalingo. Cultivated. Seed.
- 447828. KR 434A. IITA, Ibadan. TVU 4210. Collected December 06,

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1972. Farm, 115km southwest of Yola to Jalingo. 550m.
Cultivated. Seed.
447829. KR 434B. IITA, Ibadan. TVU 4211. Collected December 06,
1972. Farm, 115km southwest of Yola to Jalingo. 550m.
Cultivated. Seed.
447830. KR 434C. IITA, Ibadan. TVU 4212. Collected December 06,
1972. Farm, 115km southwest of Yola to Jalingo. 550m.
Cultivated. Seed.
447831. KR 434D. IITA, Ibadan. TVU 4213. Collected December 06,
1972. Farm, 115km southwest of Yola to Jalingo. 550m.
Cultivated. Seed.
447832. KR 434E. IITA, Ibadan. TVU 4214. Collected December 06,
1972. Farm, 115km southwest of Yola to Jalingo. 550m.
Cultivated. Seed.
447833. KR 434F. IITA, Ibadan. TVU 4215. Collected December 06,
1972. Farm, 115km southwest of Yola to Jalingo. 550m.
Cultivated. Seed.
447834. KR 436A. IITA, Ibadan. TVU 4216. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447835. KR 436B. IITA, Ibadan. TVU 4217. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447836. KR 436C. IITA, Ibadan. TVU 4218. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447837. KR 436D. IITA, Ibadan. TVU 4219. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447838. KR 436E. IITA, Ibadan. TVU 4220. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447839. KR 436F. IITA, Ibadan. TVU 4221. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447840. KR 436. IITA, Ibadan. TVU 4224. Collected December 06,
1972. Market, Yola. Cultivated. Seed.
447841. KR 439A. IITA, Ibadan. TVU 4225. Collected December 07,
1972. Farm, 45km north of Yola to Mubi. Cultivated. Seed.
447842. KR 439B. IITA, Ibadan. TVU 4226. Collected December 07,
1972. Farm, 45km north of Yola to Mubi. Cultivated. Seed.
447843. KR 440A. IITA, Ibadan. TVU 4227. Collected December 07,
1972. Farm, 70km north of Yola to Mubi. 210m. Cultivated.
Seed.

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447844. KR 440B. IITA, Ibadan. TVU 4228. Collected December 07, 1972. Farm, 70km north of Yola to Mubi. 210m. Cultivated. Seed.
447845. KR 440C. IITA, Ibadan. TVU 4229. Collected December 07, 1972. Farm, 70km north of Yola to Mubi. 210m. Cultivated. Seed.
447846. KR 440D. IITA, Ibadan. TVU 4230. Collected December 07, 1972. Farm, 70km north of Yola to Mubi. 210m. Cultivated. Seed.
447847. KR 440E. IITA, Ibadan. TVU 4231. Collected December 07, 1972. Farm, 70km north of Yola to Mubi. 210m. Cultivated. Seed.
447848. KR 441A. IITA, Ibadan. TVU 4232. Collected December 07, 1972. Farm, 90km north of Yola to Mubi. 400m. Cultivated. Seed.
447849. KR 441B. IITA, Ibadan. TVU 4233. Collected December 07, 1972. Farm, 90km north of Yola to Mubi. 400m. Cultivated. Seed.
447850. KR 442A. IITA, Ibadan. TVU 4234. Collected December 07, 1972. Farm, 103km north of Yola to Mubi. 450m. Cultivated. Seed.
447851. KR 442B. IITA, Ibadan. TVU 4235. Collected December 07, 1972. Farm, 103km north of Yola to Mubi. 450m. Cultivated. Seed.
447852. KR 442C. IITA, Ibadan. TVU 4236. Collected December 07, 1972. Farm, 103km north of Yola to Mubi. 450m. Cultivated. Seed.
447853. KR 442D. IITA, Ibadan. TVU 4237. Collected December 07, 1972. Farm, 103km north of Yola to Mubi. 450m. Cultivated. Seed.
447854. KR 442E. IITA, Ibadan. TVU 4238. Collected December 07, 1972. Farm, 103km north of Yola to Mubi. 450m. Cultivated. Seed.
447855. KR 442F. IITA, Ibadan. TVU 4239. Collected December 07, 1972. Farm, 103km north of Yola to Mubi. 450m. Cultivated. Seed.
447856. KR 443. IITA, Ibadan. TVU 4240. Collected December 07, 1972. Farm, 113km north of Yola to Mubi. 500m. Cultivated. Seed.

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447857. KR 444B. IITA, Ibadan. TVU 4242. Collected December 07, 1972. Farm, 62km south of Mubi to Yola. Cultivated. Seed.
447858. KR 444C. IITA, Ibadan. TVU 4243. Collected December 07, 1972. Farm, 62km south of Mubi to Yola. Cultivated. Seed.
447859. KR 445A. IITA, Ibadan. TVU 4244. Collected December 07, 1972. Farm, 42km south of Mubi to Yola. 530m. Cultivated. Seed.
447860. KR 445B. IITA, Ibadan. TVU 4245. Collected December 07, 1972. Farm, 42km south of Mubi to Yola. 530m. Cultivated. Seed.
447861. KR 445C. IITA, Ibadan. TVU 4246. Collected December 07, 1972. Farm, 42km south of Mubi to Yola. 530m. Cultivated. Seed.
447862. KR 445D. IITA, Ibadan. TVU 4247. Collected December 07, 1972. Farm, 42km south of Mubi to Yola. 530m. Cultivated. Seed.
447863. KR 447A. IITA, Ibadan. TVU 4248. Collected December 07, 1972. Farm, 32km south of Mubi to Yola. 550m. Cultivated. Seed.
447864. KR 447B. IITA, Ibadan. TVU 4249. Collected December 07, 1972. Farm, 32km south of Mubi to Yola. 550m. Cultivated. Seed.
447865. KR 447C. IITA, Ibadan. TVU 4250. Collected December 07, 1972. Farm, 32km south of Mubi to Yola. 550m. Cultivated. Seed.
447866. KR 447D. IITA, Ibadan. TVU 4251. Collected December 07, 1972. Farm, 32km south of Mubi to Yola. 550m. Cultivated. Seed.
447867. KR 447E. IITA, Ibadan. TVU 4252. Collected December 07, 1972. Farm, 32km south of Mubi to Yola. 550m. Cultivated. Seed.
447868. KR 448A. IITA, Ibadan. TVU 4253. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447869. KR 448B. IITA, Ibadan. TVU 4254. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447870. KR 448C. IITA, Ibadan. TVU 4255. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated.

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Seed.

447871. KR 448D. IITA, Ibadan. TVU 4256. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447872. KR 448E. IITA, Ibadan. TVU 4257. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447873. KR 448F. IITA, Ibadan. TVU 4258. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447874. KR 448G. IITA, Ibadan. TVU 4259. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447875. KR 448H. IITA, Ibadan. TVU 4260. Collected December 07, 1972. Farm, 15km south of Mubi to Yola. 560m. Cultivated. Seed.
447876. KR 449A. IITA, Ibadan. TVU 4262. Collected December 07, 1972. Farm, 60km south of Mubi to Yola. Cultivated. Seed.
447877. KR 449B. IITA, Ibadan. TVU 4263. Collected December 07, 1972. Farm, 60km south of Mubi to Yola. Cultivated. Seed.
447878. KR 449C. IITA, Ibadan. TVU 4264. Collected December 07, 1972. Farm, 60km south of Mubi to Yola. Cultivated. Seed.
447879. KR 450A. IITA, Ibadan. TVU 4265. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447880. KR 450B. IITA, Ibadan. TVU 4266. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447881. KR 450C. IITA, Ibadan. TVU 4267. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447882. KR 450D. IITA, Ibadan. TVU 4268. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447883. KR 450E. IITA, Ibadan. TVU 4269. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447884. KR 450G. IITA, Ibadan. TVU 4271. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447885. KR 450H. IITA, Ibadan. TVU 4272. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447886. KR 450I. IITA, Ibadan. TVU 4273. Collected December 08,

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1972. Market, Numan. Cultivated. Seed.
447887. KR 450J. IITA, Ibadan. TVU 4274. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447888. KR 450K. IITA, Ibadan. TVU 4275. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447889. KR 451A. IITA, Ibadan. TVU 4276. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447890. KR 451B. IITA, Ibadan. TVU 4277. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447891. KR 451C. IITA, Ibadan. TVU 4278. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447892. KR 451D. IITA, Ibadan. TVU 4279. Collected December 08, 1972. Market, Numan. Cultivated. Seed.
447893. KR 452A. IITA, Ibadan. TVU 4280. Collected December 08, 1972. Market, 8km northwest of Numan to Gombe. Cultivated. Seed.
447894. KR 452B. IITA, Ibadan. TVU 4281. Collected December 08, 1972. Market, 8km northwest of Numan to Gombe. Cultivated. Seed.
447895. KR 452C. IITA, Ibadan. TVU 4282. Collected December 08, 1972. Market, 8km northwest of Numan to Gombe. Cultivated. Seed.
447896. KR 452D. IITA, Ibadan. TVU 4283. Collected December 08, 1972. Market, 8km northwest of Numan to Gombe. Cultivated. Seed.
447897. KR 453A. IITA, Ibadan. TVU 4284. Collected December 08, 1972. Market, 25km northwest of Numan to Gombe. Cultivated. Seed.
447898. KR 453B. IITA, Ibadan. TVU 4285. Collected December 08, 1972. Market, 25km northwest of Numan to Gombe. Cultivated. Seed.
447899. KR 453C. IITA, Ibadan. TVU 4286. Collected December 08, 1972. Market, 25km northwest of Numan to Gombe. Cultivated. Seed.
447900. KR 453E. IITA, Ibadan. TVU 4288. Collected December 08, 1972. Market, 25km northwest of Numan to Gombe. Cultivated. Seed.
447901. KR 455A. IITA, Ibadan. TVU 4289. Collected December 08,

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1972. Market, 108km southeast of Gombe to Numan.
Cultivated. Seed.
447902. KR 455B. IITA, Ibadan. TVU 4290. Collected December 08,
1972. Market, 108km southeast of Gombe to Numan.
Cultivated. Seed.
447903. KR 455C. IITA, Ibadan. TVU 4291. Collected December 08,
1972. Market, 108km southeast of Gombe to Numan.
Cultivated. Seed.
447904. KR 455D. IITA, Ibadan. TVU 4292. Collected December 08,
1972. Market, 108km southeast of Gombe to Numan.
Cultivated. Seed.
447905. KR 456A. IITA, Ibadan. TVU 4293. Collected December 08,
1972. Farm, 96km southeast of Gombe to Numan. Cultivated.
Seed.
447906. KR 456B. IITA, Ibadan. TVU 4294. Collected December 08,
1972. Farm, 96km southeast of Gombe to Numan. Cultivated.
Seed.
447907. KR 457A. IITA, Ibadan. TVU 4295. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447908. KR 457B. IITA, Ibadan. TVU 4296. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447909. KR 457C. IITA, Ibadan. TVU 4297. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447910. KR 457D. IITA, Ibadan. TVU 4298. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447911. KR 457E. IITA, Ibadan. TVU 4299. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447912. KR 457F. IITA, Ibadan. TVU 4300. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447913. KR 457G. IITA, Ibadan. TVU 4301. Collected December 08,
1972. Farm, 85km southeast of Gombe to Numan. Cultivated.
Seed.
447914. KR 459A. IITA, Ibadan. TVU 4302. Collected December 08,
1972. Farm, 74km southeast of Gombe to Numan. Cultivated.

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Seed.

447915. KR 459B. IITA, Ibadan. TVU 4303. Collected December 08, 1972. Farm, 74km southeast of Gombe to Numan. 450m. Cultivated. Seed.
447916. KR 460A. IITA, Ibadan. TVU 4305. Collected December 08, 1972. Farm, 57km southeast of Gombe to Numan. 370m. Cultivated. Seed.
447917. KR 460B. IITA, Ibadan. TVU 4306. Collected December 08, 1972. Farm, 57km southeast of Gombe to Numan. 370m. Cultivated. Seed.
447918. KR 460C. IITA, Ibadan. TVU 4307. Collected December 08, 1972. Farm, 57km southeast of Gombe to Numan. 370m. Cultivated. Seed.
447919. KR 461A. IITA, Ibadan. TVU 4308. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447920. KR 461B. IITA, Ibadan. TVU 4309. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447921. KR 461C. IITA, Ibadan. TVU 4310. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447922. KR 461D. IITA, Ibadan. TVU 4311. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447923. KR 461E. IITA, Ibadan. TVU 4312. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447924. KR 461F. IITA, Ibadan. TVU 4313. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447925. KR 461G. IITA, Ibadan. TVU 4314. Collected December 08, 1972. Farm, 40km southeast of Gombe to Numan. 350m. Cultivated. Seed.
447926. KR 462A. IITA, Ibadan. TVU 4315. Collected December 08, 1972. Farm, 26km southeast of Gombe to Numan. 620m. Cultivated. Seed.
447927. KR 462B. IITA, Ibadan. TVU 4316. Collected December 08, 1972. Farm, 26km southeast of Gombe to Numan. 620m. Cultivated. Seed.

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447928. KR 462C. IITA, Ibadan. TVU 4317. Collected December 08, 1972. Farm, 26km southeast of Gombe to Numan. 620m. Cultivated. Seed.
447929. KR 462D. IITA, Ibadan. TVU 4318. Collected December 08, 1972. Farm, 26km southeast of Gombe to Numan. 620m. Cultivated. Seed.
447930. KR 463A. IITA, Ibadan. TVU 4319. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447931. KR 463B. IITA, Ibadan. TVU 4320. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447932. KR 463C. IITA, Ibadan. TVU 4321. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447933. KR 463D. IITA, Ibadan. TVU 4322. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447934. KR 463E. IITA, Ibadan. TVU 4323. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447935. KR 463F. IITA, Ibadan. TVU 4324. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447936. KR 463G. IITA, Ibadan. TVU 4325. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447937. KR 463H. IITA, Ibadan. TVU 4326. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447938. KR 463I. IITA, Ibadan. TVU 4327. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447939. KR 465. IITA, Ibadan. TVU 4328. Collected December 08, 1972. Farm, 5km southeast of Gombe to Numan. 550m. Cultivated. Seed.
447940. KR 468A. IITA, Ibadan. TVU 4329. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447941. KR 468B. IITA, Ibadan. TVU 4330. Collected December 09,

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1972. Market, Pankshin. Cultivated. Seed.
447942. KR 468C. IITA, Ibadan. TVU 4331. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447943. KR 468D. IITA, Ibadan. TVU 4332. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447944. KR 468E. IITA, Ibadan. TVU 4333. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447945. KR 468F. IITA, Ibadan. TVU 4334. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447946. KR 468G. IITA, Ibadan. TVU 4335. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447947. KR 468H. IITA, Ibadan. TVU 4336. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447948. KR 468I. IITA, Ibadan. TVU 4337. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447949. KR 468J. IITA, Ibadan. TVU 4338. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447950. KR 468K. IITA, Ibadan. TVU 4339. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447951. KR 468L. IITA, Ibadan. TVU 4340. Collected December 09, 1972. Market, Pankshin. Cultivated. Seed.
447952. KR 469A. IITA, Ibadan. TVU 4341. Collected December 09, 1972. Farm, Shedam, 21km east of Pankshin. Cultivated. Seed.
447953. KR 469B. IITA, Ibadan. TVU 4342. Collected December 09, 1972. Farm, Shedam, 21km east of Pankshin. Cultivated. Seed.
447954. KR 469C. IITA, Ibadan. TVU 4343. Collected December 09, 1972. Farm, Shedam, 21km east of Pankshin. Cultivated. Seed.
447955. KR 469D. IITA, Ibadan. TVU 4344. Collected December 09, 1972. Farm, Shedam, 21km east of Pankshin. Cultivated. Seed.
447956. KR 469E. IITA, Ibadan. TVU 4345. Collected December 09, 1972. Farm, Shedam, 21km east of Pankshin. Cultivated. Seed.
447957. KR 469F. IITA, Ibadan. TVU 4346. Collected December 09,

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1972. Farm, Shedam, 21km east of Pankshin. Cultivated.
Seed.
447958. KR 470A. IITA, Ibadan. TVU 4347. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447959. KR 470B. IITA, Ibadan. TVU 4348. Collected December 09,
1972. Market, Amper, 43km east of Pankshin. Cultivated.
Seed.
447960. KR 470C. IITA, Ibadan. TVU 4349. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447961. KR 470D. IITA, Ibadan. TVU 4350. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447962. KR 470E. IITA, Ibadan. TVU 4351. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447963. KR 470F. IITA, Ibadan. TVU 4352. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447964. KR 470G. IITA, Ibadan. TVU 4353. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447965. KR 470H. IITA, Ibadan. TVU 4355. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447966. KR 471A. IITA, Ibadan. TVU 4356. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447967. KR 471B. IITA, Ibadan. TVU 4357. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447968. KR 471C. IITA, Ibadan. TVU 4358. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447969. KR 471D. IITA, Ibadan. TVU 4359. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.
Seed.
447970. KR 472A. IITA, Ibadan. TVU 4360. Collected December 09,
1972. Market, Amper, 43km east of Fankshin. Cultivated.

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Seed.

447971. KR 472B. IITA, Ibadan. TVU 4361. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447972. KR 472C. IITA, Ibadan. TVU 4362. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447973. KR 472D. IITA, Ibadan. TVU 4363. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447974. KR 472E. IITA, Ibadan. TVU 4364. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447975. KR 472F. IITA, Ibadan. TVU 4365. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447976. KR 472H. IITA, Ibadan. TVU 4367. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447977. KR 472I. IITA, Ibadan. TVU 4368. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447978. KR 472J. IITA, Ibadan. TVU 4369. Collected December 09, 1972. Market, Amper, 43km east of Pankshin. Cultivated. Seed.
447979. KR 474. IITA, Ibadan. TVU 4370. Collected December 09, 1972. Farm, 12km south of Amper to Langtang. Cultivated. Seed.
447980. KR 475A. IITA, Ibadan. TVU 4371. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447981. KR 475B. IITA, Ibadan. TVU 4372. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447982. KR 475C. IITA, Ibadan. TVU 4373. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447983. KR 475D. IITA, Ibadan. TVU 4374. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447984. KR 475E. IITA, Ibadan. TVU 4375. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.

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447985. KR 476A. IITA, Ibadan. TVU 4376. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447986. KR 476B. IITA, Ibadan. TVU 4377. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447987. KR 476C. IITA, Ibadan. TVU 4378. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447988. KR 476E. IITA, Ibadan. TVU 4380. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447989. KR 476F. IITA, Ibadan. TVU 4381. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447990. KR 478A. IITA, Ibadan. TVU 4382. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447991. KR 478B. IITA, Ibadan. TVU 4383. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447992. KR 479. IITA, Ibadan. TVU 4384. Collected December 09, 1972. Market, Langtang. Cultivated. Seed.
447993. KR 485A. IITA, Ibadan. TVU 4385. Collected December 10, 1972. Market, Kafanchan. Cultivated. Seed.
447994. KR 485B. IITA, Ibadan. TVU 4386. Collected December 10, 1972. Market, Kafanchan. Cultivated. Seed.
447995. KR 487A. IITA, Ibadan. TVU 4650. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. 160m. Cultivated. Seed.
447996. KR 487B. IITA, Ibadan. TVU 4651. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. 160m. Cultivated. Seed.
447997. KR 487A1. IITA, Ibadan. TVU 4652. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. 160m. Cultivated. Seed.
447998. KR 487C. IITA, Ibadan. TVU 4653. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. 160m. Cultivated. Seed.
447999. KR 487B1. IITA, Ibadan. TVU 4654. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. 160m. Cultivated. Seed.
448000. KR 487D. IITA, Ibadan. TVU 4655. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. 160m.

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Cultivated. Seed.

448001. KR 487E. IITA, Ibadan. TVU 4656. Collected October 08, 1973. Farm, 11km north of Daura to Kongolam. 160m. Cultivated. Seed.
448002. KR 487F. IITA, Ibadan. TVU 4657. Collected October 08, 1973. Farm, 11km north of Daura to Kongolam. 160m. Cultivated. Seed.
448003. KR 488A. Niger. IITA, Ibadan. TVU 4658. Collected October 08, 1973. Farm, Kongolam, 8km north of Nigerian border. 100m. Cultivated. Seed.
448004. KR 488B. Niger. IITA, Ibadan. TVU 4659. Collected October 08, 1973. Farm, Kongolam, 8km north of Nigerian border. 100m. Cultivated. Seed.
448005. KR 488C. Niger. IITA, Ibadan. TVU 4660. Collected October 08, 1973. Farm, Kongolam, 8km north of Nigerian border. 100m. Cultivated. Seed.
448006. KR 488D. Niger. IITA, Ibadan. TVU 4661. Collected October 08, 1973. Farm, Kongolam, 8km north of Nigerian border. 100m. Cultivated. Seed.
448007. KR 490. Niger. IITA, Ibadan. TVU 4662. Collected October 08, 1973. Farm, 17km north of Kongolam to Zinder. Cultivated. Seed.
448008. KR 491A. Niger. IITA, Ibadan. TVU 4663. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448009. KR 491a. Niger. IITA, Ibadan. TVU 4664. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448010. KR 491B. Niger. IITA, Ibadan. TVU 4665. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448011. KR 491C. Niger. IITA, Ibadan. TVU 4666. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448012. KR 491d. Niger. IITA, Ibadan. TVU 4667. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448013. KR 491e. Niger. IITA, Ibadan. TVU 4668. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.

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448014. KR 491f. Niger. IITA, Ibadan. TVU 4669. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448015. KR 491g. Niger. IITA, Ibadan. TVU 4670. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448016. KR 491D. Niger. IITA, Ibadan. TVU 4671. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448017. KR 491h. Niger. IITA, Ibadan. TVU 4672. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448018. KR 491i. Niger. IITA, Ibadan. TVU 4673. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
448019. KR 493A. Niger. IITA, Ibadan. TVU 4675. Collected October 08, 1973. Farm, 40km west of Zinder to Maradi. 100m. Cultivated. Seed.
448020. KR 493a. Niger. IITA, Ibadan. TVU 4676. Collected October 08, 1973. Farm, 40km west of Zinder to Maradi. 100m. Cultivated. Seed.
448021. KR 493b. Niger. IITA, Ibadan. TVU 4677. Collected October 08, 1973. Farm, 40km west of Zinder to Maradi. 100m. Cultivated. Seed.
448022. KR 493c. Niger. IITA, Ibadan. TVU 4678. Collected October 08, 1973. Farm, 40km west of Zinder to Maradi. 100m. Cultivated. Seed.
448023. KR 493B. Niger. IITA, Ibadan. TVU 4679. Collected October 08, 1973. Farm, 40km west of Zinder to Maradi. 100m. Cultivated. Seed.
448024. KR 494A. Niger. IITA, Ibadan. TVU 4680. Collected October 08, 1973. Farm, 18km west of Zinder to Maradi. 100m. Cultivated. Seed.
448025. KR 494a. Niger. IITA, Ibadan. TVU 4681. Collected October 08, 1973. Farm, 18km west of Zinder to Maradi. 100m. Cultivated. Seed.
448026. KR 494b. Niger. IITA, Ibadan. TVU 4682. Collected October 08, 1973. Farm, 18km west of Zinder to Maradi. 100m. Cultivated. Seed.

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448027. KR 494c. Niger. IITA, Ibadan. TVU 4683. Collected October 08, 1973. Farm, 18km west of Zinder to Maradi. 100m. Cultivated. Seed.
448028. KR 494B. Niger. IITA, Ibadan. TVU 4684. Collected October 08, 1973. Farm, 18km west of Zinder to Maradi. 100m. Cultivated. Seed.
448029. KR 495. Niger. IITA, Ibadan. TVU 4685. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448030. KR 495A. Niger. IITA, Ibadan. TVU 4686. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448031. KR 495B. Niger. IITA, Ibadan. TVU 4687. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448032. KR 495a. Niger. IITA, Ibadan. TVU 4688. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448033. KR 495C. Niger. IITA, Ibadan. TVU 4689. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448034. KR 495D. Niger. IITA, Ibadan. TVU 4690. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448035. KR 495E. Niger. IITA, Ibadan. TVU 4691. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448036. KR 495F. Niger. IITA, Ibadan. TVU 4692. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448037. KR 495G. Niger. IITA, Ibadan. TVU 4693. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448038. KR 495H. Niger. IITA, Ibadan. TVU 4694. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448039. KR 495I. Niger. IITA, Ibadan. TVU 4695. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.

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448040. KR 495b. Niger. IITA, Ibadan. TVU 4696. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448041. KR 495J. Niger. IITA, Ibadan. TVU 4697. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
448042. KR 496. Niger. IITA, Ibadan. TVU 4698. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448043. KR 496A. Niger. IITA, Ibadan. TVU 4699. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448044. KR 496B. Niger. IITA, Ibadan. TVU 4700. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448045. KR 496a. Niger. IITA, Ibadan. TVU 4701. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448046. KR 496b. Niger. IITA, Ibadan. TVU 4702. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448047. KR 496C. Niger. IITA, Ibadan. TVU 4703. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448048. KR 496D. Niger. IITA, Ibadan. TVU 4704. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448049. KR 496E. Niger. IITA, Ibadan. TVU 4706. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448050. KR 496F. Niger. IITA, Ibadan. TVU 4707. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448051. KR 496c. Niger. IITA, Ibadan. TVU 4708. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
448052. KR 496G. Niger. IITA, Ibadan. TVU 4709. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.

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448053. KR 497. Niger. IITA, Ibadan. TVU 4710. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
448054. KR 497a. Niger. IITA, Ibadan. TVU 4711. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
448055. KR 497A. Niger. IITA, Ibadan. TVU 4712. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
448056. KR 497B. Niger. IITA, Ibadan. TVU 4713. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
448057. KR 497C. Niger. IITA, Ibadan. TVU 4714. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
448058. KR 497D. Niger. IITA, Ibadan. TVU 4715. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
448059. KR 498A. Niger. IITA, Ibadan. TVU 4716. Collected October 09, 1973. Farm, 21km east of Zinder to Goure. Cultivated. Seed.
448060. KR 498. Niger. IITA, Ibadan. TVU 4717. Collected October 09, 1973. Farm, 21km east of Zinder to Goure. Cultivated. Seed.
448061. KR 498B. Niger. IITA, Ibadan. TVU 4718. Collected October 09, 1973. Farm, 21km east of Zinder to Goure. Cultivated. Seed.
448062. KR 498C. Niger. IITA, Ibadan. TVU 4719. Collected October 09, 1973. Farm, 21km east of Zinder to Goure. Cultivated. Seed.
448063. KR 498D. Niger. IITA, Ibadan. TVU 4720. Collected October 09, 1973. Farm, 21km east of Zinder to Goure. Cultivated. Seed.
448064. KR 499A. Niger. IITA, Ibadan. TVU 4721. Collected October 09, 1973. Farm, 26km east of Zinder to Goure. Cultivated. Seed.
448065. KR 499B. Niger. IITA, Ibadan. TVU 4722. Collected October 09, 1973. Farm, 26km east of Zinder to Goure. Cultivated. Seed.

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448066. KR 499. Niger. IITA, Ibadan. TVU 4723. Collected October 09, 1973. Farm, 26km east of Zinder to Goure. Cultivated. Seed.
448067. KR 499a. Niger. IITA, Ibadan. TVU 4724. Collected October 09, 1973. Farm, 26km east of Zinder to Goure. Cultivated. Seed.
448068. KR 499C. Niger. IITA, Ibadan. TVU 4725. Collected October 09, 1973. Farm, 26km east of Zinder to Goure. Cultivated. Seed.
448069. KR 500A. Niger. IITA, Ibadan. TVU 4726. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448070. KR 500B. Niger. IITA, Ibadan. TVU 4727. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448071. KR 500C. Niger. IITA, Ibadan. TVU 4728. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448072. KR 500D. Niger. IITA, Ibadan. TVU 4729. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448073. KR 500. Niger. IITA, Ibadan. TVU 4730. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448074. KR 500E. Niger. IITA, Ibadan. TVU 4731. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448075. KR 500a. Niger. IITA, Ibadan. TVU 4732. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448076. KR 500b. Niger. IITA, Ibadan. TVU 4733. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448077. KR 500F. Niger. IITA, Ibadan. TVU 4735. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
448078. KR 500c. Niger. IITA, Ibadan. TVU 4736. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.

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448079. KR 501A. Niger. IITA, Ibadan. TVU 4738. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
448080. KR 501B. Niger. IITA, Ibadan. TVU 4739. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
448081. KR 501. Niger. IITA, Ibadan. TVU 4740. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
448082. KR 501a. Niger. IITA, Ibadan. TVU 4741. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
448083. KR 501b. Niger. IITA, Ibadan. TVU 4742. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
448084. KR 501C. Niger. IITA, Ibadan. TVU 4743. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
448085. KR 502. Niger. IITA, Ibadan. TVU 4744. Collected October 09, 1973. Farm, 40km east of Zinder to Goure. 100m. Cultivated. Seed.
448086. KR 503. Niger. IITA, Ibadan. TVU 4745. Collected October 09, 1973. Farm, 40km east of Zinder to Goure. 100m. Wild. Seed.
448087. KR 503a. Niger. IITA, Ibadan. TVU 4746. Collected October 09, 1973. Farm, 40km east of Zinder to Goure. 100m. Cultivated. Seed.
448088. KR 504. Niger. IITA, Ibadan. TVU 4749. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448089. KR 504a. Niger. IITA, Ibadan. TVU 4750. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448090. KR 504b. Niger. IITA, Ibadan. TVU 4751. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448091. KR 504c. Niger. IITA, Ibadan. TVU 4752. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.

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448092. KR 504d. Niger. IITA, Ibadan. TVU 4753. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448093. KR 504A. Niger. IITA, Ibadan. TVU 4754. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448094. KR 504B. Niger. IITA, Ibadan. TVU 4755. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448095. KR 504e. Niger. IITA, Ibadan. TVU 4756. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448096. KR 504C. Niger. IITA, Ibadan. TVU 4757. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448097. KR 504f. Niger. IITA, Ibadan. TVU 4758. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
448098. KR 506. Niger. IITA, Ibadan. TVU 4762. Collected October 09, 1973. Farm, 43km east of Zinder to Goure. Cultivated. Seed.
448099. KR 506a. Niger. IITA, Ibadan. TVU 4763. Collected October 09, 1973. Farm, 43km east of Zinder to Goure. Cultivated. Seed.
448100. KR 506D. Niger. IITA, Ibadan. TVU 4764. Collected October 09, 1973. Farm, 43km east of Zinder to Goure. Cultivated. Seed.
448101. KR 506b. Niger. IITA, Ibadan. TVU 4765. Collected October 09, 1973. Farm, 43km east of Zinder to Goure. Cultivated. Seed.
448102. KR 506c. Niger. IITA, Ibadan. TVU 4766. Collected October 09, 1973. Farm, 43km east of Zinder to Goure. Cultivated. Seed.
448103. KR 507. Niger. IITA, Ibadan. TVU 4767. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448104. KR 507a. Niger. IITA, Ibadan. TVU 4768. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.

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448105. KR 507b. Niger. IITA, Ibadan. TVU 4769. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448106. KR 507c. Niger. IITA, Ibadan. TVU 4770. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448107. KR 507d. Niger. IITA, Ibadan. TVU 4771. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448108. KR 507A. Niger. IITA, Ibadan. TVU 4772. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448109. KR 507B. Niger. IITA, Ibadan. TVU 4773. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448110. KR 507e. Niger. IITA, Ibadan. TVU 4774. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
448111. KR 508A. Niger. IITA, Ibadan. TVU 4775. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
448112. KR 508B. Niger. IITA, Ibadan. TVU 4776. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
448113. KR 508C. Niger. IITA, Ibadan. TVU 4777. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
448114. KR 508D. Niger. IITA, Ibadan. TVU 4778. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
448115. KR 508. Niger. IITA, Ibadan. TVU 4779. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
448116. KR 508a. Niger. IITA, Ibadan. TVU 4781. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
448117. KR 508E. Niger. IITA, Ibadan. TVU 4782. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.

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448118. KR 509. Niger. IITA, Ibadan. TVU 4783. Collected October 09, 1973. Farm, 72km west of Goure to Zinder. Cultivated. Seed.
448119. KR 509a. Niger. IITA, Ibadan. TVU 4784. Collected October 09, 1973. Farm, 72km west of Goure to Zinder. Cultivated. Seed.
448120. KR 510A. Niger. IITA, Ibadan. TVU 4785. Collected October 09, 1973. Farm, 64km west of Goure to Zinder. Cultivated. Seed.
448121. KR 510. Niger. IITA, Ibadan. TVU 4786. Collected October 09, 1973. Farm, 64km west of Goure to Zinder. Cultivated. Seed.
448122. KR 511A. Niger. IITA, Ibadan. TVU 4787. Collected October 09, 1973. Farm, 64km west of Goure to Zinder. Cultivated. Seed.
448123. KR 511B. Niger. IITA, Ibadan. TVU 4788. Collected October 09, 1973. Farm, 64km west of Goure to Zinder. Cultivated. Seed.
448124. KR 512A. Niger. IITA, Ibadan. TVU 4789. Collected October 09, 1973. Farm, Guidiguir, 65km west of Goure to Zinder. Cultivated. Seed.
448125. KR 512B. Niger. IITA, Ibadan. TVU 4790. Collected October 09, 1973. Farm, Guidiguir, 65km west of Goure to Zinder. Cultivated. Seed.
448126. KR 512. Niger. IITA, Ibadan. TVU 4791. Collected October 09, 1973. Farm, Guidiguir, 65km west of Goure to Zinder. Cultivated. Seed.
448127. KR 512C. Niger. IITA, Ibadan. TVU 4792. Collected October 09, 1973. Farm, Guidiguir, 65km west of Goure to Zinder. Cultivated. Seed.
448128. KR 512D. Niger. IITA, Ibadan. TVU 4793. Collected October 09, 1973. Farm, Guidiguir, 65km west of Goure to Zinder. Cultivated. Seed.
448129. KR 513A. Niger. IITA, Ibadan. TVU 4794. Collected October 09, 1973. Farm, 13km east of Guidiguir to Zinder. 100m. Cultivated. Seed.
448130. KR 513B. Niger. IITA, Ibadan. TVU 4795. Collected October 09, 1973. Farm, 13km east of Guidiguir to Zinder. 100m. Cultivated. Seed.

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448131. KR 514. Niger. IITA, Ibadan. TVU 4796. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448132. KR 514A. Niger. IITA, Ibadan. TVU 4797. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448133. KR 514a. Niger. IITA, Ibadan. TVU 4798. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448134. KR 514B. Niger. IITA, Ibadan. TVU 4799. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448135. KR 514C. Niger. IITA, Ibadan. TVU 4801. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448136. KR 514b. Niger. IITA, Ibadan. TVU 4803. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448137. KR 514c. Niger. IITA, Ibadan. TVU 4804. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448138. KR 514D. Niger. IITA, Ibadan. TVU 4805. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448139. KR 514d. Niger. IITA, Ibadan. TVU 4806. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448140. KR 514e. Niger. IITA, Ibadan. TVU 4807. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448141. KR 514f. Niger. IITA, Ibadan. TVU 4808. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448142. KR 514g. Niger. IITA, Ibadan. TVU 4809. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448143. KR 514h. Niger. IITA, Ibadan. TVU 4810. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.

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448144. KR 514i. Niger. IITA, Ibadan. TVU 4811. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
448145. KR 515. Niger. IITA, Ibadan. TVU 4812. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448146. KR 515a. Niger. IITA, Ibadan. TVU 4813. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448147. KR 515b. Niger. IITA, Ibadan. TVU 4814. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448148. KR 515c. Niger. IITA, Ibadan. TVU 4815. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448149. KR 515d. Niger. IITA, Ibadan. TVU 4816. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448150. KR 515A. Niger. IITA, Ibadan. TVU 4818. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448151. KR 515e. Niger. IITA, Ibadan. TVU 4819. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448152. KR 515f. Niger. IITA, Ibadan. TVU 4820. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448153. KR 515g. Niger. IITA, Ibadan. TVU 4821. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448154. KR 515h. Niger. IITA, Ibadan. TVU 4822. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448155. KR 515i. Niger. IITA, Ibadan. TVU 4823. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.
448156. KR 515j. Niger. IITA, Ibadan. TVU 4824. Collected October 10, 1973. Farm, 5km south of Zinder to Magaria. Cultivated. Seed.

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448157. KR 516. Niger. IITA, Ibadan. TVU 4825. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448158. KR 516a. Niger. IITA, Ibadan. TVU 4826. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448159. KR 516A. Niger. IITA, Ibadan. TVU 4827. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448160. KR 516B. Niger. IITA, Ibadan. TVU 4828. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448161. KR 516C. Niger. IITA, Ibadan. TVU 4829. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448162. KR 516b. Niger. IITA, Ibadan. TVU 4830. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448163. KR 516D. Niger. IITA, Ibadan. TVU 4831. Collected October 10, 1973. Farm, 13km south of Zinder to Magaria. Cultivated. Seed.
448164. KR 517A. Niger. IITA, Ibadan. TVU 4832. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448165. KR 517B. Niger. IITA, Ibadan. TVU 4833. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448166. KR 517. Niger. IITA, Ibadan. TVU 4834. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448167. KR 517a. Niger. IITA, Ibadan. TVU 4836. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448168. KR 517A1. Niger. IITA, Ibadan. TVU 4837. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448169. KR 517b. Niger. IITA, Ibadan. TVU 4838. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.

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448170. KR 517B. Niger. IITA, Ibadan. TVU 4839. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448171. KR 517c. Niger. IITA, Ibadan. TVU 4840. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448172. KR 517d. Niger. IITA, Ibadan. TVU 4841. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448173. KR 517C. Niger. IITA, Ibadan. TVU 4842. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448174. KR 517D. Niger. IITA, Ibadan. TVU 4843. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448175. KR 517E. Niger. IITA, Ibadan. TVU 4844. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
448176. KR 518A. Niger. IITA, Ibadan. TVU 4845. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448177. KR 518B. Niger. IITA, Ibadan. TVU 4846. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448178. KR 518C. Niger. IITA, Ibadan. TVU 4847. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448179. KR 518D. Niger. IITA, Ibadan. TVU 4848. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448180. KR 518E. Niger. IITA, Ibadan. TVU 4849. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448181. KR 518. Niger. IITA, Ibadan. TVU 4850. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448182. KR 518F. Niger. IITA, Ibadan. TVU 4851. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.

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448183. KR 518G. Niger. IITA, Ibadan. TVU 4853. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448184. KR 518H. Niger. IITA, Ibadan. TVU 4854. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448185. KR 518a. Niger. IITA, Ibadan. TVU 4855. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448186. KR 518I. Niger. IITA, Ibadan. TVU 4856. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448187. KR 518b. Niger. IITA, Ibadan. TVU 4857. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448188. KR 518c. Niger. IITA, Ibadan. TVU 4858. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
448189. KR 519. Niger. IITA, Ibadan. TVU 4859. Collected October 10, 1973. Farm, 34km south of Zinder to Magaria. Cultivated. Seed.
448190. KR 519a. Niger. IITA, Ibadan. TVU 4860. Collected October 10, 1973. Farm, 34km south of Zinder to Magaria. Cultivated. Seed.
448191. KR 521A. Niger. IITA, Ibadan. TVU 4861. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448192. KR 521. Niger. IITA, Ibadan. TVU 4862. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448193. KR 521B. Niger. IITA, Ibadan. TVU 4863. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448194. KR 521C. Niger. IITA, Ibadan. TVU 4864. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448195. KR 521D. Niger. IITA, Ibadan. TVU 4865. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.

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448196. KR 521E. Niger. IITA, Ibadan. TVU 4866. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448197. KR 521F. Niger. IITA, Ibadan. TVU 4867. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448198. KR 521G. Niger. IITA, Ibadan. TVU 4868. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448199. KR 521H. Niger. IITA, Ibadan. TVU 4869. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448200. KR 521I. Niger. IITA, Ibadan. TVU 4870. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
448201. KR 522A. Niger. IITA, Ibadan. TVU 4871. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448202. KR 522B. Niger. IITA, Ibadan. TVU 4872. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448203. KR 522C. Niger. IITA, Ibadan. TVU 4873. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448204. KR 522D. Niger. IITA, Ibadan. TVU 4874. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448205. KR 522E. Niger. IITA, Ibadan. TVU 4875. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448206. KR 522F. Niger. IITA, Ibadan. TVU 4876. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448207. KR 522. Niger. IITA, Ibadan. TVU 4877. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448208. KR 522G. Niger. IITA, Ibadan. TVU 4878. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.

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448209. KR 522H. Niger. IITA, Ibadan. TVU 4879. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448210. KR 522I. Niger. IITA, Ibadan. TVU 4880. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448211. KR 522J. Niger. IITA, Ibadan. TVU 4881. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448212. KR 522K. Niger. IITA, Ibadan. TVU 4882. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448213. KR 522a. Niger. IITA, Ibadan. TVU 4883. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448214. KR 522L. Niger. IITA, Ibadan. TVU 4884. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448215. KR 522M. Niger. IITA, Ibadan. TVU 4885. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448216. KR 522N. Niger. IITA, Ibadan. TVU 4886. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
448217. KR 523A. Niger. IITA, Ibadan. TVU 4888. Collected October 10, 1973. Farm, Magaria, 93km south of Zinder. 110m. Cultivated. Seed.
448218. KR 523. Niger. IITA, Ibadan. TVU 4889. Collected October 10, 1973. Farm, Magaria, 93km south of Zinder. 110m. Cultivated. Seed.
448219. KR 523B. Niger. IITA, Ibadan. TVU 4890. Collected October 10, 1973. Farm, Magaria, 93km south of Zinder. 110m. Cultivated. Seed.
448220. KR 524A. Niger. IITA, Ibadan. TVU 4891. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448221. KR 524B. Niger. IITA, Ibadan. TVU 4892. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.

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448222. KR 524. Niger. IITA, Ibadan. TVU 4893. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448223. KR 524C. Niger. IITA, Ibadan. TVU 4895. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448224. KR 524D. Niger. IITA, Ibadan. TVU 4896. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448225. KR 524E. Niger. IITA, Ibadan. TVU 4897. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448226. KR 524F. Niger. IITA, Ibadan. TVU 4898. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448227. KR 524G. Niger. IITA, Ibadan. TVU 4899. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
448228. KR 525A. Niger. IITA, Ibadan. TVU 4900. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448229. KR 525B. Niger. IITA, Ibadan. TVU 4901. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448230. KR 525C. Niger. IITA, Ibadan. TVU 4902. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448231. KR 525D. Niger. IITA, Ibadan. TVU 4903. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448232. KR 525E. Niger. IITA, Ibadan. TVU 4904. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448233. KR 525F. Niger. IITA, Ibadan. TVU 4905. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448234. KR 525G. Niger. IITA, Ibadan. TVU 4906. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.

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448235. KR 525H. Niger. IITA, Ibadan. TVU 4907. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
448236. KR 526. Niger. IITA, Ibadan. TVU 4908. Collected October 10, 1973. Farm, 19km north of Zinder to Tanout. Cultivated. Seed.
448237. KR 527A. Niger. IITA, Ibadan. TVU 4909. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448238. KR 527B. Niger. IITA, Ibadan. TVU 4910. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448239. KR 527C. Niger. IITA, Ibadan. TVU 4911. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448240. KR 527D. Niger. IITA, Ibadan. TVU 4912. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448241. KR 527. Niger. IITA, Ibadan. TVU 4913. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448242. KR 527a. Niger. IITA, Ibadan. TVU 4914. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448243. KR 528A. Niger. IITA, Ibadan. TVU 4915. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448244. KR 528. Niger. IITA, Ibadan. TVU 4916. Collected October 11, 1973. Farm, 23km north of Zinder to Tanout. 140m. Cultivated. Seed.
448245. KR 529. Niger. IITA, Ibadan. TVU 4917. Collected October 11, 1973. Farm, 64km north of Zinder to Tanout. Cultivated. Seed.
448246. KR 528B. Niger. IITA, Ibadan. TVU 4918. Collected October 11, 1973. Farm, 64km north of Zinder to Tanout. Cultivated. Seed.
448247. KR 529a. Niger. IITA, Ibadan. TVU 4919. Collected October 11, 1973. Farm, 64km north of Zinder to Tanout. Cultivated. Seed.

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448248. KR 529A. Niger. IITA, Ibadan. TVU 4920. Collected October 11, 1973. Farm, 64km north of Zinder to Tanout. Cultivated. Seed.
448249. KR 529b. Niger. IITA, Ibadan. TVU 4921. Collected October 11, 1973. Farm, 64km north of Zinder to Tanout. Cultivated. Seed.
448250. KR 529B1. Niger. IITA, Ibadan. TVU 4922. Collected October 11, 1973. Farm, 64km north of Zinder to Tanout. Cultivated. Seed.
448251. KR 530A. Niger. IITA, Ibadan. TVU 4923. Collected October 11, 1973. Farm, near Tanout, 152km north of Zinder. 170m. Cultivated. Seed.
448252. KR 530. Niger. IITA, Ibadan. TVU 4924. Collected October 11, 1973. Farm, near Tanout, 152km north of Zinder. 170m. Cultivated. Seed.
448253. KR 530B. Niger. IITA, Ibadan. TVU 4925. Collected October 11, 1973. Farm, near Tanout, 152km north of Zinder. 170m. Cultivated. Seed.
448254. KR 531. Niger. IITA, Ibadan. TVU 4926. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448255. KR 531A. Niger. IITA, Ibadan. TVU 4927. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448256. KR 531a. Niger. IITA, Ibadan. TVU 4928. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448257. KR 531b. Niger. IITA, Ibadan. TVU 4929. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448258. KR 531c. Niger. IITA, Ibadan. TVU 4930. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448259. KR 531B. Niger. IITA, Ibadan. TVU 4931. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448260. KR 531C. Niger. IITA, Ibadan. TVU 4932. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.

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448261. KR 531d. Niger. IITA, Ibadan. TVU 4933. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448262. KR 531e. Niger. IITA, Ibadan. TVU 4934. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448263. KR 531D. Niger. IITA, Ibadan. TVU 4935. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448264. KR 531f. Niger. IITA, Ibadan. TVU 4936. Collected October 12, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
448265. KR 532. Niger. IITA, Ibadan. TVU 4937. Collected October 14, 1973. Market, Agadez, 560km north of Zinder. Cultivated. Seed.
448266. KR 532a. Niger. IITA, Ibadan. TVU 4938. Collected October 14, 1973. Market, Agadez, 560km north of Zinder. Cultivated. Seed.
448267. KR 532A. Niger. IITA, Ibadan. TVU 4939. Collected October 14, 1973. Market, Agadez, 560km north of Zinder. Cultivated. Seed.
448268. KR 532B. Niger. IITA, Ibadan. TVU 4940. Collected October 14, 1973. Market, Agadez, 560km north of Zinder. Cultivated. Seed.
448269. KR 532C. Niger. IITA, Ibadan. TVU 4941. Collected October 14, 1973. Market, Agadez, 560km north of Zinder. Cultivated. Seed.
448270. KR 534. Niger. IITA, Ibadan. TVU 4943. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448271. KR 534a. Niger. IITA, Ibadan. TVU 4944. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448272. KR 534b. Niger. IITA, Ibadan. TVU 4945. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448273. KR 534c. Niger. IITA, Ibadan. TVU 4946. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.

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448274. KR 534d. Niger. IITA, Ibadan. TVU 4947. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448275. KR 534A. Niger. IITA, Ibadan. TVU 4948. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448276. KR 534e. Niger. IITA, Ibadan. TVU 4949. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448277. KR 534B. Niger. IITA, Ibadan. TVU 4950. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448278. KR 534f. Niger. IITA, Ibadan. TVU 4951. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448279. KR 534g. Niger. IITA, Ibadan. TVU 4952. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
448280. KR 535. Niger. IITA, Ibadan. TVU 4953. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
448281. KR 535a. Niger. IITA, Ibadan. TVU 4954. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
448282. KR 535b. Niger. IITA, Ibadan. TVU 4955. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
448283. KR 535A. Niger. IITA, Ibadan. TVU 4957. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
448284. KR 535B. Niger. IITA, Ibadan. TVU 4958. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
448285. KR 535C. Niger. IITA, Ibadan. TVU 4959. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
448286. KR 536. Niger. IITA, Ibadan. TVU 4960. Collected October 15, 1973. Farm, 48km west of Zinder to Maradi. Cultivated. Seed.

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448287. KR 536a. Niger. IITA, Ibadan. TVU 4961. Collected October 15, 1973. Farm, 48km west of Zinder to Maradi. Cultivated. Seed.
448288. KR 536A. Niger. IITA, Ibadan. TVU 4965. Collected October 15, 1973. Farm, 48km west of Zinder to Maradi. Cultivated. Seed.
448289. KR 537A. Niger. IITA, Ibadan. TVU 4967. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448290. KR 537B. Niger. IITA, Ibadan. TVU 4968. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448291. KR 537. Niger. IITA, Ibadan. TVU 4970. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448292. KR 537C. Niger. IITA, Ibadan. TVU 4971. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448293. KR 537a. Niger. IITA, Ibadan. TVU 4972. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448294. KR 537D. Niger. IITA, Ibadan. TVU 4973. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448295. KR 537b. Niger. IITA, Ibadan. TVU 4974. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
448296. KR 538. Niger. IITA, Ibadan. TVU 4976. Collected October 15, 1973. Farm, 72km west of Zinder to Maradi. Cultivated. Seed.
448297. KR 539. Niger. IITA, Ibadan. TVU 4977. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448298. KR 539a. Niger. IITA, Ibadan. TVU 4978. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448299. KR 539b. Niger. IITA, Ibadan. TVU 4979. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.

448300. KR 539c. Niger. IITA, Ibadan. TVU 4980. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448301. KR 539d. Niger. IITA, Ibadan. TVU 4981. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448302. KR 539e. Niger. IITA, Ibadan. TVU 4982. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448303. KR 539f. Niger. IITA, Ibadan. TVU 4983. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448304. KR 539g. Niger. IITA, Ibadan. TVU 4984. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448305. KR 539h. Niger. IITA, Ibadan. TVU 4985. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448306. KR 539i. Niger. IITA, Ibadan. TVU 4986. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
448307. KR 540. Niger. IITA, Ibadan. TVU 4987. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448308. KR 540A. Niger. IITA, Ibadan. TVU 4988. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448309. KR 540a. Niger. IITA, Ibadan. TVU 4989. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448310. KR 540b. Niger. IITA, Ibadan. TVU 4990. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448311. KR 540c. Niger. IITA, Ibadan. TVU 4991. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448312. KR 540d. Niger. IITA, Ibadan. TVU 4992. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.

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448313. KR 540B. Niger. IITA, Ibadan. TVU 4993. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448314. KR 540e. Niger. IITA, Ibadan. TVU 4994. Collected October 15, 1973. Farm, 82km west of Zinder to Maradi. Cultivated. Seed.
448315. KR 541. Niger. IITA, Ibadan. TVU 4995. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448316. KR 541A. Niger. IITA, Ibadan. TVU 4996. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448317. KR 541B. Niger. IITA, Ibadan. TVU 4997. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448318. KR 541a. Niger. IITA, Ibadan. TVU 4999. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448319. KR 541C. Niger. IITA, Ibadan. TVU 5000. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448320. KR 541D. Niger. IITA, Ibadan. TVU 5001. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448321. KR 541E. Niger. IITA, Ibadan. TVU 5002. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448322. KR 541F. Niger. IITA, Ibadan. TVU 5003. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448323. KR 541G. Niger. IITA, Ibadan. TVU 5004. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448324. KR 541H. Niger. IITA, Ibadan. TVU 5005. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448325. KR 541b. Niger. IITA, Ibadan. TVU 5006. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.

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448326. KR 541I. Niger. IITA, Ibadan. TVU 5007. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
448327. KR 542A. Niger. IITA, Ibadan. TVU 5008. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448328. KR 542. Niger. IITA, Ibadan. TVU 5009. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448329. KR 542B. Niger. IITA, Ibadan. TVU 5010. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448330. KR 542C. Niger. IITA, Ibadan. TVU 5011. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448331. KR 542D. Niger. IITA, Ibadan. TVU 5012. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448332. KR 542E. Niger. IITA, Ibadan. TVU 5013. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448333. KR 542F. Niger. IITA, Ibadan. TVU 5014. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448334. KR 542a. Niger. IITA, Ibadan. TVU 5015. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448335. KR 542b. Niger. IITA, Ibadan. TVU 5016. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448336. KR 543. Niger. IITA, Ibadan. TVU 5017. Collected October 15, 1973. Farm, Tessoua, 119km west of Zinder to Maradi. Cultivated. Seed.
448337. KR 543a. Niger. IITA, Ibadan. TVU 5018. Collected October 15, 1973. Farm, Tessoua, 119km west of Zinder to Maradi. Cultivated. Seed.
448338. KR 543b. Niger. IITA, Ibadan. TVU 5019. Collected October 15, 1973. Farm, Tessoua, 119km west of Zinder to Maradi. Cultivated. Seed.

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448339. KR 543c. Niger. IITA, Ibadan. TVU 5020. Collected October 15, 1973. Farm, Tessoua, 119km west of Zinder to Maradi. Cultivated. Seed.
448340. KR 543d. Niger. IITA, Ibadan. TVU 5022. Collected October 15, 1973. Farm, Tessoua, 119km west of Zinder to Maradi. Cultivated. Seed.
448341. KR 542G. Niger. IITA, Ibadan. TVU 5023. Collected October 15, 1973. Farm, 101km west of Zinder to Maradi. Cultivated. Seed.
448342. KR 544A. Niger. IITA, Ibadan. TVU 5024. Collected October 15, 1973. Farm, 13km west of Tessoua to Maradi. 115m. Cultivated. Seed.
448343. KR 544B. Niger. IITA, Ibadan. TVU 5025. Collected October 15, 1973. Farm, 13km west of Tessoua to Maradi. 115m. Cultivated. Seed.
448344. KR 544. Niger. IITA, Ibadan. TVU 5027. Collected October 15, 1973. Farm, 13km west of Tessoua to Maradi. 115m. Cultivated. Seed.
448345. KR 544C. Niger. IITA, Ibadan. TVU 5028. Collected October 15, 1973. Farm, 13km south from Tessoua to Maradi. Cultivated. Seed.
448346. KR 544a. Niger. IITA, Ibadan. TVU 5029. Collected October 15, 1973. Farm, 13km south from Tessoua to Maradi. Cultivated. Seed.
448347. KR 544b. Niger. IITA, Ibadan. TVU 5030. Collected October 15, 1973. Farm, 13km south from Tessoua to Maradi. Cultivated. Seed.
448348. KR 544c. Niger. IITA, Ibadan. TVU 5031. Collected October 15, 1973. Farm, 13km south from Tessoua to Maradi. Cultivated. Seed.
448349. KR 545. Niger. IITA, Ibadan. TVU 5033. Collected October 15, 1973. Farm, 136km west of Zinder to Maradi. 110m. Cultivated. Seed.
448350. KR 545a. Niger. IITA, Ibadan. TVU 5034. Collected October 15, 1973. Farm, 136km west of Zinder to Maradi. 110m. Cultivated. Seed.
448351. KR 546. Niger. IITA, Ibadan. TVU 5035. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.

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448352. KR 546a. Niger. IITA, Ibadan. TVU 5036. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448353. KR 546b. Niger. IITA, Ibadan. TVU 5037. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448354. KR 546c. Niger. IITA, Ibadan. TVU 5038. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448355. KR 546d. Niger. IITA, Ibadan. TVU 5039. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448356. KR 546e. Niger. IITA, Ibadan. TVU 5040. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448357. KR 546f. Niger. IITA, Ibadan. TVU 5041. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448358. KR 546g. Niger. IITA, Ibadan. TVU 5042. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448359. KR 546h. Niger. IITA, Ibadan. TVU 5043. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448360. KR 546i. Niger. IITA, Ibadan. TVU 5044. Collected October 15, 1973. Farm, 139km west of Zinder to Maradi. Cultivated. Seed.
448361. KR 547. Niger. IITA, Ibadan. TVU 5045. Collected October 15, 1973. Farm, Gagaoua, 32km south of Tessoua to Maradi. Cultivated. Seed.
448362. KR 547a. Niger. IITA, Ibadan. TVU 5046. Collected October 15, 1973. Farm, Gagaoua, 32km south of Tessoua to Maradi. Cultivated. Seed.
448363. KR 547b. Niger. IITA, Ibadan. TVU 5047. Collected October 15, 1973. Farm, Gagaoua, 32km south of Tessoua to Maradi. Cultivated. Seed.
448364. KR 547c. Niger. IITA, Ibadan. TVU 5048. Collected October 15, 1973. Farm, Gagaoua, 32km south of Tessoua to Maradi. Cultivated. Seed.

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448365. KR 547d. Niger. IITA, Ibadan. TVU 5049. Collected October 15, 1973. Farm, Gagaoua, 32km south of Tessoua to Maradi. Cultivated. Seed.
448366. KR 547e. Niger. IITA, Ibadan. TVU 5050. Collected October 15, 1973. Farm, Gagaoua, 32km south of Tessoua to Maradi. Cultivated. Seed.
448367. KR 549. Niger. IITA, Ibadan. TVU 5051. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448368. KR 549a. Niger. IITA, Ibadan. TVU 5052. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448369. KR 549b. Niger. IITA, Ibadan. TVU 5053. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448370. KR 549c. Niger. IITA, Ibadan. TVU 5054. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448371. KR 549d. Niger. IITA, Ibadan. TVU 5055. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448372. KR 549e. Niger. IITA, Ibadan. TVU 5057. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448373. KR 549f. Niger. IITA, Ibadan. TVU 5058. Collected October 15, 1973. Farm, 58km east of Maradi to Zinder. Cultivated. Seed.
448374. KR 550. Niger. IITA, Ibadan. TVU 5059. Collected October 15, 1973. Farm, 39km east of Maradi to Zinder. Cultivated. Seed.
448375. KR 550a. Niger. IITA, Ibadan. TVU 5060. Collected October 15, 1973. Farm, 39km east of Maradi to Zinder. Cultivated. Seed.
448376. KR 550b. Niger. IITA, Ibadan. TVU 5061. Collected October 15, 1973. Farm, 39km east of Maradi to Zinder. Cultivated. Seed.
448377. KR 550c. Niger. IITA, Ibadan. TVU 5062. Collected October 15, 1973. Farm, 39km east of Maradi to Zinder. Cultivated. Seed.

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448378. KR 550d. Niger. IITA, Ibadan. TVU 5063. Collected October 15, 1973. Farm, 39km east of Maradi to Zinder. Cultivated. Seed.
448379. KR 551. Niger. IITA, Ibadan. TVU 5064. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
448380. KR 551a. Niger. IITA, Ibadan. TVU 5065. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
448381. KR 551b. Niger. IITA, Ibadan. TVU 5067. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
448382. KR 551c. Niger. IITA, Ibadan. TVU 5068. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
448383. KR 551d. Niger. IITA, Ibadan. TVU 5069. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
448384. KR 551e. Niger. IITA, Ibadan. TVU 5070. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
448385. KR 553. Niger. IITA, Ibadan. TVU 5071. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448386. KR 553a. Niger. IITA, Ibadan. TVU 5072. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448387. KR 553b. Niger. IITA, Ibadan. TVU 5073. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448388. KR 553c. Niger. IITA, Ibadan. TVU 5074. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448389. KR 553d. Niger. IITA, Ibadan. TVU 5075. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448390. KR 553e. Niger. IITA, Ibadan. TVU 5076. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448391. KR 553f. Niger. IITA, Ibadan. TVU 5077. Collected

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- October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448392. KR 553g. Niger. IITA, Ibadan. TVU 5078. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448393. KR 553h. Niger. IITA, Ibadan. TVU 5079. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448394. KR 553i. Niger. IITA, Ibadan. TVU 5080. Collected October 16, 1973. Farm, near Maradi to Niamey. Cultivated. Seed.
448395. KR 554. Niger. IITA, Ibadan. TVU 5081. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448396. KR 554a. Niger. IITA, Ibadan. TVU 5082. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448397. KR 554b. Niger. IITA, Ibadan. TVU 5083. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448398. KR 554c. Niger. IITA, Ibadan. TVU 5084. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448399. KR 554d. Niger. IITA, Ibadan. TVU 5085. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448400. KR 555. Niger. IITA, Ibadan. TVU 5086. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448401. KR 555a. Niger. IITA, Ibadan. TVU 5087. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448402. KR 555b. Niger. IITA, Ibadan. TVU 5088. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448403. KR 555c. Niger. IITA, Ibadan. TVU 5089. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448404. KR 555d. Niger. IITA, Ibadan. TVU 5090. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro.

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- 90m. Cultivated. Seed.
448405. KR 555e. Niger. IITA, Ibadan. TVU 5091. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448406. KR 555f. Niger. IITA, Ibadan. TVU 5093. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448407. KR 555g. Niger. IITA, Ibadan. TVU 5094. Collected October 16, 1973. Farm, 13km north of Maradi to Dakoro. 90m. Cultivated. Seed.
448408. KR 556. Niger. IITA, Ibadan. TVU 5095. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448409. KR 556a. Niger. IITA, Ibadan. TVU 5097. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448410. KR 556b. Niger. IITA, Ibadan. TVU 5098. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448411. KR 556c. Niger. IITA, Ibadan. TVU 5099. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448412. KR 556d. Niger. IITA, Ibadan. TVU 5100. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448413. KR 556e. Niger. IITA, Ibadan. TVU 5101. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448414. KR 556f. Niger. IITA, Ibadan. TVU 5102. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448415. KR 556g. Niger. IITA, Ibadan. TVU 5103. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448416. KR 556h. Niger. IITA, Ibadan. TVU 5104. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448417. KR 556i. Niger. IITA, Ibadan. TVU 5105. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.

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448418. KR 556j. Niger. IITA, Ibadan. TVU 5106. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
448419. KR 558. Niger. IITA, Ibadan. TVU 5107. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448420. KR 558a. Niger. IITA, Ibadan. TVU 5108. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448421. KR 558b. Niger. IITA, Ibadan. TVU 5109. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448422. KR 558c. Niger. IITA, Ibadan. TVU 5110. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448423. KR 558d. Niger. IITA, Ibadan. TVU 5111. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448424. KR 558e. Niger. IITA, Ibadan. TVU 5112. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448425. KR 558f. Niger. IITA, Ibadan. TVU 5113. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448426. KR 558g. Niger. IITA, Ibadan. TVU 5114. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
448427. KR 559. Niger. IITA, Ibadan. TVU 5115. Farm, near Dakoro, 117km north of Maradi. Cultivated. Seed.
448428. KR 559a. Niger. IITA, Ibadan. TVU 5116. Farm, near Dakoro, 117km north of Maradi. Cultivated. Seed.
448429. KR 559b. Niger. IITA, Ibadan. TVU 5117. Farm, near Dakoro, 117km north of Maradi. Cultivated. Seed.
448430. KR 560. Niger. IITA, Ibadan. TVU 5118. Farm, 44km north of Maradi to Dakoro. Cultivated. Seed.
448431. KR 559d. Niger. IITA, Ibadan. TVU 5119. Farm near Dakoro, 117km north of Maradi. Cultivated. Seed.
448432. KR 559e. Niger. IITA, Ibadan. TVU 5120. Farm near

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- Dakoro, 117km north of Maradi. Cultivated. Seed.
448433. KR 559f. Niger. IITA, Ibadan. TVU 5121. Farm near Dakoro, 117km north of Maradi. Cultivated. Seed.
448434. KR 561. Niger. IITA, Ibadan. TVU 5122. Market, Dakoro. Cultivated. Seed.
448435. KR 562. Niger. IITA, Ibadan. TVU 5123. Market, Dakoro. Cultivated. Seed.
448436. KR 562a. Niger. IITA, Ibadan. TVU 5124. Market, Dakoro. Cultivated. Seed.
448437. KR 562b. Niger. IITA, Ibadan. TVU 5125. Market, Dakoro. Cultivated. Seed.
448438. KR 562c. Niger. IITA, Ibadan. TVU 5134. Market, Dakoro. Cultivated. Seed.
448439. KR 562d. Niger. IITA, Ibadan. TVU 5140. Market, Dakoro. Cultivated. Seed.
448440. KR 562e. Niger. IITA, Ibadan. TVU 5145. Market, Dakoro. Cultivated. Seed.
448441. KR 562f. Niger. IITA, Ibadan. TVU 5156. Market, Dakoro. Cultivated. Seed.
448442. KR 562g. Niger. IITA, Ibadan. TVU 5160. Market, Dakoro. Cultivated. Seed.
448443. KR 562h. Niger. IITA, Ibadan. TVU 5164. Market, Dakoro. Cultivated. Seed.
448444. KR 568. IITA, Ibadan. TVU 5180. Collected November 15, 1973. Farm, 74km north of Ibadan to Cgbomosh. Cultivated. Seed.
448445. KR 568a. IITA, Ibadan. TVU 5181. Collected November 15, 1973. Farm, 74km north of Ibadan to Cgbomosh. Cultivated. Seed.
448446. KR 568b. IITA, Ibadan. TVU 5182. Collected November 15, 1973. Farm, 74km north of Ibadan to Cgbomosh. Cultivated. Seed.
448447. KR 568c. IITA, Ibadan. TVU 5183. Collected November 15, 1973. Farm, 74km north of Ibadan to Cgbomosh. Cultivated. Seed.
448448. KR 570. IITA, Ibadan. TVU 5185. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.

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448449. KR 570a. IITA, Ibadan. TVU 5186. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.
448450. KR 570A. IITA, Ibadan. TVU 5187. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.
448451. KR 570B. IITA, Ibadan. TVU 5188. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.
448452. KR 570C. IITA, Ibadan. TVU 5189. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.
448453. KR 570D. IITA, Ibadan. TVU 5190. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.
448454. KR 571. IITA, Ibadan. TVU 5192. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448455. KR 571a. IITA, Ibadan. TVU 5193. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448456. KR 571A. IITA, Ibadan. TVU 5194. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448457. KR 571B. IITA, Ibadan. TVU 5195. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448458. KR 571C. IITA, Ibadan. TVU 5196. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448459. KR 571D. IITA, Ibadan. TVU 5197. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448460. KR 571b. IITA, Ibadan. TVU 5198. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448461. KR 571c. IITA, Ibadan. TVU 5199. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448462. KR 571d. IITA, Ibadan. TVU 5200. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448463. KR 571E. IITA, Ibadan. TVU 5201. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448464. KR 571F. IITA, Ibadan. TVU 5202. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
448465. KR 577. IITA, Ibadan. TVU 5204. Collected November 15, 1973. Farm, 54km north of Ilorin to Jebba. Cultivated. Seed.

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448466. KR 577A. IITA, Ibadan. TVU 5205. Collected November 15, 1973. Farm, 54km north of Ilorin to Jebba. Cultivated. Seed.
448467. KR 577B. IITA, Ibadan. TVU 5206. Collected November 15, 1973. Farm, 54km north of Ilorin to Jebba. Cultivated. Seed.
448468. KR 577C. IITA, Ibadan. TVU 5208. Collected November 15, 1973. Farm, 54km north of Ilorin to Jebba. Cultivated. Seed.
448469. KR 578. IITA, Ibadan. TVU 5211. Collected November 15, 1973. Farm, 61km north of Ilorin to Jebba. Cultivated. Seed.
448470. KR 578a. IITA, Ibadan. TVU 5212. Collected November 15, 1973. Farm, 61km north of Ilorin to Jebba. Cultivated. Seed.
448471. KR 578A. IITA, Ibadan. TVU 5213. Collected November 15, 1973. Farm, 61km north of Ilorin to Jebba. Cultivated. Seed.
448472. KR 578B. IITA, Ibadan. TVU 5214. Collected November 15, 1973. Farm, 61km north of Ilorin to Jebba. Cultivated. Seed.
448473. KR 579A. IITA, Ibadan. TVU 5215. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448474. KR 579B. IITA, Ibadan. TVU 5216. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448475. KR 579C. IITA, Ibadan. TVU 5217. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448476. KR 579D. IITA, Ibadan. TVU 5218. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448477. KR 579E. IITA, Ibadan. TVU 5219. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448478. KR 579. IITA, Ibadan. TVU 5220. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.

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448479. KR 579F. IITA, Ibadan. TVU 5221. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448480. KR 579G. IITA, Ibadan. TVU 5222. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448481. KR 579a. IITA, Ibadan. TVU 5223. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448482. KR 579H. IITA, Ibadan. TVU 5224. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
448483. KR 578b. IITA, Ibadan. TVU 5225. Collected November 15, 1973. Farm, 61km north of Ilorin to Jebba. Cultivated. Seed.
448484. KR 578c. IITA, Ibadan. TVU 5226. Collected November 15, 1973. Farm, 61km north of Ilorin to Jebba. Cultivated. Seed.
448485. KR 580A. IITA, Ibadan. TVU 5227. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
448486. KR 580B. IITA, Ibadan. TVU 5228. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
448487. KR 580. IITA, Ibadan. TVU 5229. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
448488. KR 580a. IITA, Ibadan. TVU 5230. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
448489. KR 580b. IITA, Ibadan. TVU 5231. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
448490. KR 580c. IITA, Ibadan. TVU 5232. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
448491. KR 581. IITA, Ibadan. TVU 5233. Collected November 15, 1973. Farm, 3km north of Jebba to Bokwa. Cultivated. Seed.
448492. KR 585A. IITA, Ibadan. TVU 5238. Collected November 16,

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1973. Farm, 6km east of Mokwa-Bida Junction. Cultivated.
Seed.
448493. KR 585. IITA, Ibadan. TVU 5239. Collected November 16,
1973. Farm, 6km east of Mokwa-Bida Junction. Cultivated.
Seed.
448494. KR 585B. IITA, Ibadan. TVU 5240. Collected November 16,
1973. Farm, 6km east of Mokwa-Bida Junction. Cultivated.
Seed.
448495. KR 585C. IITA, Ibadan. TVU 5241. Collected November 16,
1973. Farm, 6km east of Mokwa-Bida Junction. Cultivated.
Seed.
448496. KR 585D. IITA, Ibadan. TVU 5242. Collected November 16,
1973. Farm, 6km east of Mokwa-Bida Junction. Cultivated.
Seed.
448497. KR 587A. IITA, Ibadan. TVU 5244. Collected November 16,
1973. Farm, 75km east of Mokwa-Bida Junction. Cultivated.
Seed.
448498. KR 587B. IITA, Ibadan. TVU 5246. Collected November 16,
1973. Farm, 75km east of Mokwa-Bida Junction. Cultivated.
Seed.
448499. KR 590. Niger. IITA, Ibadan. TVU 5247. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448500. KR 590a. Niger. IITA, Ibadan. TVU 5248. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448501. KR 590A. Niger. IITA, Ibadan. TVU 5249. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448502. KR 590B. Niger. IITA, Ibadan. TVU 5250. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448503. KR 590C. Niger. IITA, Ibadan. TVU 5251. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448504. KR 590D. Niger. IITA, Ibadan. TVU 5252. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448505. KR 590E. Niger. IITA, Ibadan. TVU 5253. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.

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Cultivated. Seed.

448506. KR 590b. Niger. IITA, Ibadan. TVU 5254. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448507. KR 590F. Niger. IITA, Ibadan. TVU 5255. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448508. KR 590G. Niger. IITA, Ibadan. TVU 5256. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448509. KR 590H. Niger. IITA, Ibadan. TVU 5257. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448510. KR 590c. Niger. IITA, Ibadan. TVU 5258. Collected
November 20, 1973. Farm, 170km east of Maradi to Zinder.
Cultivated. Seed.
448511. KR 591. Niger. IITA, Ibadan. TVU 5259. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448512. KR 591a. Niger. IITA, Ibadan. TVU 5260. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448513. KR 591A. Niger. IITA, Ibadan. TVU 5262. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448514. KR 591B. Niger. IITA, Ibadan. TVU 5265. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448515. KR 591b. Niger. IITA, Ibadan. TVU 5266. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448516. KR 591c. Niger. IITA, Ibadan. TVU 5268. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448517. KR 591d. Niger. IITA, Ibadan. TVU 5269. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.
448518. KR 591C. Niger. IITA, Ibadan. TVU 5270. Collected
November 20, 1973. Market, 160km east of Maradi to Zinder.
Cultivated. Seed.

448519. KR 591e. Niger. IITA, Ibadan. TVU 5271. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448520. KR 591f. Niger. IITA, Ibadan. TVU 5272. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448521. KR 591g. Niger. IITA, Ibadan. TVU 5273. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448522. KR 591E. Niger. IITA, Ibadan. TVU 5276. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448523. KR 591D. Niger. IITA, Ibadan. TVU 5278. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448524. KR 591F. Niger. IITA, Ibadan. TVU 5279. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448525. KR 591G. Niger. IITA, Ibadan. TVU 5280. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
448526. KR 592A. Niger. IITA, Ibadan. TVU 5281. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.
448527. KR 592B. Niger. IITA, Ibadan. TVU 5282. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.
448528. KR 592. Niger. IITA, Ibadan. TVU 5283. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.
448529. KR 592a. Niger. IITA, Ibadan. TVU 5284. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.
448530. KR 592b. Niger. IITA, Ibadan. TVU 5285. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.
448531. KR 592c. Niger. IITA, Ibadan. TVU 5286. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.

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448532. KR 592d. Niger. IITA, Ibadan. TVU 5287. Collected
November 20, 1973. Farm, 150km east of Maradi to Zinder.
Cultivated. Seed.
448533. KR 593. Niger. IITA, Ibadan. TVU 5288. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448534. KR 592C. Niger. IITA, Ibadan. TVU 5289. Collected
November 20, 1973. Farm, 150km east of Maradi to Zinder.
Cultivated. Seed.
448535. KR 593A. Niger. IITA, Ibadan. TVU 5290. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448536. KR 593B. Niger. IITA, Ibadan. TVU 5291. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448537. KR 593a. Niger. IITA, Ibadan. TVU 5292. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448538. KR 593b. Niger. IITA, Ibadan. TVU 5293. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448539. KR 593C1. Niger. IITA, Ibadan. TVU 5294. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448540. KR 593c. Niger. IITA, Ibadan. TVU 5295. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448541. KR 593d. Niger. IITA, Ibadan. TVU 5296. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448542. KR 593D. Niger. IITA, Ibadan. TVU 5297. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448543. KR 593E. Niger. IITA, Ibadan. TVU 5298. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448544. KR 593F. Niger. IITA, Ibadan. TVU 5299. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448545. KR 593G. Niger. IITA, Ibadan. TVU 5301. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448546. KR 593e. Niger. IITA, Ibadan. TVU 5302. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448547. KR 593H. Niger. IITA, Ibadan. TVU 5303. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448548. KR 593f. Niger. IITA, Ibadan. TVU 5304. Collected
November 20, 1973. Farm, near Tessoua. Cultivated. Seed.

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448549. KR 593g. Niger. IITA, Ibadan. TVU 5305. Collected November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448550. KR 593h. Niger. IITA, Ibadan. TVU 5306. Collected November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
448551. KR 594. Niger. IITA, Ibadan. TVU 5307. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448552. KR 594a. Niger. IITA, Ibadan. TVU 5308. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448553. KR 594b. Niger. IITA, Ibadan. TVU 5310. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448554. KR 594c. Niger. IITA, Ibadan. TVU 5311. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448555. KR 594d. Niger. IITA, Ibadan. TVU 5312. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448556. KR 594A. Niger. IITA, Ibadan. TVU 5313. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448557. KR 594e. Niger. IITA, Ibadan. TVU 5314. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448558. KR 594f. Niger. IITA, Ibadan. TVU 5315. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448559. KR 594g. Niger. IITA, Ibadan. TVU 5316. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448560. KR 594h. Niger. IITA, Ibadan. TVU 5317. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448561. KR 594i. Niger. IITA, Ibadan. TVU 5318. Collected November 20, 1973. Farm, 10km from Gazoua to Maradi. Cultivated. Seed.
448562. KR 595. Niger. IITA, Ibadan. TVU 5319. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi.

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Cultivated. Seed.

448563. KR 595a. Niger. IITA, Ibadan. TVU 5320. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448564. KR 595A. Niger. IITA, Ibadan. TVU 5322. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448565. KR 595b. Niger. IITA, Ibadan. TVU 5323. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448566. KR 595c. Niger. IITA, Ibadan. TVU 5324. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448567. KR 595B. Niger. IITA, Ibadan. TVU 5325. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448568. KR 595C. Niger. IITA, Ibadan. TVU 5326. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448569. KR 595d. Niger. IITA, Ibadan. TVU 5327. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448570. KR 595D. Niger. IITA, Ibadan. TVU 5328. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448571. KR 595E. Niger. IITA, Ibadan. TVU 5329. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448572. KR 595e. Niger. IITA, Ibadan. TVU 5330. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448573. KR 595f. Niger. IITA, Ibadan. TVU 5331. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448574. KR 595g. Niger. IITA, Ibadan. TVU 5332. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
448575. KR 595h. Niger. IITA, Ibadan. TVU 5333. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.

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448576. KR 597A. Niger. IITA, Ibadan. TVU 5339. Collected November 20, 1973. Farm, Madarumpha, South of Maradi. Cultivated. Seed.
448577. KR 597. Niger. IITA, Ibadan. TVU 5342. Collected November 20, 1973. Farm, Madarumpha, South of Maradi. Cultivated. Seed.
448578. KR 597a. Niger. IITA, Ibadan. TVU 5343. Collected November 20, 1973. Farm, Madarumpha, South of Maradi. Cultivated. Seed.
448579. KR 599. Niger. IITA, Ibadan. TVU 5344. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448580. KR 599a. Niger. IITA, Ibadan. TVU 5345. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448581. KR 599A. Niger. IITA, Ibadan. TVU 5346. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448582. KR 599b. Niger. IITA, Ibadan. TVU 5347. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448583. KR 599B. Niger. IITA, Ibadan. TVU 5349. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448584. KR 599c. Niger. IITA, Ibadan. TVU 5350. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448585. KR 599d. Niger. IITA, Ibadan. TVU 5351. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448586. KR 599e. Niger. IITA, Ibadan. TVU 5352. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448587. KR 599f. Niger. IITA, Ibadan. TVU 5353. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.
448588. KR 599g. Niger. IITA, Ibadan. TVU 5354. Collected November 20, 1973. Farm, 128km east of Madaoua to Maradi. Cultivated. Seed.

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448589. KR 600. Niger. IITA, Ibadan. TVU 5356. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448590. KR 600a. Niger. IITA, Ibadan. TVU 5357. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448591. KR 600b. Niger. IITA, Ibadan. TVU 5358. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448592. KR 600A. Niger. IITA, Ibadan. TVU 5359. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448593. KR 600B. Niger. IITA, Ibadan. TVU 5361. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448594. KR 600c. Niger. IITA, Ibadan. TVU 5365. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448595. KR 600d. Niger. IITA, Ibadan. TVU 5366. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448596. KR 600e. Niger. IITA, Ibadan. TVU 5367. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448597. KR 600f. Niger. IITA, Ibadan. TVU 5368. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448598. KR 600g. Niger. IITA, Ibadan. TVU 5369. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448599. KR 600h. Niger. IITA, Ibadan. TVU 5371. Collected November 20, 1973. Farm, 120km east of Madaoua to Maradi. Cultivated. Seed.
448600. KR 601. Niger. IITA, Ibadan. TVU 5372. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448601. KR 601a. Niger. IITA, Ibadan. TVU 5373. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.

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448602. KR 601b. Niger. IITA, Ibadan. TVU 5374. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448603. KR 601c. Niger. IITA, Ibadan. TVU 5375. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448604. KR 601A. Niger. IITA, Ibadan. TVU 5376. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448605. KR 601d. Niger. IITA, Ibadan. TVU 5377. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448606. KR 601B. Niger. IITA, Ibadan. TVU 5378. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448607. KR 601C. Niger. IITA, Ibadan. TVU 5379. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448608. KR 601e. Niger. IITA, Ibadan. TVU 5380. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448609. KR 601f. Niger. IITA, Ibadan. TVU 5381. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448610. KR 601g. Niger. IITA, Ibadan. TVU 5382. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448611. KR 601h. Niger. IITA, Ibadan. TVU 5383. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448612. KR 601i. Niger. IITA, Ibadan. TVU 5385. Collected November 21, 1973. Farm, 100km east of Madaoua to Maradi. Cultivated. Seed.
448613. KR 602. Niger. IITA, Ibadan. TVU 5386. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448614. KR 602A. Niger. IITA, Ibadan. TVU 5387. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.

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448615. KR 602a. Niger. IITA, Ibadan. TVU 5388. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448616. KR 602B. Niger. IITA, Ibadan. TVU 5389. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448617. KR 602b. Niger. IITA, Ibadan. TVU 5390. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448618. KR 602c. Niger. IITA, Ibadan. TVU 5393. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448619. KR 602d. Niger. IITA, Ibadan. TVU 5394. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448620. KR 602C. Niger. IITA, Ibadan. TVU 5395. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448621. KR 602D. Niger. IITA, Ibadan. TVU 5396. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
448622. KR 603A. Niger. IITA, Ibadan. TVU 5398. Collected November 21, 1973. Farm, 80km east of Madaoua to Maradi. Cultivated. Seed.
448623. KR 603. Niger. IITA, Ibadan. TVU 5399. Collected November 21, 1973. Farm, 80km east of Madaoua to Maradi. Cultivated. Seed.
448624. KR 603a. Niger. IITA, Ibadan. TVU 5404. Collected November 21, 1973. Farm, 80km east of Madaoua to Maradi. Cultivated. Seed.
448625. KR 603b. Niger. IITA, Ibadan. TVU 5405. Collected November 21, 1973. Farm, 80km east of Madaoua to Maradi. Cultivated. Seed.
448626. KR 603B. Niger. IITA, Ibadan. TVU 5406. Collected November 21, 1973. Farm, 80km east of Madaoua to Maradi. Cultivated. Seed.
448627. KR 604A. Niger. IITA, Ibadan. TVU 5408. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.

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448628. KR 604B. Niger. IITA, Ibadan. TVU 5409. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448629. KR 604. Niger. IITA, Ibadan. TVU 5410. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448630. KR 604C. Niger. IITA, Ibadan. TVU 5412. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448631. KR 604D. Niger. IITA, Ibadan. TVU 5413. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448632. KR 604E. Niger. IITA, Ibadan. TVU 5414. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448633. KR 604a. Niger. IITA, Ibadan. TVU 5416. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448634. KR 604F. Niger. IITA, Ibadan. TVU 5417. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448635. KR 604G. Niger. IITA, Ibadan. TVU 5418. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
448636. KR 605A. Niger. IITA, Ibadan. TVU 5419. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448637. KR 605. Niger. IITA, Ibadan. TVU 5420. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448638. KR 605B. Niger. IITA, Ibadan. TVU 5421. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448639. KR 605a. Niger. IITA, Ibadan. TVU 5422. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448640. KR 605b. Niger. IITA, Ibadan. TVU 5423. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.

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448641. KR 605c. Niger. IITA, Ibadan. TVU 5424. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448642. KR 605C. Niger. IITA, Ibadan. TVU 5425. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448643. KR 605D. Niger. IITA, Ibadan, TVU 5427. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448644. KR 605E. Niger. IITA, Ibadan. TVU 5428. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448645. KR 605d. Niger. IITA, Ibadan. TVU 5429. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448646. KR 605e. Niger. IITA, Ibadan. TVU 5431. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448647. KR 605f. Niger. IITA, Ibadan. TVU 5432. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448648. KR 605g. Niger. IITA, Ibadan. TVU 5433. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448649. KR 605h. Niger. IITA, Ibadan. TVU 5434. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448650. KR 605F. Niger. IITA, Ibadan. TVU 5435. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448651. KR 605G. Niger. IITA, Ibadan. TVU 5437. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448652. KR 607. Niger. IITA, Ibadan. TVU 5438. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448653. KR 607a. Niger. IITA, Ibadan. TVU 5439. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.

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448654. KR 607A. Niger. IITA, Ibadan. TVU 5440. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448655. KR 607b. Niger. IITA, Ibadan. TVU 5441. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448656. KR 607B. Niger. IITA, Ibadan. TVU 5442. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448657. KR 607c. Niger. IITA, Ibadan. TVU 5443. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448658. KR 607d. Niger. IITA, Ibadan. TVU 5444. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448659. KR 607C. Niger. IITA, Ibadan. TVU 5445. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448660. KR 607e. Niger. IITA, Ibadan. TVU 5446. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448661. KR 607D. Niger. IITA, Ibadan. TVU 5447. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448662. KR 607E. Niger. IITA, Ibadan. TVU 5448. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448663. KR 607f. Niger. IITA, Ibadan. TVU 5449. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448664. KR 607g. Niger. IITA, Ibadan. TVU 5450. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
448665. KR 608. Niger. IITA, Ibadan. TVU 5451. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
448666. KR 608A. Niger. IITA, Ibadan. TVU 5452. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.

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- 448667. KR 608a. Niger. IITA, Ibadan. TVU 5453. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448668. KR 608b. Niger. IITA, Ibadan. TVU 5454. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448669. KR 608c. Niger. IITA, Ibadan. TVU 5456. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448670. KR 608d. Niger. IITA, Ibadan. TVU 5457. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448671. KR 608e. Niger. IITA, Ibadan. TVU 5458. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448672. KR 608f. Niger. IITA, Ibadan. TVU 5461. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448673. KR 608g. Niger. IITA, Ibadan. TVU 5462. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448674. KR 608B. Niger. IITA, Ibadan. TVU 5463. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448675. KR 608C. Niger. IITA, Ibadan. TVU 5464. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448676. KR 608h. Niger. IITA, Ibadan. TVU 5465. Collected November 21, 1973. Farm, 30km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448677. KR 609. Niger. IITA, Ibadan. TVU 5466. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448678. KR 609a. Niger. IITA, Ibadan. TVU 5468. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
- 448679. KR 609b. Niger. IITA, Ibadan. TVU 5469. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.

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448680. KR 609c. Niger. IITA, Ibadan. TVU 5470. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448681. KR 609d. Niger. IITA, Ibadan. TVU 5471. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448682. KR 609e. Niger. IITA, Ibadan. TVU 5473. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448683. KR 609f. Niger. IITA, Ibadan. TVU 5474. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448684. KR 609g. Niger. IITA, Ibadan. TVU 5475. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448685. KR 609h. Niger. IITA, Ibadan. TVU 5476. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448686. KR 609i. Niger. IITA, Ibadan. TVU 5477. Collected November 21, 1973. Farm, 15km east of Birnin-Konni to Maradi. Cultivated. Seed.
448687. KR 610. Niger. IITA, Ibadan. TVU 5478. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448688. KR 610a. Niger. IITA, Ibadan. TVU 5479. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448689. KR 610A. Niger. IITA, Ibadan. TVU 5480. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448690. KR 610B. Niger. IITA, Ibadan. TVU 5481. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448691. KR 610C. Niger. IITA, Ibadan. TVU 5482. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448692. KR 610b. Niger. IITA, Ibadan. TVU 5483. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.

448693. KR 610c. Niger. IITA, Ibadan. TVU 5484. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448694. KR 610d. Niger. IITA, Ibadan. TVU 5485. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448695. KR 610e. Niger. IITA, Ibadan. TVU 5486. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448696. KR 610f. Niger. IITA, Ibadan. TVU 5487. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448697. KR 610g. Niger. IITA, Ibadan. TVU 5488. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448698. KR 610h. Niger. IITA, Ibadan. TVU 5489. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
448699. KR 611. Niger. IITA, Ibadan. TVU 5490. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448700. KR 611A. Niger. IITA, Ibadan. TVU 5491. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448701. KR 611a. Niger. IITA, Ibadan. TVU 5492. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448702. KR 611b. Niger. IITA, Ibadan. TVU 5493. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448703. KR 611c. Niger. IITA, Ibadan. TVU 5494. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448704. KR 611d. Niger. IITA, Ibadan. TVU 5495. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448705. KR 611e. Niger. IITA, Ibadan. TVU 5496. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.

448706. KR 611f. Niger. IITA, Ibadan. TVU 5497. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448707. KR 611g. Niger. IITA, Ibadan. TVU 5498. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448708. KR 611h. Niger. IITA, Ibadan. TVU 5499. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448709. KR 612. Niger. IITA, Ibadan. TVU 5500. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448710. KR 612a. Niger. IITA, Ibadan. TVU 5501. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448711. KR 612b. Niger. IITA, Ibadan. TVU 5502. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448712. KR 612c. Niger. IITA, Ibadan. TVU 5503. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448713. KR 612d. Niger. IITA, Ibadan. TVU 5504. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448714. KR 612e. Niger. IITA, Ibadan. TVU 5505. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448715. KR 612f. Niger. IITA, Ibadan. TVU 5506. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448716. KR 612g. Niger. IITA, Ibadan. TVU 5508. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448717. KR 612h. Niger. IITA, Ibadan. TVU 5509. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448718. KR 612i. Niger. IITA, Ibadan. TVU 5510. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.

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448719. KR 612j. Niger. IITA, Ibadan. TVU 5512. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448720. KR 612k. Niger. IITA, Ibadan. TVU 5513. Collected November 22, 1973. Farm, 80km east of Dosso to Dogondoutchi. Cultivated. Seed.
448721. KR 613. Niger. IITA, Ibadan. TVU 5514. Collected November 22, 1973. Farm, 22km east of Dosso to Dogondoutchi. Cultivated. Seed.
448722. KR 613a. Niger. IITA, Ibadan. TVU 5515. Collected November 22, 1973. Farm, 22km east of Dosso to Dogondoutchi. Cultivated. Seed.
448723. KR 613b. Niger. IITA, Ibadan. TVU 5516. Collected November 22, 1973. Farm, 22km east of Dosso to Dogondoutchi. Cultivated. Seed.
448724. KR 613c. Niger. IITA, Ibadan. TVU 5517. Collected November 22, 1973. Farm, 22km east of Dosso to Dogondoutchi. Cultivated. Seed.
448725. KR 613d. Niger. IITA, Ibadan. TVU 5518. Collected November 22, 1973. Farm, 22km east of Dosso to Dogondoutchi. Cultivated. Seed.
448726. KR 613e. Niger. IITA, Ibadan. TVU 5519. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448727. KR 613f. Niger. IITA, Ibadan. TVU 5521. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448728. KR 613g. Niger. IITA, Ibadan. TVU 5523. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448729. KR 613h. Niger. IITA, Ibadan. TVU 5524. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448730. KR 613i. Niger. IITA, Ibadan. TVU 5525. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
448731. KR 614. Niger. IITA, Ibadan. TVU 5526. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.

448732. KR 614a. Niger. IITA, Ibadan. TVU 5527. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448733. KR 614A. Niger. IITA, Ibadan. TVU 5528. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448734. KR 614b. Niger. IITA, Ibadan. TVU 5529. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448735. KR 614c. Niger. IITA, Ibadan. TVU 5530. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448736. KR 614d. Niger. IITA, Ibadan. TVU 5531. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448737. KR 614B. Niger. IITA, Ibadan. TVU 5532. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448738. KR 614e. Niger. IITA, Ibadan. TVU 5533. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448739. KR 614f. Niger. IITA, Ibadan. TVU 5534. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448740. KR 614g. Niger. IITA, Ibadan. TVU 5535. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448741. KR 614C. Niger. IITA, Ibadan. TVU 5536. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448742. KR 614h. Niger. IITA, Ibadan. TVU 5537. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448743. KR 614i. Niger. IITA, Ibadan. TVU 5538. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448744. KR 614j. Niger. IITA, Ibadan. TVU 5539. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.

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448745. KR 614k. Niger. IITA, Ibadan. TVU 5540. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448746. KR 614D. Niger. IITA, Ibadan. TVU 5541. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448747. KR 614E. Niger. IITA, Ibadan. TVU 5542. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448748. KR 614F. Niger. IITA, Ibadan. TVU 5545. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448749. KR 614I. Niger. IITA, Ibadan. TVU 5547. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448750. KR 614m. Niger. IITA, Ibadan. TVU 5548. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448751. KR 614n. Niger. IITA, Ibadan. TVU 5550. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448752. KR 614o. Niger. IITA, Ibadan. TVU 5551. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448753. KR 614p. Niger. IITA, Ibadan. TVU 5552. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448754. KR 614q. Niger. IITA, Ibadan. TVU 5553. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448755. KR 614G. Niger. IITA, Ibadan. TVU 5554. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448756. KR 614H. Niger. IITA, Ibadan. TVU 5556. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448757. KR 614r. Niger. IITA, Ibadan. TVU 5557. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.

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448758. KR 614s. Niger. IITA, Ibadan. TVU 5558. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448759. KR 614I. Niger. IITA, Ibadan. TVU 5559. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448760. KR 614J. Niger. IITA, Ibadan. TVU 5560. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448761. KR 614K. Niger. IITA, Ibadan. TVU 5561. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448762. KR 614t. Niger. IITA, Ibadan. TVU 5562. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448763. KR 614u. Niger. IITA, Ibadan. TVU 5563. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
448764. KR 615. Niger. IITA, Ibadan. TVU 5564. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448765. KR 615a. Niger. IITA, Ibadan. TVU 5565. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448766. KR 615A. Niger. IITA, Ibadan. TVU 5566. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448767. KR 615b. Niger. IITA, Ibadan. TVU 5568. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448768. KR 615B. Niger. IITA, Ibadan. TVU 5569. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448769. KR 615C. Niger. IITA, Ibadan. TVU 5571. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448770. KR 615c. Niger. IITA, Ibadan. TVU 5572. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.

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448771. KR 615d. Niger. IITA, Ibadan. TVU 5573. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
448772. KR 616. Niger. IITA, Ibadan. TVU 5575. Collected November 22, 1973. Farm, 42km east of Niamey to Tabla. Cultivated. Seed.
448773. KR 616A. Niger. IITA, Ibadan. TVU 5577. Collected November 22, 1973. Farm, 42km east of Niamey to Tabla. Cultivated. Seed.
448774. KR 616a. Niger. IITA, Ibadan. TVU 5579. Collected November 22, 1973. Farm, 42km east of Niamey to Tabla. Cultivated. Seed.
448775. KR 616B. Niger. IITA, Ibadan. TVU 5581. Collected November 22, 1973. Farm, 42km east of Niamey to Tabla. Cultivated. Seed.
448776. KR 616C. Niger. IITA, Ibadan. TVU 5583. Collected November 22, 1973. Farm, 42km east of Niamey to Tabla. Cultivated. Seed.
448777. KR 617. Niger. IITA, Ibadan. TVU 5584. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
448778. KR 617A. Niger. IITA, Ibadan. TVU 5585. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
448779. KR 617a. Niger. IITA, Ibadan. TVU 5586. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
448780. KR 617b. Niger. IITA, Ibadan. TVU 5587. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
448781. KR 617c. Niger. IITA, Ibadan. TVU 5589. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
448782. KR 617d. Niger. IITA, Ibadan. TVU 5590. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
448783. KR 617B. Niger. IITA, Ibadan. TVU 5591. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.

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448784. KR 618. Niger. IITA, Ibadan. TVU 5592. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448785. KR 618a. Niger. IITA, Ibadan. TVU 5593. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448786. KR 618b. Niger. IITA, Ibadan. TVU 5594. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448787. KR 618c. Niger. IITA, Ibadan. TVU 5596. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448788. KR 618d. Niger. IITA, Ibadan. TVU 5597. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448789. KR 618e. Niger. IITA, Ibadan. TVU 5598. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448790. KR 618f. Niger. IITA, Ibadan. TVU 5599. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448791. KR 618g. Niger. IITA, Ibadan. TVU 5600. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448792. KR 618A. Niger. IITA, Ibadan. TVU 5601. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448793. KR 618h. Niger. IITA, Ibadan. TVU 5602. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448794. KR 618B. Niger. IITA, Ibadan. TVU 5603. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448795. KR 618C. Niger. IITA, Ibadan. TVU 5604. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.
448796. KR 618i. Niger. IITA, Ibadan. TVU 5605. Collected November 20, 1973. Farm, 20km east of Niamey to Tabla. Cultivated. Seed.

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448797. KR 619. Niger. IITA, Ibadan. TVU 5606. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448798. KR 619a. Niger. IITA, Ibadan. TVU 5607. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448799. KR 619b. Niger. IITA, Ibadan. TVU 5608. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448800. KR 619c. Niger. IITA, Ibadan. TVU 5609. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448801. KR 619d. Niger. IITA, Ibadan. TVU 5610. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448802. KR 619e. Niger. IITA, Ibadan. TVU 5612. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448803. KR 619A. Niger. IITA, Ibadan. TVU 5613. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448804. KR 619B. Niger. IITA, Ibadan. TVU 5614. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448805. KR 619f. Niger. IITA, Ibadan. TVU 5615. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448806. KR 619C. Niger. IITA, Ibadan. TVU 5616. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448807. KR 619g. Niger. IITA, Ibadan. TVU 5617. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448808. KR 619D. Niger. IITA, Ibadan. TVU 5618. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
448809. KR 619h. Niger. IITA, Ibadan. TVU 5619. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.

448810. KR 620. Niger. IITA, Ibadan. TVU 5620. Collected November 23, 1973. Market, Sansani Hausa, 25km north of Niamey to Tillabery. Cultivated. Seed.
448811. KR 620a. Niger. IITA, Ibadan. TVU 5621. Collected November 23, 1973. Market, Sansani Hausa, 25km north of Niamey to Tillabery. Cultivated. Seed.
448812. KR 620b. Niger. IITA, Ibadan. TVU 5622. Collected November 23, 1973. Market, Sansani Hausa, 25km north of Niamey to Tillabery. Cultivated. Seed.
448813. KR 620c. Niger. IITA, Ibadan. TVU 5623. Collected November 23, 1973. Market, Sansani Hausa, 25km north of Niamey to Tillabery. Cultivated. Seed.
448814. KR 621. Niger. IITA, Ibadan. TVU 5624. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448815. KR 621a. Niger. IITA, Ibadan. TVU 5625. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448816. KR 621b. Niger. IITA, Ibadan. TVU 5626. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448817. KR 621A. Niger. IITA, Ibadan. TVU 5627. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448818. KR 621B. Niger. IITA, Ibadan. TVU 5628. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448819. KR 621c. Niger. IITA, Ibadan. TVU 5630. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448820. KR 621d. Niger. IITA, Ibadan. TVU 5631. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448821. KR 621e. Niger. IITA, Ibadan. TVU 5632. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448822. KR 621C. Niger. IITA, Ibadan. TVU 5633. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.

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448823. KR 621f. Niger. IITA, Ibadan. TVU 5634. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448824. KR 621D. Niger. IITA, Ibadan. TVU 5635. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448825. KR 621g. Niger. IITA, Ibadan. TVU 5638. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448826. KR 621E. Niger. IITA, Ibadan. TVU 5639. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448827. KR 621h. Niger. IITA, Ibadan. TVU 5640. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448828. KR 621i. Niger. IITA, Ibadan. TVU 5642. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448829. KR 621j. Niger. IITA, Ibadan. TVU 5643. Collected November 24, 1973. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
448830. KR 622. Niger. IITA, Ibadan. TVU 5644. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448831. KR 622a. Niger. IITA, Ibadan. TVU 5645. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448832. KR 622A. Niger. IITA, Ibadan. TVU 5646. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448833. KR 622b. Niger. IITA, Ibadan. TVU 5647. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448834. KR 622c. Niger. IITA, Ibadan. TVU 5648. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448835. KR 622d. Niger. IITA, Ibadan. TVU 5649. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.

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448836. KR 622e. Niger. IITA, Ibadan. TVU 5650. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448837. KR 622B. Niger. IITA, Ibadan. TVU 5651. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448838. KR 622f. Niger. IITA, Ibadan. TVU 5652. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448839. KR 622g. Niger. IITA, Ibadan. TVU 5653. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448840. KR 622C. Niger. IITA, Ibadan. TVU 5654. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448841. KR 622h. Niger. IITA, Ibadan. TVU 5655. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448842. KR 622D. Niger. IITA, Ibadan. TVU 5656. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448843. KR 622E. Niger. IITA, Ibadan. TVU 5657. Collected November 24, 1973. Farm, 3km south of Dosso to Gaya. 40m. Cultivated. Seed.
448844. KR 623A. Niger. IITA, Ibadan. TVU 5658. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448845. KR 623. Niger. IITA, Ibadan. TVU 5659. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448846. KR 623a. Niger. IITA, Ibadan. TVU 5660. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448847. KR 623b. Niger. IITA, Ibadan. TVU 5662. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448848. KR 623c. Niger. IITA, Ibadan. TVU 5663. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.

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448849. KR 623B. Niger. IITA, Ibadan. TVU 5664. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448850. KR 623d. Niger. IITA, Ibadan. TVU 5665. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448851. KR 623e. Niger. IITA, Ibadan. TVU 5666. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448852. KR 623f. Niger. IITA, Ibadan. TVU 5667. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448853. KR 623g. Niger. IITA, Ibadan. TVU 5668. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448854. KR 623C. Niger. IITA, Ibadan. TVU 5669. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448855. KR 623D. Niger. IITA, Ibadan. TVU 5670. Collected November 24, 1973. Farm, 7km south of Dosso to Gaya. Cultivated. Seed.
448856. KR 624. Niger. IITA, Ibadan. TVU 5671. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448857. KR 624A. Niger. IITA, Ibadan. TVU 5672. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448858. KR 624B. Niger. IITA, Ibadan. TVU 5673. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448859. KR 624a. Niger. IITA, Ibadan. TVU 5674. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448860. KR 624b. Niger. IITA, Ibadan. TVU 5675. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448861. KR 624C. Niger. IITA, Ibadan. TVU 5677. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.

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448862. KR 624D. Niger. IITA, Ibadan. TVU 5678. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448863. KR 624E. Niger. IITA, Ibadan. TVU 5679. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448864. KR 624F. Niger. IITA, Ibadan. TVU 5681. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448865. KR 624G. Niger. IITA, Ibadan. TVU 5685. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448866. KR 624H. Niger. IITA, Ibadan. TVU 5686. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448867. KR 624I. Niger. IITA, Ibadan. TVU 5687. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448868. KR 624J. Niger. IITA, Ibadan. TVU 5688. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448869. KR 624K. Niger. IITA, Ibadan. TVU 5689. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448870. KR 624L. Niger. IITA, Ibadan. TVU 5690. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
448871. KR 625. Niger. IITA, Ibadan. TVU 5691. Collected November 24, 1973. Farm, 33km north of Gaya to Dosso. Cultivated. Seed.
448872. KR 626A. IITA, Ibadan. TVU 5692. Collected November 24, 1973. Farm, Sabon-Birri, 4km west of Kamba, near the Niger-Nigeria border. Cultivated. Seed.
448873. KR 627. IITA, Ibadan. TVU 5694. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448874. KR 627A. IITA, Ibadan. TVU 5696. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448875. KR 627B. IITA, Ibadan. TVU 5697. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.

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448876. KR 627a. IITA, Ibadan. TVU 5698. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448877. KR 627C. IITA, Ibadan. TVU 5700. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448878. KR 627D. IITA, Ibadan. TVU 5703. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448879. KR 627E. IITA, Ibadan. TVU 5705. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448880. KR 627F. IITA, Ibadan. TVU 5707. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448881. KR 627b. IITA, Ibadan. TVU 5708. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448882. KR 627G. IITA, Ibadan. TVU 5709. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448883. KR 627H. IITA, Ibadan. TVU 5711. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448884. KR 627I. IITA, Ibadan. TVU 5712. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448885. KR 627J. IITA, Ibadan. TVU 5713. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448886. KR 627K. IITA, Ibadan. TVU 5715. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448887. KR 627c. IITA, Ibadan. TVU 5717. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448888. KR 627L. IITA, Ibadan. TVU 5718. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448889. KR 627M. IITA, Ibadan. TVU 5719. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448890. KR 627d. IITA, Ibadan. TVU 5721. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448891. KR 627N. IITA, Ibadan. TVU 5722. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448892. KR 627O. IITA, Ibadan. TVU 5723. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448893. KR 627P. IITA, Ibadan. TVU 5726. Collected November 24,

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1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448894. KR 627Q. IITA, Ibadan. TVU 5727. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
448895. KR 628A. IITA, Ibadan. TVU 5729. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448896. KR 628B. IITA, Ibadan. TVU 5730. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448897. KR 628C. IITA, Ibadan. TVU 5731. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448898. KR 628D. IITA, Ibadan. TVU 5732. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448899. KR 628E. IITA, Ibadan. TVU 5733. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448900. KR 628. IITA, Ibadan. TVU 5735. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448901. KR 628a. IITA, Ibadan. TVU 5736. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448902. KR 628b. IITA, Ibadan. TVU 5737. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448903. KR 628c. IITA, Ibadan. TVU 5739. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448904. KR 628F. IITA, Ibadan. TVU 5740. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448905. KR 628G. IITA, Ibadan. TVU 5744. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448906. KR 628H. IITA, Ibadan. TVU 5746. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.

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448907. KR 628I. IITA, Ibadan. TVU 5748. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448908. KR 628J. IITA, Ibadan. TVU 5749. Collected November 24, 1973. Farm, Changa Kwai, 7km northeast of Kamba. Cultivated. Seed.
448909. KR 629A. IITA, Ibadan. TVU 5750. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448910. KR 629. IITA, Ibadan. TVU 5751. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448911. KR 629B. IITA, Ibadan. TVU 5752. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448912. KR 629a. IITA, Ibadan. TVU 5753. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448913. KR 629C. IITA, Ibadan. TVU 5754. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448914. KR 629D. IITA, Ibadan. TVU 5755. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448915. KR 629E. IITA, Ibadan. TVU 5756. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448916. KR 629b. IITA, Ibadan. TVU 5757. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448917. KR 629c. IITA, Ibadan. TVU 5758. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448918. KR 629F. IITA, Ibadan. TVU 5759. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448919. KR 629d. IITA, Ibadan. TVU 5761. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448920. KR 629G. IITA, Ibadan. TVU 5762. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448921. KR 629H. IITA, Ibadan. TVU 5764. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448922. KR 629I. IITA, Ibadan. TVU 5765. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
448923. KR 630. IITA, Ibadan. TVU 5766. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.

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448924. KR 631A. IITA, Ibadan. TVU 5768. Collected November 25, 1973. Farm, 8km south of Jega to Bin Yauri. Cultivated. Seed.
448925. KR 631. IITA, Ibadan. TVU 5771. Collected November 25, 1973. Farm, 8km south of Jega to Bin Yauri. Cultivated. Seed.
448926. KR 631a. IITA, Ibadan. TVU 5772. Collected November 25, 1973. Farm, 8km south of Jega to Bin Yauri. Cultivated. Seed.
448927. KR 631b. IITA, Ibadan. TVU 5774. Collected November 25, 1973. Farm, 8km south of Jega to Bin Yauri. Cultivated. Seed.
448928. KR 631B. IITA, Ibadan. TVU 5775. Collected November 25, 1973. Farm, 8km south of Jega to Bin Yauri. Cultivated. Seed.
448929. KR 631C. IITA, Ibadan. TVU 5777. Collected November 25, 1973. Farm, 8km south of Jega to Bin Yauri. Cultivated. Seed.
448930. KR 632A. IITA, Ibadan. TVU 5780. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448931. KR 632B. IITA, Ibadan. TVU 5781. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448932. KR 632C. IITA, Ibadan. TVU 5783. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448933. KR 632D. IITA, Ibadan. TVU 5784. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448934. KR 632. IITA, Ibadan. TVU 5785. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448935. KR 632E. IITA, Ibadan. TVU 5786. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448936. KR 632a. IITA, Ibadan. TVU 5788. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.

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448937. KR 632b. IITA, Ibadan. TVU 5789. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448938. KR 632c. IITA, Ibadan. TVU 5800. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448939. KR 632F. IITA, Ibadan. TVU 5803. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448940. KR 632G. IITA, Ibadan. TVU 5804. Collected November 25, 1973. Farm, 34km south of Jega to Bin Yauri. Cultivated. Seed.
448941. KR 633. IITA, Ibadan. TVU 5806. Collected November 25, 1973. Farm, near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448942. KR 633a. IITA, Ibadan. TVU 5807. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448943. KR 633b. IITA, Ibadan. TVU 5809. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448944. KR 634A. IITA, Ibadan. TVU 5810. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448945. KR 634. IITA, Ibadan. TVU 5811. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448946. KR 634B. IITA, Ibadan. TVU 5813. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448947. KR 634C. IITA, Ibadan. TVU 5814. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448948. KR 634D. IITA, Ibadan. TVU 5816. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448949. KR 634a. IITA, Ibadan. TVU 5817. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.

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448950. KR 634E. IITA, Ibadan. TVU 5818. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448951. KR 634F. IITA, Ibadan. TVU 5819. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448952. KR 634b. IITA, Ibadan. TVU 5820. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448953. KR 634c. IITA, Ibadan. TVU 5824. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448954. KR 634d. IITA, Ibadan. TVU 5826. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448955. KR 634e. IITA, Ibadan. TVU 5827. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448956. KR 634G. IITA, Ibadan. TVU 5828. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448957. KR 634f. IITA, Ibadan. TVU 5829. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448958. KR 634H. IITA, Ibadan. TVU 5832. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448959. KR 634I. IITA, Ibadan. TVU 5837. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448960. KR 634g. IITA, Ibadan. TVU 5840. Collected November 25, 1973. Farm near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448961. KR 634J. IITA, Ibadan. TVU 5844. Collected November 25, 1973. Farm, near Andarai, 49km south of Jega to Bin Yauri. Cultivated. Seed.
448962. KR 635. IITA, Ibadan. TVU 5845. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.

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448963. KR 635A. IITA, Ibadan. TVU 5848. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448964. KR 635B. IITA, Ibadan. TVU 5852. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448965. KR 635C. IITA, Ibadan. TVU 5854. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448966. KR 635D. IITA, Ibadan. TVU 5858. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448967. KR 635E. IITA, Ibadan. TVU 5859. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448968. KR 635F. IITA, Ibadan. TVU 5862. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448969. KR 635G. IITA, Ibadan. TVU 5864. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448970. KR 635H. IITA, Ibadan. TVU 5868. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
448971. KR 636A. IITA, Ibadan. TVU 5869. Collected November 25, 1973. Farm near Koko, between Jega and Bin Yauri. Cultivated. Seed.
448972. KR 636. IITA, Ibadan. TVU 5874. Collected November 25, 1973. Farm near Koko, between Jega and Bin Yauri. Cultivated. Seed.
448973. KR 636a. IITA, Ibadan. TVU 5877. Collected November 25, 1973. Farm near Koko, between Jega and Bin Yauri. Cultivated. Seed.
448974. KR 636B. IITA, Ibadan. TVU 5878. Collected November 25, 1973. Farm near Koko, between Jega and Bin Yauri. Cultivated. Seed.
448975. KR 636b. IITA, Ibadan. TVU 5881. Collected November 25, 1973. Farm near Koko, between Jega and Bin Yauri. Cultivated. Seed.

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448976. KR 637A. IITA, Ibadan. TVU 5883. Collected November 25, 1973. Farm, 5km south of Koko to Bin Yauri. Cultivated. Seed.
448977. KR 638. IITA, Ibadan. TVU 5885. Collected November 25, 1973. Farm, 120km south of Jega to Bin Yauri. Cultivated. Seed.
448978. KR 638A. IITA, Ibadan. TVU 5886. Collected November 25, 1973. Farm, 120km south of Jega to Bin Yauri. Cultivated. Seed.
448979. KR 638B. IITA, Ibadan. TVU 5888. Collected November 25, 1973. Farm, 120km south of Jega to Bin Yauri. Cultivated. Seed.
448980. KR 638C. IITA, Ibadan. TVU 5891. Collected November 25, 1973. Farm, 120km south of Jega to Bin Yauri. Cultivated. Seed.
448981. KR 639A. IITA, Ibadan. TVU 5897. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448982. KR 639B. IITA, Ibadan. TVU 5901. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448983. KR 639C. IITA, Ibadan. TVU 5908. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448984. KR 639D. IITA, Ibadan. TVU 5909. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448985. KR 639E. IITA, Ibadan. TVU 5910. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448986. KR 639F. IITA, Ibadan. TVU 5911. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448987. KR 639G. IITA, Ibadan. TVU 5912. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448988. KR 639H. IITA, Ibadan. TVU 5914. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.

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448989. KR 639I. IITA, Ibadan. TVU 5919. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448990. KR 639. IITA, Ibadan. TVU 5921. Collected November 25, 1973. Farm, 138km south of Jega to Bin Yauri. Cultivated. Seed.
448991. KR 640A. IITA, Ibadan. TVU 5928. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448992. KR 640B. IITA, Ibadan. TVU 5930. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448993. KR 640C. IITA, Ibadan. TVU 5931. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448994. KR 640D. IITA, Ibadan. TVU 5933. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448995. KR 640E. IITA, Ibadan. TVU 5934. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448996. KR 640. IITA, Ibadan. TVU 5935. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448997. KR 640F. IITA, Ibadan. TVU 5936. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448998. KR 640G. IITA, Ibadan. TVU 5940. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
448999. KR 640H. IITA, Ibadan. TVU 5941. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449000. KR 640I. IITA, Ibadan. TVU 5942. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449001. KR 640J. IITA, Ibadan. TVU 5943. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.

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449002. KR 640K. IITA, Ibadan. TVU 5944. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449003. KR 640L. IITA, Ibadan. TVU 5946. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449004. KR 640M. IITA, Ibadan. TVU 5947. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449005. KR 640N. IITA, Ibadan. TVU 5948. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449006. KR 640O. IITA, Ibadan. TVU 5949. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449007. KR 640P. IITA, Ibadan. TVU 5950. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449008. KR 640Q. IITA, Ibadan. TVU 5953. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449009. KR 640R. IITA, Ibadan. TVU 5954. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449010. KR 640S. IITA, Ibadan. TVU 5955. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449011. KR 640T. IITA, Ibadan. TVU 5960. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449012. KR 640U. IITA, Ibadan. TVU 5964. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449013. KR 640V. IITA, Ibadan. TVU 5965. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.
449014. KR 640a. IITA, Ibadan. TVU 5966. Collected November 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. Cultivated. Seed.

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449015. KR 641A. IITA, Ibadan. TVU 5972. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449016. KR 641B. IITA, Ibadan. TVU 5973. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449017. KR 641C. IITA, Ibadan. TVU 5974. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449018. KR 641D. IITA, Ibadan. TVU 5976. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449019. KR 641E. IITA, Ibadan. TVU 5978. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449020. KR 641F. IITA, Ibadan. TVU 5979. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449021. KR 641G. IITA, Ibadan. TVU 5980. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449022. KR 641. IITA, Ibadan. TVU 5982. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449023. KR 642a. IITA, Ibadan. TVU 5984. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449024. KR 642A. IITA, Ibadan. TVU 5988. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449025. KR 642B. IITA, Ibadan. TVU 5989. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449026. KR 642C. IITA, Ibadan. TVU 5993. Collected November 25, 1973. Farm, Kambon Jibrin, 73km north of Kontagora to Bin Yauri. Cultivated. Seed.
449027. KR 643A. IITA, Ibadan. TVU 6000. Collected November 25, 1973. Farm, 53km north of Kontagora to Bin Yauri. Cultivated. Seed.

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449028. KR 643B. IITA, Ibadan. TVU 6005. Collected November 25, 1973. Farm, 53km north of Kontagora to Bin Yauri. Cultivated. Seed.
449029. KR 643C. IITA, Ibadan. TVU 6013. Collected November 25, 1973. Farm, 53km north of Kontagora to Bin Yauri. Cultivated. Seed.
449030. KR 643D. IITA, Ibadan. TVU 6022. Collected November 25, 1973. Farm, 53km north of Kontagora to Bin Yauri. Cultivated. Seed.
449031. KR 643E. IITA, Ibadan. TVU 6023. Collected November 25, 1973. Farm, 53km north of Kontagora to Bin Yauri. Cultivated. Seed.
449032. KR 644A. IITA, Ibadan. TVU 6024. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449033. KR 644B. IITA, Ibadan. TVU 6030. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449034. KR 644C. IITA, Ibadan. TVU 6033. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449035. KR 644D. IITA, Ibadan. TVU 6036. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449036. KR 644E. IITA, Ibadan. TVU 6038. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449037. KR 644F. IITA, Ibadan. TVU 6039. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449038. KR 644G. IITA, Ibadan. TVU 6043. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449039. KR 644H. IITA, Ibadan. TVU 6054. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449040. KR 644I. IITA, Ibadan. TVU 6055. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.

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449041. KR 644J. IITA, Ibadan. TVU 6056. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449042. KR 644L. IITA, Ibadan. TVU 6062. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449043. KR 644M. IITA, Ibadan. TVU 6064. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449044. KR 644N. IITA, Ibadan. TVU 6065. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449045. KR 644O. IITA, Ibadan. TVU 6070. Collected November 25, 1973. Farm, 40km north of Kontagora to Bin Yauri. Cultivated. Seed.
449046. KR 645A. IITA, Ibadan. TVU 6074. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449047. KR 645B. IITA, Ibadan. TVU 6075. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449048. KR 645C. IITA, Ibadan. TVU 6078. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449049. KR 645D. IITA, Ibadan. TVU 6080. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449050. KR 645E. IITA, Ibadan. TVU 6082. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449051. KR 645F. IITA, Ibadan. TVU 6089. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449052. KR 645G. IITA, Ibadan. TVU 6090. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449053. KR 645H. IITA, Ibadan. TVU 6091. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449054. KR 645I. IITA, Ibadan. TVU 6097. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449055. KR 645J. IITA, Ibadan. TVU 6100. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449056. KR 645K. IITA, Ibadan. TVU 6101. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.

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449057. KR 645L. IITA, Ibadan. TVU 6103. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449058. KR 645M. IITA, Ibadan. TVU 6105. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449059. KR 645N. IITA, Ibadan. TVU 6107. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449060. KR 645O. IITA, Ibadan. TVU 6109. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449061. KR 645P. IITA, Ibadan. TVU 6110. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449062. KR 645Q. IITA, Ibadan. TVU 6114. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449063. KR 645R. IITA, Ibadan. TVU 6115. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449064. KR 645S. IITA, Ibadan. TVU 6116. Collected November 26, 1973. Farm, near Kontagora. Cultivated. Seed.
449065. KR 646A. IITA, Ibadan. TVU 6117. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449066. KR 646B. IITA, Ibadan. TVU 6118. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449067. KR 646C. IITA, Ibadan. TVU 6119. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449068. KR 646D. IITA, Ibadan. TVU 6120. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449069. KR 646E. IITA, Ibadan. TVU 6121. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449070. KR 646F. IITA, Ibadan. TVU 6124. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449071. KR 646G. IITA, Ibadan. TVU 6127. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.

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449072. KR 646H. IITA, Ibadan. TVU 6128. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449073. KR 646. IITA, Ibadan. TVU 6131. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449074. KR 646a. IITA, Ibadan. TVU 6132. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449075. KR 646I. IITA, Ibadan. TVU 6133. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449076. KR 646J. IITA, Ibadan. TVU 6134. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449077. KR 646K. IITA, Ibadan. TVU 6135. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449078. KR 646b. IITA, Ibadan. TVU 6136. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449079. KR 646L. IITA, Ibadan. TVU 6137. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449080. KR 646M. IITA, Ibadan. TVU 6138. Collected November 26, 1973. Farm, 19km south of Kontagora to Mokwa. 80m. Cultivated. Seed.
449081. KR 647A. IITA, Ibadan. TVU 6141. Collected November 26, 1973. Farm, Sahorabi, 64km south of Kontagora to Mokwa. Cultivated. Seed.
449082. KR 647B. IITA, Ibadan. TVU 6142. Collected November 26, 1973. Farm, Sahorabi, 64km south of Kontagora to Mokwa. Cultivated. Seed.
449083. KR 648A. IITA, Ibadan. TVU 6143. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449084. KR 648B. IITA, Ibadan. TVU 6146. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.

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449085. KR 648C. IITA, Ibadan. TVU 6147. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449086. KR 648D. IITA, Ibadan. TVU 6150. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449087. KR 648E. IITA, Ibadan. TVU 6151. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449088. KR 648F. IITA, Ibadan. TVU 6153. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449089. KR 648G. IITA, Ibadan. TVU 6162. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449090. KR 648H. IITA, Ibadan. TVU 6165. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449091. KR 648I. IITA, Ibadan. TVU 6167. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449092. KR 648J. IITA, Ibadan. TVU 6168. Collected November 26, 1973. Farm, 72km south of Kontagora to Mokwa. Cultivated. Seed.
449093. KR 649A. IITA, Ibadan. TVU 6172. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449094. KR 649B. IITA, Ibadan. TVU 6173. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449095. KR 649C. IITA, Ibadan. TVU 6176. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449096. KR 649D. IITA, Ibadan. TVU 6177. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449097. KR 649E. IITA, Ibadan. TVU 6179. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.

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449098. KR 649. IITA, Ibadan. TVU 6184. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449099. KR 649a. IITA, Ibadan. TVU 6186. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449100. KR 649f. IITA, Ibadan. TVU 6189. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449101. KR 649g. IITA, Ibadan. TVU 6194. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449102. KR 649h. IITA, Ibadan. TVU 6196. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449103. KR 649b. IITA, Ibadan. TVU 6198. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449104. KR 649c. IITA, Ibadan. TVU 6199. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449105. KR 649d. IITA, Ibadan. TVU 6200. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449106. KR 649e. IITA, Ibadan. TVU 6201. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449107. KR 649f. IITA, Ibadan. TVU 6203. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449108. KR 649g. IITA, Ibadan. TVU 6204. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449109. KR 649h. IITA, Ibadan. TVU 6205. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449110. KR 649i. IITA, Ibadan. TVU 6206. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.

447430 TO 449274-continued

449111. KR 649j. IITA, Ibadan. TVU 6207. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449112. KR 649k. IITA, Ibadan. TVU 6208. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449113. KR 649l. IITA, Ibadan. TVU 6209. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449114. KR 649m. IITA, Ibadan. TVU 6210. Collected November 26, 1973. Farm, 120km south of Kontagora to Mokwa. Cultivated. Seed.
449115. KR 570A1. IITA, Ibadan. TVU 6212. Collected November 15, 1973. Farm, 11km south of Ogbomosh. Cultivated. Seed.
449116. KR 571e. IITA, Ibadan. TVU 6216. Collected November 15, 1973. Farm, near Ogbomosh. Cultivated. Seed.
449117. KR 585a. IITA, Ibadan. TVU 6227. Collected November 16, 1973. Farm, 6km east of Mokwa-Eida junction. Cultivated. Seed.
449118. KR 590d. Niger. IITA, Ibadan. TVU 6230. Collected November 20, 1973. Farm, 170km east of Maradi to Zinder. Cultivated. Seed.
449119. KR 591h. Niger. IITA, Ibadan. TVU 6231. Collected November 20, 1973. Farm, 160km east of Maradi to Zinder. Cultivated. Seed.
449120. KR 594A1. Niger. IITA, Ibadan. TVU 6235. Collected November 20, 1973. Farm, 10km from Gazona to Maradi. Cultivated. Seed.
449121. KR 594j. Niger. IITA, Ibadan. TVU 6236. Collected November 20, 1973. Farm, 10km from Gazona to Maradi. Cultivated. Seed.
449122. KR 594B. Niger. IITA, Ibadan. TVU 6237. Collected November 20, 1973. Farm, 10km from Gazona to Maradi. Cultivated. Seed.
449123. KR 594k. Niger. IITA, Ibadan. TVU 6238. Collected November 20, 1973. Farm, 10km from Gazona to Maradi. Cultivated. Seed.
449124. KR 602e. Niger. IITA, Ibadan. TVU 6245. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi.

447430 TO 449274-continued
Cultivated. Seed.

449125. KR 610A1. Niger. IITA, Ibadan. TVU 6254. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
449126. KR 610B1. Niger. IITA, Ibadan. TVU 6255. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
449127. KR 613j. Niger. IITA, Ibadan. TVU 6258. Collected November 22, 1973. Farm, 22km east of Dosso to Dogondoutchi. Cultivated. Seed.
449128. KR 619i. Niger. IITA, Ibadan. TVU 6262. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
449129. KR 619j. Niger. IITA, Ibadan. TVU 6264. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
449130. KR 619k. Niger. IITA, Ibadan. TVU 6265. Collected November 20, 1973. Farm, 15km east of Niamey to Tabla. Cultivated. Seed.
449131. KR 621k. Niger. IITA, Ibadan. TVU 6266. Farm, Taubi, 25km north of Niamey to Tillabery. Cultivated. Seed.
449132. KR 630A. IITA, Ibadan. TVU 6285. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
449133. KR 630B. Niger. IITA, Ibadan. TVU 6286. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
449134. KR 635a. IITA, Ibadan. TVU 6292. Farm, 72km south of Jega to Bin Yauri. Cultivated. Seed.
449135. KR 779. Tanzania. Ilonga Institute. M-243. IITA, Ibadan. TVU 6902. Bushishi. Cultivated. Seed.
449136. KR 774. Kenya. IITA, Ibadan. TVU 6903. Ilonga Institute, Tanzania. M-128. Kivungu. Cultivated. Seed.
449137. KR 777. Kenya. IITA, Ibadan. TVU 6904. Ilonga Institute, Tanzania. M-139. Cultivated. Seed.
449138. KR 780. Kenya. IITA, Ibadan. TVU 6905. Ilonga Institute, Tanzania. M-291. Cultivated. Seed.
449139. KR 736. Tanzania. Ilonga Institute. CP-2. IITA, Ibadan. TVU 6906. Cultivated. Seed.

447430 TO 449274-continued

449140. KR 740. Tanzania. Ilonga Institute. CP-7. IITA, Ibadan. TVU 6907. Cultivated. Seed.
449141. KR 743. Tanzania. Ilonga Institute. CP-12. IITA, Ibadan. TVU 6908. Cultivated. Seed.
449142. KR 745. Tanzania. Ilonga Institute. CP-19. IITA, Ibadan. TVU 6909. Cultivated. Seed.
449143. KR 487A2. IITA, Ibadan. TVU 6931. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. Cultivated. Seed.
449144. KR 487B2. IITA, Ibadan. TVU 6932. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. Cultivated. Seed.
449145. KR 487C1. IITA, Ibadan. TVU 6933. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. Cultivated. Seed.
449146. KR 487D1. IITA, Ibadan. TVU 6934. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. Cultivated. Seed.
449147. KR 487E1. IITA, Ibadan. TVU 6935. Collected October 08, 1973. Farm, 11km north of Daura to Kongolan. Cultivated. Seed.
449148. KR 491A1. Niger. IITA, Ibadan. TVU 6936. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
449149. KR 491B1. Niger. IITA, Ibadan. TVU 6937. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
449150. KR 491C1. Niger. IITA, Ibadan. TVU 6938. Collected October 08, 1973. Farm, Matameye, 85km southwest of Zinder to Daura. Cultivated. Seed.
449151. KR 493. Niger. IITA, Ibadan. TVU 6939. Collected October 08, 1973. Farm, 40km west of Zinder to Maradi. 100m. Cultivated. Seed.
449152. KR 495A1. Niger. IITA, Ibadan. TVU 6940. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.
449153. KR 495B1. Niger. IITA, Ibadan. TVU 6941. Collected October 08, 1973. Farm, 13km west of Zinder to Maradi. 100m. Cultivated. Seed.

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449154. KR 496A1. Niger. IITA, Ibadan. TVU 6942. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
449155. KR 496B1. Niger. IITA, Ibadan. TVU 6943. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
449156. KR 496C1. Niger. IITA, Ibadan. TVU 6944. Collected October 09, 1973. Farm, 5km east of Zinder to Goure. Cultivated. Seed.
449157. KR 497b. Niger. IITA, Ibadan. TVU 6945. Collected October 09, 1973. Farm, 18km east of Zinder to Goure. 120m. Cultivated. Seed.
449158. KR 500A1. Niger. IITA, Ibadan. TVU 6946. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
449159. KR 500B1. Niger. IITA, Ibadan. TVU 6947. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
449160. KR 500C1. Niger. IITA, Ibadan. TVU 6948. Collected October 09, 1973. Farm, 31km east of Zinder to Goure. Cultivated. Seed.
449161. KR 501c. Niger. IITA, Ibadan. TVU 6949. Collected October 09, 1973. Farm, 36km east of Zinder to Goure. Cultivated. Seed.
449162. KR 504A1. Niger. IITA, Ibadan. TVU 6950. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
449163. KR 504B1. Niger. IITA, Ibadan. TVU 6951. Collected October 09, 1973. Farm, 48km east of Zinder to Goure. Cultivated. Seed.
449164. KR 507f. Niger. IITA, Ibadan. TVU 6952. Collected October 09, 1973. Farm, 64km east of Zinder to Goure. 100m. Cultivated. Seed.
449165. KR 508A1. Niger. IITA, Ibadan. TVU 6953. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
449166. KR 508B1. Niger. IITA, Ibadan. TVU 6954. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.

447430 TO 449274-continued

449167. KR 508C1. Niger. IITA, Ibadan. TVU 6955. Collected October 09, 1973. Farm, 70km east of Zinder to Goure. Cultivated. Seed.
449168. KR 512a. Niger. IITA, Ibadan. TVU 6956. Collected October 09, 1973. Farm, Guidiguir, 65km west of Goure to Zinder. Cultivated. Seed.
449169. KR 514A1. Niger. IITA, Ibadan. TVU 6957. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
449170. KR 514B1. Niger. IITA, Ibadan. TVU 6958. Collected October 09, 1973. Farm, Goure, 176km east of Zinder. Cultivated. Seed.
449171. KR 517e. Niger. IITA, Ibadan. TVU 6959. Collected October 10, 1973. Farm, 20km south of Zinder to Magaria. Cultivated. Seed.
449172. KR 518A1. Niger. IITA, Ibadan. TVU 6960. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
449173. KR 518B1. Niger. IITA, Ibadan. TVU 6961. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder to Magaria. Cultivated. Seed.
449174. KR 518C1. Niger. IITA, Ibadan. TVU 6962. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder ot Magaria. Cultivated. Seed.
449175. KR 518D1. Niger. IITA, Ibadan. TVU 6963. Collected October 10, 1973. Farm, Dogo, 32km south of Zinder ot Magaria. Cultivated. Seed.
449176. KR 521a. Niger. IITA, Ibadan. TVU 6964. Collected October 10, 1973. Farm, 50km south of Zinder to Magaria. Cultivated. Seed.
449177. KR 522A1. Niger. IITA, Ibadan. TVU 6965. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
449178. KR 522B1. Niger. IITA, Ibadan. TVU 6966. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
449179. KR 522C1. Niger. IITA, Ibadan. TVU 6967. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.

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449180. KR 522D1. Niger. IITA, Ibadan. TVU 6968. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
449181. KR 522E1. Niger. IITA, Ibadan. TVU 6969. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
449182. KR 522F1. Niger. IITA, Ibadan. TVU 6970. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
449183. KR 522G1. Niger. IITA, Ibadan. TVU 6971. Collected October 10, 1973. Farm, 64km south of Zinder to Magaria. Cultivated. Seed.
449184. KR 524A1. Niger. IITA, Ibadan. TVU 6972. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
449185. KR 524B1. Niger. IITA, Ibadan. TVU 6973. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
449186. KR 524C1. Niger. IITA, Ibadan. TVU 6974. Collected October 10, 1973. Farm, 81km south of Zinder to Magaria. Cultivated. Seed.
449187. KR 525A1. Niger. IITA, Ibadan. TVU 6975. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
449188. KR 525B1. Niger. IITA, Ibadan. TVU 6976. Collected October 11, 1973. Farm, 8km north of Zinder to Tanout. Cultivated. Seed.
449189. KR 531g. Niger. IITA, Ibadan. TVU 6977. Collected October 11, 1973. Farm, 3km north of Tanout to Agadez. Cultivated. Seed.
449190. KR 532b. Niger. IITA, Ibadan. TVU 6978. Collected October 14, 1973. Farm, Agadez, 560km north of Zinder. Cultivated. Seed.
449191. KR 534A1. Niger. IITA, Ibadan. TVU 6979. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.
449192. KR 534B1. Niger. IITA, Ibadan. TVU 6980. Collected October 15, 1973. Farm, near Zinder, on way to Maradi. Cultivated. Seed.

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449193. KR 535A1. Niger. IITA, Ibadan. TVU 6981. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
449194. KR 535B1. Niger. IITA, Ibadan. TVU 6982. Collected October 15, 1973. Farm, 40km west of Zinder to Maradi. Cultivated. Seed.
449195. KR 536b. Niger. IITA, Ibadan. TVU 6983. Collected October 15, 1973. Farm, 48km west of Zinder to Maradi. Cultivated. Seed.
449196. KR 537A1. Niger. IITA, Ibadan. TVU 6984. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
449197. KR 537B1. Niger. IITA, Ibadan. TVU 6985. Collected October 15, 1973. Farm, 53km west of Zinder to Maradi. Cultivated. Seed.
449198. KR 539j. Niger. IITA, Ibadan. TVU 6986. Collected October 15, 1973. Farm, Takieta, 80km west of Zinder to Maradi. Cultivated. Seed.
449199. KR 541c. Niger. IITA, Ibadan. TVU 6987. Collected October 15, 1973. Farm, Kogome, 90km west of Zinder to Maradi. Cultivated. Seed.
449200. KR 544d. Niger. IITA, Ibadan. TVU 6988. Collected October 15, 1973. Farm, 13km west of Tessoua to Maradi. 115m. Cultivated. Seed.
449201. KR 551f. Niger. IITA, Ibadan. TVU 6989. Collected October 15, 1973. Farm, 32km east of Maradi to Zinder. Cultivated. Seed.
449202. KR 556k. Niger. IITA, Ibadan. TVU 6990. Collected October 16, 1973. Farm, 48km north of Maradi to Dakoro. 80m. Cultivated. Seed.
449203. KR 558A. Niger. IITA, Ibadan. TVU 6991. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
449204. KR 558B. Niger. IITA, Ibadan. TVU 6992. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.
449205. KR 558C. Niger. IITA, Ibadan. TVU 6993. Collected October 16, 1973. Farm, 98km north of Maradi to Dakoro. Cultivated. Seed.

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449206. KR 560a. Niger. IITA, Ibadan. TVU 6994. Collected October 16, 1973. Farm, 44km north of Maradi to Dakoro. Cultivated. Seed.
449207. KR 563. Niger. IITA, Ibadan. TVU 6995. Collected October 16, 1973. Market, Dakoro. Cultivated. Seed.
449208. KR 579b. IITA, Ibadan. TVU 6996. Collected November 15, 1973. Farm, 70km north of Ilorin to Jebba. Cultivated. Seed.
449209. KR 580d. IITA, Ibadan. TVU 6997. Collected November 15, 1973. Farm, 83km north of Ilorin to Jebba. Cultivated. Seed.
449210. KR 590A1. Niger. IITA, Ibadan. TVU 6998. Collected November 20, 1973. Farm, 170km east of Maradi to Zinder. Cultivated. Seed.
449211. KR 590B1. Niger. IITA, Ibadan. TVU 6999. Collected November 20, 1973. Farm, 170km east of Maradi to Zinder. Cultivated. Seed.
449212. KR 591i. Niger. IITA, Ibadan. TVU 7000. Collected November 20, 1973. Market, 160km east of Maradi to Zinder. Cultivated. Seed.
449213. KR 592e. Niger. IITA, Ibadan. TVU 7001. Collected November 20, 1973. Farm, 150km east of Maradi to Zinder. Cultivated. Seed.
449214. KR 593A1. Niger. IITA, Ibadan. TVU 7002. Collected November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
449215. KR 593B1. Niger. IITA, Ibadan. TVU 7003. Collected November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
449216. KR 593C2. Niger. IITA, Ibadan. TVU 7004. Collected November 20, 1973. Farm, near Tessoua. Cultivated. Seed.
449217. KR 595i. Niger. IITA, Ibadan. TVU 7005. Collected November 20, 1973. Farm, 5km west of Tchadoua to Maradi. Cultivated. Seed.
449218. KR 602f. Niger. IITA, Ibadan. TVU 7006. Collected November 21, 1973. Farm, 90km east of Madaoua to Maradi. Cultivated. Seed.
449219. KR 605i. Niger. IITA, Ibadan. TVU 7007. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.

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449220. KR 604b. Niger. IITA, Ibadan. TVU 7008. Collected November 21, 1973. Farm, 47km east of Madaoua to Maradi. Cultivated. Seed.
449221. KR 605A1. Niger. IITA, Ibadan. TVU 7009. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
449222. KR 605B1. Niger. IITA, Ibadan. TVU 7010. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
449223. KR 605C1. Niger. IITA, Ibadan. TVU 7011. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
449224. KR 607h. Niger. IITA, Ibadan. TVU 7012. Collected November 21, 1973. Market, 25km west of Madaoua to Birnin-Konni. Cultivated. Seed.
449225. KR 610i. Niger. IITA, Ibadan. TVU 7013. Collected November 22, 1973. Farm, 40km east of Dosso to Dogondoutchi. Cultivated. Seed.
449226. KR 611i. Niger. IITA, Ibadan. TVU 7014. Collected November 22, 1973. Farm, 60km east of Dosso to Dogondoutchi. Cultivated. Seed.
449227. KR 614v. Niger. IITA, Ibadan. TVU 7015. Collected November 22, 1973. Farm, 10km east of Dosso to Dogondoutchi. Cultivated. Seed.
449228. KR 615e. Niger. IITA, Ibadan. TVU 7016. Collected November 22, 1973. Market, Birnin-Ngaoure, 33km west of Dosso to Niamey. Cultivated. Seed.
449229. KR 617e. Niger. IITA, Ibadan. TVU 7017. Collected November 22, 1973. Farm, 21km east of Niamey to Tabla. 60m. Cultivated. Seed.
449230. KR 624A1. Niger. IITA, Ibadan. TVU 7018. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
449231. KR 624B1. Niger. IITA, Ibadan. TVU 7019. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
449232. KR 624C1. Niger. IITA, Ibadan. TVU 7020. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.

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449233. KR 624D1. Niger. IITA, Ibadan. TVU 7021. Collected November 24, 1973. Farm, 21km south of Dosso to Gaya. Cultivated. Seed.
449234. KR 627A1. IITA, Ibadan. TVU 7022. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
449235. KR 627B1. IITA, Ibadan. TVU 7023. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
449236. KR 627C1. IITA, Ibadan. TVU 7024. Collected November 24, 1973. Farm, 5km northeast of Kamba. 40m. Cultivated. Seed.
449237. KR 630b. IITA, Ibadan. TVU 7025. Collected November 24, 1973. Farm, 10km northeast of Kamba. Cultivated. Seed.
449238. KR 631c. IITA, Ibadan. TVU 7026. Collected November 25, 1973. Farm, 5km south of Jega to Bin Yauri. Cultivated. Seed.
449239. KR 634A1. IITA, Ibadan. TVU 7027. Collected November 25, 1973. Farm, 55km south of Jega to Bin Yauri. Cultivated. Seed.
449240. KR 634B1. IITA, Ibadan. TVU 7028. Collected November 25, 1973. Farm, 55km south of Jega to Bin Yauri. Cultivated. Seed.
449241. KR 635A1. IITA, Ibadan. TVU 7029. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
449242. KR 635B1. IITA, Ibadan. TVU 7030. Collected November 25, 1973. Farm, 58km south of Jega to Bin Yauri. Cultivated. Seed.
449243. KR 636c. IITA, Ibadan. TVU 7031. Collected October 25, 1973. Farm, near Koko, between Jega and Bin Yauri. 45m. Cultivated. Seed.
449244. KR 637. IITA, Ibadan. TVU 7032. Collected October 25, 1973. Farm, 5km south of Koko to Bin Yauri. Cultivated. Seed.
449245. KR 638a. IITA, Ibadan. TVU 7033. Collected October 25, 1973. Farm, 120km south of Jega to Bin Yauri. Cultivated. Seed.
449246. KR 640b. IITA, Ibadan. TVU 7034. Collected October 25, 1973. Farm, near Yelwa, 16km north of Bin Yauri to Jega. 30m. Cultivated. Seed.

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449247. KR 771. Tanzania. IITA, Ibadan. TVU 7035. Collected March 16, 1974. Roadside, 40km west of Mlingano to Dar es Saalam. 30m. Wild. Seed.
449248. KR 776. Tanzania. IITA, Ibadan. TVU 7036. Collected March 16, 1974. Roadside, Mlingano. Wild. Seed.
449249. KR 778. Tanzania. IITA, Ibadan. TVU 7037. Collected March 16, 1974. Roadside, Mlingano. Wild. Seed.
449250. KR 781. Tanzania. IITA, Ibadan. TVU 7038. Collected March 18, 1974. Savannah. Ilonga, near the ditch. Wild. Seed.
449251. KR 783. Tanzania. IITA, Ibadan. TVU 7039. Collected March 18, 1974. Savannah. Ilonga, near the ditch. Wild. Seed.
449252. KR 784. Tanzania. IITA, Ibadan. TVU 7040. Collected March 19, 1974. Roadside, Morogoro, campus. Wild. Seed.
449253. KR 785. Tanzania. IITA, Ibadan. TVU 7041. Collected March 19, 1974. Roadside, Morogoro, campus. Wild. Seed.
449254. KR 786. Tanzania. IITA, Ibadan. TVU 7042. Collected March 19, 1974. Roadside, Morogoro, campus. Wild. Seed.
449255. KR 787. Tanzania. IITA, Ibadan. TVU 7043. Collected March 19, 1974. Roadside, Morogoro, campus. Wild. Seed.
449256. KR 788. Tanzania. IITA, Ibadan. TVU 7044. Collected March 19, 1974. Roadside, Morogoro, campus. Wild. Seed.
449257. KR 789. Tanzania. IITA, Ibadan. TVU 7045. Collected March 19, 1974. Roadside, Morogoro, campus. Wild. Seed.
449258. KR 808. Tanzania. IITA, Ibadan. TVU 7046. Collected March 23, 1974. Roadside, Ilonga, near the station. Wild. Seed.
449259. KR 809. Tanzania. IITA, Ibadan. TVU 7047. Collected March 23, 1974. Roadside, Ilonga, near the station. Large seeds. Wild. Seed.
449260. KR 810. Tanzania. IITA, Ibadan. TVU 7048. Collected March 23, 1974. Roadside, Ilonga, near the station. Wild. Seed.
449261. KR 911. IITA, Ibadan. TVU 7049. UI-18. Wild. Seed.
449262. KR 915. IITA, Ibadan. TVU 7050. UI-26. Wild. Seed.

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- 449263. KR 921. IITA, Ibadan. TVU 7051. UI-32. Wild. Seed.
- 449264. KR 924. IITA, Ibadan. TVU 7052. UI-35. Wild. Seed.
- 449265. KR 926. IITA, Ibadan. TVU 7053. UI-37. Wild. Seed.
- 449266. KR 927. IITA, Ibadan. TVU 7054. UI-38. Wild. Seed.
- 449267. KR 927a. IITA, Ibadan. TVU 7078. UI-38. Wild. Seed.
- 449268. KR 927b. IITA, Ibadan. TVU 7079. UI-38. Wild. Seed.
- 449269. KR 927c. IITA, Ibadan. TVU 7080. UI-38. Wild. Seed.
- 449270. KR 927d. IITA, Ibadan. TVU 7081. UI-38. Wild. Seed.
- 449271. KR 927e. IITA, Ibadan. TVU 7082. UI-38. Wild. Seed.
- 449272. KR 927f. IITA, Ibadan. TVU 7083. UI-38. Wild. Seed.
- 449273. KR 927g. IITA, Ibadan. TVU 7084. UI-38. Wild. Seed.
- 449274. KR 927h. IITA, Ibadan. TVU 7085. UI-38. Wild. Seed.

449275 TO 449281. *Hordeum vulgare* L. (Poaceae) Barley.

From Spain. Donated by AGRAR S.A., Monasterio de Cogullada, Zaragoza 14. Received through D.J. Sammons, Dept. of Agronomy, Univ. of Maryland, College Park, Maryland.
Received October 1980.

- 449275. Aurora-2. Cultivated. Seed.
- 449276. Aurora-3. Cultivated. Seed.
- 449277. Aurora-4. Cultivated. Seed.
- 449278. Begona. Cultivated. Seed.
- 449279. 3997. Cultivated. Seed.
- 449280. 6579. Cultivated. Seed.
- 449281. 6689. Cultivated. Seed.

449282 TO 449283. *Triticum aestivum* L. (Poaceae) Common wheat.

From Spain. Donated by AGRAR S.A., Monasterio de Cogullada, Zaragoza 14. Received through D.J. Sammons, Dept. of Agronomy, Univ. of Maryland, College Park, Maryland.

449282 TO 449283--continued
Received October 1980.

449282. Golo. Cultivated. Seed.

449283. Silver. Cultivated. Seed.

449284 TO 449287. *Pyrus communis* L. (Rosaceae) Pear.

From Hungary. Donated by Nyeki Jozsef, Department of Fruit
Growing, University of Horticulture, Budapest.
Received October 1980.

449284. Arabitka. Tree. Cultivated. Budwood.

449285. Buzas Korte. Tree. Cultivated. Budwood.

449286. Nagy Szegfukorte. Tree. Cultivated. Budwood.

449287. Verbelu. Tree. Cultivated. Budwood.

449288. *Pyrus communis* L. (Rosaceae) Pear.

From Netherlands. Donated by Fruit and Vegetable Crops,
Plantenziektenkundige Dienst, Wageningen.
Received October 1980.

Cure. Tree. Cultivated. Scionwood.

449289. *Pyrus communis* L. (Rosaceae) Pear.

From Israel. Donated by A. Stein, Kibbutz Ein-shemer, D. N.
Menashe 37 - 845.
Received October 1980.

Geva 505/3/A. Tree. Cultivated. Budwood.

449290. *Hordeum vulgare* L. (Poaceae) Barley.

From Germany, Federal Rep of. Donated by E. Rehse, F. Von Lochow-
Petkus GMBH, 3410 Northeim 13.
Received October 1980.

'Hasso'. Winter annual. Cultivated. Seed.

449291. *Triticum aestivum* L. (Poaceae) Common wheat.

From Germany, Federal Rep of. Donated by E. Rehse, F. Von Lochow-
Petkus GMBH, 3410 Northeim 13.

449291-continued

Received October 1980.

'Ralle'. (Svenno x Parlo) x 2149.60. Annual, Cultivated.
Seed.

449292. *Zea mays* L. (Poaceae) Sweet corn.

From United States. Donated by B. Godfroy, Roscommon, Michigan.
Received September 1980.

Cold tolerant. Local type, grown for many years.
Cultivated. Seed.

449293 TO 449299. *Triticum aestivum* L. (Poaceae) Common wheat.

From Spain. Donated by AGRAR S. A., Monasterio de Cogullada,
Zaragoza 14. Received through D. J. Sammons, Dept. of Agronomy,
Univ. of Maryland, College Park, MD.
Received October 1980.

449293. 7008. Cultivated. Seed.

449294. 7040. Cultivated. Seed.

449295. 195 - 2. Cultivated. Seed.

449296. MT - 7. Cultivated. Seed.

449297. 201 R. Cultivated. Seed.

449298. 7020. Cultivated. Seed.

449299. WRP 7863. Cultivated. Seed.

449300. *Festuca arundinacea* Schreb. (Poaceae) Tall fescue.

From Chile. Collected by W. R. Kehr and R. E. Avendano, USDA,
University of Nebraska, and Empresa Nacional de Semillas (ENDS),
Lincoln, Nebraska and Santiago.
Received April 1980.

AK 37. 'Manade'. France. Empresa Nacional de Semillas
(ENDS), Santiago. Synthetic selected from natural
population, SE France. Cultivated. Seed.

449301 TO 449302. *Lolium multiflorum* Lam. (Poaceae) Italian ryegrass.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA,
University of Nebraska, and Empresa Nacional de Semillas

449301 TO 449302-continued

(ENDS), Lincoln, Nebraska and Santiago.

Received April 1980.

449301. AK 27. 'Tetrone'. Netherlands. Empresa Nacional de Semillas (ENDS), Santiago. Seed imported from Italy. Tetraploid. Local name Ballica. Received as subsp. *italicum*. Cultivated. Seed.

449302. AK 33. 'Billion'. Netherlands. Empresa Nacional de Semillas (ENDS), Santiago. Seed imported from Oregon, USA. Tetraploid. Local name Ballica. Received as subsp. *westerwoldicum*. Cultivated. Seed.

449303. *Lolium perenne* L. (Poaceae) Perennial ryegrass.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago.
Received April 1980.

AK 39. 'Nui'. New Zealand. Empresa Nacional de Semillas (ENDS), Santiago. Local name Ballica. Cultivated. Seed.

449304 TO 449323. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago.
Received April 1980.

449304. AK 1. Collected April 09, 1980. Farm, Calama. Lat. 22 deg. 30' S, long. 68 deg. 53' W. 2000m. From irrigated, nine-year old stand. Local name Alta sierra. Cultivated. Seed.

449305. AK 2. Collected April 09, 1980. Farm, near city limit, Calama. Lat. 22 deg. 30' S, long. 68 deg. 53' W. 2000m. From irrigated, five-year old stand. Local name Alta sierra. Cultivated. Seed.

449306. AK 3a. Collected April 09, 1980. Farm, southwest of Calama. Lat. 22 deg. 30' S, long. 68 deg. 53' W. 2000m. Mixed with wheat. Four cuttings per year. Local name Alta sierra. Cultivated. Seed.

449307. AK 4. Collected April 10, 1980. Farm near Chiuchiu. Lat. 22 deg. 22' S, long. 68 deg. 42' W. 2500m. Type grown for many generations. Local name Alta sierra. Cultivated. Seed.

449308. AK 5. Collected April 10, 1980. Farm near Lasana. Lat.

449304 TO 449323-continued

- 22 deg. 18' S, long. 68 deg. 38' W. 2000m. From irrigated, two-year old stand, persistent for 10 years. Local name Alta sierra. Cultivated. Seed.
449309. AK 6. Collected April 10, 1980. Farm near Turi. Lat. 22 deg. 18' S, long. 68 deg. 18' W. 3000m. Salt flat area. Local name Alta sierra. Cultivated. Seed.
449310. AK 7. Collected April 10, 1980. Farm near Turi. Lat. 22 deg. 18' S, long. 68 deg. 18' W. 3000m. Severe aphid infestation. Local name Alta sierra. Cultivated. Seed.
449311. AK 8. Collected April 11, 1980. Hotel landscape, Iquique City. Lat. 20 deg. 10' S, long. 70 deg. 10' W. Sea level. Cultivated. Seed.
449312. AK 9. Collected April 12, 1980. Ramirez farm, Tarapaca Valley. Lat. 19 deg. 55' S, long. 69 deg. 35' W. 1000m. From two-year old stand. Nodules absent. Pollinated by native bee. Cultivated. Seed.
449313. AK 10. Collected April 12, 1980. Ramirez farm, Tarapaca Valley. Lat. 19 deg. 55' S, long. 69 deg. 35' W. 1000m. Nodules absent. From irrigated twenty-five-year old stand. Severe rust and red spider infestation. Cultivated. Seed.
449314. AK 11a. Collected April 12, 1980. Farm, Tarapaca Valley, Quilla Luasa. Lat 19 deg. 52' S, long. 69 deg. 33' W. 1000m. Mixed with wheat. Fifteen-year old stand. Cultivated. Seed.
449315. AK 12. Collected April 12, 1980. Farm near Tranque de Pachica. Lat. 19 deg. 50' S, long. 69 deg. 30' W. 1000m. Cultivated. Seed.
449316. AK 13. Collected April 13, 1980. Store, Putre. Lat. 18 deg. 20' S, long. 69 deg. 30' W. 3600m. Grown at Chapiquina. Cultivated. Seed.
449317. AK 14. Collected April 13, 1980. Farm, Ankachi, 7km NW of Putre. Lat. 18 deg. 10' S, long. 69 deg. 30' W. 3600m. Purchased in Putre. Cultivated. Seed.
449318. AK 15. Collected April 13, 1980. Boca negra farm, Poconchile, 50km east of Arica. 480m. Lat. 18 deg. 25' S, long. 70 deg. 4' W. Lluta Valley. Cultivated. Seed.
449319. AK 16. Collected April 14, 1980. Farm, Pampa Algodonal, 45km from Arica. Lat. 18 deg. 30' S, long. 70 deg. W. 500m. Azapa Valley. Severe red spider infestation. Cultivated. Seed.
449320. AK 17. Collected April 14, 1980. Market, Arica. From

449304 TO 449323-continued

high elevation area. Believed resistant to stem nematode and root-knot nematode. Local name Alta sierra. Cultivated. Seed.

449321. AK 18. Collected April 15, 1980. Farm, Quillagua. Lat. 21 deg. 36' S, long. 69 deg. 36' W. 800m. Locally grown for many years in a 14-year old stand. Cultivated. Seed.

449322. AK 19. Collected April 15, 1980. Farm, Quillagua. Lat. 21 deg. 36' S, long. 69 deg. 36' W. 800m. Locally grown for many years in a 14-year old stand. Persistent for 20 years. Cultivated. Seed.

449323. AK 23. 'Rayen'. Chile. Santiago. Empresa Nacional de Semillas (ENDS). Selected from USA cultivar 'Moapa'. Resistant to stem and root-knot nematodes. Cultivated. Seed.

449324. *Phalaris aquatica* L. (Poaceae) Bulbous canarygrass.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago. Received April 1980.

AK 35. Australia. Empresa Nacional de Semillas (ENDS), Santiago. Probably originated in Europe. Local name Palaris. Received as *P. tuberosa*. Cultivated. Seed.

449325. *Trifolium alexandrinum* L. (Fabaceae) Berseem clover.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago. Received April 1980.

AK 22. Chile. Santiago. Empresa Nacional de Semillas (ENDS). Originally from Mediterranean Region. Local name Trebol, Alejandrino. Cultivated. Seed.

449326. *Trifolium pratense* L. (Fabaceae) Red clover.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago. Received April 1980.

AK 21. Quinequeli. Chile. Santiago. Empresa Nacional de Semillas (ENDS). Phenotypic selection from Chilean ecotype. Wide adaptability. Local name Trebol rosado.

449326-continued

Cultivated. Seed.

449327. *Trifolium subterraneum* var. *brachycalycinum* Katzn. & Morley (Fabaceae).

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago.
Received April 1980.

AK 36. 'Clare'. Australia. Empresa Nacional de Semillas (ENDS), Santiago. Local name Trebol. Cultivated. Seed.

449328 TO 449329. *Triticum aestivum* L. (Poaceae) Common wheat.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago.
Received April 1980.

449328. AK 3b. Collected April 09, 1980. Farm, southwest of Calama. Lat. 22 deg. 30' S, long. 68 deg. 53' W. 2000m. Cultivated. Seed.

449329. AK 11b. Collected April 12, 1980. Farm, Tarapaca Valley, Quilla Luasa. Lat. 19 deg. 52' S, long. 69 deg. 33' W. 1000m. Cultivated. Seed.

449330. *Vicia benghalensis* L. (Fabaceae) Purple vetch.

From Chile. Collected by W.R. Kehr and R.E. Avendano, USDA, University of Nebraska, and Empresa Nacional de Semillas (ENDS), Lincoln, Nebraska and Santiago.
Received April 1980.

AK 29. Empresa Nacional de Semillas (ENDS), Santiago. Originally from Europe. Cultivated. Seed.

449331. *Capsicum annuum* L. (Solanaceae).

From India. Collected by D. R. Bienz, Department of Horticulture, Washington State University, Pullman, Washington.
Received February 1980.

D2. Collected 1976. Ludhiana, Punjab. Plant large. Fruits small, red, hot. Resistant to leaf curl virus. Local name Chile. Perennial herb. Cultivated. Seed.

449332. *Cucurbita* sp. (Cucurbitaceae).

From India. Collected by D. R. Bienz, Department of Horticulture, Washington State University, Pullman, Washington.
Received February 1980.

D1. Collected 1976. Ludhiana, Punjab. Local name Tinda.
Cultivated. Seed.

449333. *Lactuca sativa* L. (Asteraceae) Lettuce.

From Turkey. Collected by D. R. Bienz, Department of Horticulture, Washington State University, Pullman, Washington.
Received February 1980.

D3. Turkey. Bornora, Izmir. Vegetable Crops Department, Ege University. Collected 1976. Plants cos type, very sweet and tender. Local name Yedi Kuli. Cultivated. Seed.

449334 TO 449337. *Arachis hypogaea* L. (Fabaceae) Peanut.

From India. Donated by S. H. Patil, Biology and Agriculture Division, Bhabha Atomic Research Centre, Bombay.
Received May 1980.

449334. TG-9. Cultivated. Seed.

449335. TG-16. Cultivated. Seed.

449336. TG-17. Cultivated. Seed.

449337. TG-19. Cultivated. Seed.

449338 TO 449341. *Aegilops speltoides* Tausch. (Poaceae).

From Israel. Donated by T. Brody, Department of Genetics, The Hebrew University of Jerusalem, Jerusalem.
Received December 1978.

449338. 6008. Mixed morphology, some resembling *A. longissima* with awns on terminal spikelets only; some resembling *A. sharanensis* with awns on each spikelet. Wild. Seed.

449339. G 14. Turkey. Morphology resembles *A. longissima* with awns on terminal spikelets only. Wild. Seed.

449340. G 16. Turkey. Morphology resembles *A. sharanensis* with awns on each spikelet. Wild. Seed.

449341. G 17. Turkey. Mixed morphology, some resembling *A.*

449338 TO 449341-continued

longissima with awns on terminal spikelets only; some resembling *A. sharanensis* with awns on each spikelet. Wild. Seed.

449342 TO 449343. *Cucurbita ficifolia* Bouche (Cucurbitaceae) Figleaf gourd.

From Mexico. Collected by N. G. Vakili, Mayaguez Institute of Tropical Agriculture, USDA, Mayaguez, Puerto Rico. Received May 1979.

449342. Collected September 28, 1978. San Cristobal de Las Casas, Chiapas. 1500m. Seeds light or flesh colored. Local name Calabasa blanca. Seed.

449343. Collected September 28, 1978. San Cristobal de Las Casas, Chiapas. 1500m. Seeds black. Local name Calabasa. Seed.

449344. *Cucurbita mixta* Pang. (Cucurbitaceae).

From Mexico. Collected by N. G. Vakili, Mayaguez Institute of Tropical Agriculture, USDA, Mayaguez, Puerto Rico. Received May 1979.

Collected September 29, 1978. Comitán, Chiapas. 1500m. Local name Pepitoria. Seed.

449345 TO 449347. *Cucurbita moschata* (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Mexico. Collected by N. G. Vakili, Mayaguez Institute of Tropical Agriculture, USDA, Mayaguez, Puerto Rico. Received May 1979.

449345. Collected September 28, 1978. San Cristobal de Las Casas, Chiapas. 1500m. Local name Pepita de calabasa. Seed.

449346. Collected September 29, 1978. Comitán, Chiapas. 1500m. Local name Calabasa. Seed.

449347. Collected September 30, 1978. Tapachula, Chiapas. 500m. Local name Calabasa. Seed.

449348 TO 449349. *Cucurbita moschata* (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Guatemala. Collected by N. G. Vakili, Mayaguez Institute of

449348 TO 449349-continued

**Tropical Agriculture, USDA, Mayaguez, Puerto Rico.
Received May 1979.**

**449348. Collected October 11, 1978. Aguacatan. 1500m. Local name
Ixchilcum. Seed.**

**449349. Collected October 12, 1978. Tactic. Local name Pepita.
Seed.**

449350. Cucurbita pepo L. (Cucurbitaceae) Pumpkin.

**From Guatemala. Collected by N. G. Vakili, Mayaguez Institute of
Tropical Agriculture, USDA, Mayaguez, Puerto Rico.
Received May 1979.**

**Collected October 11, 1978. Aguacatan. 1500m. Local name
Ixchil. Seed.**

449351. Oryza sativa L. (Poaceae) Rice.

**From Upper Volta. Donated by Arlene Blade, Agro/Forestry Project,
Ox Fam, Ouagadougou.
Received June 1980.**

**Hui. Kaya. May be referred to as Riz local. Cultivated.
Seed.**

449352. Oryza sativa L. (Poaceae) Rice.

**From Japan. Donated by Division of Genetics, National Institute
of Agricultural Sciences, Yatabe, Tsukuba 305.
Received September 1980.**

**Sachimiori. Bred at the National Hokuriku Agricultural
Experiment Station. Cultivated. Seed.**

449353. Spinacia oleracea L. (Chenopodiaceae) Spinach.

**From Turkey. Donated by Ziraat Facultesi, Ankara Universitesi,
DISKAPI/ANKARA.
Received August 1980.**

Received as var. universal. Cultivated. Seed.

449354. Psoralea balsamica F. Mueller (Fabaceae).

**From Australia. Donated by Herbarium of the Northern Territory,
Alice Springs.**

449354-continued
Received May 1980.

7380. Collected July 13, 1977. Collected by P.K. Lutz.
Seed.

449355 TO 449357. *Psoralea cinerea* Lindl. (Fabaceae).

From Australia. Donated by Herbarium of the Northern Territory,
Alice Springs.
Received May 1980.

449355. Collected May 1969. Tempe Downs. Seed.

449356. Collected May 1969. Tempe Downs. Seed.

449357. Collected May 1969. Tempe Downs. Seed.

449358. *Psoralea eriantha* Benth. (Fabaceae).

From Australia. Donated by Herbarium of the Northern Territory,
Alice Springs.
Received May 1980.

6737. Collected April 10, 1977. Collected by P.K. Lutz.
Seed.

449359 TO 449360. *Psoralea eriantha* Benth. (Fabaceae).

From Australia. Donated by Herbarium of the Northern Territory,
Alice Springs.
Received May 1980.

449359. Collected May 25, 1977. Jay Ck. area. Received as
Psoralea patens. Seed.

449360. 7427. Collected August 24, 1977. Received as *Psoralea*
patens. Collected by P. K. Lutz. Seed.

449361 TO 449362. *Lens culinaris* Medik. (Fabaceae) Lentil.

From Ecuador. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received 1979.

449361. E 8441. Collected 1972. Tulcan. Seeds brown with
mottling. Local name Lenteja. Cultivated. Seed.

449362. E 8443. Collected 1972. Tulcan. Seeds brown with
mottling. Local name Lenteja. Cultivated. Seed.

449363. *Trifolium alexandrinum* L. (Fabaceae) Berseem clover.

From China, Peoples Repub of. Donated by Hortus Botanicus Pekinensis, Instituti Botanici Academiae Sinicae, Beijing. Received September 1980.

Cultivated. Seed.

449364. *Trifolium fragiferum* L. (Fabaceae) Strawberry clover.

From China, Peoples Repub of. Donated by Hortus Botanicus Pekinensis, Instituti Botanici Academiae Sinicae, Beijing. Received September 1980.

Cultivated. Seed.

449365. *Trifolium incarnatum* L. (Fabaceae) Crimson clover.

From China, Peoples Repub of. Donated by Hortus Botanicus Pekinensis, Instituti Botanici Academiae Sinicae, Beijing. Received September 1980.

Cultivated. Seed.

449366. *Trifolium lupinaster* L. (Fabaceae).

From China, Peoples Repub of. Donated by Hortus Botanicus Pekinensis, Instituti Botanici Academiae Sinicae, Beijing. Received September 1980.

Cultivated. Seed.

449367. *Trifolium pratense* L. (Fabaceae) Red clover.

From China, Peoples Repub of. Donated by Hortus Botanicus Pekinensis, Instituti Botanici Academiae Sinicae, Beijing. Received September 1980.

Cultivated. Seed.

449368. *Trifolium repens* L. (Fabaceae) White clover.

From China, Peoples Repub of. Donated by Hortus Botanicus Pekinensis, Instituti Botanici Academiae Sinicae, Beijing. Received September 1980.

Cultivated. Seed.

449369. *Phaseolus lignosus* Britton (Fabaceae).

From Bermuda. Collected by W. E. Rainey, Department of Zoology,
University of California, Berkeley, California.
Received October 1980.

Collected August 24, 1980. Nonsuch Island. Endemic to
West Indies. Wild. Seed.

449370. *Asparagus arborescens* Willd. ex Roem. & Schult. (Liliaceae).

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.
Received April 1978.

13. Bco. Concepcion. Wild. Seed.

449371. *Asparagus crispus* Lam. (Liliaceae) Drooping asparagus.

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.
Received April 1978.

341. Wild. Seed.

449372. *Asparagus densiflorus* (Kunth) Jessop (Liliaceae) Sprenger
asparagus.

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.
Received April 1978.

344. Received as *Asparagus sprengeri*. Wild. Seed.

449373. *Asparagus falcatus* L. (Liliaceae).

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.
Received April 1978.

342. Wild. Seed.

449374. *Asparagus setaceus* (Kunth) Jessop (Liliaceae) Fern asparagus.

From Spain. Donated by Jardin de Aclimatacion de Orotava,

449374-continued

Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.

Received April 1978.

343. Received as *Asparagus plumosus*. Wild. Seed.

449375 TO 449377. *Genista canariensis* L. (Fabaceae).

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.

Received April 1978.

449375. 95. Las Mercedes. Received as *Teline canariensis*. Wild.
Seed.

449376. 96. Teno. Received as *Teline canariensis*. Wild. Seed.

449377. 97. Rq. Aderno. Received as *Teline canariensis*. Wild.
Seed.

449378 TO 449379. *Genista stenopetala* Webb & Berth. (Fabaceae).

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.

Received April 1978.

449378. 98. Brena Baja. Received as *Teline stenopetala* subsp.
stenopetala. Wild. Seed.

449379. 99. Bco. Los Tilos. Received as *Teline stenopetala* subsp.
stenopetala. Wild. Seed.

449380. *Psoralea bituminosa* L. (Fabaceae).

From Spain. Donated by Jardin de Aclimatacion de Orotava,
Tenerife, Islas Canarias. Code numbers refer to 1976 Index
Seminum.

Received April 1978.

93. Buenavista. Wild. Seed.

449381. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From Mexico. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.

Received March 1980.

M 7451-10-7. Market, Poza Rica, Veracruz. Bush type.
Seeds black. Cultivated. Seed.

449382 TO 449426. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Mexico. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received March 1980.

449382. N 7447-3. Market, Poza Rica, Veracruz. Pods dark purple.
Seeds black. Local name Negro. Cultivated. Seed.
449383. N 7462. Market, La Ceiba, Puebla. Seeds black. Local
name Negro. Cultivated. Seed.
449384. N 7471. Villa Juarez, Puebla. Local name Negro.
Cultivated. Seed.
449385. N 7474-2-1. Bush type. Seeds black. Local name Negro.
Cultivated. Seed.
449386. N 7484. Martinez de la Torre. Local name Alborjon.
Cultivated. Seed.
449387. N 7489. Market, Tlapacoyan; grown at Alamo, Veracruz.
Seeds black. Local name Negro. Cultivated. Seed.
449388. N 7492. Market, Tlapacoyan; grown at Alamo, Veracruz.
Seeds black. Local name Negro. Cultivated. Seed.
449389. N 7495. Market, Tlapacoyan; grown at Alamo, Veracruz.
Seeds black. Local name Negro. Cultivated. Seed.
449390. N 7496. Market, Tlapacoyan; grown at Alamo, Veracruz.
Seeds black. Local name Negro. Cultivated. Seed.
449391. N 7500. Market, Tlapacoyan; grown at Alamo, Veracruz.
Seeds black. Local name Negro. Cultivated. Seed.
449392. N 7528. Mercado de Mercedes, Mexico, D. F. Seeds black.
Local name Negro. Cultivated. Seed.
449393. N 7529. Mercado de Mercedes, Mexico, D. F. Seeds black.
Local name Negro. Cultivated. Seed.
449394. N 7537-A-1-1. Mercado de Mercedes, Mexico, D. F. Local
name Canario. Cultivated. Seed.
449395. N 7547. Mercado de Mercedes, Mexico, D. F. Seeds black.
Local name Negro. Cultivated. Seed.
449396. N 7559-B-2-1. Mercado de Mercedes, Mexico, D. F. Local
name Aluvia. Cultivated. Seed.
449397. N 7595. San Juan del Rio, Queretaro. Local name Flor de

449382 TO 449426-continued

- mayo. Cultivated. Seed.
449398. M 7604. Market, Queretaro. Local name Canario. Cultivated. Seed.
449399. M 7612. Irapuato, Guanajuato. Local name Cacahuate. Cultivated. Seed.
449400. M 7624. La Predad, Michoacan. Local name Cacahuate. Cultivated. Seed.
449401. M 7634. Atotonitio, Jalisco. Local name Canario. Cultivated. Seed.
449402. M 7657. Jalpa, Zacatecas. Local name Flor de mayo. Cultivated. Seed.
449403. M 7658-B. Market, Jalpa, Zacatecas. Wild. Seed.
449404. M 7697. Zacatecas, Zacatecas. Local name Pinto. Cultivated. Seed.
449405. M 7705. Zacatecas, Zacatecas. Cultivated. Seed.
449406. M 7718. Aguascalientes, Aguascalientes. Local name Barqueno. Cultivated. Seed.
449407. M 7723. Aguascalientes, Aguascalientes. Local name Barqueno. Cultivated. Seed.
449408. M 7725. Lagas de Moreno, Jalisco. Local name Canario. Cultivated. Seed.
449409. M 7964. Mexico, D. F. Cultivated. Seed.
449410. M 7975. Mexico, D. F. Cultivated. Seed.
449411. M 8062. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.
449412. M 8072-C-1. Poza Rica, Veracruz. Bush type. Cultivated. Seed.
449413. M 8073A. Poza Rica, Veracruz. Seeds black. Local name Negro. Cultivated. Seed.
449414. M 8075A. Poza Rica, Veracruz. Seeds black. Local name Negro. Cultivated. Seed.
449415. M 8076A. Poza Rica, Veracruz. Seeds black. Local name Negro. Cultivated. Seed.
449416. M 8080A. Poza Rica, Veracruz. Seeds black. Local name

449382 TO 449426-continued

Negro. Cultivated. Seed.

449417. M 8081. Poza Rica, Veracruz. Seeds black. Local name Negro. Cultivated. Seed.

449418. M 8082. Poza Rica, Veracruz. Seeds black. Local name Negro. Cultivated. Seed.

449419. M 8141. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449420. M 8142. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449421. M 8145. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449422. M 8146. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449423. M 8153. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449424. M 8162. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449425. M 8179. Villa Juarez, Puebla. Seeds black. Local name Negro. Cultivated. Seed.

449426. M 8203-B-5. Necaxa, Hidalgo. Cultivated. Seed.

449427 TO 449431. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Kenya. Donated by H. A. van Rheenen, Grain Legume Program, Horticultural Research Station, (Dutch AID and GLP), Thika. Received July 1980.

449427. FS-44. Mwibemania type. Immune to halo blight and common mosaic damage. Good yield in high rainfall areas. Cultivated. Breeding material. Seed.

449428. GLP-2. Roko. Bush type. Seeds large, oblong with red mottled color. Wide tolerance to halo blight and rust. Fair tolerance to angular leaf spot and Bean Common Mosaic Virus. High yield potential. Cultivated. Seed.

449429. GLP-24. Canadian Wonder, bush type. Seeds red, medium sized. Grows well in areas with medium rainfall. Susceptible to halo blight, but has some tolerance to rust and angular leaf spot. Cultivated. Breeding material. Seed.

449427 TO 449431-continued

449430. GLP-1004. Mwezi Moia. Early maturity, bush type. Some drought tolerance. Resistant to bean fly, and some tolerance to rust. Low yield potential. Cultivated. Seed.

449431. ST-92. Mwibemania, bush type. Resistant to halo blight due to a single recessive gene in some plants, more than one gene in other plants. Some resistance to bean fly damage because of rapid root regeneration. An indeterminate or type II. Adapted to cold, wet areas. Cultivated. Breeding material. Seed.

449432. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Poland. Donated by Centralna Kolekcja Roslin, Instytut Hodowli i Aklimatyzacji Roslin, Radzikow.
Received October 1980.

'Verco'. Synthetic released in 1978. *Verticillium* wilt resistant. Cultivated. Seed.

449433 TO 449435. *Dioscorea* sp. (Dioscoreaceae).

From United States. Donated by R. F. Dawson, Winter Park, Florida 32790.
Received November 1980.

449433. Mexico. Open pollinated S-106. Remote areas of Tabasco and Chiapas. Similar to *D. composita*. Diosgenin content of tubers of parental lines range from 4.4% (males) to 8.0% (females). Leaching of seed with several water changes for a few days may improve germination. Breeding material. Seed.

449434. Mexico. S-83 x S-93. Remote areas of Tabasco and Chiapas. Similar to *D. composita*. Diosgenin content of tubers of parental lines range from 4.4% (males) to 8.0% (females). Leaching of seed with several water changes for a few days may improve germination. Breeding material. Seed.

449435. Mexico. S-106 x S-117. Remote areas of Tabasco and Chiapas. Similar to *D. composita*. Diosgenin content of tubers of parental lines range from 4.4% (males) to 8.0% (females). Leaching of seed with several water changes for a few days may improve germination. Breeding material. Seed.

449436 TO 449439. *Brassica juncea* (L.) Czern. & Coss. (Brassicaceae)
Indian mustard.

From Pakistan. Collected by P. F. Knowles, Department of Agronomy

449436 TO 449439-continued

and Range Science, University of California, Davis, California.
Received through Department of Crop Science, Oregon State
University, Corvallis, Oregon.
Received March 1980.

- 449436. K-16. Collected May 05, 1976. Seed store, Chambar. Local name Sarson. Cultivated. Seed.
- 449437. K-258. Collected May 12, 1976. Grain market, Jacobabad. Local name Sarson. Cultivated. Seed.
- 449438. K-321. Collected May 13, 1976. Pano Akil. Local name Sarson. Cultivated. Seed.
- 449439. K-410. Collected May 17, 1976. Khanariwal. Local name Sarson. Cultivated. Seed.

449440 TO 449453. *Sorghum bicolor* (L.) Moench (Poaceae) Grain sorghum.

From India. Donated by Genetic Resources Unit, International
Crops Research Institute for the Semi-Arid Tropics (ICRISAT),
Hyderabad - 500016, A. P.
Received August 1980.

- 449440. IS-18761. Panari-2. Lucknow. Scented type. Cultivated. Seed.
- 449441. IS-18762. Panari-1 (Peela). Lucknow. Scented type. Cultivated. Seed.
- 449442. IS-18763. Anrokh. Lucknow. Scented type. Cultivated. Seed.
- 449443. IS-18764. Basmati. Lucknow. Scented type. Cultivated. Seed.
- 449444. IS-18765. Rambharose - Anrokh-2. Lucknow. Scented type. Cultivated. Seed.
- 449445. IS-18766. Chiragaon-2. Lucknow. Scented type. Cultivated. Seed.
- 449446. IS-18767. Gharria. Lucknow. Scented type. Cultivated. Seed.
- 449447. IS-18768. Dhamna. Lucknow. Scented type. Cultivated. Seed.
- 449448. IS-18769. Mudai. Lucknow. Scented type. Cultivated. Seed.
- 449449. IS-18770. Garhi Kargoanya. Lucknow. Scented type. Cultivated. Seed.

449440 TO 449453-continued

449450. IS-18771. Baraul. Lucknow. Scented type. Cultivated. Seed.

449451. IS-18772. Chiragaon-1. Lucknow. Scented type. Cultivated. Seed.

449452. IS-19907. Basmati KEP-472. Madhya Pradesh. Collected by K. E. Prasada Rao. Scented type. Cultivated. Seed.

449453. IS-19908. Basmati KEP-473. Madhya Pradesh. Collected by K. E. Prasada Rao. Scented type. Cultivated. Seed.

449454. *Brassica campestris* L. (Brassicaceae) Bird rape.

From Canada. Donated by The Plant Gene Resources of Canada, Ottawa Research Station, Agriculture Canada, Ottawa, Ontario K1A 0C6.

Received August 1980.

PGR 4669. Candle. CZY3-1821: derived from (*B. campestris* x *B. juncea*) x Bronowski (*B.napus*). Referred to as Zero-Zero rapeseed. Seeds yellow to brown. Protein and oil content high. Fiber, glucosinolate and erucic acid (2% or less) content low. Less susceptible to white rust (*A. candida*) than other Canadian cultivars of *B. campestris*. Cultivated. Seed.

449455. *Medicago sativa* L. (Fabaceae) Alfalfa.

From United States. Donated by M. H. Schonhorst, Department of Plant Science, University of Arizona, Tucson, Arizona.

Received September 1980.

'San Miguelito'. Mexico. Rancho Cayetano, Celaya, Guanajuato. Ecotype. Cultivated. Seed.

449456 TO 449460. *Glycine max* (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences, Beijing.

Received October 1980.

449456. Bei 77-6177. Cultivated. Seed.

449457. Bei fu dou. Cultivated. Seed.

449458. Ke 73042.

449456 TO 449460-continued

449459. Tung Nong 78-34. Cultivated. Seed.

449460. Tung Nong 78-36. Cultivated. Seed.

**449461 TO 449464. Neonotonia wightii (Arnott) Lackey (Fabaceae)
Perennial glycine.**

From China, Peoples Repub of. Donated by Institute of Crop
Germplasm Resources, Chinese Academy of Agricultural Sciences,
Beijing.

Received October 1980.

449461. Wild. Seed.

449462. Lung 29-3313. Wild. Seed.

449463. Lung 79-0009. Wild. Seed.

449464. Lung 79-1809. Wild. Seed.

449465 TO 450107. Zea mays L. (Poaceae) Field corn.

From Brazil. Donated by Centro Nacional de Recursos Geneticos,
Empresa Brasileira de Pesquisa Agropecuaria, CEP 70.000 - Brasilia
DF.

Received July 1980.

449465. 01201 000451. Dentado Composto. Collected 1978.
Cultivated. Seed.

449466. 01201 000671. Piramex Br Br Martinho. Collected 1978.
Cultivated. Seed.

449467. 01201 000957. Flint Composto. Collected 1977. Cultivated.
Seed.

449468. 01201 001171. I-74-3. Collected 1979. Cultivated. Seed.

449469. 01201 001830. Cateto-Sete Lagoas. Collected 1977.
Cultivated. Seed.

449470. 01201 002887. Centralmex. Mexico. Collected 1978.
Cultivated. Seed.

449471. 01201 004375. Cateto Colombia. Colombia. Collected 1978.
Cultivated. Seed.

449472. 01201 006319. Composto Tropical IPEACS. Collected 1977.
Cultivated. Seed.

449465 TO 450107-continued

449473. 01201 011614. Sintetico 20. Collected 1979. Cultivated. Seed.
449474. 01201 011631. Sintetico 30. Collected 1979. Cultivated. Seed.
449475. 01201 013951. PAG VI - Moroti. Collected 1977. Moroti Race. Cultivated. Seed.
449476. 01201 013960. PAG VI-A - Moroti Guapi. Collected 1979. Moroti Guapi Subrace. Cultivated. Seed.
449477. 01201 013978. PAG VII - Moroti. Collected 1979. Moroti Race. Cultivated. Seed.
449478. 01201 014010. GIN I - Cateto Nortista. Collected 1979. Cateto Nortista Race. Cultivated. Seed.
449479. 01201 014044. GFR III - Cateto Nortista. Collected 1979. Cateto Nortista Race. Cultivated. Seed.
449480. 01201 014231. SP XIII - Caingang. Collected 1977. Caingang Race. Cultivated. Seed.
449481. 01201 014249. SP XIV - Caingang. Collected 1978. Caingang Race. Cultivated. Seed.
449482. 01201 014320. MAI - Cateto. Collected 1977. Cateto Race. Cultivated. Seed.
449483. 01201 014338. CE I - Cateto. Collected 1979. Cateto Race. Cultivated. Seed.
449484. 01201 014346. DESCI - Cateto Rib. Preto. Collected 1979. Cultivated. Seed.
449485. 01201 014354. WP 1 - Flint Composto. Collected 1977. Cultivated. Seed.
449486. 01201 014362. WP 2 - Amarelo Dentado. Collected 1977. Cultivated. Seed.
449487. 01201 014371. WP 3 - Cuprico. Collected 1979. Cultivated. Seed.
449488. 01201 014397. WP 5 - Cuba 11 J. Cuba. Collected 1974. Cultivated. Seed.
449489. 01201 014419. WP 7 - ETO Branco. Collected 1977. Cultivated. Seed.
449490. 01201 014427. WP 8 Cuba GP01. Cuba. Collected 1979.

449465 TO 450107-continued

- Cultivated. Seed.
449491. 01201 014435. WP 11 - Flint Dent. Collected 1974.
Cultivated. Seed.
449492. 01201 014460. WP 13 - Comp. Caribe. Collected 1974.
Cultivated. Seed.
449493. 01201 014478. WP 14 - Cristalinos. Collected 1974.
Cultivated. Seed.
449494. 01201 014494. WP 16 - Tuxpantigua BR2. Collected 1979.
Cultivated. Seed.
449495. 01201 014508. WP 17 - Antigua GP 2. Collected 1979.
Cultivated. Seed.
449496. 01201 014524. WP 19 - Tuxpantigua Cuba. Cuba. Collected
1979. Cultivated. Seed.
449497. 01201 014532. WP 20 - Tuxpantigua. Collected 1979.
Cultivated. Seed.
449498. 01201 014541. WP 21 - Composto Cuba. Cuba. Collected
1979. Cultivated. Seed.
449499. 01201 014559. WP 22 - Tuxpantigua Nar. Feru BD. Peru.
Collected 1979. Cultivated. Seed.
449500. 01201 014567. WP 23 - Azteca Antiga. Collected 1979.
Cultivated. Seed.
449501. 01201 014575. WP 24 - PDMS 6. Collected 1977. Cultivated.
Seed.
449502. 01201 014583. WP 25 - La Posta. Collected 1979.
Cultivated. Seed.
449503. 01201 014591. WP 26 - Capitein. Collected 1979.
Cultivated. Seed.
449504. 01201 014605. WP 27 - Cuba 28. Cuba. Collected 1979.
Cultivated. Seed.
449505. 01201 014613. WP 28 - Diacol V-101. Collected 1979.
Cultivated. Seed.
449506. 01201 014621. WP 29 - Carmen. Collected 1974. Cultivated.
Seed.
449507. 01201 014630. WP 30 - Narino 330. Collected 1974.
Cultivated. Seed.

449465 TO 450107-continued

449508. 01201 14656. WP 32 - MIX 1. Collected 1979. Cultivated. Seed.
449509. 01201 014664. WP 33 - AM Salvadoreno. Collected 1979. Cultivated. Seed.
449510. 01201 014672. WP 34 - Sintetico Florida. United States. Collected 1974. Cultivated. Seed.
449511. 01201 014699. WP 37 - Venezuela 3. Venezuela. Collected 1979. Cultivated. Seed.
449512. 01201 014702. WP 38 - PDMS 6. Collected 1974. Cultivated. Seed.
449513. 01201 014885. Cateto Nortista. Collected 1978. Cateto Nortista Race. Cultivated. Seed.
449514. 01201 014893. Cateto Sao Simao. Collected 1977. Cultivated. Seed.
449515. 01201 014931. Composto Amplo. Collected 1979. Cultivated. Seed.
449516. 01201 014940. Composto Canario DE 8. Collected 1977. Cultivated. Seed.
449517. 01201 014958. Composto Indigena. Collected 1977. Cultivated. Seed.
449518. 01201 014966. Composto Guarani. Collected 1978. Cultivated. Seed.
449519. 01201 015016. Dente Paulista. Collected 1977. Dente Paulista Race. Cultivated. Seed.
449520. 01201 015025. Eto Colombia. Colombia. Collected 1977. Cultivated. Seed.
449521. 01201 015181. SP XII - Cristal. Collected 1978. Cristal Race. Cultivated. Seed.
449522. 01201 016918. I-74-1 Boliviano. Bolivia. Collected 1978. Cultivated. Seed.
449523. 01201 016942. I-74-2 Indios Kranhakaores. Collected 1977. Cultivated. Seed.
449524. 01201 016951. I-74-5 Entrelacado Alto Rio Negro. Collected 1977. Cultivated. Seed.
449525. 01201 016969. I-74-6 PI - Katete. Collected 1978.

449465 TO 450107-continued

- Cultivated. Seed.
449526. 01201 016977. I-74-7 Original. Collected 1977.
Cultivated. Seed.
449527. 01201 016985. I-75-1 Pipoca Amarelo. Collected 1979.
Cultivated. Seed.
449528. 01201 017001. I-75-4 TUR 74/A ICA V 105. Collected 1977.
Cultivated. Seed.
449529. 01201 017019. I-75-5 TIB 73 ICA V 504. Collected 1977.
Cultivated. Seed.
449530. 01201 017027. I-75-6 Valle Dupar 73/A ICA V 106.
Collected 1977. Cultivated. Seed.
449531. 01201 017035. I-75-7 Imisrequi. Collected 1977.
Cultivated. Seed.
449532. 01201 017043. I-75-8 Macapoco. Collected 1978.
Cultivated. Seed.
449533. 01201 017051. I-75-9 Cchisqueri. Collected 1977.
Cultivated. Seed.
449534. 01201 017060. I-75-10 Osrosrequi. Collected 1977.
Cultivated. Seed.
449535. 01201 017078. Tribo Jamanadi. Collected 1979. Cultivated.
Seed.
449536. 01201 017108. Pipoca Guarani. Collected 1979. Cultivated.
Seed.
449537. 01201 017116. Indios Faunari. Collected 1978. Cultivated.
Seed.
449538. 01201 017221. I-74-8 Flint Palha Roxa. Collected 1977.
Cultivated. Seed.
449539. 01201 017540. Nodzob Tore. Collected 1977. Cultivated.
Seed.
449540. 01201 017558. Nodzob Pre. Collected 1977. Cultivated.
Seed.
449541. 01201 017566. Nodzob Rare. Collected 1977. Cultivated.
Seed.
449542. 01201 017574. Nodzob Rare Topre. Collected 1977.
Cultivated. Seed.

449465 TO 450107-continued

449543. 01201 017582. Nodzob WA WI. Collected 1977. Cultivated. Seed.
449544. 01201 017591. Nodzob a. Collected 1977. Cultivated. Seed.
449545. 01201 017604. Colorado Pergamino. Collected 1977. Cultivated. Seed.
449546. 01201 017612. Tunicata. Collected 1977. Cultivated. Seed.
449547. 01201 017639. ARG I - Cristal Sulino. Collected 1979. Cristal Sulino Race. Cultivated. Seed.
449548. 01201 017647. ARG II - Cateto Sulino. Collected 1979. Cateto Sulino Race. Cultivated. Seed.
449549. 01201 017647a. ARG II - Cateto Sulino. Collected 1979. Cateto Sulino Race. Cultivated. Seed.
449550. 01201 017663. ARG IV - Canario de Ocho. Collected 1979. Canario de Ocho Race. Cultivated. Seed.
449551. 01201 017671. ARG V - Cateto Sulino. Collected 1978. Cateto Sulino Race. Cultivated. Seed.
449552. 01201 017680. ARG VI - Canario de Ocho. Collected 1979. Canario de Ocho Race. Cultivated. Seed.
449553. 01201 017698. ARG VIII - Cristal Sulino. Collected 1977. Cristal Sulino Race. Cultivated. Seed.
449554. 01201 017701. BA I - Cateto. Collected 1978. Cateto Race. Cultivated. Seed.
449555. 01201 017710. BA II - Cristal. Collected 1979. Cristal Race. Cultivated. Seed.
449556. 01201 017728. BA III - Tuson. Collected 1978. Tuson Race. Cultivated. Seed.
449557. 01201 017744. BOL II - Moroti. Collected 1979. Moroti Race. Cultivated. Seed.
449558. 01201 017752. BOL III - Moroti. Collected 1977. Moroti Race. Cultivated. Seed.
449559. 01201 017761. Caingang Composto. Collected 1979. Cultivated. Seed.
449560. 01201 017763. BOL I - Moroti Precoce. Collected 1979. Moroti Precoce Subrace. Cultivated. Seed.

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449561. 01201 017779. Cateto Composto Botucatu. Collected 1977. Cultivated. Seed.
449562. 01201 017787. Cateto Composto Sao Simao. Collected 1978. Cultivated. Seed.
449563. 01201 017809. Composto Amplo Anhembi. Collected 1977. Cultivated. Seed.
449564. 01201 017817. Composto Cruz Cuzco. Collected 1978. Cultivated. Seed.
449565. 01201 017825. Composto Pergaminho Araras. Collected 1978. Cultivated. Seed.
449566. 01201 017833. Cristal Composto. Collected 1979. Cultivated. Seed.
449567. 01201 017868. GFR II - Cateto Nortista. Collected 1979. Cateto Nortista Race. Cultivated. Seed.
449568. 01201 017876. MG I - Dente Paulista. Collected 1977. Dente Paulista Race. Cultivated. Seed.
449569. 01201 017884. MG II - Cateto. Collected 1979. Cateto Race. Cultivated. Seed.
449570. 01201 017892. MG III - Cristal. Collected 1979. Cristal Race. Cultivated. Seed.
449571. 01201 017906. MT I - Cateto Grande. Collected 1979. Cateto Grande Race. Cultivated. Seed.
449572. 01201 017914. MT II - Moroti. Collected 1977. Moroti Race. Cultivated. Seed.
449573. 01201 017922. MT III - Moroti. Collected 1978. Moroti Race. Cultivated. Seed.
449574. 01201 017931. MT V - Moroti. Collected 1977. Moroti Race. Cultivated. Seed.
449575. 01201 017949. MT VI - Entrelacado. Collected 1978. Cultivated. Seed.
449576. 01201 017957. PAG I - Semidentado Paulista. Collected 1977. Semi-Dentado Paulista Subrace. Cultivated. Seed.
449577. 01201 017965. PAG II - Cristal Semi-Dentado. Collected 1977. Cristal Semi-Dentado Subrace. Cultivated. Seed.
449578. 01201 017973. PAG III - Cristal Semi-Dentado. Collected

449465 TO 450107-continued

1977. Cristal Semi-Dentado Subrace. Cultivated. Seed.
449579. 01201 017981. PE I - Moroti. Collected 1979. Moroti Race. Cultivated. Seed.
449580. 01201 017990. Perola Piracicaba. Collected 1977. Cultivated. Seed.
449581. 01201 018007. PR I - Moroti. Collected 1977. Moroti Race. Cultivated. Seed.
449582. 01201 018015. PR II - Moroti. Collected 1979. Moroti Race. Cultivated. Seed.
449583. 01201 018031. Piracar I. Collected 1978. Cultivated. Seed.
449584. 01201 018040. Piramex Rio Preto. Collected 1977. Cultivated. Seed.
449585. 01201 018058. RGS I - Dente Riograndense Rugoso. Collected 1979. Dente Riograndense Rugoso Subrace. Cultivated. Seed.
449586. 01201 018066. RGS II - Dente Riograndense Rugoso. Collected 1979. Dente Riograndense Rugoso Subrace. Cultivated. Seed.
449587. 01201 018074. RGS III - Dente Riograndense Rugoso. Collected 1978. Dente Riograndense Rugoso Subrace. Cultivated. Seed.
449588. 01201 018082. RGS IV - Dente Riograndense Rugoso. Collected 1978. Dente Riograndense Rugoso Subrace. Cultivated. Seed.
449589. 01201 018091. RGS V - Dente Riograndense Liso. Collected 1977. Dente Riograndense Liso Subrace. Cultivated. Seed.
449590. 01201 018104. RGS VI - Dente Riograndense Liso. Collected 1977. Dente Riograndense Liso Subrace. Cultivated. Seed.
449591. 01201 018112. RGS VII - Cravo Riograndense. Collected 1977. Cultivated. Seed.
449592. 01201 018121. RGS VIII - Cravo Riograndense. Collected 1977. Cultivated. Seed.
449593. 01201 018139. RGS IX - Hickory King. Collected 1977. Hickory King Race. Cultivated. Seed.
449594. 01201 018147. RGS X - Dente Branco Riograndense.

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- Collected 1979. Dente Branco Riograndense Subrace.
Cultivated. Seed.
449595. 01201 018155. RGS XI - Dente Branco Riograndense.
Collected 1978. Dente Branco Riograndense Subrace.
Cultivated. Seed.
449596. 01201 018163. RGS XII - Dente Branco Riograndense.
Collected 1977. Dente Branco Riograndense Subrace.
Cultivated. Seed.
449597. 01201 018171. RGS XIII - Dente Branco Riograndense.
Collected 1978. Dente Branco Riograndense Subrace.
Cultivated. Seed.
449598. 01201 018180. RGS XIV - Cateto Assis Brasil. Collected
1979. Cultivated. Seed.
449599. 01201 018198. RGS XV - Semidentado Riograndense.
Collected 1979. Semi-Dentado Riograndense Subrace.
Cultivated. Seed.
449600. 01201 018201. RGS XVI - Semidentado Riograndense.
Collected 1978. Semi-Dentado Riograndense Subrace.
Cultivated. Seed.
449601. 01201 018210. RGS XVII - Amostra Especial. Collected
1977. Cultivated. Seed.
449602. 01201 018228. RGS XVIII - Amostra Especial. Collected
1979. Cultivated. Seed.
449603. 01201 018236. RGS XIX - Moroti 3006. Collected 1977.
Moroti Race. Cultivated. Seed.
449604. 01201 018244. RGS XX - Lenha. Collected 1979. Lenha Race.
Cultivated. Seed.
449605. 01201 018252. SC I - Dente Riograndense Liso. Collected
1978. Dente Riograndense Liso Subrace. Cultivated. Seed.
449606. 01201 018261. SC II - Dente Branco Riograndense.
Collected 1977. Dente Branco Riograndense Subrace.
Cultivated. Seed.
449607. 01201 018279. SP I - Cravo Paulista. Collected 1979.
Cultivated. Seed.
449608. 01201 018287. SP II - Cravo Paulista. Collected 1977.
Cultivated. Seed.
449609. 01201 018295. SP III - Dente Paulista. Collected 1979.
Dente Paulista Race. Cultivated. Seed.

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449610. 01201 018309. SP IV - Dente Paulista. Collected 1979.
Dente Paulista Race. Cultivated. Seed.
449611. 01201 018317. SP V - Dente Branco Paulista. Collected
1977. Dente Branco Paulista Subrace. Cultivated. Seed.
449612. 01201 018325. SP VI - Amostra Especial. Collected 1978.
Cultivated. Seed.
449613. 01201 018333. SP VII - Cateto. Collected 1977. Cateto
Race. Cultivated. Seed.
449614. 01201 018341. SP VIII - Cateto. Collected 1977. Cateto
Race. Cultivated. Seed.
449615. 01201 018350. SP IX - Semidentado Paulista. Collected
1977. Semi-Dentado Paulista Subrace. Cultivated. Seed.
449616. 01201 018363. SP X - Cristal. Collected 1978. Cristal
Race. Cultivated. Seed.
449617. 01201 018376. SP XI - Cristal. Collected 1977. Cristal
Race. Cultivated. Seed.
449618. 01201 018384. Dente Cravo Composto Sao Simao. Collected
1977. Cultivated. Seed.
449619. 01201 018392. Dente Riograndense Liso. Collected 1977.
Dente Riograndense Liso Subrace. Cultivated. Seed.
449620. 01201 018414. SUR I - Cateto Nortista Precoce. Collected
1979. Cateto Nortista Precoce Subrace. Cultivated. Seed.
449621. 01201 018422. SUR II - Cateto Nortista. Collected 1979.
Cateto Nortista Race. Cultivated. Seed.
449622. 01201 018431. URG I - Cateto Sulino. Collected 1977.
Cateto Sulino Race. Cultivated. Seed.
449623. 01201 018449. URG II - Cateto Sulino. Collected 1978.
Cateto Sulino Race. Cultivated. Seed.
449624. 01201 018457. URG IV - Cateto Sulino. Collected 1978.
Cateto Sulino Race. Cultivated. Seed.
449625. 01201 018465. URG V-A Cateto Sulino Escuro. Collected
1977. Cateto Sulino Escuro Subrace. Cultivated. Seed.
449626. 01201 018473. URG VI - Canario DE 8. Collected 1979.
Cultivated. Seed.
449627. 01201 018481. URG VIII - Cristal Sulino. Collected 1978.

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Cristal Sulino Race. Cultivated. Seed.

449628. 01201 018490. WP 4 - Narino x Peru. Collected 1979. Cultivated. Seed.
449629. 01201 018503. WP 6 - Tuxpeno x Eto. Collected 1979. Cultivated. Seed.
449630. 01201 018511. WP 9 - Mi x GPO1 x EE. Collected 1977. Cultivated. Seed.
449631. 01201 018520. WP 10 - Hawai - SLP. Collected 1974. Cultivated. Seed.
449632. 01201 018538. WP 12 - Tuxpantigua Flint. Collected 1978. Cultivated. Seed.
449633. 01201 018546. WP 15 - Sintetico Amar. Cr. Collected 1979. Cultivated. Seed.
449634. 01201 018554. WP 18 - Tuxpantigua Amar. x Cr. Collected 1979. Cultivated. Seed.
449635. 01201 018562. WP 31 - Peru 330 x Narino 330. Collected 1977. Cultivated. Seed.
449636. 01201 018571. WP 36 - Venezuela 1. Venezuela. Collected 1974. Cultivated. Seed.
449637. 01201 018589. Criolo de Roraima. Collected 1977. Cultivated. Seed.
449638. 01201 018597. Pontinha Sao Simao. Collected 1977. Cultivated. Seed.
449639. 01201 018635. Poliembrionico. Collected 1975. Cultivated. Seed.
449640. 01201 018643. Dentado Composto FL2 (Manchetado). Collected 1978. Cultivated. Seed.
449641. 01201 018651. Cateto Prolifico IX. Collected 1979. Cultivated. Seed.
449642. 01201 018660. IAC I - 02.IV. Collected 1978. Cultivated. Seed.
449643. 01201 018678. Composto "A". Collected 1979. Cultivated. Seed.
449644. 01201 018686. Composto "B". Collected 1979. Cultivated. Seed.

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449645. 01201 018694. Flint Composto SRR Prolif. Collected 1979. Cultivated. Seed.
449646. 01201 018708. Sintetico Opaco 60. Collected 1979. Cultivated. Seed.
449647. 01201 018716. Azteca Opaco 2 (70%). Collected 1978. Cultivated. Seed.
449648. 01201 018724. Dentado Composto CMI-HSI. Collected 1972. Cultivated. Seed.
449649. 01201 018732. Centralmex HS IV-M II-HS I. Mexico. Collected 1979. Cultivated. Seed.
449650. 01201 018741. Flint Composto CMI-HSI. Collected 1979. Cultivated. Seed.
449651. 01201 018759. Jatina C1. Collected 1978. Cultivated. Seed.
449652. 01201 018769. IAC I - IX. Collected 1974. Cultivated. Seed.
449653. 01201 018775. Pipoca. Collected 1973. Cultivated. Seed.
449654. 01201 018783. Composto Cacador Original. Collected 1978. Cultivated. Seed.
449655. 01201 018881. Pipoca Miudo. Collected 1979. Cultivated. Seed.
449656. 01201 018899. Esalg VD - 2 Dentado Composto. Collected 1976. Cultivated. Seed.
449657. 01201 018902. Reliance B. Collected 1977. Cultivated. Seed.
449658. 01201 019046. Palha Roxa. Collected 1979. Cultivated. Seed.
449659. 01201 019704. Comum. Collected 1979. A. R. Miranda 002-6/79. Cultivated. Seed.
449660. 01201 019712. Palha Roxa. Collected 1979. A. R. Miranda 003-6/79. Cultivated. Seed.
449661. 01201 019721. Comum. Collected 1979. A. R. Miranda 004-6/79. Cultivated. Seed.
449662. 01201 019739. Comum. Collected 1979. A. R. Miranda 005-6/79. Cultivated. Seed.

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449663. 01201 019747. Comum. Collected 1979. A. R. Miranda 006-6/79. Cultivated. Seed.
449664. 01201 019755. Comum. Collected 1979. A. R. Miranda 007-6/79. Cultivated. Seed.
449665. 01201 019763. Ferro. Collected 1979. A. R. Miranda 008-6/79. Cultivated. Seed.
449666. 01201 019771. Pontinha. Collected 1979. A. R. Miranda 009-6/79. Cultivated. Seed.
449667. 01201 019780. Pontinha. Collected 1979. A. R. Miranda 010-6/79. Cultivated. Seed.
449668. 01201 019798. Pontinha. Collected 1979. A. R. Miranda 011-6/79. Cultivated. Seed.
449669. 01201 019801. Pontinha. Collected 1979. A. R. Miranda 012-6/79. Cultivated. Seed.
449670. 01201 019810. Comum. Collected 1979. A. R. Miranda 013-6/79. Cultivated. Seed.
449671. 01201 019828. Comum. Collected 1979. A. R. Miranda 014-6/79. Cultivated. Seed.
449672. 01201 019836. Palha Roxa. Collected 1979. A. R. Miranda 015-6/79. Cultivated. Seed.
449673. 01201 019844. Cristal. Collected 1979. A. R. Miranda 016-6/79. Cristal Race. Cultivated. Seed.
449674. 01201 019852. Alho. Collected 1979. A. R. Miranda 017-6/79. Cultivated. Seed.
449675. 01201 019861. Catete. Collected 1979. A. R. Miranda 018-6/79. Catete Race. Cultivated. Seed.
449676. 01201 019879. Miudo. Collected 1979. A. R. Miranda 019-6/79. Cultivated. Seed.
449677. 01201 019895. Comum. Collected 1979. A. R. Miranda 021-6/79. Cultivated. Seed.
449678. 01201 019909. Comum. Collected 1979. A. R. Miranda 022-6/79. Cultivated. Seed.
449679. 01201 019917. Vermelho. Collected 1979. A. R. Miranda 023-6/79. Cultivated. Seed.
449680. 01201 019925. Catetinho. Collected 1979. A. R. Miranda

449465 TO 450107-continued

024-6/79. Cultivated. Seed.

449681. 01201 019933. Collected 1979. A. R. Miranda 025-6/79. Cultivated. Seed.
449682. 01201 019941. Comum. Collected 1979. A. R. Miranda 026-6/79. Cultivated. Seed.
449683. 01201 019950. Comum. Collected 1979. A. R. Miranda 027-6/79. Cultivated. Seed.
449684. 01201 019968. Comum. Collected 1979. A. R. Miranda 028-6/79. Cultivated. Seed.
449685. 01201 019976. Collected 1979. A. R. Miranda 030-6/79. Cultivated. Seed.
449686. 01201 019984. Mamalu. Collected 1979. A. R. Miranda 031-6/79. Cultivated. Seed.
449687. 01201 019992. Comum. Collected 1979. A. R. Miranda 032-6/79. Cultivated. Seed.
449688. 01201 020001. Comum. Collected 1979. A. R. Miranda 034-6/79. Cultivated. Seed.
449689. 01201 020010. Comum. Collected 1979. A. R. Miranda 035-6/79. Cultivated. Seed.
449690. 01201 020028. Batete ou Vermelhinho. Collected 1979. A. R. Miranda 036-6/79. Cultivated. Seed.
449691. 01201 020036. Macabu. Collected 1979. A. R. Miranda 038-6/79. Cultivated. Seed.
449692. 01201 020044. Vermelhinho. Collected 1979. A. R. Miranda 039-6/79. Cultivated. Seed.
449693. 01201 020052. Collected 1979. A. R. Miranda 043-6/79. Cultivated. Seed.
449694. 01201 020061. Comum-Hilbrida. Collected 1979. A. R. Miranda 044-6/79. Cultivated. Seed.
449695. 01201 020079. Vermelho. Collected 1979. A. R. Miranda 045-6/79. Cultivated. Seed.
449696. 01201 020087. Batin. Collected 1979. A. R. Miranda 046-6/79. Cultivated. Seed.
449697. 01201 020095. Comum. Collected 1979. A. R. Miranda 047-6/79. Cultivated. Seed.

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449698. 01201 020109. Comum. Collected 1979. A. R. Miranda 048-6/79. Cultivated. Seed.
449699. 01201 020117. Comum. Collected 1979. A. R. Miranda 049-6/79. Cultivated. Seed.
449700. 01201 020125. Cristal. Collected 1979. A. R. Miranda 050-6/79. Cristal Race. Cultivated. Seed.
449701. 01201 020133. Comum. Collected 1979. A. R. Miranda 051-6/79. Cultivated. Seed.
449702. 01201 020141. Comum. Collected 1979. A. R. Miranda 052-6/79. Cultivated. Seed.
449703. 01201 020150. Comum. Collected 1979. A. R. Miranda 053-6/79. Cultivated. Seed.
449704. 01201 020168. De Massa. Collected 1979. A. R. Miranda 054-6/79. Cultivated. Seed.
449705. 01201 020176. Catetinho. Collected 1979. A. R. Miranda 055-6/79. Cultivated. Seed.
449706. 01201 020184. Comum. Collected 1979. A. R. Miranda 057-6/79. Cultivated. Seed.
449707. 01201 020192. Comum. Collected 1979. A. R. Miranda 059-6/79. Cultivated. Seed.
449708. 01201 020206. Pontinha. Collected 1979. A. R. Miranda 061-6/79. Cultivated. Seed.
449709. 01201 020214. Pipoca. Collected 1979. A. R. Miranda 065-6/79. Cultivated. Seed.
449710. 01201 020222. Branco. Collected 1979. A. R. Miranda 066-6/79. Cultivated. Seed.
449711. 01201 020231. Collected 1979. A. R. Miranda 067-6/79. Cultivated. Seed.
449712. 01201 020249. Branco. Collected 1979. A. R. Miranda 069-6/79. Cultivated. Seed.
449713. 01201 020257. Comum Catete. Collected 1979. A. R. Miranda 070-6/79. Cultivated. Seed.
449714. 01201 020265. Alho. Collected 1979. A. R. Miranda 071-6/79. Cultivated. Seed.
449715. 01201 020273. Catetinho. Collected 1979. A. R. Miranda

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- 072-6/79. Cultivated. Seed.
449716. 01201 020281. Catetinho. Collected 1979. A. R. Miranda
073-6/79. Cultivated. Seed.
449717. 01201 020290. Cunha. Collected 1979. A. R. Miranda 074-
6/79. Cultivated. Seed.
449718. 01201 020303. Comun. Collected 1979. A. R. Miranda 075-
6/79. Cultivated. Seed.
449719. 01201 020311. Pipoca Alho. Collected 1979. A. R. Miranda
076-6/79. Cultivated. Seed.
449720. 01201 020320. Alho. Collected 1979. A. R. Miranda 020-
6/79. Cultivated. Seed.
449721. 01201 020338. Comun. Collected 1979. A. R. Miranda 001-
6/79. Cultivated. Seed.
449722. 01201 020346. Collected 1979. A. R. Miranda 058-6/79.
Cultivated. Seed.
449723. 01201 020354. Pipoca. Collected 1979. A. R. Miranda 033-
6/79. Cultivated. Seed.
449724. 01201 020362. Alho. Collected 1979. A. R. Miranda 037-
6/79. Cultivated. Seed.
449725. 01201 020371. Alho. Collected 1979. A. R. Miranda 040-
6/79. Cultivated. Seed.
449726. 01201 020389. Alho. Collected 1979. A. R. Miranda 041-
6/79. Cultivated. Seed.
449727. 01201 020397. Comun. Collected 1979. A. R. Miranda 042-
6/79. Cultivated. Seed.
449728. 01201 020401. Pipoca Alho. Collected 1979. A. R. Miranda
056-6/79. Cultivated. Seed.
449729. 01201. 020427. Comun. Collected 1979. A. R. Miranda 062-
6/79. Cultivated. Seed.
449730. 01201 020443. Pipoca. Collected 1979. A. R. Miranda 064-
6/79. Cultivated. Seed.
449731. 01201 020451. Collected 1979. A. R. Miranda 029-6/79.
Cultivated. Seed.
449732. 01201 020460. Caroco de Perola. Collected 1979. A. R.
Miranda 068-6/79. Cultivated. Seed.

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449733. 01201 020486. Comum. Collected 1979. A. R. Miranda 077-6/79. Cultivated. Seed.
449734. 01201 020494. Pipoca. Collected 1979. A. R. Miranda 078-6/79. Cultivated. Seed.
449735. 01201 020508. Amarelinho. Collected 1979. A. R. Miranda 079-6/79. Cultivated. Seed.
449736. 01201 020516. Comum. Collected 1979. A. R. Miranda 080-6/79. Cultivated. Seed.
449737. 01201 020524. De Moita-Anao. Collected 1979. A. R. Miranda 081-6/79. Cultivated. Seed.
449738. 01201 020532. Maranhao. Collected 1979. A. R. Miranda 082-6/79. Cultivated. Seed.
449739. 01201 020541. Palha Roxa. Collected 1979. A. R. Miranda 083-6/79. Cultivated. Seed.
449740. 01201 020559. Comum. Collected 1979. A. R. Miranda 086-6/79. Cultivated. Seed.
449741. 01201 020567. Pipoca. Collected 1979. A. R. Miranda 087-6/79. Cultivated. Seed.
449742. 01201 020583. Comum. Collected 1979. A. R. Miranda 089-6/79. Cultivated. Seed.
449743. 01201 020591. Alho-Pipoqueiro. Collected 1979. A. R. Miranda 090-6/79. Cultivated. Seed.
449744. 01201 020605. Palha Roxa. Collected 1979. A. R. Miranda 091-6/79. Cultivated. Seed.
449745. 01201 020613. Pipoca. Collected 1979. A. R. Miranda 092-6/79. Cultivated. Seed.
449746. 01201 020630. Comum. Collected 1979. A. R. Miranda 094-6/79. Cultivated. Seed.
449747. 01201 020648. Comum. Collected 1979. A. R. Miranda 095-6/79. Cultivated. Seed.
449748. 01201 020656. Comum. Collected 1979. A. R. Miranda 098-6/79. Cultivated. Seed.
449749. 01201 020664. Astecao. Collected 1979. A. R. Miranda 099-6/79. Cultivated. Seed.
449750. 01201 020672. Palha Roxa. Collected 1979. A. R. Miranda

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- 100-6/79. Cultivated. Seed.
449751. 01201 020681. Palha Roxa. Collected 1979. A. R. Miranda
101-6/79. Cultivated. Seed.
449752. 01201 020699. Catetinho. Collected 1979. A. R. Miranda
102-6/79. Cultivated. Seed.
449753. 01201 020702. Pipoca. Collected 1979. A. R. Miranda 103-
6/79. Cultivated. Seed.
449754. 01201 020711. Cibrasil. Collected 1979. A. R. Miranda
104-6/79. Cultivated. Seed.
449755. 01201 020729. Espinho-Alho-Pipoca. Collected 1979. A. R.
Miranda 105-6/79. Cultivated. Seed.
449756. 01201 020737. Comum. Collected 1979. A. R. Miranda 106-
6/79. Cultivated. Seed.
449757. 01201 020761. Collected 1979. A. R. Miranda 096-6/79.
Cultivated. Seed.
449758. 01201 020770. Collected 1979. A. R. Miranda 109-6/79.
Cultivated. Seed.
449759. 01201 020788. Collected 1979. A. R. Miranda 085-6/79.
Cultivated. Seed.
449760. 01201 020796. Collected 1979. A. R. Miranda 084-6/79.
Cultivated. Seed.
449761. 01201 020800. Collected 1979. A. R. Miranda 097-6/79.
Cultivated. Seed.
449762. 01201 020818. Comum. Collected 1979. R. C. Feldman 001-
6/79. Cultivated. Seed.
449763. 01201 020826. Comum. Collected 1979. R. O. Feldman 002-
6/79. Cultivated. Seed.
449764. 01201 020834. Comum. Collected 1979. R. C. Feldman 003-
6/79. Cultivated. Seed.
449765. 01201 020842. Comum. Collected 1979. R. O. Feldman 004-
6/79. Cultivated. Seed.
449766. 01201 020851. Comum. Collected 1979. R. C. Feldman 005-
6/79. Cultivated. Seed.
449767. 01201 020869. Palha Roxa. Collected 1979. R. O. Feldman
006-6/79. Cultivated. Seed.

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449768. 01201 020877. Comum. Collected 1979. R. O. Feldman 007-6/79. Cultivated. Seed.
449769. 01201 020885. Comum. Collected 1979. R. C. Feldman 008-6/79. Cultivated. Seed.
449770. 01201 020893. Xurimas. Collected 1979. R. O. Feldman 009-6/79. Cultivated. Seed.
449771. 01201 020907. Comum. Collected 1979. R. C. Feldman 010-6/79. Cultivated. Seed.
449772. 01201 020915. Branco (Tiarina). Collected 1979. R. O. Feldman 011-6/79. Cultivated. Seed.
449773. 01201 020923. Amarelo. Collected 1979. R. O. Feldman 012-6/79. Cultivated. Seed.
449774. 01201 020931. Hoca (Roca). Collected 1979. R. O. Feldman 013-6/79. Cultivated. Seed.
449775. 01201 020940. Collected 1979. R. O. Feldman 014-6/79. Cultivated. Seed.
449776. 01201 020958. Collected 1979. R. O. Feldman 015-6/79. Cultivated. Seed.
449777. 01201 024341. Branco (Nodzob a). Collected 1979. A. R. Miranda 001-8/79. Cultivated. Seed.
449778. 01201 024350. Vermelho (Nodzob pre). Collected 1979. A. R. Miranda 002-8/79. Cultivated. Seed.
449779. 01201 024368. Preto (Nodzob rare). Collected 1979. A. R. Miranda 003-8/79. Cultivated. Seed.
449780. 01201 024376. Roxo (Nodzob rare to pre). Collected 1979. A. R. Miranda 004-8/79. Cultivated. Seed.
449781. 01201 024384. Amarelo (Nodzob udze). Collected 1979. A. R. Miranda 005-8/79. Cultivated. Seed.
449782. 01201 024406. Mistura (Iipita). Collected 1979. A. R. Miranda 007-8/79. Cultivated. Seed.
449783. 01201 024414. Branco. Collected 1979. A. R. Miranda 008-8/79. Cultivated. Seed.
449784. 01201 024422. Branco. Collected 1979. A. R. Miranda 009-8/79. Cultivated. Seed.
449785. 01201 024431. Branco (Nodzob a). Collected 1979. A. R.

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Miranda 010-8/79. Cultivated. Seed.

449786. 01201 024449. Mistura. Collected 1979. A. R. Miranda 011-8/79. Cultivated. Seed.
449787. 01201 024457. Amarelo. Collected 1979. A. R. Miranda 012-8/79. Cultivated. Seed.
449788. 01201 024465. Roxo. Collected 1979. A. R. Miranda 013-8/79. Cultivated. Seed.
449789. 01201 024481. Mistura. Collected 1979. A. R. Miranda 015-8/79. Cultivated. Seed.
449790. 01201 024490. Amarelo. Collected 1979. A. R. Miranda 016-8/79. Cultivated. Seed.
449791. 01201 024546. Vermelho. Collected 1979. A. R. Miranda 021-8/79. Cultivated. Seed.
449792. 01201 024571. Mistura. Collected 1979. A. R. Miranda 024-8/79. Cultivated. Seed.
449793. 01201 024589. Branco. Collected 1979. A. R. Miranda 025-8/79. Cultivated. Seed.
449794. 01201 024597. Vermelho. Collected 1979. A. R. Miranda 026-8/79. Cultivated. Seed.
449795. 01201 024601. Roxo. Collected 1979. A. R. Miranda 027-8/79. Cultivated. Seed.
449796. 01201 024619. Mistura - 1. Collected 1979. A. R. Miranda 028-8/79. Cultivated. Seed.
449797. 01201 024627. Branco c/Caruncho. Collected 1979. A. R. Miranda 029-8/79. Cultivated. Seed.
449798. 01201 024635. Mistura - 2. Collected 1979. A. R. Miranda 030-8/79. Cultivated. Seed.
449799. 01201 028380. Cunha 001-R1. Collected 1978. Cultivated. Seed.
449800. 01201 028398. Amarelao 084-R1. Collected 1978. Cultivated. Seed.
449801. 01201 028401. Amarelao 071-R1. Collected 1978. Cultivated. Seed.
449802. 01201 028410. Doce Flor da Serra 051-R1. Collected 1978. Cultivated. Seed.

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449803. 01201 028428. Pipoca Branco 076-R1. Collected 1978.
Cultivated. Seed.
449804. 01201 028436. Caiano 083-R1. Collected 1978. Cultivated.
Seed.
449805. 01201 028444. Cateto de Anambai 088-R1. Collected 1978.
Cultivated. Seed.
449806. 01201 028452. Composto Pipoca 053-R1. Collected 1978.
Cultivated. Seed.
449807. 01201 028461. Caiano 070-R1. Collected 1978. Cultivated.
Seed.
449808. 01201 028479. Pipoca Branco 067-R1. Collected 1978.
Cultivated. Seed.
449809. 01201 028487. Pipoca Roxo 052-R2. Collected 1978.
Cultivated. Seed.
449810. 01201 028495. Composto Comum 109-R1. Collected 1978.
Cultivated. Seed.
449811. 01201 028509. Cateto Vermelho 093-R1. Collected 1978.
Cultivated. Seed.
449812. 01201 028517. Oeste 055-R1. Collected 1978. Cultivated.
Seed.
449813. 01201 028525. Cateto Comum 061-R1. Collected 1978.
Cultivated. Seed.
449814. 01201 028533. Cateto de Anambai 099-R1. Collected 1978.
Cultivated. Seed.
449815. 01201 028541. Palha Roxa 060-R1. Collected 1978.
Cultivated. Seed.
449816. 01201 028550. Brasil 2296. Collected 1979. Cultivated.
Seed.
449817. 01201 028568. Centralmex 02 UFV. Mexico. Collected 1978.
Cultivated. Seed.
449818. 01201 028576. Branco Dentado. Collected 1979. Dente
Branco Race. Cultivated. Seed.
449819. 01201 028584. Comum 019-R2. Collected 1978. Cultivated.
Seed.
449820. 01201 028592. Alho Graudo 021-R2. Collected 1978.

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Cultivated. Seed.

449821. 01201 028606. Comum 020-R2. Collected 1978. Cultivated.
Seed.
449822. 01201 028614. Comum 028-R2. Collected 1978. Cultivated.
Seed.
449823. 01201 028622. Cunha 029-R2. Collected 1978. Cultivated.
Seed.
449824. 01201 028631. Cunha 005-R2. Collected 1978. Cultivated.
Seed.
449825. 01201 028649. IPE 026-R2. Collected 1978. Cultivated.
Seed.
449826. 01201 028657. Comum 054-R2. Collected 1978. Cultivated.
Seed.
449827. 01201 028665. Comum 053-R2. Collected 1978. Cultivated.
Seed.
449828. 01201 028673. Comum 056-R2. Collected 1978. Cultivated.
Seed.
449829. 01201 028681. Palha Roxa 009-R2. Collected 1978.
Cultivated. Seed.
449830. 01201 028690. Comum 057-R2. Collected 1978. Cultivated.
Seed.
449831. 01201 028703. Comum 052-R2. Collected 1978. Cultivated.
Seed.
449832. 01201 028711. Comum 016-R2. Collected 1978. Cultivated.
Seed.
449833. 01201 028720. Comum 017-R2. Collected 1978. Cultivated.
Seed.
449834. 01201 028738. Comum 061-R2. Collected 1978. Cultivated.
Seed.
449835. 01201 028746. Tres Meses 073-R2. Collected 1978.
Cultivated. Seed.
449836. 01201 028754. Comum 067-R2. Collected 1978. Cultivated.
Seed.
449837. 01201 028762. Comum 055-R2. Collected 1978. Cultivated.
Seed.

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449838. 01201 028771. Comum 058-R2. Collected 1978. Cultivated. Seed.
449839. 01201 028789. Comum 022-R2. Collected 1978. Cultivated. Seed.
449840. 01201 028797. Palha Roxa. Collected 1978. Cultivated. Seed.
449841. 01201 028801. Alho Graudo 015-R2. Collected 1978. Cultivated. Seed.
449842. 01201 028819. Alho 014-R2. Collected 1978. Cultivated. Seed.
449843. 01201 028827. Amarelo Cruz Alta. Collected 1979. Cultivated. Seed.
449844. 01201 028835. Comum 003-R2. Collected 1978. Cultivated. Seed.
449845. 01201 028843. Palha Roxa 037-R2. Cultivated. Seed.
449846. 01201 028851. Baiano 013-R2. Collected 1978. Cultivated. Seed.
449847. 01201 028860. Comum 049-R2. Collected 1978. Cultivated. Seed.
449848. 01201 028878. Piranao. Collected 1977. Cultivated. Seed.
449849. 01201 028886. Caturrao 008-R2. Collected 1978. Cultivated. Seed.
449850. 01201 028894. Sabuquinho 066-R2. Collected 1978. Cultivated. Seed.
449851. 01201 028908. Comum 023-R2. Collected 1978. Cultivated. Seed.
449852. 01201 028916. Comum 024-R2. Collected 1978. Cultivated. Seed.
449853. 01201 028924. Comum 038-R2. Collected 1978. Cultivated. Seed.
449854. 01201 028932. Comum 070-R2. Collected 1978. Cultivated. Seed.
449855. 01201 028941. Cateto 006-R2. Collected 1978. Cateto Race. Cultivated. Seed.

449465 TO 450107-continued

449856. 01201 028959. Comum 032-R2. Collected 1978. Cultivated. Seed.
449857. 01201 028967. Comum 025-R2. Collected 1978. Cultivated. Seed.
449858. 01201 028975. Comum 034-R2. Collected 1978. Cultivated. Seed.
449859. 01201 028983. Comum 007-R2. Collected 1978. Cultivated. Seed.
449860. 01201 028991. Comum 033-R2. Collected 1978. Cultivated. Seed.
449861. 01201 029009. Comum 036-R2. Collected 1978. Cultivated. Seed.
449862. 01201 029017. Sabuquinho 065-R2. Collected 1978. Cultivated. Seed.
449863. 01201 029025. Comum 125-R2. Collected 1978. Cultivated. Seed.
449864. 01201 029033. Amarelao 080-R2. Collected 1978. Cultivated. Seed.
449865. 01201 029041. Azteca 077-R2. Collected 1978. Cultivated. Seed.
449866. 01201 029050. Comum 115-R2. Collected 1978. Cultivated. Seed.
449867. 01201 029068. Amarelao 126-R2. Collected 1978. Cultivated. Seed.
449868. 01201 029076. Azteca 076-R2. Collected 1978. Cultivated. Seed.
449869. 01201 029084. Palha Roxa c/Azteca 090-R2. Collected 1978. Cultivated. Seed.
449870. 01201 029092. Comum 074-R2. Collected 1978. Cultivated. Seed.
449871. 01201 029106. Comum 047-R2. Collected 1978. Cultivated. Seed.
449872. 01201 029114. Comum 048-R2. Collected 1978. Cultivated. Seed.
449873. 01201 029122. Comum 043-R2. Collected 1978. Cultivated.

449465 TO 450107-continued
Seed.

449874. 01201 029131. Comum 042-R2. Collected 1978. Cultivated.
Seed.
449875. 01201 029149. Azteca 091-R2. Collected 1978. Cultivated.
Seed.
449876. 01201 029157. Comum 045-R2. Collected 1978. Cultivated.
Seed.
449877. 01201 029165. Comum 044-R2. Collected 1978. Cultivated.
Seed.
449878. 01201 029173. Azteca 098-R2. Collected 1978. Cultivated.
Seed.
449879. 01201 029181. Comum 087-R2. Collected 1978. Cultivated.
Seed.
449880. 01201 029190. Comum 075-R2. Collected 1978. Cultivated.
Seed.
449881. 01201 029203. Comum 041-R2. Collected 1978. Cultivated.
Seed.
449882. 01201 029211. Azteca 082-R2. Collected 1978. Cultivated.
Seed.
449883. 01201 029220. Azteca 092-R2. Collected 1978. Cultivated.
Seed.
449884. 01201 029238. Argentino 085-R2. Argentina. Collected
1978. Cultivated. Seed.
449885. 01201 029246. Azteca 083-R2. Collected 1978. Cultivated.
Seed.
449886. 01201 029254. Tres Meses 114-R2. Collected 1978.
Cultivated. Seed.
449887. 01201 029262. Comum 127-R2. Collected 1978. Cultivated.
Seed.
449888. 01201 029271. Comum 111-R2. Collected 1978. Cultivated.
Seed.
449889. 01201 029289. Cunha 112-R2. Collected 1978. Cultivated.
Seed.
449890. 01201 029297. Comum 129-R2. Collected 1978. Cultivated.
Seed.

449465 TO 450107-continued

449891. 01201 029301. Comum 119-R2. Collected 1978. Cultivated. Seed.
449892. 01201 029319. Caiano 112-R2. Collected 1978. Cultivated. Seed.
449893. 01201 029327. Comum 100-R2. Collected 1978. Cultivated. Seed.
449894. 01201 029335. Comum 120-R2. Collected 1978. Cultivated. Seed.
449895. 01201 029343. Comum 140-R2. Collected 1978. Cultivated. Seed.
449896. 01201 029351. Branco Dentado 015-R1. Collected 1978. Dente Branco Race. Cultivated. Seed.
449897. 01201 029360. Cravinho 027-R1. Collected 1978. Cultivated. Seed.
449898. 01201 029378. Palha Roxa 017-R1. Collected 1978. Cultivated. Seed.
449899. 01201 029386. Palha Roxa 013-R1. Collected 1978. Cultivated. Seed.
449900. 01201 029394. Cateto de Ponta Pora 102-R1. Collected 1978. Cultivated. Seed.
449901. 01201 029408. Branco Mexicano 023-R1. Mexico. Collected 1978. Cultivated. Seed.
449902. 01201 029416. Cravinho (Cunha) 022-R1. Collected 1978. Cultivated. Seed.
449903. 01201 029424. Cunha Branco 021-R1. Collected 1978. Cultivated. Seed.
449904. 01201 029432. Cunha 124-R2. Collected 1978. Cultivated. Seed.
449905. 01201 029441. Maroto 134-R2. Collected 1978. Cultivated. Seed.
449906. 01201 029459. Comum 123-R2. Collected 1978. Cultivated. Seed.
449907. 01201 29467. Comum 079-R2. Collected 1978. Cultivated. Seed.
449908. 01201 029475. Comum 078-R2. Collected 1978. Cultivated.

449465 TO 450107-continued
Seed.

449909. 01201 029483. Comum 121-R2. Collected 1978. Cultivated.
Seed.
449910. 01201 029491. Comum 138-R2. Collected 1978. Cultivated.
Seed.
449911. 01201 029505. Comum 143-R2. Collected 1978. Cultivated.
Seed.
449912. 01201 029513. Branco Dentado 062-R1. Collected 1978.
Dente Branco Race. Cultivated. Seed.
449913. 01201 029521. Comum 132-R2. Collected 1978. Cultivated.
Seed.
449914. 01201 029530. Azteca 130-R2. Collected 1978. Cultivated.
Seed.
449915. 01201 029548. Comum 011-R2. Collected 1978. Cultivated.
Seed.
449916. 01201 029556. Comum 012-R2. Collected 1978. Cultivated.
Seed.
449917. 01201 029564. Comum 133-R2. Collected 1978. Cultivated.
Seed.
449918. 01201 029572. Azteca 086-R2. Collected 1978. Cultivated.
Seed.
449919. 01201 029581. Alho 101-R2. Collected 1978. Cultivated.
Seed.
449920. 01201 029599. Comum 136-R2. Collected 1978. Cultivated.
Seed.
449921. 01201 029602. Caiano 106-R2. Collected 1978. Cultivated.
Seed.
449922. 01201 029611. Comum 131-R2. Collected 1978. Cultivated.
Seed.
449923. 01201 029629. Comum 137-R2. Collected 1978. Cultivated.
Seed.
449924. 01201 029637. Caiano 105-R2. Collected 1978. Cultivated.
Seed.
449925. 01201 029645. Comum 110-R2. Collected 1978. Cultivated.
Seed.

449465 TO 450107-continued

449926. 01201 029653. Comum 107-R2. Collected 1978. Cultivated. Seed.
449927. 01201 029661. Argentino 084-R2. Argentina. Collected 1978. Cultivated. Seed.
449928. 01201 029670. Comum 040-R2. Collected 1978. Cultivated. Seed.
449929. 01201 029688. Azteca 113-R2. Collected 1978. Cultivated. Seed.
449930. 01201 029696. Jatina C3 Anao (F4). Collected 1977. Cultivated. Seed.
449931. 01201 029700. Amarelo de Pe A2. Collected 1979. Cultivated. Seed.
449932. 01201 029718. Doce cubano. Collected 1979. Cultivated. Seed.
449933. 01201 029726. Amarelao 122-R1. Collected 1978. Cultivated. Seed.
449934. 01201 029734. Branco Dentado 123-R1. Collected 1978. Dente Branco Race. Cultivated. Seed.
449935. 01201 029751. Composto Pipoca 107-R1. Collected 1978. Cultivated. Seed.
449936. 01201 029769. Crioulo 117-R1. Collected 1978. Cultivated. Seed.
449937. 01201 029777. Caiano 118-R1. Collected 1978. Cultivated. Seed.
449938. 01201 029785. Palha Roxa 128-R1. Collected 1978. Cultivated. Seed.
449939. 01201 029793. Pipoca Branco 127-R1. Collected 1978. Cultivated. Seed.
449940. 01201 029807. Pipoca Branco 110-R1. Collected 1978. Cultivated. Seed.
449941. 01201 029815. Amarelao 125-R1. Collected 1978. Cultivated. Seed.
449942. 01201 029823. Amarelao 110-R1. Collected 1978. Cultivated. Seed.
449943. 01201 029831. Azteca 111-R1. Collected 1978. Cultivated.

449465 TO 450107-continued
Seed.

449944. 01201 029840. Cateto Branco 114-R1. Collected 1978.
Cultivated. Seed.
449945. 01201 029858. Pipoca Amarelo 120-R1. Collected 1978.
Cultivated. Seed.
449946. 01201 029866. Pipoca Branco 115-R1. Collected 1978.
Cultivated. Seed.
449947. 01201 029874. Cateto Bela Vista 108-R1. Collected 1978.
Cultivated. Seed.
449948. 01201 029882. Palha Roxa 121-R1. Collected 1978.
Cultivated. Seed.
449949. 01201 029891. Saboro 126-R1. Collected 1978. Cultivated.
Seed.
449950. 01201 029904. Amarelao 101-R1. Collected 1978.
Cultivated. Seed.
449951. 01201 029912. Amarelao 104-R1. Collected 1978.
Cultivated. Seed.
449952. 01201 029921. Caiano 112-R1. Collected 1978. Cultivated.
Seed.
449953. 01201 029939. Roxo 124-R1. Collected 1978. Cultivated.
Seed.
449954. 01201 029947. Pipoca Branco 106-R1. Collected 1978.
Cultivated. Seed.
449955. 01201 029955. Crioulo 116-R1. Collected 1978. Cultivated.
Seed.
449956. 01201 029963. Amarelao 091-R1. Collected 1978.
Cultivated. Seed.
449957. 01201 029971. Amarelao 113-R1. Collected 1978.
Cultivated. Seed.
449958. 01201 029980. Palha Roxa 090-R1. Collected 1978.
Cultivated. Seed.
449959. 01201 029998. Branco Dentado 087-R1. Collected 1978.
Dente Branco Race. Cultivated. Seed.
449960. 01201 030007. Amarelao 098-R1. Collected 1978.
Cultivated. Seed.

449465 TO 450107-continued

449961. 01201 030015. Cateto de Anambai 096-R1. Collected 1978. Cultivated. Seed.
449962. 01201 030023. Vermelho 097-R1. Collected 1978. Cultivated. Seed.
449963. 01201 030031. Palha Roxa 086-R1. Collected 1978. Cultivated. Seed.
449964. 01201 030040. Chocho 094-R1. Collected 1978. Cultivated. Seed.
449965. 01201 030058. Caiano 089-R1. Collected 1978. Cultivated. Seed.
449966. 01201 030066. Azteca 129-R1. Collected 1978. Cultivated. Seed.
449967. 01201 030074. Palha Roxa 105-R1. Collected 1978. Cultivated. Seed.
449968. 01201 030082. Cunha 085-R1. Collected 1978. Cultivated. Seed.
449969. 01201 030091. Amarelao 068-R1. Collected 1978. Cultivated. Seed.
449970. 01201 030104. Azteca 069-R1. Collected 1978. Cultivated. Seed.
449971. 01201 030112. Amarelao 082-R1. Collected 1978. Cultivated. Seed.
449972. 01201 030121. Taguara 054-R1. Collected 1978. Cultivated. Seed.
449973. 01201 030139. Caiano 103-R1. Collected 1978. Cultivated. Seed.
449974. 01201 030147. Caiano 092-R1. Collected 1978. Cultivated. Seed.
449975. 01201 030155. Caiano 100-R1. Collected 1978. Cultivated. Seed.
449976. 01201 030163. Pipoca Amarelo 032-R1. Collected 1978. Cultivated. Seed.
449977. 01201 030171. Pipoca Laranja 031-R1. Collected 1978. Cultivated. Seed.
449978. 01201 030180. Caiano 080-R1. Collected 1978. Cultivated.

449465 TO 450107-continued
Seed.

449979. 01201 030198. Composto Pipoca 030-R1. Collected 1978.
Cultivated. Seed.
449980. 01201 030201. Cunha 081-R1. Collected 1978. Cultivated.
Seed.
449981. 01201 030210. Pipoca Laranja 058-R1. Collected 1978.
Cultivated. Seed.
449982. 01201 030228. Azteca 078-R1. Collected 1978. Cultivated.
Seed.
449983. 01201 030236. Branco Dentado 075-R1. Collected 1978.
Dente Branco Race. Cultivated. Seed.
449984. 01201 030244. Pipoca Branco 049-R1. Collected 1978.
Cultivated. Seed.
449985. 01201 030252. Azteca 057-R1. Collected 1978. Cultivated.
Seed.
449986. 01201 030261. Cunha 050-R1. Collected 1978. Cultivated.
Seed.
449987. 01201 030279. Branco Dentado 077-R1. Collected 1978.
Dente Branco Race. Cultivated. Seed.
449988. 01201 030287. Cateto Branco 028-R1. Collected 1978.
Cultivated. Seed.
449989. 01201 030295. Palha Roxa 034-R1. Collected 1978.
Cultivated. Seed.
449990. 01201 030309. Azteca 059-R1. Collected 1978. Cultivated.
Seed.
449991. 01201 030317. Palha Roxa 056-R1. Collected 1978.
Cultivated. Seed.
449992. 01201 030325. Azteca 035-R1. Collected 1978. Cultivated.
Seed.
449993. 01201 030333. Pipoca Branco 041-R1. Collected 1978.
Cultivated. Seed.
449994. 01201 030341. Pipoca Branco 040-R1. Collected 1978.
Cultivated. Seed.
449995. 01201 030350. Azteca 065-R1. Collected 1978. Cultivated.
Seed.

449465 TO 450107-continued

449996. 01201 030368. Composto Pipoca 066-R1. Collected 1978. Cultivated. Seed.
449997. 01201 030376. Pipoca Laranja 048-R1. Collected 1978. Cultivated. Seed.
449998. 01201 030384. Azteca 063-R1. Collected 1978. Cultivated. Seed.
449999. 01201 030392. Pipoca Branco 047-R1. Collected 1978. Cultivated. Seed.
450000. 01201 030414. Branco Dentado 007-R1. Collected 1978. Dente Branco Race. Cultivated. Seed.
450001. 01201 030422. Pintado 037-R1. Collected 1978. Cultivated. Seed.
450002. 01201 030431. Pipoca Branco 045-R1. Collected 1978. Cultivated. Seed.
450003. 01201 030449. Azteca 046-R1. Collected 1978. Cultivated. Seed.
450004. 01201 030457. Amarelao 079-R1. Collected 1978. Cultivated. Seed.
450005. 01201 030465. Pipoca Roxo 095-R1. Collected 1978. Cultivated. Seed.
450006. 01201 030473. Amarelao 072-R1. Collected 1978. Cultivated. Seed.
450007. 01201 030481. Amarelao 074-R1. Collected 1978. Cultivated. Seed.
450008. 01201 030490. Cunha 011-R1. Collected 1978. Cultivated. Seed.
450009. 01201 030503. Pipoca Roxo 010-R1. Collected 1978. Cultivated. Seed.
450010. 01201 030511. Comum Rosado 009-R1. Collected 1978. Cultivated. Seed.
450011. 01201 030520. Pipoca Branco 008-R1. Collected 1978. Cultivated. Seed.
450012. 01201 030538. Carazinho 003-R1. Collected 1978. Cultivated. Seed.
450013. 01201 030546. Cateto Branco 005-R1. Collected 1978.

449465 TO 450107-continued

- Cultivated. Seed.
450014. 01201 030554. Pipoca Roxo 039-R1. Collected 1978.
Cultivated. Seed.
450015. 01201 030562. Palha Fina 006-R1. Collected 1978.
Cultivated. Seed.
450016. 01201 030571. Pipoca Laranja 044-R1. Collected 1978.
Cultivated. Seed.
450017. 01201 030589. Pipoca Branco 043-R1. Collected 1978.
Cultivated. Seed.
450018. 01201 030597. Azteca 042-R1. Collected 1978. Cultivated.
Seed.
450019. 01201 030601. Pipoca Amarelo 038-R1. Collected 1978.
Cultivated. Seed.
450020. 01201 030619. Pipoca Branco 026-R1. Collected 1978.
Cultivated. Seed.
450021. 01201 030627. Caiano 018-R1. Collected 1978. Cultivated.
Seed.
450022. 01201 030635. Pipoca Laranja 014-R1. Collected 1978.
Cultivated. Seed.
450023. 01201 030643. Pipoca Branco 020-R1. Collected 1978.
Cultivated. Seed.
450024. 01201 030651. Pipoca Roxo 019-R1. Collected 1978.
Cultivated. Seed.
450025. 01201 030660. Azteca 064-R1. Collected 1978. Cultivated.
Seed.
450026. 01201 030678. Branco Dentado 012-R1. Collected 1978.
Dente Branco Race. Cultivated. Seed.
450027. 01201 030686. Palha Roxa 033-R1. Collected 1978.
Cultivated. Seed.
450028. 01201 030694. Palha Roxa 004-R1. Collected 1978.
Cultivated. Seed.
450029. 01201 030708. Composto Pipoca Cambui 002-R1. Collected
1978. Cultivated. Seed.
450030. 01201 030716. Pipoca Espinhenta 025-R1. Collected 1978.
Cultivated. Seed.

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450031. 01201 030724. Composto Pipoca 024-R1. Collected 1978. Cultivated. Seed.
450032. 01201 030732. Branco Dentado 029-R1. Collected 1978. Dente Branco Race. Cultivated. Seed.
450033. 01201 030741. Azteca 073-R1. Collected 1978. Cultivated. Seed.
450034. 01201 030759. Composto Pipoca 016-R1. Collected 1978. Cultivated. Seed.
450035. 01201 030767. Comum 139-R2. Collected 1978. Cultivated. Seed.
450036. 01201 030775. Azteca 141-R2. Collected 1978. Cultivated. Seed.
450037. 01201 030783. Branco 135-R2. Collected 1978. Cultivated. Seed.
450038. 01201 030791. Comum 068-R2. Collected 1978. Cultivated. Seed.
450039. 01201 030805. Argentino 108-R2. Argentina. Collected 1978. Cultivated. Seed.
450040. 01201 030813. Azteca 102-R2. Collected 1978. Cultivated. Seed.
450041. 01201 030821. Comum 109-R2. Collected 1978. Cultivated. Seed.
450042. 01201 030830. Comum 104-R2. Collected 1978. Cultivated. Seed.
450043. 01201 030848. Amarelao 128-R2. Collected 1978. Cultivated. Seed.
450044. 01201 030856. Cateto (Mistura) 103-R2. Collected 1978. Cateto Race. Cultivated. Seed.
450045. 01201 030864. Azteca 095-R2. Collected 1978. Cultivated. Seed.
450046. 01201 030872. Comum 096-R2. Collected 1978. Cultivated. Seed.
450047. 01201 030881. Cateto 097-R2. Collected 1978. Cateto Race. Cultivated. Seed.
450048. 01201 030899. Tres Meses 089-R2. Collected 1978.

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Cultivated. Seed.

450049. 01201 030902. Azteca 088-R2. Collected 1978. Cultivated. Seed.
450050. 01201 030911. Azteca 099-R2. Collected 1978. Cultivated. Seed.
450051. 01201 030929. Comum 094-R2. Collected 1978. Cultivated. Seed.
450052. 01201 030937. Cateto 093-R2. Collected 1978. Cateto Race. Cultivated. Seed.
450053. 01201 030953. Comum 046-R2. Collected 1978. Cultivated. Seed.
450054. 01201 030961. Azteca 081-R2. Collected 1978. Cultivated. Seed.
450055. 01201 030970. Sabuquinho 116-R2. Collected 1978. Cultivated. Seed.
450056. 01201 030988. Comum 117-R2. Collected 1978. Cultivated. Seed.
450057. 01201 030996. Comum 118-R2. Collected 1978. Cultivated. Seed.
450058. 01201 031003. Palha Roxa 004-R2. Collected 1978. Cultivated. Seed.
450059. 01201 031011. Tres Meses 069-R2. Collected 1978. Cultivated. Seed.
450060. 01201 031020. Tres Meses 071-R2. Collected 1978. Cultivated. Seed.
450061. 01201 031038. Comum 064-R2. Collected 1978. Cultivated. Seed.
450062. 01201 031046. Comum 072-R2. Collected 1978. Cultivated. Seed.
450063. 01201 031054. Comum 031-R2. Collected 1978. Cultivated. Seed.
450064. 01201 031062. Comum 001-R2. Collected 1978. Cultivated. Seed.
450065. 01201 031071. Comum 035-R2. Collected 1978. Cultivated. Seed.

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450066. 01201 031089. Estrada de Ferro 063-R2. Collected 1978. Cultivated. Seed.
450067. 01201 031097. Comum 018-R2. Collected 1978. Cultivated. Seed.
450068. 01201 031101. Comum 060-R2. Collected 1978. Cultivated. Seed.
450069. 01201 031119. Comum 039-R2. Collected 1978. Cultivated. Seed.
450070. 01201 031127. Palha Roxa 030-R2. Collected 1978. Cultivated. Seed.
450071. 01201 031135. Esalg VF-1. Collected 1976. Cultivated. Seed.
450072. 01201 031143. Alho 027-R2. Collected 1978. Cultivated. Seed.
450073. 01201 031151. Palha Roxa 002-R2. Collected 1978. Cultivated. Seed.
450074. 01201 031160. Comum 051-R2. Collected 1978. Cultivated. Seed.
450075. 01201 031178. Papo de Peru 050-R2. Peru. Collected 1978. Cultivated. Seed.
450076. 01201 031186. Comum 059-R2. Collected 1978. Cultivated. Seed.
450077. 01201 031194. Comum 062-R2. Collected 1978. Cultivated. Seed.
450078. 01201 031208. Brasil 2294. Collected 1979. Cultivated. Seed.
450079. 01201 031216. Dentado Composto SRR PR11. Collected 1971. Cultivated. Seed.
450080. 01201 031224. Composto Planta Baixa. Collected 1978. Cultivated. Seed.
450081. 01201 031232. Composto Duro 02 UFV. Collected 1978. Cultivated. Seed.
450082. 01201 031241. Amarelo Sertao. Collected 1979. Cultivated. Seed.
450083. 01201 031259. Semiduro Fundao A. L. Collected 1979.

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Cultivated. Seed.

450084. 01201 031267. Baier. Collected 1979. Cultivated. Seed.
450085. 01201 031275. Caiano. Collected 1978. Cultivated. Seed.
450086. 01201 031283. Azteca Prolifico V RPE VII. Collected 1978. Cultivated. Seed.
450087. 01201 031291. Pipoca Branco de Assis. Collected 1979. Cultivated. Seed.
450088. 01201 031305. MEB I. Collected 1979. Cultivated. Seed.
450089. 01201 031313. UFV 02. Collected 1979. Cultivated. Seed.
450090. 01201 031321. Maya XIII. Collected 1979. Cultivated. Seed.
450091. 01201 031330. Pirapoca Amarelo. Collected 1979. Cultivated. Seed.
450092. 01201 031348. Pirapoca Branco. Collected 1979. Cultivated. Seed.
450093. 01201 031356. Pipoca UFV Roxo. Collected 1979. Cultivated. Seed.
450094. 01201 031364. Doce Opaco. Collected 1979. Cultivated. Seed.
450095. 01201 031372. Verde de Pe A 1. Collected 1979. Cultivated. Seed.
450096. 01201 031381. Tuxpeno 1. Collected 1978. Cultivated. Seed.
450097. 01201 031399. Sintetico IPEACS. Collected 1979. Cultivated. Seed.
450098. 01201 031402. Pipoca IAEN - I. Collected 1979. Cultivated. Seed.
450099. 01201 031411. Pipoca IAEN - II. Collected 1979. Cultivated. Seed.
450100. 01201 031429. Pipoca IGEN - I. Collected 1979. Cultivated. Seed.
450101. 01201 031437. Pipoca Rosa-Amarelo. Collected 1979. Cultivated. Seed.
450102. 01201 031445. Pipoca Rosa-Roxo. Collected 1979.

449465 TO 450107-continued

Cultivated. Seed.

450103. 01201 031453. Palha Roxa Mantena. Collected 1979.
Cultivated. Seed.

450104. 01201 031461. Dentado Grao Mogol. Collected 1979.
Cultivated. Seed.

450105. 01201 031470. Dentado Composto Opaco 2. Collected 1978.
Cultivated. Seed.

450106. 01201 031488. Flint Composto Nordeste. Collected 1978.
Cultivated. Seed.

450107. 01201 031496. Dentado Composto Agua Santa. Collected
1978. Cultivated. Seed.

450108 TO 450175. Zea mays L. (Poaceae) Field corn.

From Brazil. Donated by Centro Nacional de Recursos Geneticos,
Empresa Brasileira de Pesquisa Agropecuaria, CEP 70.000 - Brasilia
DF.

Received October 1980.

450108. 01201 031585. Blando. Bolivia. Cobija. A. R. Miranda 59.
Cultivated. Seed.

450109. 01201 031593. Alaranjado. Rondonia, Federal Territory. A.
R. Miranda 99. Cultivated. Seed.

450110. 01201 031607. Branco. Rondonia, Federal Territory. A. R.
Miranda 101. Cultivated. Seed.

450111. 01201 031615. Branco. Rondonia, Federal Territory. A. R.
Miranda 103. Cultivated. Seed.

450112. 01201 031623. Branco. Rondonia, Federal Territory. A. R.
Miranda 104. Cultivated. Seed.

450113. 01201 031631. Mole. Rondonia, Federal Territory. A. R.
Miranda 105. Cultivated. Seed.

450114. 01201 031640. Amarelo. Rondonia, Federal Territory. A. R.
Miranda 106. Cultivated. Seed.

450115. 01201 031658. Vermelho. Rondonia, Federal Territory. A.
R. Miranda 107. Cultivated. Seed.

450116. 01201 031666. Pontinha. Rondonia, Federal Territory. A.
R. Miranda 108. Cultivated. Seed.

450117. 01201 031674. Branco. Rondonia, Federal Territory. A. R.

450108 TO 450175--continued

- Miranda 113. Cultivated. Seed.
450118. 01201 031682. Alho. Rondonia, Federal Territory. A. R. Miranda 114. Cultivated. Seed.
450119. 01201 031691. Mole. Rondonia, Federal Territory. A. R. Miranda 115. Cultivated. Seed.
450120. 01201 031704. Vermelho. Rondonia, Federal Territory. A. R. Miranda 121. Cultivated. Seed.
450121. 01201 031712. Roxo. Rondonia, Federal Territory. A. R. Miranda 122. Cultivated. Seed.
450122. 01201 031721. Amarelo. Rondonia, Federal Territory. A. R. Miranda 123. Cultivated. Seed.
450123. 01201 031739. Cubano. Rondonia, Federal Territory. A. R. Miranda 124. Cultivated. Seed.
450124. 01201 031755. Alho. Rondonia, Federal Territory. A. R. Miranda 127. Cultivated. Seed.
450125. 01201 031763. Comun. Rondonia, Federal Territory. A. R. Miranda 128. Cultivated. Seed.
450126. 01201 031771. Comun. Rondonia, Federal Territory. A. R. Miranda 129. Cultivated. Seed.
450127. 01201 031780. Massa. Rondonia, Federal Territory. A. R. Miranda 130. Cultivated. Seed.
450128. 01201 031798. Alho. Rondonia, Federal Territory. A. R. Miranda 131. Cultivated. Seed.
450129. 01201 031801. Alho. Rondonia, Federal Territory. A. R. Miranda 132. Cultivated. Seed.
450130. 01201 031810. Vermelhinho. Acre State. A. R. Miranda 38. Cultivated. Seed.
450131. 01201 031828. Comun. Acre State. A. R. Miranda 39. Cultivated. Seed.
450132. 01201 031836. Catetinho. Acre State. A. R. Miranda 40. Cultivated. Seed.
450133. 01201 031844. Branco. Acre State. A. R. Miranda 41. Cultivated. Seed.
450134. 01201 031852. Comun. Acre State. A. R. Miranda 42. Cultivated. Seed.

450108 TO 450175--continued

- 450135. 01201 031861. Comun. Acre State. A. R. Miranda 43.
Cultivated. Seed.
- 450136. 01201 031879. Comun. Acre State. A. R. Miranda 44.
Cultivated. Seed.
- 450137. 01201 031887. Palha Roxa. Acre State. A. R. Miranda 47.
Cultivated. Seed.
- 450138. 01201 031895. Branco. Acre State. A. R. Miranda 48.
Cultivated. Seed.
- 450139. 01201 031909. Madri Perola. Acre State. A. R. Miranda 50.
Cultivated. Seed.
- 450140. 01201 031917. Alho. Acre State. A. R. Miranda 51.
Cultivated. Seed.
- 450141. 01201 031925. Paulista. Acre State. A. R. Miranda 52.
Dente Paulista Race. Cultivated. Seed.
- 450142. 01201 031933. Alho. Acre State. A. R. Miranda 53.
Cultivated. Seed.
- 450143. 01201 031941. Alho. Acre State. A. R. Miranda 54.
Cultivated. Seed.
- 450144. 01201 031950. Palha Roxa Acreano. Acre State. A. R.
Miranda 54-A. Cultivated. Seed.
- 450145. 01201 031968. Comun. Acre State. A. R. Miranda 55.
Cultivated. Seed.
- 450146. 01201 031976. Comun. Acre State. A. R. Miranda 62.
Cultivated. Seed.
- 450147. 01201 031984. Comun. Acre State. A. R. Miranda 69.
Cultivated. Seed.
- 450148. 01201 031992. Comun. Acre State. A. R. Miranda 01.
Cultivated. Seed.
- 450149. 01201 032000. Comun. Acre State. A. R. Miranda 04.
Cultivated. Seed.
- 450150. 01201 032018. Comun. Acre State. A. R. Miranda 06.
Cultivated. Seed.
- 450151. 01201 032026. Branco. Acre State. A. R. Miranda 07.
Cultivated. Seed.
- 450152. 01201 032034. Comun. Acre State. A. R. Miranda 09.

450108 TO 450175-continued

Cultivated. Seed.

- 450153. 01201 032042. Alho. Acre State. A. R. Miranda 10.
Cultivated. Seed.
- 450154. 01201 032051. Alho. Acre State. A. R. Miranda 11.
Cultivated. Seed.
- 450155. 01201 032069. Comun. Acre State. A. R. Miranda 19.
Cultivated. Seed.
- 450156. 01201 032077. Comun. Acre State. A. R. Miranda 20.
Cultivated. Seed.
- 450157. 01201 032085. Comun. Acre State. A. R. Miranda 23.
Cultivated. Seed.
- 450158. 01201 032093. Comun. Acre State. A. R. Miranda 24.
Cultivated. Seed.
- 450159. 01201 032107. Comun. Acre State. A. R. Miranda 27.
Cultivated. Seed.
- 450160. 01201 032115. Comun. Acre State. A. R. Miranda 30.
Cultivated. Seed.
- 450161. 01201 032123. Comun. Acre State. A. R. Miranda 31.
Cultivated. Seed.
- 450162. 01201 032131. Boliviano. Bolivia. Acre State. A. R.
Miranda 34. Cultivated. Seed.
- 450163. 01201 032140. Comun. Acre State. A. R. Miranda 35.
Cultivated. Seed.
- 450164. 01201 032158. Comun. Acre State. A. R. Miranda 36.
Cultivated. Seed.
- 450165. 01201 032166. Catetinho. Acre State. A. R. Miranda 37.
Cultivated. Seed.
- 450166. 01201 032174. Comun. Acre State. A. R. Miranda 75.
Cultivated. Seed.
- 450167. 01201 032182. Massa. Acre State. A. R. Miranda 81.
Cultivated. Seed.
- 450168. 01201 032191. Duro. Acre State. A. R. Miranda 82.
Cultivated. Seed.
- 450169. 01201 032204. Alho. Acre State. A. R. Miranda 83.
Cultivated. Seed.

450108 TO 450175-continued

- 450170. 01201 032212. Comun. Acre State. A. R. Miranda 84. Cultivated. Seed.
- 450171. 01201 032221. Comun. Acre State. A. R. Miranda 85. Cultivated. Seed.
- 450172. 01201 032239. Comun. Acre State. A. R. Miranda 88. Cultivated. Seed.
- 450173. 01201 032247. Catiano. Acre State. A. R. Miranda 90. Cultivated. Seed.
- 450174. 01201 032255. Comun. Acre State. A. R. Miranda 93. Cultivated. Seed.
- 450175. 01201 032263. Comun. Acre State. A. R. Miranda 98. Cultivated. Seed.

450176 TO 450552. *Oryza glaberrima* Steud. (Poaceae) African rice.

From Nigeria. Donated by Genetic Resources Unit, International Institute of Tropical Agriculture (IITA), Ibadan.
Received October 1980.

- 450176. TOg 5290. Cultivated. Seed.
- 450177. TOg 5291. Cultivated. Seed.
- 450178. TOg 5299. Cultivated. Seed.
- 450179. TOg 5307. Cultivated. Seed.
- 450180. TOg 5326. Cultivated. Seed.
- 450181. TOg 5386. Cultivated. Seed.
- 450182. TOg 5403. Cultivated. Seed.
- 450183. TOg 5404. Cultivated. Seed.
- 450184. TOg 5417. Cultivated. Seed.
- 450185. TOg 5420. Cultivated. Seed.
- 450186. TOg 5434. Cultivated. Seed.
- 450187. TOg 5435. Cultivated. Seed.
- 450188. TOg 5453. Cultivated. Seed.
- 450189. TOg 5461. Cultivated. Seed.

450176 TO 450552-continued

- 450190. TOg 5467. Cultivated. Seed.
- 450191. TOg 5472. Cultivated. Seed.
- 450192. TOg 5473. Cultivated. Seed.
- 450193. TOg 5476. Cultivated. Seed.
- 450194. TOg 5495. Cultivated. Seed.
- 450195. TOg 5523. Cultivated. Seed.
- 450196. TOg 5524. Cultivated. Seed.
- 450197. TOg 5539. Cultivated. Seed.
- 450198. TOg 5548. Cultivated. Seed.
- 450199. TOg 5551. Cultivated. Seed.
- 450200. TOg 5556. Cultivated. Seed.
- 450201. TOg 5596. Cultivated. Seed.
- 450202. TOg 5599. Cultivated. Seed.
- 450203. TOg 5603. Mixed with *O. sativa*. Cultivated. Seed.
- 450204. TOg 5691. Cultivated. Seed.
- 450205. TOg 5692. Cultivated. Seed.
- 450206. TOg 5693. Cultivated. Seed.
- 450207. TOg 5787. Cultivated. Seed.
- 450208. TOg 5821. Cultivated. Seed.
- 450209. TOg 5828. Cultivated. Seed.
- 450210. TOg 5829. Cultivated. Seed.
- 450211. TOg 5831. Cultivated. Seed.
- 450212. TOg 5832. Cultivated. Seed.
- 450213. TOg 5833. Cultivated. Seed.
- 450214. TOg 5834. Cultivated. Seed.
- 450215. TOg 5835. Cultivated. Seed.

450176 TO 450552-continued

450216. TOg 5836. Cultivated. Seed.
450217. TOg 5837. Cultivated. Seed.
450218. TOg 5850. Cultivated. Seed.
450219. TOg 5860. Cultivated. Seed.
450220. TOg 5881. Cultivated. Seed.
450221. TOg 5882. Cultivated. Seed.
450222. TOg 5912. Cultivated. Seed.
450223. TOg 5923. Cultivated. Seed.
450224. TOg 5954. Cultivated. Seed.
450225. TOg 5960. Cultivated. Seed.
450226. TOg 5962. Cultivated. Seed.
450227. TOg 5979. Cultivated. Seed.
450228. TOg 5982. Cultivated. Seed.
450229. TOg 5983. Cultivated. Seed.
450230. TOg 5996. Cultivated. Seed.
450231. TOg 6013. Cultivated. Seed.
450232. TOg 6029. Cultivated. Seed.
450233. TOg 6033. Cultivated. Seed.
450234. TOg 6044. Cultivated. Seed.
450235. TOg 6045. Cultivated. Seed.
450236. TOg 6201. Cultivated. Seed.
450237. TOg 6203. Cultivated. Seed.
450238. TOg 6209. Cultivated. Seed.
450239. TOg 6213. Cultivated. Seed.
450240. TOg 6221. Cultivated. Seed.
450241. TOg 6226. Cultivated. Seed.

450176 TO 450552-continued

450242. TOg 6228. Cultivated. Seed.
450243. TOg 6231. Cultivated. Seed.
450244. TOg 6233. Cultivated. Seed.
450245. TOg 6238. Cultivated. Seed.
450246. TOg 6244. Cultivated. Seed.
450247. TOg 6245. Cultivated. Seed.
450248. TOg 6246. Cultivated. Seed.
450249. TOg 6247. Cultivated. Seed.
450250. TOg 6248. Cultivated. Seed.
450251. TOg 6249. Cultivated. Seed.
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450253. TOg 6251. Cultivated. Seed.
450254. TOg 6252. Cultivated. Seed.
450255. TOg 6253. Cultivated. Seed.
450256. TOg 6255. Cultivated. Seed.
450257. TOg 6257. Cultivated. Seed.
450258. TOg 6258. Cultivated. Seed.
450259. TOg 6259. Cultivated. Seed.
450260. TOg 6260. Cultivated. Seed.
450261. TOg 6262. Cultivated. Seed.
450262. TOg 6263. Cultivated. Seed.
450263. TOg 6264. Cultivated. Seed.
450264. TOg 6265. Cultivated. Seed.
450265. TOg 6266. Cultivated. Seed.
450266. TOg 6268. Cultivated. Seed.
450267. TOg 6269. Cultivated. Seed.

450176 TO 450552-continued

450268. TOg 6270. Cultivated. Seed.
450269. TOg 6271. Cultivated. Seed.
450270. TOg 6272. Cultivated. Seed.
450271. TOg 6273. Cultivated. Seed.
450272. TOg 6274. Cultivated. Seed.
450273. TOg 6275. Cultivated. Seed.
450274. TOg 6276. Cultivated. Seed.
450275. TOg 6280. Cultivated. Seed.
450276. TOg 6281. Cultivated. Seed.
450277. TOg 6288. Cultivated. Seed.
450278. TOg 6295. Cultivated. Seed.
450279. TOg 6300. Cultivated. Seed.
450280. TOg 6302. Cultivated. Seed.
450281. TOg 6303. Cultivated. Seed.
450282. TOg 6304. Cultivated. Seed.
450283. TOg 6305. Cultivated. Seed.
450284. TOg 6306. Cultivated. Seed.
450285. TOg 6307. Cultivated. Seed.
450286. TOg 6308. Cultivated. Seed.
450287. TOg 6309. Cultivated. Seed.
450288. TOg 6310. Cultivated. Seed.
450289. TOg 6311. Cultivated. Seed.
450290. TOg 6312. Cultivated. Seed.
450291. TOg 6314. Cultivated. Seed.
450292. TOg 6321. Cultivated. Seed.
450293. TOg 6322. Cultivated. Seed.

450176 TO 450552-continued

- 450294. TOg 6323. Cultivated. Seed.
- 450295. TOg 6324. Cultivated. Seed.
- 450296. TOg 6325. Cultivated. Seed.
- 450297. TOg 6326. Cultivated. Seed.
- 450298. TOg 6327. Cultivated. Seed.
- 450299. TOg 6328a. Cultivated. Seed.
- 450300. TOg 6328b. Cultivated. Seed.
- 450301. TOg 6329. Cultivated. Seed.
- 450302. TOg 6330. Cultivated. Seed.
- 450303. TOg 6331. Cultivated. Seed.
- 450304. TOg 6332. Cultivated. Seed.
- 450305. TOg 6333. Cultivated. Seed.
- 450306. TOg 6334. Cultivated. Seed.
- 450307. TOg 6335. Cultivated. Seed.
- 450308. TOg 6336. Cultivated. Seed.
- 450309. TOg 6337. Cultivated. Seed.
- 450310. TOg 6338. Cultivated. Seed.
- 450311. TOg 6339. Cultivated. Seed.
- 450312. TOg 6342. Cultivated. Seed.
- 450313. TOg 6365. Cultivated. Seed.
- 450314. TOg 6367. Cultivated. Seed.
- 450315. TOg 6392. Cultivated. Seed.
- 450316. TOg 6405. Cultivated. Seed.
- 450317. TOg 6422. Cultivated. Seed.
- 450318. TOg 6430. Cultivated. Seed.
- 450319. TOg 6461. Cultivated. Seed.

450176 TO 450552-continued

450320. TOg 6462. Cultivated. Seed.
450321. TOg 6464. Cultivated. Seed.
450322. TOg 6465. Cultivated. Seed.
450323. TOg 6466. Cultivated. Seed.
450324. TOg 6468. Cultivated. Seed.
450325. TOg 6469. Cultivated. Seed.
450326. TOg 6470. Cultivated. Seed.
450327. TOg 6471. Cultivated. Seed.
450328. TOg 6472. Cultivated. Seed.
450329. TOg 6473. Cultivated. Seed.
450330. TOg 6474. Cultivated. Seed.
450331. TOg 6510. Cultivated. Seed.
450332. TOg 6511. Cultivated. Seed.
450333. TOg 6512. Cultivated. Seed.
450334. TOg 6721. Cultivated. Seed.
450335. TOg 6804. Cultivated. Seed.
450336. TOg 6805. Cultivated. Seed.
450337. TOg 6807. Cultivated. Seed.
450338. TOg 6808. Cultivated. Seed.
450339. TOg 6810. Cultivated. Seed.
450340. TOg 6811. Cultivated. Seed.
450341. TOg 6813. Cultivated. Seed.
450342. TOg 6814. Cultivated. Seed.
450343. TOg 6815. Cultivated. Seed.
450344. TOg 6816. Cultivated. Seed.
450345. TOg 6817. Cultivated. Seed.

450176 TO 450552-continued

450346. TOg 6916. Cultivated. Seed.
450347. TOg 6917. Cultivated. Seed.
450348. TOg 6943. Cultivated. Seed.
450349. TOg 6946. Cultivated. Seed.
450350. TOg 6951. Cultivated. Seed.
450351. TOg 7001. Cultivated. Seed.
450352. TOg 7020. Cultivated. Seed.
450353. TOg 7025. Cultivated. Seed.
450354. TOg 7032. Cultivated. Seed.
450355. TOg 7047. Cultivated. Seed.
450356. TOg 7048. Cultivated. Seed.
450357. TOg 7093. Cultivated. Seed.
450358. TOg 7094. Cultivated. Seed.
450359. TOg 7095. Cultivated. Seed.
450360. TOg 7097. Cultivated. Seed.
450361. TOg 7098. Cultivated. Seed.
450362. TOg 7099. Cultivated. Seed.
450363. TOg 7100. Cultivated. Seed.
450364. TOg 7101. Cultivated. Seed.
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450366. TOg 7103. Cultivated. Seed.
450367. TOg 7104. Cultivated. Seed.
450368. TOg 7105. Cultivated. Seed.
450369. TOg 7106. Cultivated. Seed.
450370. TOg 7108. Cultivated. Seed.
450371. TOg 7109. Cultivated. Seed.

450176 TO 450552-continued

450372. TOg 7110. Cultivated. Seed.
450373. TOg 7111. Cultivated. Seed.
450374. TOg 7112. Cultivated. Seed.
450375. TOg 7113. Cultivated. Seed.
450376. TOg 7114. Cultivated. Seed.
450377. TOg 7115. Cultivated. Seed.
450378. TOg 7116. Cultivated. Seed.
450379. TOg 7117. Cultivated. Seed.
450380. TOg 7118. Cultivated. Seed.
450381. TOg 7119. Cultivated. Seed.
450382. TOg 7120. Cultivated. Seed.
450383. TOg 7121. Cultivated. Seed.
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450395. TOg 7134. Cultivated. Seed.
450396. TOg 7135. Cultivated. Seed.
450397. TOg 7136. Cultivated. Seed.

450176 TO 450552-continued

- 450398. TOg 7137. Cultivated. Seed.
- 450399. TOg 7138. Cultivated. Seed.
- 450400. TOg 7139. Cultivated. Seed.
- 450401. TOg 7140. Cultivated. Seed.
- 450402. TOg 7141. Cultivated. Seed.
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- 450416. TOg 7157. Cultivated. Seed.
- 450417. TOg 7158. Cultivated. Seed.
- 450418. TOg 7159. Cultivated. Seed.
- 450419. TOg 7160a. Cultivated. Seed.
- 450420. TOg 7160b. Cultivated. Seed.
- 450421. TOg 7161A. Cultivated. Seed.
- 450422. TOg 7161B. Cultivated. Seed.
- 450423. TOg 7162A. Cultivated. Seed.

450176 TO 450552-continued

450424. TOg 7162B. Cultivated. Seed.
450425. TOg 7163. Cultivated. Seed.
450426. TOg 7164. Cultivated. Seed.
450427. TOg 7165. Cultivated. Seed.
450428. TOg 7167. Cultivated. Seed.
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450449. TOg 7193. Cultivated. Seed.

450176 TO 450552-continued

450450. TOg 7194. Cultivated. Seed.
450451. TOg 7195. Cultivated. Seed.
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450469. TOg 7213. Cultivated. Seed.
450470. TOg 7214. Cultivated. Seed.
450471. TOg 7215. Cultivated. Seed.
450472. TOg 7216. Cultivated. Seed.
450473. TOg 7217. Cultivated. Seed.
450474. TOg 7218. Cultivated. Seed.
450475. TOg 7219. Cultivated. Seed.

450176 TO 450552-continued

450476. TOg 7220. Cultivated. Seed.
450477. TOg 7221. Cultivated. Seed.
450478. TOg 7222. Cultivated. Seed.
450479. TOg 7223. Cultivated. Seed.
450480. TOg 7224. Cultivated. Seed.
450481. TOg 7225. Cultivated. Seed.
450482. TOg 7226. Cultivated. Seed.
450483. TOg 7227. Cultivated. Seed.
450484. TOg 7228. Cultivated. Seed.
450485. TOg 7229. Cultivated. Seed.
450486. TOg 7230. Cultivated. Seed.
450487. TOg 7231. Cultivated. Seed.
450488. TOg 7232. Cultivated. Seed.
450489. TOg 7233. Cultivated. Seed.
450490. TOg 7234. Cultivated. Seed.
450491. TOg 7235. Cultivated. Seed.
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450500. TOg 7244. Cultivated. Seed.
450501. TOg 7245. Cultivated. Seed.

450176 TO 450552-continued

450502. TOg 7246. Cultivated. Seed.
450503. TOg 7247. Cultivated. Seed.
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450505. TOg 7249. Cultivated. Seed.
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450527. TOg 7274. Cultivated. Seed.

450176 TO 450552-continued

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450531. TOg 7278. Cultivated. Seed.
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450548. TOg 7299. Cultivated. Seed.
450549. TOg 7300. Cultivated. Seed.
450550. TOg 7312. Cultivated. Seed.
450551. TOg 7313. Cultivated. Seed.
450552. TOg 7314. Cultivated. Seed.

450553 TO 451689. *Cicer arietinum* L. (Fabaceae) Chickpea.

From India. Donated by Regional Pulse Improvement Project, Agency for International Development & U.S. Dept. of Agriculture, New Delhi. Received October 1980.

- 450553. 12-002-04235. Afghanistan. Seed.
- 450554. 12-002-04248. Afghanistan. Seed.
- 450555. 12-069-00001. India. Seed.
- 450556. 12-069-00003. India. Seed.
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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

- 450863. 12-069-01561. India. Seed.
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- 450868. 12-069-01597. India. Seed.
- 450869. 12-069-01668. India. Seed.
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- 450871. 12-069-01762. India. Seed.
- 450872. 12-069-04236a. India. Seeds tan. Seed.
- 450873. 12-069-04236b. India. Seeds black. Seed.
- 450874. 12-069-04239. India. Seed.
- 450875. 12-069-04241. India. Seed.
- 450876. 12-069-06093. India. Seed.
- 450877. 12-069-06180. India. Seed.
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- 450887. 12-069-07027. India. Seed.
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450553 TO 451689-continued

- 450889. 12-069-07065. India. Seed.**
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- 450891. 12-071-01839. Iran. Seed.**
- 450892. 12-071-01840. Iran. Seed.**
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- 450907. 12-071-01982. Iran. Seed.**
- 450908. 12-071-01992. Iran. Seed.**
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- 450910. 12-071-02019. Iran. Seed.**
- 450911. 12-071-02055a. Iran. Seeds white. Seed.**
- 450912. 12-071-02055b. Iran. Seeds tan. Seed.**
- 450913. 12-071-02075. Iran. Seed.**
- 450914. 12-071-02089. Iran. Seed.**

450553 TO 451689-continued

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450553 TO 451689-continued

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450553 TO 451689-continued

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450976. 12-071-03252. Iran. Seed.
450977. 12-071-03258. Iran. Seed.
450978. 12-071-03260. Iran. Seed.
450979. 12-071-03271. Iran. Seed.
450980. 12-071-03289. Iran. Seed.
450981. 12-071-03299. Iran. Seed.
450982. 12-071-03311. Iran. Seed.
450983. 12-071-03313. Iran. Seed.
450984. 12-071-03342. Iran. Seed.
450985. 12-071-03364. Iran. Seed.
450986. 12-071-03376. Iran. Seed.
450987. 12-071-03381. Iran. Seed.
450988. 12-071-03389. Iran. Seed.
450989. 12-071-03399. Iran. Seed.
450990. 12-071-03403. Iran. Seed.
450991. 12-071-03405. Iran. Seed.
450992. 12-071-03408. Iran. Seed.

450553 TO 451689-continued

450993. 12-071-03409. Iran. Seed.
450994. 12-071-03411. Iran. Seed.
450995. 12-071-03422. Iran. Seed.
450996. 12-071-03428. Iran. Seed.
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450998. 12-071-03440. Iran. Seed.
450999. 12-071-03448. Iran. Seed.
451000. 12-071-03458. Iran. Seed.
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451002. 12-071-03462. Iran. Seed.
451003. 12-071-03480. Iran. Seed.
451004. 12-071-03484. Iran. Seed.
451005. 12-071-03493. Iran. Seed.
451006. 12-071-03504. Iran. Seed.
451007. 12-071-03546. Iran. Seed.
451008. 12-071-03570. Iran. Seed.
451009. 12-071-03579. Iran. Seed.
451010. 12-071-03584. Iran. Seed.
451011. 12-071-03585. Iran. Seed.
451012. 12-071-03613. Iran. Seed.
451013. 12-071-03625. Iran. Seed.
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451015. 12-071-03629. Iran. Seed.
451016. 12-071-03630. Iran. Seed.
451017. 12-071-03631. Iran. Seed.
451018. 12-071-03633. Iran. Seed.

450553 TO 451689-continued

451019. 12-071-03634. Iran. Seed.
451020. 12-071-03635. Iran. Seed.
451021. 12-071-03638. Iran. Seed.
451022. 12-071-03639. Iran. Seed.
451023. 12-071-03640. Iran. Seed.
451024. 12-071-03645. Iran. Seed.
451025. 12-071-03646. Iran. Seed.
451026. 12-071-03651. Iran. Seed.
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451038. 12-071-03671. Iran. Seed.
451039. 12-071-03672. Iran. Seed.
451040. 12-071-03673. Iran. Seed.
451041. 12-071-03675. Iran. Seed.
451042. 12-071-03676. Iran. Seed.
451043. 12-071-03679. Iran. Seed.
451044. 12-071-03680. Iran. Seed.

450553 TO 451689-continued

451045. 12-071-03681. Iran. Seed.
451046. 12-071-03682. Iran. Seed.
451047. 12-071-03683. Iran. Seed.
451048. 12-071-03685. Iran. Seed.
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451068. 12-071-03715. Iran. Seed.
451069. 12-071-03718. Iran. Seed.
451070. 12-071-03719. Iran. Seed.

450553 TO 451689-continued

451071. 12-071-03720. Iran. Seed.
451072. 12-071-03721. Iran. Seed.
451073. 12-071-03722. Iran. Seed.
451074. 12-071-03723. Iran. Seed.
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451080. 12-071-03731. Iran. Seed.
451081. 12-071-03732. Iran. Seed.
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451084. 12-071-03736. Iran. Seed.
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451089. 12-071-03744. Iran. Seed.
451090. 12-071-03745. Iran. Seed.
451091. 12-071-03746. Iran. Seed.
451092. 12-071-03748. Iran. Seed.
451093. 12-071-03750. Iran. Seed.
451094. 12-071-03751. Iran. Seed.
451095. 12-071-03752. Iran. Seed.
451096. 12-071-03753. Iran. Seed.

450553 TO 451689-continued

- 451097. 12-071-03754. Iran. Seed.
- 451098. 12-071-03755. Iran. Seed.
- 451099. 12-071-03756. Iran. Seed.
- 451100. 12-071-03758. Iran. Seed.
- 451101. 12-071-03759. Iran. Seed.
- 451102. 12-071-03760. Iran. Seed.
- 451103. 12-071-03761. Iran. Seed.
- 451104. 12-071-03762. Iran. Seed.
- 451105. 12-071-03763. Iran. Seed.
- 451106. 12-071-03764. Iran. Seed.
- 451107. 12-071-03766. Iran. Seed.
- 451108. 12-071-03768. Iran. Seed.
- 451109. 12-071-03769. Iran. Seed.
- 451110. 12-071-03771. Iran. Seed.
- 451111. 12-071-03773. Iran. Seed.
- 451112. 12-071-03775. Iran. Seed.
- 451113. 12-071-03776a. Iran. Seeds white. Seed.
- 451114. 12-071-03776b. Iran. Seeds light tan. Seed.
- 451115. 12-071-03778. Iran. Seed.
- 451116. 12-071-03779. Iran. Seed.
- 451117. 12-071-03781. Iran. Seed.
- 451118. 12-071-03782. Iran. Seed.
- 451119. 12-071-03783. Iran. Seed.
- 451120. 12-071-03784. Iran. Seed.
- 451121. 12-071-03785. Iran. Seed.
- 451122. 12-071-03786. Iran. Seed.

450553 TO 451689-continued

451123. 12-071-03788. Iran. Seed.
451124. 12-071-03789. Iran. Seed.
451125. 12-071-03790. Iran. Seed.
451126. 12-071-03792. Iran. Seed.
451127. 12-071-03793. Iran. Seed.
451128. 12-071-03794. Iran. Seed.
451129. 12-071-03795. Iran. Seed.
451130. 12-071-03796. Iran. Seed.
451131. 12-071-06798. Iran. Seed.
451132. 12-071-03799. Iran. Seed.
451133. 12-071-03800. Iran. Seed.
451134. 12-071-03801. Iran. Seed.
451135. 12-071-03802. Iran. Seed.
451136. 12-071-03803. Iran. Seed.
451137. 12-071-03804. Iran. Seed.
451138. 12-071-03805. Iran. Seed.
451139. 12-071-03806. Iran. Seed.
451140. 12-071-03808. Iran. Seed.
451141. 12-071-03809. Iran. Seed.
451142. 12-071-03810. Iran. Seed.
451143. 12-071-03811. Iran. Seed.
451144. 12-071-03812. Iran. Seed.
451145. 12-071-03813. Iran. Seed.
451146. 12-071-03814. Iran. Seed.
451147. 12-071-03815. Iran. Seed.
451148. 12-071-03816. Iran. Seed.

450553 TO 451689-continued

451149. 12-071-03818. Iran. Seed.
451150. 12-071-03819. Iran. Seed.
451151. 12-071-03820. Iran. Seed.
451152. 12-071-03821. Iran. Seed.
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451170. 12-071-03842. Iran. Seed.
451171. 12-071-03843. Iran. Seed.
451172. 12-071-03844. Iran. Seed.
451173. 12-071-03846. Iran. Seed.
451174. 12-071-03849. Iran. Seed.

450553 TO 451689-continued

451175. 12-071-03850. Iran. Seed.
451176. 12-071-03852. Iran. Seed.
451177. 12-071-03853. Iran. Seed.
451178. 12-071-03854. Iran. Seed.
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451181. 12-071-03859. Iran. Seed.
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451183. 12-071-03861. Iran. Seed.
451184. 12-071-03862. Iran. Seed.
451185. 12-071-03863. Iran. Seed.
451186. 12-071-03865. Iran. Seed.
451187. 12-071-03866. Iran. Seed.
451188. 12-071-03868. Iran. Seed.
451189. 12-071-03869. Iran. Seed.
451190. 12-071-03870. Iran. Seed.
451191. 12-071-03871. Iran. Seed.
451192. 12-071-03873. Iran. Seed.
451193. 12-071-03874. Iran. Seed.
451194. 12-071-03875. Iran. Seed.
451195. 12-071-03878. Iran. Seed.
451196. 12-071-03879. Iran. Seed.
451197. 12-071-03880. Iran. Seed.
451198. 12-071-03881. Iran. Seed.
451199. 12-071-03882. Iran. Seed.
451200. 12-071-03883. Iran. Seed.

450553 TO 451689-continued

451201. 12-071-03884. Iran. Seed.
451202. 12-071-03885. Iran. Seed.
451203. 12-071-03886. Iran. Seed.
451204. 12-071-03889. Iran. Seed.
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451211. 12-071-03898. Iran. Seed.
451212. 12-071-03899. Iran. Seed.
451213. 12-071-03901. Iran. Seed.
451214. 12-071-03902. Iran. Seed.
451215. 12-071-03903. Iran. Seed.
451216. 12-071-03904. Iran. Seed.
451217. 12-071-03906. Iran. Seed.
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451224. 12-071-03915. Iran. Seed.
451225. 12-071-03918. Iran. Seed.
451226. 12-071-03919. Iran. Seed.

450553 TO 451689-continued

451227. 12-071-03920. Iran. Seed.
451228. 12-071-03921. Iran. Seed.
451229. 12-071-03922. Iran. Seed.
451230. 12-071-03923. Iran. Seed.
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451234. 12-071-03929. Iran. Seed.
451235. 12-071-03930. Iran. Seed.
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451244. 12-071-03941. Iran. Seed.
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451251. 12-071-03951. Iran. Seed.
451252. 12-071-03952. Iran. Seed.

450553 TO 451689-continued

451253. 12-071-03953. Iran. Seed.
451254. 12-071-03954. Iran. Seed.
451255. 12-071-03955. Iran. Seed.
451256. 12-071-03956. Iran. Seed.
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451261. 12-071-03963. Iran. Seed.
451262. 12-071-03965. Iran. Seed.
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451265. 12-071-03969. Iran. Seed.
451266. 12-071-03970. Iran. Seed.
451267. 12-071-03972. Iran. Seed.
451268. 12-071-03973. Iran. Seed.
451269. 12-071-03974. Iran. Seed.
451270. 12-071-03976. Iran. Seed.
451271. 12-071-03978. Iran. Seed.
451272. 12-071-03980. Iran. Seed.
451273. 12-071-03981. Iran. Seed.
451274. 12-071-03983. Iran. Seed.
451275. 12-071-03984. Iran. Seed.
451276. 12-071-03985. Iran. Seed.
451277. 12-071-03986. Iran. Seed.
451278. 12-071-03988. Iran. Seed.

450553 TO 451689-continued

- 451279. 12-071-03990. Iran. Seed.**
- 451280. 12-071-03991. Iran. Seed.**
- 451281. 12-071-03992. Iran. Seed.**
- 451282. 12-071-03993. Iran. Seed.**
- 451283. 12-071-03994. Iran. Seed.**
- 451284. 12-071-03995. Iran. Seed.**
- 451285. 12-071-03998. Iran. Seed.**
- 451286. 12-071-04000. Iran. Seed.**
- 451287. 12-071-04002a. Iran. Seeds small, tan. Seed.**
- 451288. 12-071-04002b. Iran. Seeds white. Seed.**
- 451289. 12-071-04005. Iran. Seed.**
- 451290. 12-071-04006. Iran. Seed.**
- 451291. 12-071-04008. Iran. Seed.**
- 451292. 12-071-04010. Iran. Seed.**
- 451293. 12-071-04011. Iran. Seed.**
- 451294. 12-071-04012. Iran. Seed.**
- 451295. 12-071-04013. Iran. Seed.**
- 451296. 12-071-04015. Iran. Seed.**
- 451297. 12-071-04016. Iran. Seed.**
- 451298. 12-071-04019. Iran. Seed.**
- 451299. 12-071-04020. Iran. Seed.**
- 451300. 12-071-04021. Iran. Seed.**
- 451301. 12-071-04022. Iran. Seed.**
- 451302. 12-071-04023. Iran. Seed.**
- 451303. 12-071-04024. Iran. Seed.**
- 451304. 12-071-04025. Iran. Seed.**

450553 TO 451689-continued

451305. 12-071-04026. Iran. Seed.
451306. 12-071-04028. Iran. Seed.
451307. 12-071-04031. Iran. Seed.
451308. 12-071-04032. Iran. Seed.
451309. 12-071-04033. Iran. Seed.
451310. 12-071-04034. Iran. Seed.
451311. 12-071-04036. Iran. Seed.
451312. 12-071-04038. Iran. Seed.
451313. 12-071-04039. Iran. Seed.
451314. 12-071-04040. Iran. Seed.
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451316. 12-071-04042. Iran. Seed.
451317. 12-071-04043. Iran. Seed.
451318. 12-071-04044. Iran. Seed.
451319. 12-071-04045. Iran. Seed.
451320. 12-071-04046. Iran. Seed.
451321. 12-071-04048. Iran. Seed.
451322. 12-071-04049. Iran. Seed.
451323. 12-071-04050. Iran. Seed.
451324. 12-071-04053. Iran. Seed.
451325. 12-071-04054. Iran. Seed.
451326. 12-071-04060. Iran. Seed.
451327. 12-071-04061. Iran. Seed.
451328. 12-071-04064. Iran. Seed.
451329. 12-071-04065. Iran. Seed.
451330. 12-071-04066. Iran. Seed.

450553 TO 451689-continued

- 451331. 12-071-04069. Iran. Seed.
- 451332. 12-071-04070. Iran. Seed.
- 451333. 12-071-04071. Iran. Seed.
- 451334. 12-071-04073. Iran. Seed.
- 451335. 12-071-04080. Iran. Seed.
- 451336. 12-071-04084. Iran. Seed.
- 451337. 12-071-04085. Iran. Seed.
- 451338. 12-071-04258. Iran. Seed.
- 451339. 12-071-04263. Iran. Seed.
- 451340. 12-071-04266. Iran. Seed.
- 451341. 12-071-04270. Iran. Seed.
- 451342. 12-071-04273. Iran. Seed.
- 451343. 12-071-04275. Iran. Seed.
- 451344. 12-071-04279a. Iran. Seeds tan. Seed.
- 451345. 12-071-04279b. Iran. Seeds black. Seed.
- 451346. 12-071-04282. Iran. Seed.
- 451347. 12-071-04283a. Iran. Seeds tan. Seed.
- 451348. 12-071-04283b. Iran. Seeds black. Seed.
- 451349. 12-071-04286. Iran. Seed.
- 451350. 12-071-04287. Iran. Seed.
- 451351. 12-071-04288. Iran. Seed.
- 451352. 12-071-04289. Iran. Seed.
- 451353. 12-071-04290. Iran. Seed.
- 451354. 12-071-04291. Iran. Seed.
- 451355. 12-071-04295. Iran. Seed.
- 451356. 12-071-04299. Iran. Seed.

450553 TO 451689-continued

- 451357. 12-071-04300. Iran. Seed.
- 451358. 12-071-04302. Iran. Seed.
- 451359. 12-071-04308. Iran. Seed.
- 451360. 12-071-04309. Iran. Seed.
- 451361. 12-071-04310. Iran. Seed.
- 451362. 12-071-04311. Iran. Seed.
- 451363. 12-071-04312. Iran. Seed.
- 451364. 12-071-04313. Iran. Seed.
- 451365. 12-071-04316. Iran. Seed.
- 451366. 12-071-04319. Iran. Seed.
- 451367. 12-071-04320. Iran. Seed.
- 451368. 12-071-04321. Iran. Seed.
- 451369. 12-071-04322. Iran. Seed.
- 451370. 12-071-04329. Iran. Seed.
- 451371. 12-071-04330. Iran. Seed.
- 451372. 12-071-04331. Iran. Seed.
- 451373. 12-071-04333a. Iran. Seeds tan. Seed.
- 451374. 12-071-04333b. Iran. Seeds black. Seed.
- 451375. 12-071-04335. Iran. Seed.
- 451376. 12-071-04336. Iran. Seed.
- 451377. 12-071-04341. Iran. Seed.
- 451378. 12-071-04344. Iran. Seed.
- 451379. 12-071-04348. Iran. Seed.
- 451380. 12-071-04349a. Iran. Seeds tan. Seed.
- 451381. 12-071-04349b. Iran. Seeds black. Seed.
- 451382. 12-071-04351. Iran. Seed.

450553 TO 451689-continued

- 451383. 12-071-04356. Iran. Seed.
- 451384. 12-071-04359. Iran. Seed.
- 451385. 12-071-04360. Iran. Seed.
- 451386. 12-071-04363. Iran. Seed.
- 451387. 12-071-04366a. Iran. Seeds brown. Seed.
- 451388. 12-071-04366b. Iran. Seeds black. Seed.
- 451389. 12-071-04367. Iran. Seed.
- 451390. 12-071-04369. Iran. Seed.
- 451391. 12-071-04373. Iran. Seed.
- 451392. 12-071-04375. Iran. Seed.
- 451393. 12-071-04377. Iran. Seed.
- 451394. 12-071-04380. Iran. Seed.
- 451395. 12-071-04432. Iran. Seed.
- 451396. 12-071-04439. Iran. Seed.
- 451397. 12-071-04441. Iran. Seed.
- 451398. 12-071-04455. Iran. Seed.
- 451399. 12-071-04462. Iran. Seed.
- 451400. 12-071-04478. Iran. Seed.
- 451401. 12-071-04482. Iran. Seed.
- 451402. 12-071-04488. Iran. Seed.
- 451403. 12-071-04509. Iran. Seed.
- 451404. 12-071-04526. Iran. Seed.
- 451405. 12-071-04555. Iran. Seed.
- 451406. 12-071-04570. Iran. Seed.
- 451407. 12-071-04618. Iran. Seed.
- 451408. 12-071-04623. Iran. Seed.

450553 TO 451689-continued

451409. 12-071-04665. Iran. Seed.
451410. 12-071-04667. Iran. Seed.
451411. 12-071-04671. Iran. Seed.
451412. 12-071-04711. Iran. Seed.
451413. 12-071-04715. Iran. Seed.
451414. 12-071-04717. Iran. Seed.
451415. 12-071-04758. Iran. Seed.
451416. 12-071-04766. Iran. Seed.
451417. 12-071-04767. Iran. Seed.
451418. 12-071-04808. Iran. Seed.
451419. 12-071-04813. Iran. Seed.
451420. 12-071-04815. Iran. Seed.
451421. 12-071-04816. Iran. Seed.
451422. 12-071-04965. Iran. Seed.
451423. 12-071-05006. Iran. Seed.
451424. 12-071-05061. Iran. Seed.
451425. 12-071-05093. Iran. Seed.
451426. 12-071-05097. Iran. Seed.
451427. 12-071-05101. Iran. Seed.
451428. 12-071-05107. Iran. Seed.
451429. 12-071-05113. Iran. Seed.
451430. 12-071-05115. Iran. Seed.
451431. 12-071-05117. Iran. Seed.
451432. 12-071-05132. Iran. Seed.
451433. 12-071-05153. Iran. Seed.
451434. 12-071-05157. Iran. Seed.

450553 TO 451689-continued

451435. 12-071-05162. Iran. Seed.
451436. 12-071-05165. Iran. Seed.
451437. 12-071-05221. Iran. Seed.
451438. 12-071-05247. Iran. Seed.
451439. 12-071-05301. Iran. Seed.
451440. 12-071-05320. Iran. Seed.
451441. 12-071-05331. Iran. Seed.
451442. 12-071-05352. Iran. Seed.
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451447. 12-071-05466. Iran. Seed.
451448. 12-071-05472. Iran. Seed.
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451450. 12-071-05475. Iran. Seed.
451451. 12-071-06653. Iran. Seed.
451452. 12-071-06654. Iran. Seed.
451453. 12-071-06655. Iran. Seed.
451454. 12-071-06656. Iran. Seed.
451455. 12-071-06876. Iran. Seed.
451456. 12-071-06877. Iran. Seed.
451457. 12-071-06878. Iran. Seed.
451458. 12-071-06879. Iran. Seed.
451459. 12-071-06880. Iran. Seed.
451460. 12-071-06881. Iran. Seed.

450553 TO 451689-continued

451461. 12-071-06882. Iran. Seed.
451462. 12-071-06883. Iran. Seed.
451463. 12-071-06884. Iran. Seed.
451464. 12-071-06885. Iran. Seed.
451465. 12-071-06886. Iran. Seed.
451466. 12-071-06887. Iran. Seed.
451467. 12-071-06888. Iran. Seed.
451468. 12-071-06889. Iran. Seed.
451469. 12-071-06890. Iran. Seed.
451470. 12-071-06892. Iran. Seed.
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451478. 12-071-06903. Iran. Seed.
451479. 12-071-06904. Iran. Seed.
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451481. 12-071-06907. Iran. Seed.
451482. 12-071-06908. Iran. Seed.
451483. 12-071-06909. Iran. Seed.
451484. 12-071-06910. Iran. Seed.
451485. 12-071-06911. Iran. Seed.
451486. 12-071-06912. Iran. Seed.

450553 TO 451689-continued

451487. 12-071-06913. Iran. Seed.
451488. 12-071-06914. Iran. Seed.
451489. 12-071-06916. Iran. Seed.
451490. 12-071-06917. Iran. Seed.
451491. 12-071-06918. Iran. Seed.
451492. 12-071-06919. Iran. Seed.
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451511. 12-071-06939. Iran. Seed.
451512. 12-071-06940. Iran. Seed.

450553 TO 451689-continued

451513. 12-071-06941. Iran. Seed.
451514. 12-071-06942. Iran. Seed.
451515. 12-071-06943. Iran. Seed.
451516. 12-071-06944. Iran. Seed.
451517. 12-071-06945. Iran. Seed.
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451537. 12-071-06989. Iran. Seed.
451538. 12-071-06990. Iran. Seed.

450553 TO 451689-continued

451539. 12-071-06991. Iran. Seed.
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451548. 12-071-07000. Iran. Seed.
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451560. 12-071-07012. Iran. Seed.
451561. 12-071-07013. Iran. Seed.
451562. 12-071-07014. Iran. Seed.
451563. 12-071-07015. Iran. Seed.
451564. 12-071-07016. Iran. Seed.

450553 TO 451689-continued

451565. 12-071-07017. Iran. Seed.
451566. 12-071-07018. Iran. Seed.
451567. 12-071-07019. Iran. Seed.
451568. 12-071-07020. Iran. Seed.
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451586. 12-071-07040. Iran. Seed.
451587. 12-071-07041. Iran. Seed.
451588. 12-071-07042. Iran. Seed.
451589. 12-071-07043. Iran. Seed.
451590. 12-071-07044. Iran. Seed.

450553 TO 451689-continued

451591. 12-071-07045. Iran. Seed.
451592. 12-071-07046. Iran. Seed.
451593. 12-071-07047. Iran. Seed.
451594. 12-071-07048. Iran. Seed.
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451609. 12-071-10013. Iran. Seed.
451610. 12-071-10014. Iran. Seed.
451611. 12-071-10015. Iran. Seed.
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451613. 12-071-10017. Iran. Seed.
451614. 12-071-10020. Iran. Seed.
451615. 12-071-10025. Iran. Seed.
451616. 12-071-10026. Iran. Seed.

450553 TO 451689-continued

451617. 12-071-10029. Iran. Seed.
451618. 12-071-10031. Iran. Seed.
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451622. 12-071-10050. Iran. Seed.
451623. 12-071-10054. Iran. Seed.
451624. 12-071-10055. Iran. Seed.
451625. 12-071-10057. Iran. Seed.
451626. 12-071-10058. Iran. Seed.
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451634. 12-071-10105. Iran. Seed.
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451637. 12-071-10108. Iran. Seed.
451638. 12-071-10109. Iran. Seed.
451639. 12-071-10110. Iran. Seed.
451640. 12-071-10111. Iran. Seed.
451641. 12-071-10112. Iran. Seed.
451642. 12-071-10113. Iran. Seed.

450553 TO 451689-continued

451643. 12-071-10114. Iran. Seed.
451644. 12-071-10115. Iran. Seed.
451645. 12-074-04091. Israel. Seed.
451646. 12-074-04095. Israel. Seed.
451647. 12-074-04096. Israel. Seed.
451648. 12-074-04099. Israel. Seed.
451649. 12-074-06624. Israel. Seed.
451650. 12-074-10004. Israel. Seed.
451651. 12-074-10008. Israel. Seed.
451652. 12-074-10009. Israel. Seed.
451653. 12-074-10010. Israel. Seed.
451654. 12-074-10011. Israel. Seed.
451655. 12-074-10012. Israel. Seed.
451656. 12-100-04092. Morocco. Seed.
451657. 12-100-04098. Morocco. Seed.
451658. 12-113-04243. Pakistan. Seed.
451659. 12-113-04246. Pakistan. Seed.
451660. 12-113-04251. Pakistan. Seed.
451661. 12-113-04252. Pakistan. Seed.
451662. 12-113-04253. Pakistan. Seed.
451663. 12-113-10005. Pakistan. Seed.
451664. 12-153-04102. Turkey. Seed.
451665. 12-153-06959. Turkey. Seed.
451666. 12-153-06960. Turkey. Seed.
451667. 12-153-06961. Turkey. Seed.
451668. 12-153-06962. Turkey. Seed.

450553 TO 451689-continued

- 451669. 12-153-06963. Turkey. Seed.
- 451670. 12-153-06964. Turkey. Seed.
- 451671. 12-153-06965. Turkey. Seed.
- 451672. 12-153-06966. Turkey. Seed.
- 451673. 12-153-06967. Turkey. Seed.
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- 451675. 12-153-06970. Turkey. Seed.
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- 451678. 12-153-06974. Turkey. Seed.
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- 451681. 12-153-06977. Turkey. Seed.
- 451682. 12-153-06978. Turkey. Seed.
- 451683. 12-153-06979. Turkey. Seed.
- 451684. 12-153-06980. Turkey. Seed.
- 451685. 12-153-06981. Turkey. Seed.
- 451686. 12-153-06988. Turkey. Seed.
- 451687. 12-153-07022. Turkey. Seed.
- 451688. 12-155-10002. Egypt. Seed.
- 451689. 12-165-04105. Originally from Africa. Seed.

451690 TO 451694. Zea mays L. (Poaceae) Field corn.

From United States. Donated by E. E. Gerrish, Maize Research and Development Section, Cargill, Inc., Grinnell, Iowa.
Received November 1980.

- 451690. Cargill North Temperate Zone Caribbean Flint-Dent. Unimproved non-cornbelt flint-dent and flint population altered from short to long day, cornbelt adaptation.

451690 TO 451694-continued

Derived from 6 Carribean inbreds, 6 Carribean populations, 10 early USA inbreds, and 1 Canadian inbred. Population with 94% recovery of tropical germplasm. Husk coverage tight. Cobs white. Kernels white with some yellow. Cultivated. Breeding material. Seed.

451691. Cargill North Temperate Zone Cateto. Unimproved non-cornbelt flint population, altered from short to long day, cornbelt adaptation. Derived from 8 Argentine flint inbreds, 4 Brazilian Cateto populations, 1 Argentine Cuarentin population, 4 early USA inbreds, and 5 Candian inbreds. Population with 94% recovery of Cateto flint germplasm. Husk coverage heavy. Cobs white. Kernels deep yellow to orange. Cultivated. Breeding material. Seed.
451692. Cargill North Temperate Zone Coroico. Unimproved non-cornbelt, flour-flint flour population altered from short to long day, cornbelt adaptation. Derived from one early USA flint and 6 Coroico populations. Population with 94% recovery of tropical germplasm. Stalks brittle. Ears slender with low kernel row numbers. Kernel colors white-yellow-red. Cultivated. Breeding material. Seed.
451693. Cargill North Temperate Zone Cuzco. Unimproved non-cornbelt flour-flint population altered from short to long day, cornbelt adaptation. Derived from 7 Cuzco and one early USA dent populations. Population with 94% recovery of tropical germplasm. Husks very heavy and tight. Ears short & blocky. Cobs white & red. Kernels white to yellow. Cultivated. Breeding material. Seed.
451694. Cargill North Temperate Zone Mexican Dent. Unimproved non-cornbelt dent population, altered from short to long day, cornbelt adaptation. Derived from the following inbred lines: 7 Tuxpeno, 3 Tuxpan, 1 Celaya, 1 Venezuelan, 11 early USA, and 1 Canadian; plus 5 Tuxpeno populations and 1 hybrid (Tuxpeno x Cateto). Tropical germplasm recovery of 94%. Cobs white. Kernels white, some yellow. Cultivated. Breeding material. Seed.

451695 TO 451703. *Coffea arabica* L. (Rubiaceae) Coffee.

From Brazil. Donated by Instituto Agronomico de Campinas, Campinas, S.P.
Received October 1979.

451695. LC 1668. Selected from Catimor. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451696. C 1702-2. Selected from Catimor. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.

451695 TO 451703-continued

451697. C 1715-4. Selected from Catimor. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451698. C 2503-2. Selected from Catimor. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451699. C 2543-2. Selected from Catimor. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451700. C 2543-4. Selected from Catimor. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451701. LCH 3851-2. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451702. LCH 4782-7. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.
451703. LCH 4782-10. Resistant to different races of coffee rust. Cultivated. Breeding material. Seed.

451704. *Solanum tuberosum* L. (Solanaceae) Potato.

From Peru. Donated by International Potato Center, Wild Species Germplasm Bank, Lima.
Received November 1980.

OCH 12076. Cultivated. Tubers.

451705. *Solanum tuberosum* L. (Solanaceae) Potato.

From United Kingdom. Donated by Agricultural Scientific Services, Department of Agriculture & Fisheries for Scotland, East Craigs, Edinburgh EH12 8NJ, Scotland.
Received November 1980.

'Maris Bard'. Cultivated. Tubers.

451706 TO 451709. *Solanum tuberosum* L. (Solanaceae) Potato.

From United Kingdom. Donated by Scottish Plant Breeding Station, Roslin, Midlothian EH25 9RF, Scotland.
Received November 1980.

451706. Croft. Cultivated. Tubers.

451707. Pentland Dell. Cultivated. Tubers.

451708. Pentland Javelin. Cultivated. Tubers.

451706 TO 451709-continued

451709. *Pentland Squire*. Cultivated. Tubers.

451710 TO 451711. *Amaranthus cruentus* L. (Amaranthaceae).

From United States. Donated by Southwestern Indian Crop Conservancy Garden & Seedbank, Meals for Millions Foundation, Tucson, Arizona.
Received September 1980.

451710. GN 994. Mexico. Collected October 1979. Mesa Blanca near Dolores, Chihuahua. Collected by G. Nabhan and E. Faubert. Indian Race. Leaves red. Seeds dark. Local names Tuka (Pima Bajo), Alegria (Mexico) and Guegui (Mexico). Cultivated. Landrace. Seed.

451711. GN 1144. Mexico. Baroquate, near Alamos. Leaves, inflorescence red. Local names Alegria, Grain amaranth, Guegui and Weywi. Cultivated. Landrace. Seed.

451712. *Cucurbita mixta* Pang. (Cucurbitaceae).

From United States. Donated by Southwestern Indian Crop Conservancy Garden & Seedbank, Meals for Millions Foundation, Tucson, Arizona.
Received September 1980.

MFM 34. Collected October 1979. Little Tucson, Arizona. Sonoran ecotype. Striped cushaw variety grown by Papago Indians. Local names Haal (Papago) and Calabasa verde (Sonora). Cultivated. Landrace. Seed.

451713. *Helianthus annuus* L. (Asteraceae) Sunflower.

From United States. Donated by Southwestern Indian Crop Conservancy Garden & Seedbank, Meals for Millions Foundation, Tucson, Arizona.
Received September 1980.

GN 901. Collected 1978. Supai, Arizona. Havasupai striped achene type. Received as *H. annuus* var. *macrocarpus*. Cultivated. Landrace. Seed.

451714. *Hyptis suaveolens* (L.) Poit. (Lamiaceae).

From United States. Donated by Southwestern Indian Crop Conservancy Garden & Seedbank, Meals for Millions Foundation, Tucson, Arizona.
Received September 1980.

451714-continued

MFM 974. Mexico. El Mesquite, Chihuahua. Sierra Madre ecotype. Chia-like seed from Mexican Indians. Warihio Indian cultivar. Local names Conivari (Warihio) and Chia grande (Mexican). Cultivated. Landrace. Seed.

451715. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From United States. Donated by Southwestern Indian Crop Conservancy Garden & Seedbank, Meals for Millions Foundation, Tucson, Arizona.
Received September 1980.

GN 1128. Collected 1979. Second Mesa, Hopi Indian Reservation, Arizona. Seeds mottled red. Local name Hatiquo. Cultivated. Landrace. Seed.

451716. *Zea mays* L. (Poaceae) Field corn.

From United States. Donated by Southwestern Indian Crop Conservancy Garden & Seedbank, Meals for Millions Foundation, Tucson, Arizona.
Received September 1980.

MFM 2. Harinoso de ocho. Collected October 1979. Little Tucson, Arizona. Pima-Papago Race. Kernels white. Local names O'odham huuni and Skauk huuni. Referred to as 60-day corn. Cultivated. Landrace. Seed.

451717. *Alysicarpus vaginalis* (L.) DC. (Fabaceae) Oneleaf-clover.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.
Received August 1980.

Local name Phasey bean. Cultivated. Seed.

451718 TO 451720. *Chloris gayana* Kunth (Poaceae) Rhodesgrass.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.
Received August 1980.

451718. Bell. Cultivated. Seed.

451719. Comun. Cultivated. Seed.

451718 TO 451720-continued

451720. *M. d. rhodes*. Cultivated. Seed.

451721. *Clitoria ternatea* L. (Fabaceae) Asian pigeonwings.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Cultivated. Seed.

451722. *Dolichos lablab* L. (Fabaceae) Hyacinth bean.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Local name Frijol lab lab. Cultivated. Seed.

451723. *Fagopyrum esculentum* Moench (Polygonaceae) Buckwheat.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Local name Trigo saraceno o'Alforfon. Cultivated. Seed.

451724. *Hedysarum coronarium* L. (Fabaceae) French honeysuckle.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Originally from Spain. Local name is Zulla. Cultivated. Seed.

451725. *Leucaena leucocephala* (Lam.) de Wit (Fabaceae) Leadtree.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Received as *L. glauca*. Cultivated. Seed.

451726. *Macroptilium atropurpureum* (DC.) Urb. (Fabaceae) Siratro.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Received as *Phaseolus atropurpureus*. Cultivated. Seed.

451727 TO 451728. *Medicago sativa* L. (Fabaceae) Alfalfa.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

451727. A. lucerne. Cultivated. Seed.

451728. Hunter river lucerne. Cultivated. Seed.

451729. *Neonotonia wightii* (Arnott) Lackey (Fabaceae) Perennial glycine.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Received as *Glycine wightii*. Cultivated. Seed.

451730. *Panicum antidotale* Retz. (Poaceae) Blue panicgrass.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Cultivated. Seed.

451731. *Panicum maximum* Jacq. (Poaceae) Guineagrass.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Coloured. Local name Guinea coloured. Cultivated. Seed.

451732. *Paspalum notatum* Fluegge (Poaceae) Bahiagrass.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Cultivated. Seed.

451733 TO 451734. *Setaria anceps* Stapf ex Massey (Poaceae).

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

451733. Kazangula. Cultivated. Seed.

451734. Nanoy. Cultivated. Seed.

451735 TO 451736. *Sorghum x alnum* Parodi (Poaceae) Almun sorghum.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

451735. Received as *S. vulgare* var. *alnum*. Cultivated. Seed.

451736. Received as *S. vulgare* var. *alnum*. Cultivated. Seed.

451737. *Sorghum sudanense* (Piper) Stapf (Poaceae) Sudangrass.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Received as *S. vulgare* var. *sudanense*. Cultivated. Seed.

451738. *Triticum aestivum* L. (Poaceae) Common wheat.

From Mexico. Donated by Esc. Superior de Ciencias Agricolas de la Universidad Autonoma de Baja California, Mexicali, Baja California Norte.

Received August 1980.

Local name Trigo zarraceno. Cultivated. Seed.

451739 TO 451740. *Triticum aestivum* L. (Poaceae) Common wheat.

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

451739. 'Marignan'. Soft red type. Winter annual. Cultivar. Seed.

451740. 'Tarot'. Soft red type. Winter annual. Cultivar. Seed.

451741 TO 451750. *Gossypium hirsutum* L. (Malvaceae) Upland cotton.

From China, Peoples Repub of. Donated by Cotton Institute, China Academy of Agricultural Sciences, Baibi, Anyong, Henan Province.
Received through PRC Cotton Germplasm Team to the USA.
Received October 1980.

451741. Chieng-yang-hung-miao. China, Peoples Repub of. Shih-chuan Province. Chieng-yang, Chung-1 Station. Plants conical-shaped. Medium maturity (141 days). Stems light green, pubescent. Leaves yellow. Bolls egg-shaped, green, weigh 4.5g. Concave oil gland at base of boll. Fiber-length 27mm, strength 3.6g, fineness 6152m/g, lint 28%. Wilt resistant. Contains one pair of yellow leaf recessive genes. Cultivated. Seed.

451742. Chung-mien-suo #7. Selected from Wu-kang mien. Plant growth vigorous. Maturity 135 days. Stems pubescent. Bolls covered with thin layer, weigh 5.0g. Fiber-length 31.4-34.5mm, strength 3.7-4.3g, fineness 5940-6424m/g, lint 36-38%, white glossy. Drought resistant and cold tolerant. Cultivated. Seed.

451743. Hsing-tai #68-71. China, Peoples Repub of. Hobei Province. Hsing-tai County Agricultural Station. Selected from Shih-chow 1818. Plant growth vigorous. Maturity 135 days. Bolls egg-shaped, weigh 5g. Fiber-length 28.4mm, strength 3.8g, fineness 6019m/g, lint 42%. Wilt resistant. Cultivated. Seed.

451744. Shan 401. China, Peoples Repub of. Shangsi Province. Shangsi Province Cotton Station. Selected from Shan mien #3, She-hung 52-128, Shih-chow 1818, and 60-5. Plant growth vigorous. Maturity 140 days. Leaves small, dark green. Bolls weigh 5-6g. Fiber-length 27.8mm, strength 3.84g, fineness 7500m/g, lint 38-40%. Wilt resistant. Cultivated. Seed.

451745. Shantung xiao kwang hsu. China, Peoples Repub of. Shantung Province. Shantung Province Agriculture. Maturity 110 days. Stems purple-red. Leaves yellow-green. Flowers yellow with red base. Bolls large, weigh 2.5g. Fiber-length 22.8mm, lint 28%. Wilt resistant. Cultivated.

451741 TO 451750-continued
Seed.

451746. Ting-shen-xiao-pai-kai mien. China, Peoples Repub of. Hobei Province. Ting County Agriculture. Maturity 110 days. Stems green. Leaves yellowish-green. Flowers yellow, Bolls small, weigh 2.0g. Fiber-length 21.6mm, lint 31.5%. Wilt resistant. Cultivated. Seed.
451747. Ting-tao tzu ching chung mien. China, Peoples Repub of. Shantung Province. Ting-tao County Agriculture Station. Maturity 105 days. Stems purple-red. Leaves reddish-green. Flowers yellow with a red base. Bolls small, weigh 2.1g. Fiber-length 24mm, lint 30%. Wilt resistant. Cultivated. Seed.
451748. To-mao #1. Plants conical-shaped, vigorous growth. Stems pubescent. Bolls egg-shaped, weigh 5.4g. Fiber-length 29mm, strength 3.7g, fineness 5840m/g, lint 37%. Susceptible to wilt. Cultivated. Seed.
451749. 86-1. China, Peoples Repub of. Hwang Village, Xiao-chi City, Ho-nan County. Plant Protection Station. Selected from Shan 65-141. Plant growth vigorous, slender. Maturity 140 days. Leaves small. Bolls clustered, egg-shaped, weigh 4.5-5g, wilt early. Fiber-length 29-30mm, strength 3.9g, fineness 5930m/g, lint 38.9-39.8%. Cultivated. Seed.
451750. 632. China, Peoples Repub of. Liao-chu Cotton and Hemp Station. Selected from Liao-chu. Plants short and conical-shaped. Maturity 123 days. Leaves small. Bolls small, weigh 4.5-5.0g. Fiber-length 29.4mm, strength 3.47g, fineness 6815m/g, lint 36-38%. Cultivated. Seed.

451751. *Hordeum vulgare* L. (Poaceae) Barley.

From Australia. Donated by Agricultural Research Station, Department of Agriculture, Temora, New South Wales 2666. Received December 1980.

Parwan. Victoria. Formerly referred to as Victorian crossbred B6671. Cultivated. Seed.

451752 TO 451761. *Daucus carota* subsp. *sativus* (Hoffm.) Arcang. (Apiaceae) Carrot.

From Netherlands. Donated by A. C. Zeven, Institute of Plant Breeding, Agricultural University, Wageningen. Received April 1979.

451752. EOG 1. Lange witte groen kop. Forage type. Cultivated.

451752 TO 451761-continued
Seed.

- 451753. EOG 2. Blariacus 801. Forage type. Cultivated. Seed.
- 451754. EOG 3. Mollestaart. Forage type. Cultivated. Seed.
- 451755. EOG 4. Lange gele stomper. Forage type. Cultivated. Seed.
- 451756. EOG 5. Lange gele Koe. Forage type. Cultivated. Seed.
- 451757. EOG 6. Flakee Samo. Forage type. Cultivated. Seed.
- 451758. EOG 7. Lopee. Forage type. Cultivated. Seed.
- 451759. EOG 8. Opbrenger. Forage type. Cultivated. Seed.
- 451760. EOG 9. Flavius. Forage type. Cultivated. Seed.
- 451761. EOG 10. Mommersteeg Lange gele stoppel. Forage type. Cultivated. Seed.

451762. *Capsicum frutescens* L. (Solanaceae) Redpepper.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

H-3. Israel. Collected June 1974. Jerusalem. Donated by A. A. Csizinszky. Ornamental type similar to Hanchey. Plants cross with Fresno Chili, but not California Wonder. Fruits high in capsin. Highly resistant to curly top virus. Cultivated. Seed.

451763 TO 451766. *Lens culinaris* Medik. (Fabaceae) Lentil.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

- 451763. H-1. Collected March 1973. Palouse hills, eastern Washington. Collected by H. Blaine. Old cultivar in region. Local name Chilean. Cultivated. Seed.
- 451764. H-5. Collected March 1971. Palouse hills, eastern Washington-northern Idaho. Collected by H. Blaine. Plants well-adapted to dry-land cultivation. Local name Chilean type Palouse lentil. Cultivated. Seed.
- 451765. H-6. Collected March 1971. Palouse hills, eastern

451763 TO 451766-continued

Washington-northern Idaho. Collected by H. Blaine. Old cultivar in region. Local name Chilean type Palouse lentil. Cultivated. Seed.

451766. H-7. Collected March 1971. Palouse hills, eastern Washington. Collected by L. Hudson. Obtained from S. Fleener. Grown for many years. Cultivated. Seed.

451767. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

H-36. Collected March 19, 1976. Originally from Nepal. Donated by D. Adlard, obtained from Farmers Seed and Nursery Company, Faribault, Minnesota. Cultivated. Seed.

451768 TO 451770. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

451768. H-2. Collected December 1965. Kelso, Washington. Donated by J. Dodge. D. O'Connor family heirloom. Cultivated. Seed.

451769. H-9. Collected by Patterson. Received as *P. vulgaris*. Pods mottled. Cultivated. Seed.

451770. H-37. Collected September 21, 1976. Colorado Springs, Colorado. Donated by Ms. Drobry. Cultivated. Seed.

451771 TO 451783. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

451771. H-32. Collected 1972. Washington. Heirloom type. Referred to as German bean. Cultivated. Seed.

451772. United States. Davis, CA. University of California. L 18A. Collected 1966. Collected by Mackie. Seeds red with mottling. Cultivated. Seed.

451771 TO 451783-continued

451773. United States. Davis, CA. University of California. L 18B. Collected 1966. Collected by Mackie. Seeds white. Cultivated. Seed.
451774. United States. Davis, CA. University of California. L 53A. Collected 1966. Collected by Mackie. Seeds red. Cultivated. Seed.
451775. United States. Davis, CA. University of California. L 53B. Collected 1966. Collected by Mackie. Cultivated. Seed.
451776. United States. Davis, CA. University of California. L 59. Collected 1966. Collected by Mackie. Seeds red with mottling. Cultivated. Seed.
451777. United States. Davis, CA. University of California. L 79. Collected 1966. Collected by Mackie. Seeds dark colored, mottled. Cultivated. Seed.
451778. United States. Davis, CA. University of California. L 119A. Collected 1966. Collected by Mackie. Seeds white. Cultivated. Seed.
451779. United States. Davis, CA. University of California. L 119B. Collected 1966. Collected by Mackie. Cultivated. Seed.
451780. United States. Davis, CA. University of California. L 120A. Collected 1966. Collected by Mackie. Seeds red. Cultivated. Seed.
451781. United States. Davis, CA. University of California. L 120B. Collected 1966. Collected by Mackie. Seeds red, mottled. Cultivated. Seed.
451782. United States. Davis, CA. University of California. L 122A. Collected 1966. Collected by Mackie. Seeds light red, mottled. Cultivated. Seed.
451783. United States. Davis, CA. University of California. L 122B. Collected 1966. Collected by Mackie. Seeds red, dark mottling. Cultivated. Seed.

451784 TO 451819. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.

Received February 1979.

451784 TO 451819-continued

451784. H-4. Collected November 1973. Lower Cowlitz Valley. Donated by Ms. F. Griggs. Grown in area for generations. Seeds large, white with red "soldier" pattern in hilum area. Local name Heirloom bean. Cultivated. Seed.
451785. H-8. Collected October 1970. Kooskia, Idaho. Collected by L.W. Hudson. F. Gelbach family heirloom. Grown in area for over 50 years. Seeds small, white. Cultivated. Seed.
451786. H-10. Collected April 1973. Willamette Valley, Oregon. Donated by J.R. Baggett. Pole type. Pods snap type. Local name black-seeded Blue Lake. Cultivated. Seed.
451787. H-11. Collected June 1971. Willamette Valley, Oregon. Bred by W.A. Frazier (OSU 189). Blue Lake type. Seeds small to medium, white. Resistant to BV-2. Cultivated. Seed.
451788. H-12. Collected June 1971. Willamette Valley, Oregon. Bred by W.A. Frazier (OSU 190). Blue Lake snap type. Seeds medium-sized, white. Resistant to BV-2. Cultivated. Seed.
451789. H-13. Collected June 1971. Willamette Valley, Oregon. Bred by W.A. Frazier (OSU 58-R). Plants bush, Blue Lake snap type. Seeds medium sized, white. Cultivated. Seed.
451790. H-15. Turkey. Collected April 1972. Eskisehir. Collected by D. R. Bienz. Seeds medium sized, dark brown, dark-purplish hilum. Local name Yer Ayse. Cultivated. Seed.
451791. H-16. Turkey. Collected April 1972. Eskisehir. Collected by D.R. Bienz. Seeds plump, medium-sized, purplish-black. Local name Ayse Kadin. Cultivated. Seed.
451792. H-19. Yates. Collected April 05, 1975. New Hampshire. Collected by E. M. Header. Catalogued by Farmer Seed and Nursery, Faribault, Minnesota, as 'Prestige'. Plants early maturing, productive. Seeds white, kidney dry baking type. Cultivated. Seed.
451793. H-20. Collected August 14, 1974. Collected by Floyd Weems. Bush type. Local name Tennessee. Cultivated. Seed.
451794. H-21. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Bush, shell type. Cultivated. Seed.
451795. H-22. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Heirloom, bush, shell type. Seeds large, somewhat flattened, kidney-shaped, tan with dark red

451784 TO 451819-continued

streaked pattern. Cultivated. Seed.

451796. H-23. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Plants strong climbers. Seeds rounded, dark red, used as snap, green shell or dry. Local name Cranberry Pole. Cultivated. Seed.
451797. H-24. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Bush bean. Seeds small to medium-sized, plump, red. Excellent for baking. Used for about 100 years by Boston Cannerys. Local name Lowe's Champion. Cultivated. Seed.
451798. H-25. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Plants bush type, very early maturing. Seeds large, kidney-shaped, white, dark red about hilum, dark red spots. Local name Trout. Cultivated. Seed.
451799. H-26. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Bush, dry type. Seeds small, plump, white, yellow soldier pattern about hilum, coat wrinkled. Local name Maine Yellow Eye. Cultivated. Seed.
451800. H-27. United States. North Dixmont, Maine. Johnny's Selected Seeds. Collected April 08, 1975. Donated by R. Johnston, Jr. Bush, dry type. Seeds large, kidney-shaped, white, two-toned red mottle, red soldier pattern about hilum. Local name Soldier. Cultivated. Seed.
451801. H-28. Gila #6. United States. Prosser, WA. USDA, Dept. of Plant Pathology, Wash. State Univ. . 65-72. Collected August 1974. Pueblo, Arizona. Collected by M. Silbernagel. Cultivated. Seed.
451802. H-29. Gila #14. United States. Prosser, WA. USDA, Dept. of Plant Pathology, Wash. State Univ. . 65-73. Collected August 1974. Pueblo, Arizona. Collected by M. Silbernagel. Cultivated. Seed.
451803. H-31. Swiss. Collected June 1974. University of Florida, Gainesville. Collected by M. Bassett. Also called Remus. Cultivated. Seed.
451804. H-33. Collected 1977. Columbus, Montana. Donated by A.F. Shaw, Montana State University, Bozeman. Referred to as Great Northern beans. Cultivated. Seed.
451805. H-34. Collected October 30, 1978. Garfield, Washington. Collected by L. Calhoun. Heirloom type. Cultivated. Seed.

451784 TO 451819-continued

451806. H-35. Collected October 30, 1978. Woodland, Washington. Collected by D.W.C. Hough. Bush bean, 38 to 46cm tall. Pods 6-10 per horizontal stem. Seeds red, 4-6 per pod. Local name Grandma's red beans. Cultivated. Seed.
451807. H-38. Great Northern Nebraska #1, Sel. 27. Collected 1975. Nebraska. Collected by D.P. Coyne. Plants late-maturing, very photoperiod sensitive. Seeds white. Common blight tolerant. Cultivated. Seed.
451808. H-39. Great Northern Nebraska #1. Collected 1974. Nebraska. Collected by R.B. O'Keefe. Plants early-maturing. Seeds white. Some common blight tolerance. Cultivated. Seed.
451809. H-40. Great Northern Emerson. Collected 1974. Nebraska. Collected by D.P. Coyne. Plants early-maturing. Seeds white. High tolerance to orange, yellow and purple bacterial blight, moderately high tolerance to common blight. Local name G.N. Emerson. Cultivated. Seed.
451810. H-41. Great Northern Jules. Collected 1974. Nebraska. Collected by D.P. Coyne. Plants moderately late-maturing. Seeds white. Common blight tolerant. Cultivated. Seed.
451811. H-42. Great Northern Valley. Collected 1975. Nebraska. Collected by D.P. Coyne. Plants early-maturing. Seeds white. Common blight tolerant. Cultivated. Seed.
451812. H-43. Great Northern Star. Collected 1975. Nebraska. Collected by D.P. Coyne. Plants early-maturing. Seeds white. Common blight and bacterial blight tolerant. Cultivated. Seed.
451813. H-44. Great Northern Tara. Collected 1974. Nebraska. Collected by D.P. Coyne. Plants moderately late-maturing. Seeds white. Common blight tolerant. Cultivated. Seed.
451814. H-45. Selection from six backcrosses to Great Northern Nebraska #1. Collected 1975. Nebraska. Bred by D.P. Coyne. Plants determinate. Seeds white. Cultivated. Seed.
451815. H-46. Great Northern Nebraska #1, Sel. 27. Collected 1975. Nebraska. Collected by D.P. Coyne. Plants vigorous, short day type, late maturing under long days. Seeds white. Tolerant to common blight, Halo-blight (races 1 and 2, and Nebraska isolates). Cultivated. Seed.
451816. H-47. Great Northern Nebraska #1. Collected 1975. Nebraska. From R.B. O'Keefe, donated by D.P. Coyne. Plants indeterminate. Seeds white. Cultivated. Seed.

451784 TO 451819--continued

451817. H-48. Turkey. Collected 1972. Collected by D.R. Bienz. Seeds brown. Cultivated. Seed.

451818. H-50. Limelight. Collected April 13, 1978. Prosser, Washington. Collected by M. Silbernagle. Seeds white. Cultivated. Seed.

451819. H-53. Tuscola. Collected 1975. Michigan State University, East Lansing. Collected by F. Saeltter. Seeds small, white. Cultivated. Seed.

451820. *Pisum sativum* L. (Fabaceae) Garden pea.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

H-51. PH-14-119. Collected 1976. Pullman, Washington. Collected by L. Hiller. Seeds large, wrinkled. Cultivated. Seed.

451821 TO 451822. *Pisum sativum* L. (Fabaceae) Field pea.

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

451821. H-49. Collected 1972. Camas Prairie, Idaho. Collected by V. Wilson. Seeds round, smooth, brown. Cultivated. Seed.

451822. H-52. Romack. Collected 1972. Moscow, Idaho. Collected by F. Muehlbauer. Seeds smooth, dented, brown. Cultivated. Seed.

451823. *Vigna umbellata* (Thunb.) Ohwi & Ohashi (Fabaceae).

From United States. Donated by L. W. Hudson, Regional Plant Introduction Station, Washington State University, Pullman, Washington.
Received February 1979.

H-30. United States. Acton, Massachusetts. Johnny's Apple Seeds. Collected January 08, 1974. Referred to as Adzuki bean. Cultivated. Seed.

451824. *Abelmoschus esculentus* (L.) Moench (Malvaceae) Okra.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

San Francisco los Lomas, Sacatepequez. Used to make
coffee. Cultivated. Seed.

451825 TO 451826. *Amaranthus cruentus* L. (Amaranthaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

451825. San Martin Jilotepeque, Chimaltenango. Seeds black.
Cultivated. Seed.

451826. San Martin Jilotepeque, Chimaltenango. Seeds white.
Cultivated. Seed.

451827 TO 451828. *Canavalia ensiformis* (L.) DC. (Fabaceae) Jackbean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

451827. San Martin Jilotepeque, Chimaltenango. Cultivated. Seed.

451828. Superb Seeds Company, Zona 1, Guatemala City. Cultivated.
Seed.

451829 TO 451830. *Canavalia* sp. (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

451829. Solola, Solola. Wild. Seed.

451830. Road to Panajachel, Solola. Wild. Seed.

451831. *Crotalaria longirostrata* Hook. & Arn. (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Panajachel, Solola. Local name Chipilin. Cultivated.
Seed.

451832 TO 451834. *Cucurbita ficifolia* Bouche (Cucurbitaceae) Figleaf gourd.

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

451832. Market, Solola, Solola. Local name Chili coyote. Cultivated. Seed.

451833. Solola, Solola. Fruit green and white. Local name Chili coyote. Cultivated. Seed.

451834. San Jose Poaquil, Chimaltenango. Fruits large, round. Bottle gourd. Cultivated. Seed.

451835 TO 451848. *Cucurbita moschata* (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

451835. Solola, Solola. Fruit star-shaped. Local name Ayote. Cultivated. Seed.

451836. Solola, Solola. Fruit round. Local name Ayote. Cultivated. Seed.

451837. Solola, Solola. Fruit figure 8-shaped with upper half ribbed. Local name Ayote. Cultivated. Seed.

451838. Antigua, Guatemala. Fruit pear-shaped. Local name Ayote. Cultivated. Seed.

451839. Antigua, Guatemala. Fruit figure 8-shaped with upper half ribbed. Local name Ayote. Cultivated. Seed.

451840. Antigua, Guatemala. Fruit small, round. Local name Ayote. Cultivated. Seed.

451841. Antigua, Guatemala. Fruit crook-neck shaped. Local name Ayote. Cultivated. Seed.

451842. Solola, Solola. Fruit with green circular bump on bottom. Local name Guicoy. Cultivated. Seed.

451843. Solola, Solola. Fruit with green circle in middle of white dot on bottom. Local name Guicoy. Cultivated. Seed.

451844. Solola, Solola. Fruit with green circle in middle of white dot on bottom. Local name Guicoy. Cultivated. Seed.

451835 TO 451848-continued

451845. Solola, Solola. Fruit pear-shaped. Local name Ayote. Cultivated. Seed.
451846. Antigua, Guatemala. Fruit small, round. Local name Ayote. Cultivated. Seed.
451847. Antigua, Guatemala. Fruit large, round. Local name Ayote. Cultivated. Seed.
451848. Bus Terminal Market, Guatemala City. Local name Ayote. Cultivated. Seed.

451849 TO 451854. Cucurbita pepo L. (Cucurbitaceae) Summer squash.

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

451849. Solola, Solola. Fruit with small, white dot on bottom. Local name Guicoy. Cultivated. Seed.
451850. Wash. Solola, Solola. Fruit with green dot on bottom. Local name Guicoy. Cultivated. Seed.
451851. Solola, Solola. Fruit zucchini-shaped. Local name Guicoy. Cultivated. Seed.
451852. Solola, Solola. Fruit flying saucer shaped. Local name Guicoy. Cultivated. Seed.
451853. Corona. Patzacia, Chimaltenango. Fruit with large, white dot on bottom. Local name Guicoy. Cultivated. Seed.
451854. Market, Solola, Solola. Local name Guicoy. Cultivated. Seed.

451855. Gossypium hirsutum L. (Malvaceae) Upland cotton.

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

Market, Solola, Solola. Lint brown. Cultivated. Seed.

451856 TO 451857. Lagenaria siceraria (Mol.) Standl. (Cucurbitaceae) Bottle gourd.

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.

451856 TO 451857-continued
Received October 1980.

451856. Market, Solola, Solola. Fruit small, pear-shaped. Bottle gourd. Cultivated. Seed.

451857. Market, Solola, Solola. Fruit large, pear-shaped. Bottle gourd. Cultivated. Seed.

451858. *Lathyrus nigrivalvis* Burkart (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

Chimaltenango, Chimaltenango. Local name Choreque.
Cultivated. Seed.

451859. *Macroptilium* sp. (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

Road to Panajachel, Solola. Flowers purple. Pods long.
Wild. Seed.

451860. *Mucuna deeringiana* (Bort) Merr. (Fabaceae) Velvetbean.

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

Teculután, Zacapa. Black colored coffee bean. Cultivated.
Seed.

451861. *Mucuna velutina* Hassk. (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o Embajada De Canada, Guatemala City.
Received October 1980.

San Martín, Jilotepeque, Chimaltenango. Coffee bean.
Cultivated. Seed.

451862 TO 451874. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o

451862 TO 451874-continued
Embajada De Canada, Guatemala City.
Received October 1980.

451862. Bus Terminal Market, Guatemala City. From bulk sample. Seeds medium to large, white. Cultivated. Seed.
451863. Bus Terminal Market, Guatemala City. From bulk sample. Seeds tan to light brown usually with purple striations. Cultivated. Seed.
451864. Bus Terminal Market, Guatemala City. From bulk sample. Seeds pale to medium violet. Cultivated. Seed.
451865. Bus Terminal Market, Guatemala City. From bulk sample. Seeds pale violet with few striations of dark purple. Cultivated. Seed.
451866. Bus Terminal Market, Guatemala City. From bulk sample. Seeds dark purple to black, striated with tan and violet. Cultivated. Seed.
451867. Market, Solola, Solola. Seeds white. Cultivated. Seed.
451868. Solola, Solola. From bulk sample. Seeds white. Cultivated. Seed.
451869. Solola, Solola. From bulk sample. Seeds tan to dark brown. Cultivated. Seed.
451870. Solola, Solola. From bulk sample. Seeds tan to violet with dark striations. Cultivated. Seed.
451871. Solola, Solola. From bulk sample. Seeds tan with heavy medium to dark striations or speckling, some blunt ended. Cultivated. Seed.
451872. Solola, Solola. From bulk sample. Seeds dark purple with violet striations. Cultivated. Seed.
451873. Solola, Solola. From bulk sample. Seed color variable - dark to light purple, reddish with dark to light striations. Cultivated. Seed.
451874. Solola, Solola. From bulk sample. Seeds black. Cultivated. Seed.

451875. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

San Martin Jilotepeque, Chimaltenango. Seeds black.
Cultivated. Seed.

451876. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Santiago Atitlan, Solola. Local name Piloy bean.
Cultivated. Seed.

451877 TO 451882. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

451877. Teculután, Zacapa. Local type. Seeds black. Cultivated.
Seed.

451878. Teculután, Zacapa. Local type. Seeds red. Cultivated.
Seed.

451879. Teculután, Zacapa. Local type. Seeds white. Cultivated.
Seed.

451880. San Martin Jilotepeque, Chimaltenango. Bush type. Seeds
black. Local name Vina Blanco. Cultivated. Seed.

451881. San Martin Jilotepeque, Chimaltenango. Local type. Seeds
red. Cultivated. Seed.

451882. San Martin Jilotepeque, Chimaltenango. Cafe bean.
Cultivated. Seed.

451883 TO 451884. *Phaseolus coccineus* L. (Fabaceae) Scarlet runner
bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

451883. Market, Solola, Solola. Red Piloy bean. Cultivated. Seed.

451884. Market, Solola, Solola. Kidney-shaped Piloy bean.
Cultivated. Seed.

451885 TO 451921. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.

451885 TO 451921-continued
Received October 1980.

451885. Market, Solola, Solola. Seeds red. Cultivated. Seed.
451886. San Juan Sacatepequez, Guatemala. Seeds brownish-red. Cultivated. Seed.
451887. Santiago Atitlan, Solola. Local type. Seeds white. Cultivated. Seed.
451888. Market, Solola, Solola. Local, possibly vining type. Seeds black. Cultivated. Seed.
451889. Solola, Solola. Bush type. Seeds red. Local name Rinon. Cultivated. Seed.
451890. Solola, Solola. Local, possibly bush type. Seeds red. Cultivated. Seed.
451891. Solola, Solola. Vine type. Seeds black. Yields better in dry season. Cultivated. Seed.
451892. Solola, Solola. Vine type. Seeds black. Yields better in wet season. Cultivated. Seed.
451893. Solola, Solola. Seeds cafe-colored. Cultivated. Seed.
451894. Solola, Solola. Painted vining bean. Local name Frijol de gato. Cultivated. Seed.
451895. Solola, Solola. Vine type. Seeds red. Cultivated. Seed.
451896. Supango, Chimaltenango. Seeds white. Cultivated. Seed.
451897. Solola, Solola. Local type. Seeds black. Cultivated. Seed.
451898. Antigua, Guatemala. Possibly vining type. Seeds cafe-colored. Cultivated. Seed.
451899. Chimaltenango, Chimaltenango. Vine type. Seeds white. Cultivated. Seed.
451900. San Jose Poaquil, Chimaltenango. Vine type. Seeds red. Local name Colorado. Cultivated. Seed.
451901. San Antonio Palopo, Solola. Bush type. Seeds black. Cultivated. Seed.
451902. Solola, Solola. Vine type. Seeds black. Cultivated. Seed.
451903. Santiago Atitlan, Solola. Local type. Seeds black. Cultivated. Seed.

451885 TO 451921-continued

451904. Solola, Solola. Vine type. Seeds black. Local name Machete. Cultivated. Seed.
451905. Antigua, Guatemala. Seeds red. Cultivated. Seed.
451906. San Antonio Palopo, Solola. Seeds long, red. Cultivated. Seed.
451907. San Martin Jilotepeque, Chimaltenango. Bush type. Seeds white. Cultivated. Seed.
451908. San Andres Itzapa, Chimaltenango. Seeds red. Local name Espana. Cultivated. Seed.
451909. Solola, Solola. Local bush type. Seeds black. Cultivated. Seed.
451910. San Antonio Palopo, Solola. Bush type. Seeds black. Cultivated. Seed.
451911. Solola, Solola. Bush type. Seeds red. Cultivated. Seed.
451912. Panajachel, Solola. Bush type. Seeds black. Cultivated. Seed.
451913. Aguas Escondidos, Solola. Seeds reddish-brown. Cultivated. Seed.
451914. Santiago Atitlan, Solola. Seeds red. Cultivated. Seed.
451915. Solola, Solola. Bush type. Seeds red. Cultivated. Seed.
451916. Parramos, Chimaltenango. Bush type. Seeds black. Cultivated. Seed.
451917. San Jose Poaguil, Chimaltenango. Bush type. Seeds black. Cultivated. Seed.
451918. Antigua, Chimaltenango. Seeds red. Cultivated. Seed.
451919. Parramos, Chimaltenango. Bush type. Seeds red. Cultivated. Seed.
451920. Parramos, Chimaltenango. Bush type. Seeds red. Cultivated. Seed.
451921. San Jose Chacaya, Solola. Seeds small, black. Cultivated. Seed.
451922. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o

451922-continued

Embajada De Canada, Guatemala City.
Received October 1980.

San Jacinto, Zacapa. Cultivated. Seed.

451923. *Phaseolus vulgaris* L. (Fabaceae) Garden bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Solola, Solola. Vine type. Seeds white. Cultivated. Seed.

451924 TO 451925. *Phaseolus lunatus* L. (Fabaceae) Lima bean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

451924. Beach of Lake Atitlan, Panajachel, Solola. Seeds black.
Wild. Seed.

451925. Panajachel, Solola. Wild. Seed.

451926. *Vigna radiata* (L.) Wilczek (Fabaceae) Mungbean.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Panajachel, Solola. Seeds barrel-shaped. Wild. Seed.

451927. *Vigna umbellata* (Thunb.) Ohwi & Ohashi (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

San Jacinto, Zacapa. Cultivated. Seed.

451928. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Solola, Solola. Early domesticated, old style type.
Cultivated. Seed.

451929. *Zea mays* L. (Poaceae) Popcorn.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Solola, Solola. Seeds pointed. Cultivated. Seed.

451930. *Zea mays* subsp. *mexicana* (Schrad.) Iltis (Poaceae) Teosinte.

From Guatemala. Donated by Plenty Agricultural Project, c/o
Embajada De Canada, Guatemala City.
Received October 1980.

Superb Seeds Co., Zona 1, Guatemala City. Cultivated.
Seed.

451931 TO 451932. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Bolivia. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

451931. B 7804. Cochabamba. Seed.

451932. B 7808. Cochabamba. Seed.

451933. *Cajanus cajan* (L.) Huth (Fabaceae) Pigeon pea.

From Ecuador. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

E 7841. Juncal. Received as synonym, *C. indicus*. Seed.

451934. *Dolichos lablab* L. (Fabaceae) Hyacinth bean.

From Ecuador. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

E 7839. Juncal. Plant naturalized in area. Winter-
flowering. Wild. Seed.

451935. *Teramnus* sp. (Fabaceae).

From Ecuador. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

451935-continued

HE 7843. New Juncal. Local name Chota. Wild. Seed.

451936. *Vigna* sp. (Fabaceae).

From Ecuador. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

HE 7845. Along Rio Chota, Juncal. Winter-flowering.
Possibly *Vigna vexillata*. Local name Frejol chota. Wild.
Seed.

451937. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Ecuador. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

E 7948. Guayaquil. Wild. Seed.

451938. *Cajanus cajan* (L.) Huth (Fabaceae) Pigeon pea.

From Jamaica. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

Montego Bay. Wild. Seed.

451939 TO 451940. *Cucurbita* sp. (Cucurbitaceae).

From Mexico. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

451939. M 7017. El Salti, Durango. Wild. Seed.

451940. M 8050. Pto. del Aire, Veracruz. Wild. Seed.

451941. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From Mexico. Collected by O. W. Norvell, Stanford University,
Palo Alto, California.
Received October 1979.

M 2057. Cerro Grande, La Piedad, Michoacan. Wild. Seed.

451942 TO 451946. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Mexico. Collected by O. W. Norvell, Stanford University, Palo Alto, California.
Received October 1979.

451942. M 7276A. Collected November 19, 1968. Minatitlan, Veracruz. Local name Frijol brantre. Seed.

451943. M 7276B. Collected November 19, 1968. Minatitlan, Veracruz. Local name Frijol chico. Seed.

451944. M 7654. Jalpa, Zacatecas. Seed.

451945. M 8008. Seed.

451946. M 8014. La Plancie del Popo, Puebla. Local name Chicharo crema. Seed.

451947 TO 451949. *Vigna unguiculata* (L.) Walp. (Fabaceae).

From Peru. Collected by O. W. Norvell, Stanford University, Palo Alto, California.
Received October 1979.

451947. P 7788. Lima. Seed.

451948. P 7791. Lima. Seed.

451949. P 8556. Lima. Seed.

451950 TO 451958. *Carthamus tinctorius* L. (Asteraceae) Safflower.

From India. Donated by National Bureau of Plant Genetic Resources, New Delhi 110012.
Received April 1978.

451950. EC 32012. *Alternaria carthami* resistant. Cultivated. Seed.

451951. EC 32016. *Alternaria carthami* resistant. Cultivated. Seed.

451952. EC 76730. *Alternaria carthami* resistant. Cultivated. Seed.

451953. NS 99a. Collected 1968. Collected by the National Bureau of Plant Genetic Resources. *Alternaria carthami* resistant. Cultivated. Seed.

451954. NS 1015. Collected 1968. Collected by the National Bureau of Plant Genetic Resources. *Alternaria carthami*

451950 TO 451958--continued

- resistant. Cultivated. Seed.
451955. NS 1016. Collected 1968. Collected by the National Bureau of Plant Genetic Resources. *Alternaria carthami* resistant. Cultivated. Seed.
451956. NS 1021. Collected 1968. Collected by the National Bureau of Plant Genetic Resources. *Alternaria carthami* resistant. Cultivated. Seed.
451957. NS 1542. Collected 1968. Collected by the National Bureau of Plant Genetic Resources. *Alternaria carthami*. Cultivated. Seed.
451958. NP-10. Collected by the Indian Agricultural Research Institute. *Alternaria carthami* resistant. Cultivated. Seed.

451959 TO 451972. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From Canada. Donated by Lowden's Better Plants and Seeds, Ancaster, Ontario L9G 3L3.
Received April 1978.

451959. Imun Prior Beta. Norway. Plants indeterminate, early-maturing. Fruits of regular shape. Flesh solid. Cultivated. Seed.
451960. Kanatto. Vine indeterminate. Fruit late-maturing, excellent flavor. Cultivated. Seed.
451961. Moira. Bred by J.G. Metcalf. Plants viny, determinate, small, early-maturing. Fruits red, flavorful. Seeds few. Cultivated. Seed.
451962. New Sidor. Fruits very large, some over 454g. Cultivated. Seed.
451963. Quinte. Canada. Smithfield, Bay of Quinte. Smithfield Experimental Farm. Plants early-maturing. Fruits red, flavorful, large for a canning type. *Verticillium* wilt resistant. Cultivated. Seed.
451964. Stakeless. Stems single, very strong, upright, holding fruits off ground. Leaves large, cover fruits almost completely. Fruits large, deep red. Cultivated. Seed.
451965. Stuffing tomato. Fruits medium-size, internal structure similar to peppers. Cultivated. Seed.
451966. Sub-Arctic Early. Plants small, compact, early-maturing. Fruits abundant. Cultivated. Seed.

451959 TO 451972-continued

- 451967.** Sub-Arctic Maxi. Plants very early-maturing. Fruits abundant. Cultivated. Seed.
- 451968.** Sub-Arctic Plenty. Plants very early-maturing, uniform shape. Stems upright, determinate, no main stem. Fruits abundant. Cultivated. Seed.
- 451969.** Swift. Canada. Swift Current, Saskatchewan. Experimental Station. Plants early-maturing. Cultivated. Seed.
- 451970.** Trimson. Bred by J.G. Metcalf. Plants viny, determinate, small, early-maturing. Fruits red, acid-free. Seeds few. Cultivated. Seed.
- 451971.** Veebright. Canada. Vineland, Ontario. Vineland Experiment Station. Bred by E.A. Kerr. Fruits very firm. Tolerant to verticillium and fusarium wilts. Cultivated. Seed.
- 451972.** Veepick. Parentage involves H1350, Campbell Kc109, and Roma VF. Plants determinate or bushy, early-maturing. Fruits large, stout, pear-shaped, thick-walled, flavorful, uniform-ripening. Resistant to verticillium and fusarium wilts, race 1 and blossom end rot. Cultivated. Seed.

451973 TO 451974. *Lycopersicon esculentum* var. *cerasiforme* (Dunal) A. Gray (Solanaceae) Cherry tomato.

From Canada. Donated by Lowden's Better Plants and Seeds, Ancaster, Ontario L9G 3L3.
Received April 1978.

- 451973.** Sub-Arctic Cherry. Plants small, compact, early-maturing. Fruits about 14.2g, abundant. Cultivated. Seed.
- 451974.** Sub-Arctic Midi. Plants early-maturity. Fruits over 14g. Cultivated. Seed.

451975 TO 451976. *Cucumis sativus* L. (Cucurbitaceae) Cucumber.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.
Received February 1980.

- 451975.** A-1387. 'Ottawa 41'. Canada. Harrow, Ontario. Research Sta., Research Branch, Agriculture Canada. Single plant selection from PI 227208. Fruits green to yellow, oblong, to 40cm long, 7cm wide. Selected in 1957 for powdery mildew resistance, free of infection in field for 13

451975 TO 451976-continued

years but not 100% resistant in greenhouse. Cultivated.
Seed.

451976. A-1762. Yonaki. Japan. Collected January 10, 1977. New York. Seed presented by H. M. Munger. Fruits oblong, 30cm long, 6cm wide. Taken from Japan to Egypt. Lot 72-48, an increase of W.A. Warid's S4 line "26 plant 349". Powdery mildew resistant. Cultivated. Seed.

451977 TO 451978. Helianthus petiolaris Nutt. (Asteraceae) Kansas sunflower.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.
Received February 1980.

451977. A-1637. United States. Fargo, North Dakota. G.N. Fick, USDA, Dept. of Agron., ND State Univ. No. 72212. Collected January 18, 1974. Richland County, North Dakota. Plants to 75cm. Heads 1 cm diameter. Wild. Seed.

451978. A-1638. United States. Fargo, North Dakota. G.N. Fick, USDA, Dept. of Agron., ND State Univ. No. 72121. Collected January 18, 1974. Ellsworth County, Kansas. Plants to 110cm. Heads to 3cm diam. Wild. Seed.

451979. Helianthus rigidus (Cass.) Desf. (Asteraceae) Stiff sunflower.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.
Received February 1980.

A-1636. United States. Fargo, North Dakota. G.N. Fick, USDA, Dept. of Agron., ND State Univ. No. 72209. Collected January 18, 1974. Richland County, North Dakota. Plants to 120cm tall. Heads to 2cm diam. Wild. Seed.

451980. Helianthus tuberosus L. (Asteraceae) Jerusalem artichoke.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.
Received February 1980.

A-1635. United States. Fargo, North Dakota. G.N. Fick, USDA, Dept. of Agron. ND State Univ. No. 72196. Collected January 18, 1974. Richland County, North Dakota. Plants 90-150cm tall. Heads to 2cm diam. Wild. Seed.

451981 TO 452029. *Lycopersicon esculentum* Mill. (Solanaceae) Tomato.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.

Received February 1980.

451981. A-1399. United States. 1931 Baugh Ave., East St. Louis, Illinois. J.W. Collins, Scope Buket Div. Corno Field Products. Collected November 05, 1971. Leaves potato leaf shaped. Flowers abort 90 deg. F. Fruits pink, oblate, 1 to 3 pounds, solid, non-acid, excellent flavor, stores well. Blight-resistant. Received through National Seed Storage Lab., Ft. Collins, CO. Cultivated. Seed.
451982. A-1661. Mexico. Celaya, Guanajato. Instituto Nacional de Investigaciones Agricolas. Vegetable Crops Dept., Univ. of California, Davis. TC 71-11162. Collected April 07, 1975. Sinaloa. Fruits oblate, pink. Cultivated. Seed.
451983. A-1715. Columbia. United States. Prosser, Washington. M.W. Martin, Irrigat. Agri. Res. & Extension Ctr. C5 x VF 145-21-4. Collected April 26, 1976. Plants medium-sized. Fruits large. Curley top. Verticillium and Fusarium wilt resistant. C-5 has PI 79532 and 128660 in ancestry. Cultivated. Seed.
451984. A-1716. Rowpac. United States. Prosser, Washington. M.W. Martin, Irrigat. Agri. Res. & Extension Ctr. C5 x VF 145-21-4. Collected April 26, 1976. Fruits small, globose, red, curly top, Verticillium and Fusarium wilt resistant. C-5 has PI 79532 and 128660 in ancestry. Cultivated. Seed.
451985. A-1717. Roza. United States. Prosser, Washington. M.W. Martin, Irrigat. Agri. Res. & Extension Ctr. C5 x 145-21-4. Collected April 26, 1976. Fruits medium, oblate and globose, red, abundant. Curly top, Verticillium and Fusarium wilt resistant. C-5 has PI 79532 and 128660 in ancestry. Cultivated. Seed.
451986. A-1718. Saladmaster. United States. Prosser, Washington. M.W. Martin, Irrigat. Agri. Res. & Extension Ctr. PI 127829 X *L. esculentum* 3. Collected April 26, 1976. Plants medium, determinate. Fruits globose, large cherry-type, red, outstanding quality. Cultivated. Seed.
451987. A-1720. United States. Racine, Wisconsin. L. Fenner, 715 Kingston Ave. Collected September 20, 1976. Big Falls, Wisconsin. Plants to 60cm tall. Fruits large, oblate, red, excellent flavor, few seeds. Grown in the Henry Fenner family for over 60 years. Cultivated. Seed.
451988. A-1722. U.S. 458. United States. National Seed Storage Lab., Ft. Collins, Co. 4673. Maryland. Fruits oblate, red. Cultivated. Seed.

451981 TO 452029-continued

451989. A-1723. U.S. 558. United States. National Seed Storage Lab., Ft. Collins, Co. 4674. Maryland. Fruits oblate and globose, red. Cultivated. Seed.
451990. A-1724. 'Paragon'. United States. National Seed Storage Lab., Ft. Collins, Co. 27616. Ohio. Fruits oblate and globose, red. Cultivated. Seed.
451991. A-1725. 'Olympia'. Germany, Federal Rep of. National Seed Storage Lab., Ft. Collins, Co. 27615. Fruits oblate and globose, red. Cultivated. Seed.
451992. A-1726. 'Bison'. United States. National Seed Storage Lab., Ft. Collins, Co. 27580. North Dakota. Fruits oblate and globose, red. Cultivated. Seed.
451993. A-1727. 'Beauty'. United States. National Seed Storage Lab., Ft. Collins, Co. 27579. Minnesota. Fruits oblate, pink. Cultivated. Seed.
451994. A-1728. 'Schappis Kusnachter Alpengluhn'. Germany, Federal Rep of. National Seed Storage Lab., Ft. Collins, Co. 27623. Fruits oblate, red. Cultivated. Seed.
451995. A-1729. 'Polar Circle'. United States. National Seed Storage Lab., Ft. Collins, Co. 27618. Wyoming. Fruits oblate, pink. Cultivated. Seed.
451996. A-1730. 'Abel'. Canada. National Seed Storage Lab., Ft. Collins, Co. 27483. Fruits oblate, red. Cultivated. Seed.
451997. A-1731. 'Perfection Dwarf'. United States. National Seed Storage Lab., Ft. Collins, Co. 27499. Iowa. Fruits oblate, red. Cultivated. Seed.
451998. A-1732. 'Ciliegia'. Italy. National Seed Storage Lab., Ft. Collins, Co. 17494. Fruits globose, red. Cultivated. Seed.
451999. A-1733. 'Earliana' (Schell's strain). United States. National Seed Storage Lab., Ft. Collins, Co. 27501. Pennsylvania. Fruits oblate, red. Cultivated. Seed.
452000. A-1734. 'Illinois Pride'. United States. National Seed Storage Lab., Ft. Collins, Co. 27601. Fruits oblate and globose, red. Cultivated. Seed.
452001. A-1735. 'Bryan, Self-Topper'. United States. National Seed Storage Lab., Ft. Collins, Co. 27649. Fruits globose, pink. Cultivated. Seed.
452002. A-1736. 'Marvelosa'. United States. National Seed

451981 TO 452029-continued

- Storage Lab., Ft. Collins, Co. 27532. Cultivated. Seed.
452003. A-1737. 'Tuckstir'. Germany, Federal Rep of. National Seed Storage Lab., Ft. Collins, Co. 27627. Fruits oblate and globose, red. Cultivated. Seed.
452004. A-1738. 'Optimus'. Italy. National Seed Storage Lab., Ft. Collins, Co. 27539. Fruits oblate, red. Cultivated. Seed.
452005. A-1739. 'Precocissimo di Parma odi Piacens'. Italy. National Seed Storage Lab., Ft. Collins, Co. 27548. Fruits oblate and globose, red. Cultivated. Seed.
452006. A-1740. 'Ruby Gem'. United States. National Seed Storage Lab., Ft. Collins, Co. 27558. Colorado. Fruits oblate and globose, red. Cultivated. Seed.
452007. A-1741. 'Topper 19K-76-41'. United States. National Seed Storage Lab., Ft. Collins, Co. 27564. Fruits oblate and globose, red. Cultivated. Seed.
452008. A-1742. 'Carter's Fruit. United States. National Seed Storage Lab., Ft. Collins, Co. Fruits oblate and globose, red. Cultivated. Seed.
452009. A-1743. 'Cooper's Special'. United States. National Seed Storage Lab., Ft. Collins, Co. 27585. Fruits oblate and globose, red. Cultivated. Seed.
452010. A-1744. 'Bonner, Beste'. United States. National Seed Storage Lab., Ft. Collins, Co. 27297. Wyoming. Fruits globose, red. Cultivated. Seed.
452011. A-1745. 'Lloyd Forcing'. United States. National Seed Storage Lab., Ft. Collins, Co. 27077. Pennsylvania. Fruits oblate and globose, red. Cultivated. Seed.
452012. A-1746. 'Degenova'. Italy. National Seed Storage Lab., Ft. Collins, Co. 27308. Fruits oblate, red. Cultivated. Seed.
452013. A-1747. 'Nustate'. United States. National Seed Storage Lab., Ft. Collins, Co. 27538. Fruits oblate and globose, red. Cultivated. Seed.
452014. A-1748. 'Bloomsdale, Early No. 2'. United States. National Seed Storage Lab., Ft. Collins, Co. 27488. Pennsylvania. Fruits oblate and globose, red. Cultivated. Seed.
452015. A-1749. 'Gnome, Improved'. United States. National Seed Storage Lab., Ft. Collins, Co. 27509. Wyoming. Fruits oblate and globose, red. Cultivated. Seed.

451981 TO 452029-continued

452016. A-1750. 'Greater Baltimore'. United States. National Seed Storage Lab., Ft. Collins, Co. 27513. Iowa. Fruits globose, red. Cultivated. Seed.
452017. A-1751. 'Hipper 1'. United States. National Seed Storage Lab., Ft. Collins, Co. 27516. Wyoming. Fruits oblate, red. Cultivated. Seed.
452018. A-1752. 'Jubilee'. United States. National Seed Storage Lab., Ft. Collins, Co. Fruits oblate, tangerine-colored. Cultivated. Seed.
452019. A-1753. T 163. United States. National Seed Storage Lab., Ft. Collins, Co. 26393. Oklahoma. Fruits oblate, red. Cultivated. Seed.
452020. A-1754. T 159. United States. National Seed Storage Lab., Ft. Collins, Co. 26389. Oklahoma. Fruits oblate and globose, red. Cultivated. Seed.
452021. A-1755. T 157. United States. National Seed Storage Lab., Ft. Collins, Co. 26387. Oklahoma. Fruits oblate and globose, red. Cultivated. Seed.
452022. A-1756. T 166. United States. National Seed Storage Lab., Ft. Collins, Co. 26396. Oklahoma. Fruits oblate, red. Cultivated. Seed.
452023. A-1757. T 167. United States. National Seed Storage Lab., Ft. Collins, Co. 26397. Oklahoma. Fruits oblate, ovate, red. Cultivated. Seed.
452024. A-1758. T 106. United States. National Seed Storage Lab., Ft. Collins, Co. 26336. Oklahoma. Fruits globose, red. Cultivated. Seed.
452025. A-1759. T 22. United States. National Seed Storage Lab., Ft. Collins, Co. 26253. Oklahoma. Fruits oblate and globose, red. Cultivated. Seed.
452026. A-1770. Mexico. Palo Alto, California. O. W. Norvell, Stanford University. M 7280. Collected November 15, 1968. Puerto Vallarta, Jalisco. Fruits red. Seed.
452027. A-1771. Mexico. Palo Alto, California. O. W. Norvell, Stanford University. M 7281. Collected November 15, 1968. Puerto Vallarta, Jalisco. Fruits oblate and globose, pink. Seed.
452028. A-1772. Mexico. Palo Alto, California. O.W. Norvell, Stanford University. M 7369. Collected December 11, 1968. Orizaba, Vera Cruz. Fruits globose, red. Local name

451981 TO 452029-continued
Tomatillo. Seed.

452029. A-1773. Mexico. Palo Alto, California. C. W. Norvell, Stanford University. M 7456. La Ceiba, Puebla. Fruits cherry-type, globose, red.

452030 TO 452060. *Zea mays* L. (Poaceae) Field corn.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.
Received February 1980.

452030. A-1721. Gap Creek White Cob. Collected December 1976. A. Hicks farm, Greasy Cove Road, Cossy, Tennessee. Collected by M. Ellis, Iowa State University. Open pollinated type. Ears 20 to 23cm average length, 12 to 16 rows. Seeds deeply dented. Reportedly highly resistant to southern Corn Leaf Blight. Grown by Hicks family in Eastern Tennessee for generations. Primarily for hog feed. Cultivated. Seed.

452031. A-1765. United States. Ottumwa, Iowa. D. Mack. Collected January 20, 1977. Pod corn, husks and pods deep purple. Cobs white and red. Cultivated. Seed.

452032. A-1766. Early Butler. Collected January 21, 1977. Area of Butler, Pennsylvania. Cobs to 12cm long, red. Seeds medium yellow dent, with scattered white caps. Plants dry rapidly after physiological maturity, adapted to NE U.S. where length of growing season permits. Cultivated. Seed.

452033. A-1769. Ecuador. Palo Alto, California. C. W. Norvell, Stanford University. E 7894. Regional Plant Introduction Station, Pullman, Wash. Collected October 28, 1976. Ibarra. Cob to 15cm long, white. Local name Maiz blanco. Seed.

452034. A-1774. Byler's Amish Dent. United States. Leetonia, Ohio. W.D. Swope, 785 Beeson Mill Rd. Collected May 17, 1976. Lawrence County, Pennsylvania. Cobs to 22cm long, white and red. Grown in the Rudy C. Byler family for 70 years. Cultivated. Seed.

452035. A-1775. Byler's Amish Dent. United States. Leetonia, Ohio. W.D. Swope, 785 Beeson Mill Rd. Collected May 17, 1976. Lawrence County, Pennsylvania. Cobs to 15cm long, red. Grown in the Jonathan C. Byler family for 70 years. Cultivated. Seed.

452036. A-1776. Brindle corn. United States. Leetonia, Ohio. W.D. Swope, 785 Beeson Mill Rd. Collected May 17, 1976. Ephrata, Pennsylvania. Cobs to 25cm long, red. Seeds

452030 TO 452060-continued

- speckled. Grown by F. E. Weaver. Cultivated. Seed.
452037. A-1786. Bloody Butcher. United States. Alberta, Minnesota. E. H. Strubbe. Collected April 18, 1977. Not pure Bloody Butcher type. Ears solid, chunky, occasional yellow ear produced. Cobs red. Seeds blood red to deep maroon, dent. Cultivated. Seed.
452038. A-1787. ES Blue Dent. United States. Alberta, Minnesota. E. H. Strubbe. Black popcorn x yellow dent field corn. Collected April 18, 1977. Selected 25 years for solid blue color, some segregation still occurs. Cobs to 12cm, red. Cultivated. Seed.
452039. A-1788. ES Green Dent. United States. Alberta, Minnesota. E. H. Strubbe. Black popcorn x yellow dent field corn. Collected April 18, 1977. Selected for 40 years. Cobs to 12cm, red. Cultivated. Seed.
452040. A-1794. Golden Queen. United States. Leetonia, Ohio. W. D. Swope, 785 Beeson Mill Rd. Collected March 01, 1977. Lancaster County, Pennsylvania. Cobs to 20cm long, white and red. Seeds yellow dent. Grown by D. Brubaker. Cultivated. Seed.
452041. A-1795. Eyler's Amish Dent. United States. Leetonia, Ohio. W. D. Swope, 785 Beeson Mill Rd. Collected March 01, 1977. Cobs red. Seeds yellow dent. Cultivated. Seed.
452042. A-1796. White Cap Yellow Dent (Landis strain). United States. Leetonia, Ohio. W. D. Swope, 785 Beeson Mill Rd. Collected March 01, 1977. Lancaster County, Pennsylvania. Cobs to 20cm long, white and red. Seeds yellow dent, white caps. From D. Brubaker. Cultivated. Seed.
452043. A-1797. Brindle Corn. United States. Leetonia, Ohio. W. D. Swope, 785 Beeson Mill Rd. Collected March 01, 1977. Lancaster County, Pennsylvania. Cobs to 24cm long, white and red. Seeds orange-yellow, irregularly striped with red. Cultivated. Seed.
452044. A-1798. Red Dent. United States. Leetonia, Ohio. W. D. Swope, 785 Beeson Mill Rd. Collected March 01, 1977. Lancaster County, Pennsylvania. Cobs to 20cm, red. Seeds red dent, resembles Bloody Butcher. From D. Brubaker. Cultivated. Seed.
452045. A-1811. Jarvis Golden Prolific. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds yellow dent-flint. Cultivated. Seed.
452046. A-1812. Jellicorse. United States. Univ. of Tennessee,

452030 TO 452060-continued

- Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds white. Cultivated. Seed.
452047. A-1813. Neal Paymaster. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds white. Cultivated. Seed.
452048. A-1814. Yellow Neal Paymaster. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds yellow. Cultivated. Seed.
452049. A-1815. Huffman. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds white. Cultivated. Seed.
452050. A-1816. Rockdale. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds white. Cultivated. Seed.
452051. A-1817. Hickory King (TFC). United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds white. Cultivated. Seed.
452052. A-1818. Yellow Hickory King. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds yellow. Cultivated. Seed.
452053. A-1819. Yellow Thompson. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds yellow. Cultivated. Seed.
452054. A-1820. Big White. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds white. Cultivated. Seed.
452055. A-1821. Pritchitt Blue. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds blue. Cultivated. Seed.
452056. A-1822. Indian Corn (Tenn.). United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Tennessee. Seeds mixed colors. Cultivated. Seed.

452030 TO 452060-continued

452057. A-1823. Gobi Yellow. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected March 06, 1978. Originally from South Africa. Seeds yellow flint. Cultivated. Seed.
452058. A-1824. Heid's Yellow Dent. United States. Dixon, Illinois. Wilmer Gerdes, R R 2. Tom Kevern, Dept. of Agron., Iowa State Univ., Ames. Collected April 25, 1978. Ears with 20 paired rows. Kernels deep, heavy butts. Also known as 'Worlds Fair'. Cultivated. Seed.
452059. A-1825. Yellow Jellicorse. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected May 02, 1978. Originally from South Africa. Seeds yellow flint. Cultivated. Seed.
452060. A-1848. Cow corn. United States. Univ. of Tennessee, Knoxville. L.M. Josephson, Dept. of Plant and Soil Science. Collected February 05, 1979. South Carolina. Seeds long narrow, white dent. Ears 5 or 6 per plant, harvested before pollination for tenderness and pickled. Also called 'South Carolina Cow Corn' and 'Georgia Cow Corn'. Cultivated. Seed.

452061 TO 452064. Zea mays L. (Poaceae) Popcorn.

From United States. Donated by Regional Plant Introduction Station, Iowa State University, Ames, Iowa.
Received February 1980.

452061. A-1789. Black Beauty. United States. Alberta, Minnesota. E. H. Strubbe. Collected April 18, 1977. Black popcorn. Cobs to 12cm long. Garden favorite around 1920's. Cultivated. Seed.
452062. A-1790. United States. Alberta, Minnesota. E. H. Strubbe. Red popcorn. Cobs to 10cm long, red. Segregates for short, thick ears, and long slim ears. Probably a mixture of 'Garnet' and 'Red Beauty'. Popular in 1920's and 30's. Cultivated. Seed.
452063. A-1791. Golden Australian Hulless. United States. Alberta, Minnesota. E. H. Strubbe. Collected April 18, 1977. Yellow popcorn. Cobs to 7cm, white. Seeds obtained in early 1930's from Burgess Seed Co., Galesburg, Michigan. Cultivated. Seed.
452064. A-1792. Pinky Popcorn. United States. Alberta, Minnesota. E. H. Strubbe. Collected April 18, 1977. Pink popcorn. Cobs to 10cm long, white. Variety developed in 1930's and originally obtained from O.H. Will Seed Co., Bismarck, ND.

452061 TO 452064-continued
Cultivated. Seed.

452065. *Zea mays* L. (Poaceae) Sweet corn.

From United States. Donated by Regional Plant Introduction
Station, Iowa State University, Ames, Iowa.
Received February 1980.

A-1793. Pickeninny Sweetcorn. United States. Alberta,
Minnesota. E.H. Strubbe. Collected April 18, 1977. Black
sweetcorn. Stalks short. Cobs to 12cm long, white. Seeds
black. Smut susceptible. Seed originally obtained from
O.H. Will Seed Co., Bismarck, ND in the 1930's.

452066 TO 452071. *Coffea arabica* L. (Rubiaceae) Coffee.

From India. Donated by Central Coffee Research Institute,
Karnataka, Mysore State.
Received August 1980.

452066. S. 2498. 2129 X 2045 Agaro (795 x S. R.). Cultivated.
Breeding material. Seed.

452067. S. 2499. 2045 x 2129. Cultivated. Breeding material.
Seed.

452068. S. 2581. Portugal. Oeiras. Centro do Investigacao das
Ferrugens do Cafeeior. 795 x Hibrido de Timor. Cultivated.
Breeding material. Seed.

452069. S. 2593. Portugal. Oeiras. Centro do Investigacao das
Ferrugens do Cafeeior. Wollamo x Hibrido de Timor.
Cultivated. Breeding material. Seed.

452070. S. 2792. Tafari-kela x Hibrido de Timor. Cultivated.
Breeding material. Seed.

452071. S. 3708. S.R. (2498) x Hibrido de Timor. Cultivated.
Breeding material. Seed.

<i>Abelmoschus esculentus</i>	451824		<i>Centrosema plumieri</i>	443510-
<i>Aegilops speltoides</i>	449338-		443511	
449341			<i>Cephalanthus occidentalis</i>	
<i>Agrostis gigantea</i>	443034-		443125	
443051			<i>Chamaecyparis lawsoniana</i>	
<i>Albizia lebeck</i>	443504		443014	
<i>Allium cepa</i>	447002		<i>Chloris gayana</i>	451718-451720
<i>Alnus rugosa</i>	443052		<i>Chrysanthemum leucanthemum</i>	
<i>Alysicarpus vaginalis</i>	451717		443126-443206	
<i>Amaranthus cruentus</i>	451710-		<i>Cicer arietinum</i>	450553-451689
451711, 451825-451826			<i>Clitoria ternatea</i>	451721
<i>Apium graveolens</i>	445838, 446891		<i>Coffea arabica</i>	451695-451703,
<i>Apocynum sp.</i>	443053		452066-452071	
<i>Arachis hypogaea</i>	443028-443033,		<i>Cornus amomum</i>	443207-443226
445919-445959, 449334-449337			<i>Cornus sp.</i>	443266-443267
<i>Arachis sp.</i>	446898		<i>Cornus stolonifera</i>	443227-
<i>Armeria maritima</i>	443054		443265	
<i>Asclepias tuberosa</i>	443055-		<i>Coronilla varia</i>	443268
443072			<i>Crotalaria longirostrata</i>	
<i>Asparagus arborescens</i>	449370		451831	
<i>Asparagus crispus</i>	449371		<i>Crotalaria sp.</i>	443512
<i>Asparagus densiflorus</i>	449372		<i>Cucumis melo</i>	446928-446931
<i>Asparagus falcatus</i>	449373		<i>Cucumis sativus</i>	451975-451976
<i>Asparagus gonocladus</i>	446912		<i>Cucurbita ficifolia</i>	449342-
<i>Asparagus setaceus</i>	449374		449343, 451832-451834	
<i>Aster novae-angliae</i>	443073-		<i>Cucurbita mixta</i>	449344, 451712
443122			<i>Cucurbita moschata</i>	449345-
<i>Avena nuda</i>	447272-447276		449349, 451835-451848	
<i>Avena sativa</i>	446911, 447277-		<i>Cucurbita pepo</i>	449350, 451849-
447297			451854	
<i>Avena sp.</i>	447298-447299		<i>Cucurbita sp.</i>	449332, 451939-
<i>Baptisia australis</i>	443123		451940	
<i>Berberis koreana</i>	443124		<i>Cyamopsis tetragonoloba</i>	443025
<i>Brassica campestris</i>	449454		<i>Cynodon dactylon</i>	443269
<i>Brassica juncea</i>	449436-449439		<i>Dactylis glomerata</i>	443270
<i>Brassica napus</i>	443015		<i>Danthonia spicata</i>	443271
<i>Brassica oleracea</i>	443016-		<i>Daucus carota</i>	451752-451761
443022			<i>Desmodium sp.</i>	443487
<i>Brassica rapa</i>	443023-443024,		<i>Dioscorea sp.</i>	449433-449435
446892			<i>Dolichos lablab</i>	451722, 451934
<i>Cajanus cajan</i>	451933, 451938		<i>Fagopyrum esculentum</i>	451723
<i>Canavalia ensiformis</i>	451827-		<i>Festuca arundinacea</i>	449300
451828			<i>Genista canariensis</i>	449375-
<i>Canavalia sp.</i>	451829-451830		449377	
<i>Capsicum annuum</i>	446899, 449331		<i>Genista stenopetala</i>	449378-
<i>Capsicum baccatum</i>	446900		449379	
<i>Capsicum chinense</i>	446901-		<i>Glycine canescens</i>	446934-
446905			446938	
<i>Capsicum eximium</i>	446906		<i>Glycine clandestina</i>	446939-
<i>Capsicum frutescens</i>	443505,		446944	
446907-446908, 451762			<i>Glycine latifolia</i>	446964
<i>Capsicum praetermissum</i>	446909		<i>Glycine max</i>	445680-445683,
<i>Carthamus tinctorius</i>	451950-		445786-445837, 445842-445849,	
451958			446893, 449456-449460	
<i>Ceiba pentandra</i>	443506		<i>Glycine soja</i>	447003-447004
<i>Cenchrus ciliaris</i>	443507-		<i>Glycine sp.</i>	443513
443509			<i>Glycine tabacina</i>	446945, 446965-

446979,446999-447000		443314	
Glycine tomentella	446946-	Lotus tenuis	443315
445963,446980-446998,	447001	Lotus uliginosus	443316-443331
Gossypium hirsutum	443488,	Luffa aegyptiaca	443741
451741-451750,451855		Lupinus perennis	443332
Hedysarum coronarium	451724	Lycopersicon esculentum	443742,
Helianthus annuus	451713	451767,451941,451959-451974,	
Helianthus petiolaris	451977-	451981-452029	
451978		Lysiloma sp.	443743-443746
Helianthus rigidus	451979	Macroptilium atropurpureum	
Helianthus tuberosus	451980	451726	
Hesperis matronalis	443272-	Macroptilium sp.	451859
443300		Malva alcea	443333
Hibiscus syriacus	445779	Malva moschata	443334-443357
Hordeum vulgare	445684-445687,	Medicago sativa	445675-445676,
445850-445861,446894,447005-		445871-445874,449304-449323,	
447037,447050-447271,447300-		449432,449455,451727-451728	
447336,449275-449281,449290,		Mucuna deeringiana	451860
451751		Mucuna velutina	451861
Hyptis suaveolens	451714	Neonotonia wightii	449461-
Ilex verticillata	443301-	449464,451729	
443302		Nicotiana tabacum	446932
Kniphofia uvaria	443303	Oenothera biennis	443358-
Lactuca sativa	449333	443378	
Lagenaria siceraria	451856-	Oenothera lamarkiana	443379
451857		Oryza glaberrima	450176-450552
Lathyrus latifolius	443304-	Oryza sativa	443747-443748,
443312		445960-445971,446913-446927,	
Lathyrus nigrivalvis	451858	446933,449351-449352	
Lens culinaris	449361-449362,	Panicum antidotale	451730
451763-451766		Panicum clandestinum	443380
Leucaena collinsii	443514-	Panicum coloratum	446896-
443520		446897	
Leucaena diversifolia	443476-	Panicum maximum	451731
443477,443489-443495,443497-		Panicum virgatum	443381-443385
443501,443521-443527		Paspalum notatum	451732
Leucaena esculenta	443528-	Phalaris aquatica	449324
443546		Phaseolus coccineus	449381,
Leucaena lanceolata	443547-	451768-451770,451862-451874,	
443554		451876,451883-451884	
Leucaena leucocephala	443467-	Phaseolus lignosus	449369
443470,443473-443474,443478-		Phaseolus lunatus	451715,
443484,443502,443555-443721,		451771-451783,451875,451922,	
451725		451924-451925	
Leucaena macrophylla	443722-	Phaseolus vulgaris	449382-
443726		449431,451784-451819,451877-	
Leucaena pulverulenta	443727	451882,451885-451921,451923	
Leucaena shannonii	443485-	Piper sp.	443496
443486,443503,443728-443738		Pisum sativum	451820-451822
Leucaena sp.	443739-443740	Psoralea balsamica	449354
Leucaena trichodes	443471-	Psoralea bituminosa	449380
443472,443475		Psoralea cinerea	449355-449357
Linum lewisii	445972	Psoralea eriantha	449358-
Lolium multiflorum	449301-	449360	
449302		Puccinellia distans	443386
Lolium perenne	449303	Pyrus communis	449284-449289
Lotus corniculatus	443313-	Rhynchelytrum repens	443749

Robinia hispida	443387	Viburnum hybrid	445780-445781
Rudbeckia hirta	443388-443411	Vicia benghalensis	449330
Saponaria officinalis	443412-443434	Vigna radiata	451926
Secale anatolicum	445973-445974	Vigna sp.	443026, 451936
Secale ancestrale	445975-445976	Vigna umbellata	451823, 451927
Secale cereale	443435, 445977-446816, 446890, 447337	Vigna unguiculata	447430-449274, 451928, 451931-451932, 451937, 451942-451949
Secale dalmaticum	446817-446818	X Triticosecale	445677-445679
Secale dighoricum	446819-446820	Zea mays	443755-445665, 449292, 449465-450175, 451690-451694, 451716, 451929-451930, 452030-452065
Secale fragile	446821		
Secale hybrid	446822-446864		
Secale kuprijanovii	446865-446866		
Secale montanum	446867-446872		
Secale segetale	446873-446880		
Secale silvestre	446881-446885		
Secale sp.	446886		
Secale vavilovii	446887-446889		
Sesamum mulayanum	443027		
Setaria anceps	451733-451734		
Silene vulgaris	443436-443437		
Solanum tuberosum	451704-451709		
Sorghum bicolor	445666-445674, 449440-449453		
Sorghum sudanense	451737		
Sorghum x aluum	451735-451736		
Spinacia oleracea	445782-445785, 449353		
Teramnus sp.	451935		
Trifolium alexandrinum	445875-445898, 449325, 449363		
Trifolium ambiguum	443438-443442		
Trifolium fragiferum	449364		
Trifolium incarnatum	449365		
Trifolium lupinaster	449366		
Trifolium medium	443443-443466		
Trifolium pratense	449326, 449367		
Trifolium repens	449368		
Trifolium resupinatum	445839-445841, 445899-445918		
Trifolium subterraneum	449327		
Triticum aestivum	445688-445778, 445862-445870, 446895, 446910, 447038-447049, 447338-447420, 447423-447429, 449282-449283, 449291, 449293-449299, 449328-449329, 451738-451740		
Triticum durum	447421-447422		
Undetermined	443750-443754		

African rice	450176-450552	Durum wheat	447421-447422
Aji	446900-446905	Fern asparagus	449374
Alfalfa	445675-445676, 445871-445874, 449304-449323, 449432, 449455, 451727-451728	Field corn	443755-445665, 449465-450175, 451690-451694, 451716, 452030-452060
Alum sorghum	451735-451736	Field pea	451821-451822
Asian pigeonwings	451721	Figleaf gourd	449342-449343, 451832-451834
Bahiagrass	451732	French honeysuckle	451724
Barley	445684-445687, 445850-445861, 446894, 447005-447037, 447050-447271, 447300-447336, 449275-449281, 449290, 451751	Garden bean	449382-449431, 451784-451819, 451877-451882, 451885-451921, 451923
Bernudagrass	443269	Garden pea	451820
Berseem clover	445875-445898, 449325, 449363	Grain sorghum	445666-445674, 449440-449453
Bird rape	449454	Guar	443025
Birdsfoot trefoil	443313-443314	Guineagrass	451731
Black-eyed Susan	443388-443411	Hazel alder	443052
Blue panicgrass	451730	Honeydew	446928-446931
Blue wild-indigo	443123	Hyacinth bean	451722, 451934
Bottle gourd	451856-451857	Indian mustard	449436-449439
Bouncing-Bet	443412-443434	Italian ryegrass	449301-449302
Broccoli	443022	Jackbean	451827-451828
Buckwheat	451723	Jerusalem artichoke	451980
Buffelgrass	443507-443509	Kansas sunflower	451977-451978
Bulbous canarygrass	449324	Kapok	443506
Butterflyweed	443055-443072	Kleingrass	446896-446897
Buttonbush	443125	Kura clover	443438-443442
Cabbage	443016-443019	Leadtree	443467-443470, 443473-443474, 443478-443484, 443502, 443555-443721, 451725
Carrot	451752-451761	Lebeck	443504
Cauliflower	443020-443021	Lentil	449361-449362, 451763-451766
Celery	445838, 446891	Lettuce	449333
Cherry tomato	451973-451974	Lima bean	451715, 451771-451783, 451875, 451922, 451924-451925
Chickpea	450553-451689	Mountain rye	446867-446872
Coffee	451695-451703, 452066-452071	Hungbean	451926
Common Evening-Primrose	443358-443378	Musk mallow	443334-443357
Common oat	446911, 447277-447297	Naked oats	447272-447276
Common Torchlily	443303	Narrowleaf trefoil	443315
Common wheat	445688-445778, 445862-445870, 446895, 446910, 447038-447049, 447338-447420, 447423-447429, 449282-449283, 449291, 449293-449299, 449328-449329, 451738-451740	Natalgrass	443749
Common winterberry	443301-443302	New England Aster	443073-443122
Crimson clover	449365	Okra	451824
Crownvetch	443268	Oneleaf-clover	451717
Cucumber	451975-451976	Orchardgrass	443270
Dane's-Rocket	443272-443300	Oxeye Daisy	443126-443206
Deer tongue	443380	Peanut	443028-443033, 445919-445959, 449334-449337
Dogbane	443053	Pear	449284-449289
Droping asparagus	449371	Perennial glycine	449461-449464, 451729
		Perennial peavine	443304-443312
		Perennial ryegrass	449303

Persian clover	445839-445841,
	445899-445918
Pigeon pea	451933,451938
Popcorn	451929,452061-452064
Potato	451704-451709
Poverty Oatgrass	443271
Pumpkin	449350
Purple vetch	449330
Red clover	449326,449367
Redpepper	443505,446907-446908,
	451762
Redtop	443034-443051
Rhodesgrass	451718-451720
Rice	443747-443748,445960-
	445971,446913-446927,446933,
	449351-449352
Rutabaga	443015
Rye	443435,445977-446795,
	446890,447337
Safflower	451950-451958
Scarlet runner bean	449381,
	451768-451770,451862-451874,
	451876,451883-451884
Shrub althea	445779
Silky Dogwood	443207-443226
Siratro	451726
Southern pea	447430-449274
Soybean	445680-445683,445786-
	445837,445842-445849,446893,
	449456-449460
Spinach	445782-445785,449353
Sprenger asparagus	449372
Squash	449345-449349,451835-
	451848
Stiff sunflower	451979
Strawberry clover	449364
Sudangrass	451737
Summer squash	451849-451854
Sun-Dial Lupine	443332
Sunflower	451713
Sweet corn	449292,452065
Switchgrass	443381-443385
Tall fescue	449300
Teosinte	451930
Tobacco	446932
Tomato	443742,451767,451941,
	451959-451972,451981-452029
Triticale	445677-445679
Turnip	443023-443024,446892
Upland cotton	443488,451741-
	451750,451855
Vegetable sponge	443741
Velvetbean	451860
Weeping alkaligrass	443386
White clover	449368
Wild soybean	447003-447004
Zig-zag clover	443443-443466