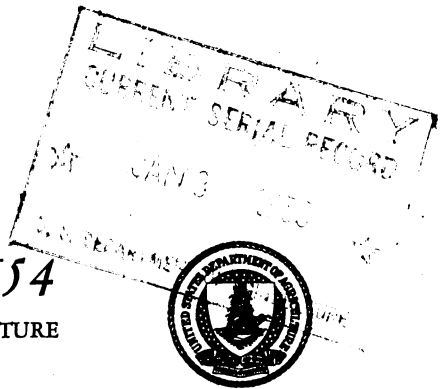


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Plant Inventory No. 154

UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D. C., November 1952

PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION, JANUARY 1 TO DECEMBER 31, 1946 (Nos. 153052 to 157146)

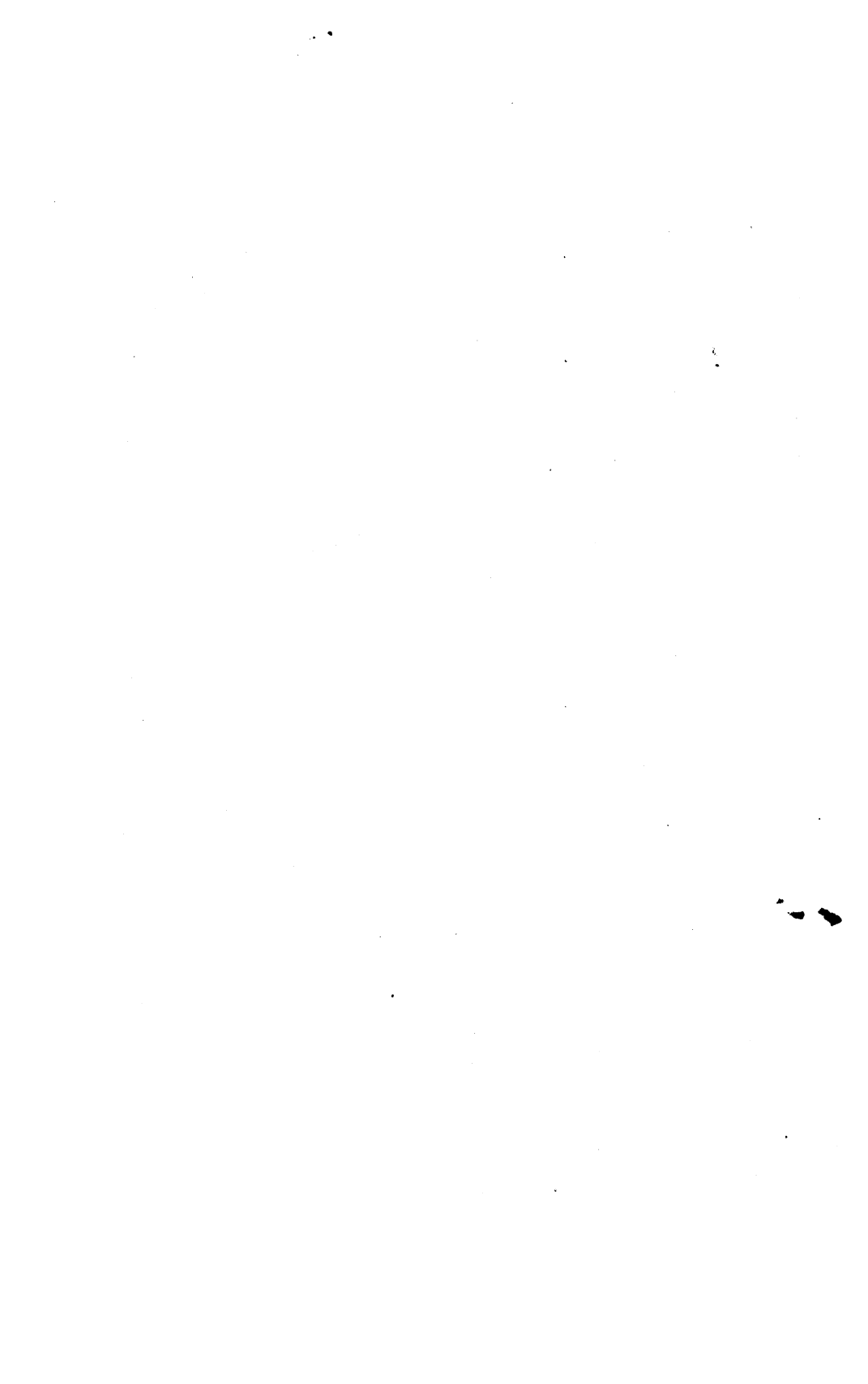
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This inventory, No. 154, lists the plant material (Nos. 153052 to 157146) received by the Division of Plant Exploration and Introduction during the period from January 1 to December 31, 1946. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

PAUL G. RUSSELL,
Botanist.

*Plant Industry Station,
Beltsville, Md.*



INVENTORY

153052. SCHISMUS BARBATUS (L.) Thell. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received Jan. 3, 1946.

153053 to 153067.

From Southern Rhodesia. Seeds presented by the Department of Agriculture, Salisbury. Received Jan. 2, 1946.

153053. BRACHIARIA DICTYONEURA (Fig. & De Not.) Stapf. Poaceae.

153054 and 153055. CHLORIS GAYANA Kunth. Poaceae.

Rhodes grass.

153054. *Hunyani Grass.*

153055. *Giant Rhodes Grass.*

153056. CROTALARIA DILLONIANA Baker. Fabaceae.

153057. CROTALARIA sp.

153058. CROTALARIA RECTA A. Rich.

An erect plant 2 to 3 feet high with obovate-oblong leaflets and small flowers in a terminal raceme 6 to 9 inches long. Native to Ethiopia.

153059. GLYCINE JAVANICA L. Fabaceae.

153060. INDIGOFERA HIRSUTA L. Fabaceae.

Indigo.

153061. INDIGOFERA THEUSCHII O. Hoffm.

Indigo.

A densely branched, herbaceous plant with small pinnate leaves and pinkish flowers in lax racemes 2 to 3 inches long. Native to southwestern Africa.

153062. PANICUM COLORATUM L. Poaceae.

153063. PANICUM MAXIMUM Jacq.

Guinea grass.

Purple-top Buffel Grass.

153064. PENNISETUM CILIARE (L.) Link. Poaceae.

153065. SETARIA LONGISETA (Beauv.) Chase. Poaceae.

153066. SETARIA SPLENDIDA Stapf.

153067. SORGHUM ARUNDINACEUM (Willd.) Stapf. Poaceae.

153068. ZAMIA PUMILA L. Cycadaceae.

From Cuba. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Jan. 21, 1946.

Originally received as seeds from R. M. Grey, Atkins Institution, Harvard University, Soledad, Cienfuegos.

153069. QUERCUS SUBER L. Fagaceae.

Cork oak.

From California. Seeds presented by The Crown Cork and Seal Co., Baltimore, Md. Received Jan. 18, 1946.

From Fresno.

153070 to 153092. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 2, 1946.

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|--------------------------------------|--------------------------------|
| 153070. <i>Australian Saucer.</i> | 153082. <i>Golden Jubilee.</i> |
| 153071. <i>Babcock.</i> | 153083. <i>Greensboro.</i> |
| 153072. <i>Belle.</i> | 153084. <i>Halehaven.</i> |
| 153073. <i>Chinese Cling.</i> | 153085. <i>Hiley.</i> |
| 153074. <i>Cumberland.</i> | 153086. <i>J. H. Hale.</i> |
| 153075. <i>Dixie Gem.</i> | 153087. <i>Muir.</i> |
| 153076. <i>Dixie Red.</i> | 153088. <i>Phillips Cling.</i> |
| 153077. <i>Early Crawford.</i> | 153089. <i>Redhaven.</i> |
| 153078. <i>Early Elberta.</i> | 153090. <i>Sunhigh.</i> |
| 153079. <i>Elberta.</i> | 153091. <i>Triogem.</i> |
| 153080. <i>Fireglow.</i> | 153092. <i>Valiant.</i> |
| 153081. <i>Gemmers Late Elberta.</i> | |

153093 to 153095. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 2, 1946.

153093. *Golden East.*
 153094. *Raritan Rose.*
 153095. *Summercrest.*

153096 to 153099. AVENA SATIVA L. Poaceae. Oats.

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received Jan. 2, 1946.

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| 153096. No. 657. <i>Bambu.</i> | 153098. No. 692. <i>Larain.</i> |
| 153097. No. 541. <i>Lanark.</i> | 153099. No. 665. <i>Primus.</i> |

153100 to 153103. BRASSICA OLERACEA VAR. CAPITATA L. Brassicaceae. Cabbage.

From Michigan. Seeds purchased from the Ferry-Morse Seed Co., Detroit. Received Jan. 3, 1946.

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| 153100. <i>Ferry's Round Dutch.</i> | 153102. <i>Jersey Queen.</i> |
| 153101. <i>Golden Acre.</i> | 153103. <i>Resistant Detroit.</i> |

153104. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From China. Seeds obtained from C. C. Chang, Director of Agricultural Rehabilitation, Kansu Provincial Government, Lanchow, Kansu Province. Received Jan. 4, 1946.

Spring wheat; resistant to rust; nonlodging; yield high.

153105 to 153107. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Georgia. Seeds purchased from the H. G. Hastings Co., Atlanta. Received Jan. 4, 1946.

153105. *Hastings Super-Marglobe.*
 153106. *Hastings Everbearing Scarlet Globe.*
 153107. *Louisiana Pink.*

153108 to 153119.

From Maryland. Cuttings obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 4, 1946.

153108 to 153111. PRUNUS ARMENIACA L. Amygdalaceae. **Apricot.**

153108. *Blenheim.* 153110. *Sofia.*

153109. *Perfection.* 153111. *Tilton.*

153112 and 153113. PRUNUS CERASUS L. **Sour cherry.**

153112. *Early Richmond.*

153113. *Montmorency.*

153114. PRUNUS ARMENIACA L. **Apricot.**

Riland.

153115. PRUNUS CERASUS L. **Sour cherry.**

St. Medard.

153116 to 153119. PYRUS COMMUNIS L. Malaceae. **Common pear.**

153116. *Anjou.* 153118. *Seckel.*

153117. *Bartlett.* 153119. *Winter Nelis.*

153120. TRITICUM DURUM Desf. Poaceae. **Durum wheat.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 8, 1946.

Carlton Durum.

153121. ZEA MAYS L. Poaceae. **Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 8, 1946.

Iowa Hybrid 306.

153122 to 153127. PHASEOLUS LUNATUS L. Fabaceae. **Lima bean.**

From Réunion. Seeds obtained from Lionel de Tourris & Cie, Saint Denis. Received Jan. 2, 1946.

153122. No. 6. *Pois d'Achery, Panaché Bleu.*

153123. No. 4. *Pois d'Achery, Blanco.*

153124. No. 3. *Pois d'Achery, Panaché Rouge.*

153125. No. 2. *Pois d'Achery Sauvage.*

Said to be poisonous.

153126. No. 1. *Pois Dragee.*

153127. No. 5. *Pois La Reine.*

153128. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From England. Seeds presented by Sutton & Sons, Ltd., Reading, through the British Commonwealth Scientific Office, Washington, D. C. Received Jan. 11, 1946.

153129. CHENOPODIUM ANTHELMINTICUM L. Chenopodiaceae.

From Maryland. Seeds obtained from the Carroll County Essential Oil Co., Woodbine. Received Jan. 11, 1946.

153130 to 153152. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 14, 1946.

153130. <i>Aoda.</i>	153142. <i>Macoupin.</i>
153131. <i>Armrodo.</i>	153143. <i>Mingo.</i>
153132. <i>Boone.</i>	153144. <i>Monetta.</i>
153133. <i>Charlee.</i>	153145. <i>Mukden.</i>
153134. <i>Cherokee.</i>	153146. <i>Ogden.</i>
153135. <i>Chief.</i>	153147. <i>Patoka.</i>
153136. <i>Clemson Non-shatter.</i>	153148. <i>Richland.</i>
153137. <i>Creole.</i>	153149. <i>Rokusun-17.</i>
153138. <i>Dunfield.</i>	153150. <i>Seminole.</i>
153139. <i>Gibson.</i>	153151. <i>Tastee.</i>
153140. <i>Hahto-3.</i>	153152. <i>Volstate.</i>
153141. <i>Lincoln.</i>	

153153. CASTANEA MOLLISSIMA Blume. Fagaceae. Hairy chestnut.

From China. Seeds presented by the National Bureau of Forest Research, Koleshan, Chungking, Szechwan. Received Jan. 14, 1946.

Collected near Tsingmakwan, and Nanchuan, Szechwan.

153154 and 153155. HORDEUM VULGARE L. Poaceae. Barley.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 22, 1946.

153154. <i>Chevron.</i>
153155. <i>Titan.</i>

153156 to 153165.

From Argentina. Seeds presented by Ing. Humberto Berti T., Universidad de La Plata, La Plata. Received Jan. 16, 1946.

153156 to 153159. ARACHIS HYPOGAEA L. Fabaceae.	Common peanut.
153156. 44-183.	153158. 44-187.
153157. 44-185.	153159. 44-190.

153160 to 153164. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.

153160. No. 787. <i>Kruglik.</i> Selection Pergamino.
153161. No. 788. <i>Saratov.</i> Selection Pergamino.
153162. No. 789. Selection Klein.
153163. No. 790. <i>Skoroselhi.</i> Selection Pergamino.
153164. Mixed varieties.

153165. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

Tartago.

153166. SORGHUM VULGARE Pers. Poaceae.

From the Union of South Africa. Seeds presented by C. R. Enlow, Agricultural Attaché, Pretoria. Received Jan. 11, 1946.

Kafir from near Rust der Winter on the Limpopo River.

153167 to 153173. ARACHIS HYPOGAEA L. Leguminosae.

Common peanut.

From Argentina. Seeds presented by the Estación Experimental Nacional Central, Buenos Aires. Received Jan. 21, 1946.

153167 and 153168. From the Province of Buenos Aires.

153169. From the Province of Corrientes.

153170. From the Territory of Misiones.

153171 to 153173. From the Province of Corrientes.

153174 to 153179. ORYZA SATIVA L. Poaceae.

Rice.

From Maryland. Seeds from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 22, 1946.

153174. *Calady 40.*

153177. *Lady Wright.*

153175. *Delitus.*

153178. *Iola.*

153176. *Improved Blue Rose.*

153179. *Zenith.*

153180 to 153202.

From Maryland. Seeds presented by the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 22, 1946.

153180 to 153184. AVENA SATIVA L. Poaceae.

Oats.

153180. *Clinton.*

153183. *Stanton.*

153181. *Forvic.*

153184. *Vicland.*

153182. *Marion.*

153185 to 153195. HORDEUM VULGARE L. Poaceae.

Barley.

153185. *Alpha.*

153191. *Sanalta.*

153186. *Hannchen.*

153192. *Spartan.*

153187. *Horn.*

153193. *Trebi.*

153188. *Mars.*

153194. *Velvon 11.*

153189. *Montcalm.*

153195. *Wisconsin Barbless.*

153190. *Rez.*

153196 to 153200. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

153196. *Cadet.*

153199. *Tenmarq.*

153197. *Carleton.*

153200. *Thorne.*

153198. *Hymar.*

153201 and 153202. ZEA MAYS L. Poaceae.

Corn.

153201. *Iowa Hybrid 306.*

153202. *Minhybrid 404.*

153203 to 153308. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

From Belgium. Seeds presented by the Belgian Department of Agriculture, Brussels. Received Jan. 23, 1946.

153203. *B-2.*

153208. *B-9.*

153204. *B-3.*

153209. *B-10.*

153205. *B-4.*

153210. *B-11.*

153206. *B-5.*

153211. *B-12.*

153207. *B-6.*

153212. *B-15 (821).*

153203 to 153308—Continued

153213. *B-16.*
 153214. *B-17.*
 153215. *B-18 (824).*
 153216. *B-19.*
 153217. *B-20.*
 153218. *B-21.*
 153219. *B-22.*
 153220. *B-23.*
 153221. *B-24.*
 153222. *B-25.*
 153223. *B-26.*
 153224. *B-27.*
 153225. *B-29.*
 153226. *B-30.*
 153227. *B-31.*
 153228. *B-32.*
 153229. *B-33.*
 153230. *B-34.*
 153231. *B-63.*
 153232. *J-2.*
 153233. *J-5 (Wanengin).*
 153234. *J-5A.*
 153235. *J-6 (Grignon).*
 153236. *J-8.*
 153237. *J-10 (Grignon).*
 153238. *J-14.*
 153239. *J-16.*
 153240. *J-21.*
 153241. *J-22.*
 153242. *J-23.*
 153243. *J-24.*
 153244. *J-26.*
 153245. *J-28.*
 153246. *J-29.*
 153247. *J-31.*
 153248. *J-32 (851).*
 153249. *J-35.*
 153250. *J-35A.*
 153251. *J-39.*
 153252. *J-40.*
 153253. *J-44.*
 153254. *J-48.*
 153255. *J-49.*
 153256. *J-50.*
 153257. *J-51.*
 153258. *J-52.*
 153259. *J-54.*
 153260. *J-56.*
 153261. *J-58.*
 153262. *J-61.*
 153263. *J-62A.*
 153264. *N-1.*
 153265. *N-2 (Grignon 10).*
 153266. *N-3 (236).*
 153267. *N-4 (Black 0).*
 153268. *N-5 (8081).*
 153269. *N-6 (850).*
 153270. *N-7.*
 153271. *N-8.*
 153272. *N-9 (810).*
 153273. *N-10 (Delitzer).*
 153274. *N-11.*
 153275. *N-14 (771).*
 153276. *N-15 (809).*
 153277. *N-18 (489).*
 153278. *N-19 (816).*
 153279. *N-20 (8021).*
 153280. *N-21.*
 153281. *N-22.*
 153282. *N-23.*
 153283. *N-24 (793).*
 153284. *N-25 (Noir de Toulouse (785) Vilmorin).*
 153285. *N-26.*
 153286. *N-27 (Tokio-Nain Noir (787) Vilmorin).*
 153287. *N-28.*
 153288. *N-29 (788).*
 153289. *N-30 (638).*
 153290. *N-31 (816).*
 153291. *N-32 (Karbine (786) Vilmorin).*
 153292. *N-33.*
 153293. *N-34.*
 153294. *N-36.*

153203 to 153308—Continued

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| 153295. <i>N-87.</i> | 153302. <i>V-16.</i> |
| 153296. <i>V-4.</i> | 153303. <i>Brown X.</i> |
| 153297. <i>V-6.</i> | 153304. <i>Grignon 37.</i> |
| 153298. <i>V-9 (Rouest 246).</i> | 153305. <i>Petit Jaune de Hougrie.</i> |
| 153299. <i>V-12 (815).</i> | 153306. <i>Rouest 29.</i> |
| 153300. <i>V-13.</i> | 153307. <i>Tokio Nain Noir.</i> |
| 153301. <i>V-14.</i> | 153308. <i>Yellow.</i> |

153309 to 153321. *GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.*
 From France. Seeds presented by A. Matagrín, Chindrieux, Savoie. Received Jan. 24, 1946.

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| 153309. <i>Bergerac.</i> | 153316. <i>Meng Tseu.</i> |
| 153310. <i>Cairo.</i> | 153317. <i>Onze Novembre.</i> |
| 153311. <i>C.N.S. 24 (de Charlien).</i> | 153318. <i>Sun.</i> |
| 153312. <i>Japonica.</i> | 153319. <i>Tohang.</i> |
| 153313. <i>Kleverhof.</i> | 153320. <i>Tokio Jaune d'Aubignun.</i> |
| 153314. <i>Kong Fou Tseu.</i> | 153321. <i>Vert d'Agen.</i> |
| 153315. <i>Maguisard.</i> | |

153322 to 153344. *ARACHIS. Fabaceae. Peanut.*

From the Union of South Africa. Seeds presented by the Potchefstroom College of Agriculture and Experiment Station, Pretoria, Transvaal. Received Jan. 28, 1946.

- 153322 to 153331. *Rustenburg × Hebbal.*
- | | |
|----------------------------|----------------------------|
| 153322. <i>No. G. 92.</i> | 153327. <i>No. G. 57.</i> |
| 153323. <i>No. G. 105.</i> | 153328. <i>No. G. 59.</i> |
| 153324. <i>No. G. 108.</i> | 153329. <i>No. G. 68.</i> |
| 153325. <i>No. G. 112.</i> | 153330. <i>No. G. 340.</i> |
| 153326. <i>No. G. 44.</i> | 155331. <i>No. G. 342.</i> |
153332. *Jumbo × Hebbal No. G. 118.*
 153333. *Jumbo × Hebbal No. G. 122.*
 153334. *Jumbo × Hebbal No. G. 74.*
 153335. *Rustenburg × Java 10 No. G. 132.*
 153336. *Rustenburg × Java 10 No. G. 346.*
 153337. *Rustenburg × Natal Common No. G. 66.*
 153338 to 153341. *Arachis nambyquarae × Java 10.*
- | | |
|------------------------------|----------------------------|
| 153338. <i>No. G. 144.</i> | 153340. <i>No. G. 348.</i> |
| 153339. <i>No. G. 90(a).</i> | 153341. <i>No. G. 21.</i> |
153342. *Arachis nambyquarae × Hebbal No. G. 345.*
 153343. *Potch. 570 × Arachis nambyquarae No. G. 336. Very large pods.*
 153344. *Virginia Bunch × Rustenburg No. G. 6. Fodder type.*

153345 and 153346. *LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.*

From Wyoming. Seeds from the United States Horticultural Field Station, Cheyenne. Received Jan. 28, 1946.

153345. *Danmark.*
 153346. *Johannusfeuer.*

153347. SCHISMUS sp. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Jan. 2, 1946.

153348. PANICUM MAXIMUM Jacq. Poaceae.**Guinea grass.**

From Colombia. Seeds obtained by R. E. Culbertson, Soil Conservation Service, United States Department of Agriculture. Received Jan. 16, 1946.

Guinea Sempreverde.

153349 to 153351. PISUM SATIVUM L. Fabaceae.**Pea.**

From Ecuador. Seeds presented by the Jefe de Genetica de La Sierra, Ministerio de Agricultura, Quito. Received Jan. 16, 1946.

153349. Common type.

153350. *Arvejon.*

153351. *Arvejas Verdes.*

153352 and 153353.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received Jan. 18, 1946.

153352. *ERAGROSTIS LEHMANNIANA* Nees. Poaceae.

153353. *PANICUM COLORATUM* L. Poaceae.

153354 to 153357.

From Canada. Seeds presented by the University of Manitoba, Winnipeg, Manitoba. Received Jan. 18, 1946.

153354. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

Sturoy.

153355. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

Macsel.

153356. *MELILOTUS OFFICINALIS* L.

Yellow sweetclover.

Aura.

153357. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

Dural.

153358 to 153367. GYLICINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 30, 1946.

153358. *Boone.*

153363. *Macoupin.*

153359. *Chief.*

153364. *Ogden.*

153360. *Dunfield.*

153365. *Patoka.*

153361. *Jogun-2.*

153366. *Scioto.*

153362. *Lincoln.*

153367. *Volstate.*

153368. CUCUMIS MELO L. Cucurbitaceae.**Muskmelon.**

From California. Seeds obtained from the United States Horticultural Station, La Jolla. Received Jan. 30, 1946.

Texas Resistant No. 1.

153369 to 153372. LINUM USITATISSIMUM L. Linaceae.**Flax.**

From Oregon. Seeds obtained from the Division of Cotton and Other Fibers, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland. Received Jan. 31, 1946.

153369 to 153372—Continued

153369. *Cascade.* 153371. *Martin.*
 153370. *Cirrus.* 153372. *Pacific.*

153373 to 153379. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Argentina. Tubers presented by Ing. I. Tarasiuk, Vivero de Bosque, La Plata, Buenos Aires. Received Jan. 31, 1946.

153373. From Salta. 153377. From southern Argentina.
 153374. From northern Argentina. 153378. From Rio de la Plata.
 153375. From southern Argentina. 153379. Pichuguina, originally from Chile.
 153376. From southern Boriloché.

153380. TAXODIUM DISTICHUM (L.) Rich. Pinaceae. **Bald cypress.**

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain. Received Jan. 31, 1946.

153381 to 153397.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 31, 1946.

- 153381 and 153382. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae. **Crested wheatgrass.**

153381. *Fairway.*
 153382. *Standard.*

153383. AGROPYRON TRACHYCAULUM (Link) Malte. **Slender wheatgrass.**

153384. BOUTELOUA CURTIPENDULA (Michx.) Torr. Poaceae.

153385. BOUTELOUA GRACILIS (H. B. K.) Lag.

153386. ELYMUS JUNCEUS Fisch. Poaceae.

153387. ERAGROSTIS CURVULA (Schrad.) Nees. Poaceae.

153388. ERAGROSTIS TRICHODES (Nutt.) Wood.

- 153389 and 153390. MELILOTUS ALBA Desr. Fabaceae. **White sweetclover.**

153389. *Evergreen Sweet.*
 153390. *Spanish.*

153391. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.**

Madrid.

153392. TRIFOLIUM INCARNATUM L. Fabaceae. **Crimson clover.**

Dixie Crimson.

- 153393 to 153395. TRIFOLIUM PRATENSE L. **Red clover.**

153393. *Midland Red.*
 153394. *Cumberland Red.*
 153395. *Louisiana Red.*

153396. TRIFOLIUM PROCUMBENS L.

Large Hop.

153397. TRIFOLIUM RESUPINATUM L.

Persian.

153398 to 153402. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Virginia. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland. Received Jan. 30, 1946.

153398. *Adcock.*153401. *Warne.*153399. *Cash.*153402. *White Stem.*153400. *Little Orinoco.***153403. DIGITARIA ERIANTHA Steud. Poaceae.**

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Transvaal. Received Jan. 18, 1946.

*Silver Bullet.***153404 to 153407.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Jan. 25, 1946.

153404. *PASPALUM NOTATUM* Fluegge. Poaceae.**Bahia grass.***Paraguay.*153405. *PASPALUM NOTATUM* Fluegge.*Pensacola.*153406. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.153407. *BOUTELOUA GRACILIS* (H. B. K.) Lag.**153408. UMBELLULARIA CALIFORNICA (Hook. & Arn.) Nuttall.**

Lauraceae.

California laurel.

From California. Seeds purchased from Eustace Rush, Burbank. Received Feb. 4, 1946.

153409 to 153424. ZEA MAYS L. Poaceae.**Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received Feb. 4, 1946.

153409 to 153412. *Minnhybrid.*153409. *No. 407.*153411. *No. 608.*153410. *No. 408.*153412. *No. 505.*153413 to 153417. *Kansas Hybrid.*153413. *No. 1588.*153416. *No. 1639.*153414. *No. 1520.*153417. *No. 1634.*153415. *No. 1412.*153418 to 153420. *Iowa Hybrid.*153418. *No. 931.*153419. *No. 939.*153420. *No. 4297.*153421 to 153423. *U. S. Hybrid.*153421. *No. 13.*153422. *No. 35.*153423. *No. 44.*153424. *Funk Hybrid.**No. G. 114.*

153425 to 153436.

From Uruguay. Seeds presented by Bernardo Rosengurtt, Monzon-Heber, Estación Juan Jackson. Received Jan. 22, 1946.

153425. *BROMUS AULETICUS* Nees. Poaceae.

No. 644.

153426. *BROMUS BREVIS* Steud.

No. 676.

153427. *BROMUS CATHARTICUS* Vahl.

153428. *BROMUS COLORATUS* Steud.

No. 657.

153429. *BROMUS URUGUAYENSIS* Arech.

No. 877.

153430. *STIPA BAVIOENSIS* Spag. Poaceae.

No. 941.

153431. *STIPA CHARRUANA* Arech.

Feathergrass.

No. 890.

153432. *STIPA HYALINA* Nees.

No. 891.

153433. *STIPA MEGAPOTAMICA* Trin.

No. 893.

153434. *STIPA NEESIANA* Trin. & Rupr.

No. 666.

153435. *STIPA ROSENGURTII* Chase.

No. 894.

153436. *STIPA TRICHOTOMA* Nees.

No. 898.

153437 to 153449. *PENNISETUM GLAUCUM* (L.) R. Br. Poaceae.

Pearl millet.

From India. Seeds presented by X. S. S. Kumar, Economic Botanist, Government of Bombay, Poona. Received Jan. 22, 1946.

153437 to 153442. From Bombay Province.

153437. *AK 297-6-31-32-21.*

153440. *Late Mass. 1938-39.*

153438. *AF 3, G1, G1, G1.*

153441. *Type 207.*

153439. *No. 28-15-1-1.*

153442. *Akola Bajri.*

153443 and 153444. From Baroda State.

153443. *Baroda Farm.*

153444. *Jugudan Farm.*

153445 and 153446. From Madras Province.

153445. *Type P. T. 367.*

153446. *Type P. T. 700.*

153447 and 153448. From the United Provinces.

153447. *Type 11.*

153448. *Type 16.*

153449. From Punjab.

Type A1/3.

153450. LOBELIA EXCELSA Leschen. Campanulaceae.

From India. Seeds presented through the American Consulate, Madras. Received Jan. 22, 1946.

Collected at Kodaikanal, Madura District, at 7,200 feet altitude. An annual 10 to 12 feet high, with narrowly oblong, villous leaves up to 10 inches long, and large flowers in a dense terminal raceme 10 inches long. Native to Nilghiri, India.

153451 to 153453.

From Argentina. Seeds presented by Enrique C. Clos, Estación Experimental Nacional Central, Buenos Aires. Received Jan. 24, 1946.

153451. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**

Saratov.

153452. *HELIANTHUS ANNUUS* L.

Klein.

153453. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castor-bean.**

D. E. I. P. 42.

153454 to 153456.

From the Soviet Union. Seeds obtained from Joseph J. Bulik, Agricultural Attaché, American Embassy, Stalingrad. Received Feb. 5, 1946.

Originally from the vicinity of Krasnodar.

153454. *ORYZA SATIVA* L. Poaceae. **Rice.**

153455. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castor-bean.**

153456. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

153457 to 153461. LINUM USITATISSIMUM L. Linaceae. **Flax.**

From Germany. Seeds presented by Prof. K. Opitz, Kaiser Wilhelm Institute für Acker und Pflanzenbau, Berlin-Dahlem. Received Feb. 6, 1946.

153457. *Dahlemer Feinslach D B 43.* 153460. *Roland 35.*

153458. *Echendorf.* 153461. *Soraver 65.*

153459. *Lusatia.*

153462 to 153464. FICUS CARICA L. Moraceae. **Common fig.**

From Tunisia. Cuttings presented by G. Valdeyron, Service Botanique et Agronomique, Ariana. Received Feb. 11, 1946.

153462. *Taaramint.*

153463. *Tameriout.*

153464. *Temri.*

153465 to 153474.

From Canada. Seeds obtained from the Ontario Agricultural College, Guelph, Ontario. Received Jan. 31, 1946.

153465. *AGROSTIS ALBA* L. Poaceae. **Redtop.**

153466. *DACTYLIS GLOMERATA* L. Poaceae. **Orchard grass.**

153467. *FESTUCA ELATIOR* L. Poaceae. **Meadow fescue.**

153468. *FESTUCA RUBRA* L. **Red fescue.**

153469. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**

153470 and 153471. *PHLEUM PRATENSE* L. **Timothy.**

153470. *Medon.*

153471. *Paton.*

153465 to 153474—Continued

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| 153472. <i>POA COMPRESSA</i> L. Poaceae. | Canada bluegrass. |
| 153473. <i>POA PRATENSE</i> L. | Kentucky bluegrass. |
| 153474. <i>TRIFOLIUM HYBRIDUM</i> L. Fabaceae. | Alsike clover. |

153475 to 153482. RICINUS COMMUNIS L. Euphorbiaceae. **Castor-bean.**

From Peru. Seeds presented by the Estación Experimental de La Molina, Lima. Received Feb. 11, 1946.

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| 153475. <i>Del Pais, Tipo B.</i> | 153479. <i>Planta No. 11, Tipo B.</i> |
| 153476. <i>Japonesa.</i> | 153480. <i>Planta No. 17.</i> |
| 153477. <i>Japonesa Roja.</i> | 153481. <i>Roja, Tipo A.</i> |
| 153478. <i>Planta No. 11, Tipo A.</i> | 153482. <i>Roja, Tipo B.</i> |

153483 to 153486. QUERCUS spp. Fagaceae. **Oak.**

From Morocco. Seeds obtained from Casablanca through C. J. Beall, Federal Economic Administration. Received Feb. 5, 1946.

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| 153483. <i>QUERCUS COCCIFERA</i> L. Fagaceae. | Kermes oak. |
| 153484. <i>QUERCUS ILEX</i> L. | Holly oak. |
| 153485. <i>QUERCUS MIRBECKII</i> Dur. | |
| 153486. <i>QUERCUS SUBER</i> L. | Cork oak. |

153487 to 153489.

From New Zealand. Seeds presented by Duncan & Davies, Ltd., New Plymouth. Received Feb. 4, 1946.

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| 153487. <i>CYATHEA MEDULLARIS</i> Swartz. Polypodiaceae. | |
| 153488. <i>MYOSOTIDIUM HORTENSIA</i> (Decaisne) Baill. Boraginaceae. | |
| 153489. <i>SOPHORA TETRAPTERA</i> J. Miller. Fabaceae. | Fourwing sophora. |

153490 to 153505. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From Peru. Tubers obtained from the Estación Experimental de La Molina, Lima. Received Feb. 14, 1946.

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| 153490. <i>Blanco.</i> | 153498. <i>Morado del Norte.</i> |
| 153491. <i>Chanqueta.</i> | 153499. <i>Paramonguino.</i> |
| 153492. <i>De Sal.</i> | 153500. <i>Quince Dias.</i> |
| 153493. <i>De Zapallo.</i> | 153501. <i>Sanjuanino.</i> |
| 153494. <i>Esperma.</i> | 153502. <i>Sanpedrano.</i> |
| 153495. <i>Huachano Chico.</i> | 153503. <i>Sauce.</i> |
| 153496. <i>Italiano.</i> | 153504. <i>Tipo 3.</i> |
| 153497. <i>Italiano Plomo.</i> | 153505. <i>Tipo 4.</i> |

153506 to 153518. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**

From Venezuela. Seeds presented by the Ministerio de Agricultura and Cría, Instituto Experimental de Agricultura y Zootecnia, Caracas. Received Feb. 15, 1946.

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| 153506. <i>Brazil 45-442.</i> | 153510. <i>Guatemala.</i> |
| 153507. <i>Brazil (J. Vol.)</i> | 153511. <i>Hawaii—Blanco.</i> |
| 153508. <i>Blanco 2.</i> | 153512. <i>Hawaii.</i> |
| 153509. <i>Criollo.</i> | 153513. <i>Mexico.</i> |

153506 to 153518—Continued

153514. *Nicaragua* (Hunt).153517. *Venezuela* 51.153515. *Nicaragua* (Horvilleur).153518. *Venezuela* 52.153516. *Jaffa*.153519. *ELYTOSTACHYS TYPICA* McClure. Poaceae. **Bamboo.**

From Nicaragua. Seeds obtained by F. A. McClure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 20, 1946.

Collected at El Recreo. The plant is open caespitose. The culms reach a diameter of 4 cm., and a length of about 20 m.; they are ascending in habit, with long, slender, scandent or pendulous tips. The culm internodes have very thin walls, and in a 16-m. culm they range in length from 37.5 cm. in the second internode from the base to 87 cm. in the twelfth. The branches, which arise from solitary buds, include a strong central branch and numerous, very much smaller secondary ones that arise from the base of the central branch at each node. In Nicaragua the internodes of this bamboo are used by field laborers as containers for drinking water. Although quite fragile, and probably not very durable, the culms would lend themselves readily to the making of woven matting of a type used for shades and screens. In Venezuela the seeds are used locally as a source of flour for bread and pastries.

153520 to 153522. *HELIANTHUS ANNUUS* L. Asteraceae.**Common sunflower.**

From England. Seeds presented by the British Embassy, Washington, D. C. Received Feb. 12, 1946.

Originally from Prof. G. E. Blackman of the Imperial College of Science, London.

153520. *Jupiter*.153521. *Pole Star*.153522. *Southern Cross*.153523 to 153554. *SORGHUM VULGARE* Pers. Poaceae.

From Japan. Seeds obtained from the Agricultural Division, Natural Resources Section, GHQ, SCAP, Toyko. Received Feb. 15, 1946.

153523. *No. 18 Aka-morokoshi*. From Shizuoka.153524. *No. 19 Aka-morokoshi*. From Shizuoka.153525. *No. 20 Aka-morokoshi*. From Shizuoka.153526. *No. 12 Chukanshu*. From Niigata.153527. *No. 26 Futsu-morokoshi*. From Ishikawa.153528. *No. 6 Futsushu*. From Saitama.153529. *No. 14 Futsushu (Aka-morokoshi)*. From Yamanshi.153530. *No. 21 Hamana*. From Shizuoka.153531. *No. 22 Hamana*. From Shizuoka.153532. *No. 23 Hamana*. From Shizuoka.153533. *No. 24 Hamana*. From Shizuoka.153534. *No. 26 Hamana*. From Shizuoka.153535. *No. 31 Hahaki-kibi*. From Kochi.153536. *No. Hakuryushu-morokoshi*. From Yamagata.153537. *No. 1 Iwatesan-morokoshi*. From Iwate.153538. *No. 16 Kagi-morokoshi*. From Shizuoka.153539. *No. 30 Kamakubi*. From Kochi.

153523 to 153554—Continued

153540. *No. 15 Kamokubishu*. From Yamanashi.
 153541. *No. 32 Kuro-kihi*. From Kochi.
 153542. *No. 5 Sanjaku-morokoshi*. From Tochigi.
 153543. *No. 17 Sato-morokoshi*. From Shizuoka.
 153544. *No. 29 Taka-kibi*. From Kochi.
 153545. *No. 2 Tankan-morokoshi*. From Yamagata.
 153546. *No. 27 Waisei-morokoshi*. From Ishikawa.
 153547. *No. 7 Waiseishu*. From Saitama.
 153548. *No. 11 Yachimata*. From Chiba.
 153549. *No. 8 Zairaishu 15*. From Chiba.
 153550. *No. 9 Zairaishu 16*. From Chiba.
 153551. *No. 10 Zairaishu 17*. From Chiba.
 153552. *No. 13 Zairaishu*. From Nagano.
 153553. *No. 28 Zairaishu*. From Nara.
 153554. *No. 33 Zairaishu*. From Nagasaki.

153555 to 153573. *CAPSICUM FRUTESCENS* L. Solanaceae.

Redpepper.

From South America. Seeds collected by Ricardo de Lemos, Instituto Agronómico do Norte, Belém, Para, Brazil. Received Feb. 15, 1946.

Unless otherwise stated, material was collected in the basin of the Rio Negro, Amazonas, Brazil. Descriptions of fruits were derived from sketches accompanying each collection.

153555. No. 1. Very small, spherical, light red; from Tucano Indians.
 153556. No. 2. Small, elongated, salmon-colored; from Tucano Indians.
 153557. No. 3. Small, oval, salmon to yellow; from Tucano Indians.
 153558. No. 4. Small, oval, blood red; from Tucano Indians.
 153559. No. 5. Small, elongated, yellow; from Tucano Indians.
 153560 to 153565. From San Carlos, Rio Negro, Venezuela.
 153560. No. 6. Medium-sized, conical, furrowed on three sides, light-salmon color.
 153561. No. 7. Small, oblong-linear, light-salmon color.
 153562. No. 8. Medium-sized, subconical, irregular surface, greenish yellow.
 153563. No. 9. Medium-sized, oblong, furrowed, light red.
 153564. No. 10. Very small, spherical, reddish brown.
 153565. No. 11. Small, conical, evenly furrowed, sulfur-colored.
 153566. No. 12. Oblong, subconical, deeply furrowed, light red.
 153567. No. 13. Oblong, subconical, slightly furrowed, light red.
 153568. No. 14. Medium, elongated, irregular surface, red.
 153569. No. 15. Elongated, irregularly furrowed, red.
 153570. No. 16. Small, linear-oval, slightly furrowed, red.
 153571. No. 17. Small, bell-shaped, and deeply furrowed, mixed green and yellow.
 153572. No. 18. Small, red, elliptical, unevenly lobed.
 153573. No. 19. Medium, yellow, linear-oblong with an uneven surface.

153574 to 153581. CAPSICUM FRUTESCENS L. Solanaceae.**Redpepper.**

From Peru. Seeds presented by the Departamento de Genetica, Estación Experimental Agrícola de La Molina, Lima. Received Feb. 19, 1946.

153574 to 153577. Grown in Ancash.

153574. *Amarillo*.

153576. *Colorado*.

153575. *Chinchano*.

153577. *Escabeche*.

153578. *Piris*. From Cuzco.

153579. *Rocoto 6 Rokkoto*. From Quichua.

153580. *Verde*. From Ancash.

153581. *Verde Largo*. From Ancash.

153582 to 153586.

From Brazil. Seeds presented by W. D. Johnston, Jr., United States Foreign Economic Administration, Rio de Janeiro. Received Feb. 5, 1946.

153582. *ANNONA SQUAMOSA L. Annonaceae.*

Sugar-apple.

Fruta da Conde. From the State of Bahia.

153583. *CEREUS sp. Cactaceae.*

Xique-Xique. From the State of Parahiba do Norte.

153584. *CITRUS LIMON (L.) Burm. f. Rutaceae.*

Lemon.

A large-fruited variety from the State of Espirito Santo.

153585. *CITRUS PARADISI Macfad.*

Grapefruit.

From the State of Espirito Santo.

153586. *LUFFA AEGYPTIACA Mill. Cucurbitaceae.*

Suakwa towelgourd.

153587 to 153594. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From California. Scions purchased from the California Nursery Co., Niles. Received Feb. 21, 1946.

153587. *Carolyn*.

153591. *Paloro*.

153588. *Gaume*.

153592. *Peak*.

153589. *Halford No. 2*.

153593. *Sims*.

153590. *Johnson*.

153594. *Walton*.

153595 and 153596. FRAGARIA. Rosaceae.

Strawberry.

From Maryland. Plants purchased from the Raynor Bros. Nurseries, Salisbury. Received Feb. 26, 1946.

153595. *Klonmore*.

153596. *Missionary*.

153597. CUCUMIS SATIVUS L. Cucurbitaceae.

Cucumber.

From Puerto Rico. Seeds presented by K. A. Bartlett, Director, Federal Experiment Station, Mayagüez. Received Feb. 26, 1946.

Puerto Rico No. 39. Comparatively mildew-resistant.

153598. ROLLINIA sp. Annonaceae.

From Peru. Seeds presented by R. J. Seibert, Tingo Maria, Huanuco. Received Feb. 26, 1946.

Anona. Collected by Manuel Lascano. A small tree growing at an altitude of 2,200 feet.

- 153599. SACCHARUM SPONTANEUM L.** Poaceae.
 From Uganda. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Feb. 26, 1946.
 From Mbarara, Ankole.
- 153600. BRACHIARIA BRIZANTHA (Hochst.) Stapf.** Poaceae.
 From the Anglo-Egyptian Sudan. Seeds presented by the Department of Agriculture and Forests, Kassala, Gedaref. Received Feb. 11, 1946.
Umchirr.
- 153601 to 153603. MELILOTUS ALBA Desf.** Fabaceae. **White sweetclover.**
 From Canada. Seeds presented by the Dominion Forage Crops Laboratory, University of Saskatchewan, Saskatoon, Saskatchewan. Received Feb. 14, 1946.
153601. *Alpha No. 1.*
153602. *Arctic.*
153603. *Melana.*
- 153604. MELILOTUS OFFICINALIS (L.) Lam.** Fabaceae. **Yellow sweetclover.**
 From Canada. Seeds presented by the Experimental Farm, Brandon, Manitoba. Received Feb. 14, 1946.
Erector.
- 153605 to 153612.**
 From Canada. Seeds presented by the Division of Forage Plants, Central Experimental Farm, Ottawa. Received Feb. 14, 1946.
- 153605. FESTUCA ELATIOR L.** Poaceae. **Meadow fescue.**
Ensign MF 3-8.
- 153606. FESTUCA RUBRA L.** **Red fescue.**
Duraturf Creeping RF 4-5.
- 153607. LOLIUM PERENNE L.** **Perennial ryegrass.**
Pacific FR 2-3.
- 153608 and 153609. MEDICAGO SATIVA L.** Fabaceae. **Alfalfa.**
153608. *Canauto AA 3-1.*
153609. *Viking AA 15-3.*
- 153610. MELILOTUS ALBA Desf.** Fabaceae. **White sweetclover.**
Pioneer S-898.
- 153611. POA COMPRESSA L.** Poaceae. **Canada bluegrass.**
Chieftain CB 2-1.
- 153612. TRIFOLIUM REPENS L.** Fabaceae. **White clover.**
Pathfinder WC 15-1.
- 153613. GOSSYPIMUM.** Malvaceae. **Cotton.**
 From Guatemala. Seeds presented by O. A. Pope, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 27, 1946.
C. B. No. 1705.
- 153614 to 153622. SOLANUM TUBEROSUM L.** Solanaceae. **Potato.**
 From Australia. Tubers presented by the Council for Scientific and Industrial Research, Division of Plant Industry, Canberra City. Received Feb. 27, 1946.

153614 to 153622—Continued**153614 to 153621. FX Up-to-Date.**

153614. No. 36.

153618. No. 441.

153615. No. 101.

153619. No. 597.

153616. No. 224.

153620. No. 910.

153617. No. 265.

153621. No. 950.

153622. FX *Snowflake* No. 7.**153623 to 153640.**

From Peru. Seeds presented by the Departamento de Genetica, Estación Experimental Agricola de La Molina, Lima. Received Feb. 19, 1946.

153623. CUCURBITA PEPO L. Cucurbitaceae.**Pumpkin.***Blanca* No. 6.**153624 to 153640. LAGENARIA LEUCANTHA (Duchesne) Rusby. Cucurbitaceae.****Calabash gourd.**153624. *Blanca* No. 1.153633. *Blanca* No. 11153625. *Blanca* No. 2.153634. *Blanca* No. 12.153626. *Blanca* No. 3.153635. *Blanca* No. 13.153627. *Blanca* No. 4.153636. *Blanca* No. 14.153628. *Blanca* No. 5.153637. *Blanca* No. 15.153629. *Blanca* No. 7.153638. *Blanca* No. 16.153630. *Blanca* No. 8.153639. *Blanca* No. 17.153631. *Blanca* No. 9.153640. *Blanca* No. 18.153632. *Negra* No. 10.**153641 and 153642.**

From New York. Seeds purchased from Herbst Bros., New York. Received March 4, 1948.

153641. ACER SACCHARUM Marsh. Aceraceae.**Sugar maple.****153642. CARYA TOMENTOSA (Lam.) Nutt. Juglandaceae.****153643. PINUS STROBUS L. Pinaceae.****White pine.**

From Maine. Seeds purchased from the Braden Nursery, South Windham. Received March 4, 1946.

153644 to 153649. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 4, 1946.

153644. *Bansei*.153647. *Kanso*.153645. *Giant Green*.153648. *Mendota*.153646. *Jogun*.153649. *Sac*.**153650 to 153655. IPOMOEA spp. Convolvulaceae. Morning-glory.**

From Micronesia. Plants presented by Lt. S. P. DuBose, United States Army Air Corps. Received March 1, 1946.

Collected on the Island of Tinian, the Marianas.

153650. *T-1*.153653. *T-4*.153651. *T-2*.153654. *T-5*.153652. *T-3*.153655. *T-6*.

- 153656.** LACTUCA SATIVA L. Cichoriaceae. **Garden lettuce.**
From Arizona. Seeds presented by the Salt River Valley Vegetable Research Farm, Tempe. Received March 5, 1946.
Imperial 410.
- 153657.** MEDICAGO SATIVA L. Fabaceae. **Alfalfa.**
From Canada. Seeds presented by the Dominion Forage Crops Laboratory, Saskatoon, Saskatchewan. Received March 5, 1946.
Viking S-897.
- 153658.** PANICUM MAXIMUM Jacq. Poaceae. **Guinea grass.**
From Washington, D. C. Seeds presented by the Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 27, 1946.
Originally from El Salvador.
- 153659.** (Undetermined.)
From China. Trees presented by Maj. R. D. Wolcot, Port Command, HQ, Shanghai. Received March 6, 1946.
Received under the name "Chinese plum."
- 153660 to 153676.**
From Africa. Seeds presented by C. J. J. van Rensburg, Rietondale Station, Pretoria, Transvaal, Union of South Africa. Received Feb. 18, 1946.
Unless otherwise mentioned, material was collected in the Transvaal.
- 153660.** ACACIA CAFFRA (Thunb.) Willd. Mimosaceae.
Wait-a-bit.
- 153661.** ACACIA GALPINII Burt-Davy.
A tree about 40 feet high, with sharply hooked spines at the base of the pinnate leaves, which are 3 to 5 inches long. The flowers are light yellow, and are in axillary fascicled spikes about 2 inches long.
- 153662.** DIGITARIA sp. Poaceae.
Woolly Finger Grass. Border of the Kalahari Desert, Bechuanaland.
- 153663.** DIGITARIA SMUTSII Stent.
- 153664.** DIGITARIA VIOLASCENS Link.
- 153665.** PANICUM sp. Poaceae.
Kabulabula, on the Chobi River, Kalahari Desert, Bechuanaland.
- 153666 to 153670.** PANICUM MAXIMUM Jacq. **Guinea grass.**
153666. A Rhodesian strain.
153667. Duwenya, Nyasaland.
153668. Nanyuki, on the border of the Yukama Desert, northern Kenya.
153669. Kavorondo, swamps of Lake Victoria, Tanganyika.
153670. Lilongue.
- 153671 to 153673.** PENNISETUM CILIARE (L.) Link. Poaceae.
153671. Lysamas, Yurkana Desert, northern Kenya.
153672. Ngamiland, Bababi Flats, Kalahari Desert, Bechuanaland.
153673. Loliondo.
- 153674 and 153675.** SETARIA sp. Poaceae.
Chobi River swamp area in the Kalahari Desert, Bechuanaland.
153674. Kabulabula.
153675. Kazungula.

153660 to 153676—Continued

153676. *UROCHLOA PULLULANS* Stapf. Poaceae.

Rust der Winter.

153677. *PYRUS COMMUNIS* L. Malaceae.

Common pear.

From England. Scions presented by the John Innes Horticultural Institution, Merton Park, London. Received March 6, 1946.

Improved Fertility.

153678 and 153679.

From Brazil. Bulbs collected by Dr. Eugene H. Payne, Serviço Especial de Saude Publica, Rio de Janeiro. Received March 7, 1946.

Collected from the central highlands in the State of Goiaz.

153678. *AMARYLLIS* sp. Amaryllidaceae.

The small bulbs produce flowers that are pure white, without the colored throat. Said to be a rare species.

153679. *CRINUM* sp. Amaryllidaceae.

The flat, straplike leaves are 1 to 2 feet in length. The two to six lily-shaped flowers, white with purple ribs, are borne on an upright, flattened scape about 2 feet high. The bulbs multiply until they form large clusters 3 to 4 feet in diameter.

153680. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

From Connecticut. Seeds purchased from F. H. Woodruff Sons, Inc., Milford. Received March 11, 1946.

Red Cap.

153681 and 153682. *GLYCINE MAX* (L.) Merrill. Fabaceae.

Soybean.

From El Salvador. Seeds obtained through the American Embassy, San Salvador. Received March 11, 1946.

153681. *Cibao.*

153682. *Trinitaria.*

153683 to 153685. *LINUM USITATISSIMUM* L. Linaceae.

Flax.

From Maryland. Seeds presented by the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 4, 1946.

153683. *Cascade.*

153684. *Martin.*

153685. *Sheyenne.*

153686 to 153689.

From California. Seeds purchased from the Ferry-Morse Seed Co., San Francisco. Received March 11, 1946.

153686 and 153687. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

153686. *Early Baltimore.*

153687. *Illinois Baltimore.*

153688 and 153689. *IPOMOEA* spp. Convolvulaceae.

Morning-glory.

153688. *Pearly Gates.*

153689. *Scarlett O'Hara.*

153690. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Pennsylvania. Seeds purchased from Henry A. Dreer, Inc., Philadelphia.
Received March 11, 1946.

Penn State Earliana.

153691 to 153695. FICUS CARICA L. Moraceae. Fig.

From Algeria. Cuttings presented by N. Mauri, Agent des Services Agricoles,
Charge de L'Arboriculture, Station Experimental D'Arboriculture, Boufarik.
Received March 11, 1946.

153691. No. 3. *Azendjar.*

153694. No. 2. *Taramint.*

153692. No. 4. *Nadel.*

153695. No. 5. *Tit en Tsekourt.*

153693. No. 1. *Tameriout.*

153696. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From North Dakota. Seeds purchased from Oscar H. Will & Co., Bismarck.
Received March 11, 1946.

Red River.

153697 to 153704.

From Haiti. Seeds presented by E. L. Tanner, Agricultural Attaché, American
Embassy, Port-au-Prince. Received Feb. 26, 1946.

153697. *ALYSICARPUS* sp. Fabaceae.

153698 to 153703. *DESMODIUM* spp. Fabaceae.

153698. *DESMODIUM* sp.

No. 1. From the Valley of the Grande Anse River.

153699. *DESMODIUM* sp.

No. 2. From the Valley of the Grande Anse River.

153700. *DESMODIUM* sp.

No. 4.

153701. *DESMODIUM* sp.

No. 5.

153702. *DESMODIUM* sp.

No. 6.

153703. *DESMODIUM* sp.

No. 7.

153704. *PHASEOLUS* sp. Fabaceae.

No. 8.

153705. COLOCASIA sp. Araceae.

From Puerto Rico. Corm presented by Edward P. Hume, Federal Experiment
Station, Mayagüez. Received March 12, 1946.

153706 to 153709.

From Maryland. Seeds obtained through the Division of Forage Crops and
Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Belts-
ville. Received March 13, 1946.

153706 and 153707. *MELILOTUS ALBA* Desr. Fabaceae. White sweetclover.

153706. *Evergreen.*

153707. *Alpha.*

153706 to 153709—Continued

153708. MELILOTUS ALBA var. ANNUA Coe.

Hubam.

153709. MELILOTUS OFFICINALIS (L.) Lam.

Yellow sweetclover.*Madrid.***153710 and 153711. LYCOPERSICON ESCULENTUM Mill. Solanaceae.
Tomato.**

From New York. Seeds purchased from the Joseph Harris Seed Co., Moreton Farm, Rochester. Received March 13, 1946.

153710. *Comet.*153711. *Stokesdale.***153712. SACCHARUM SPONTANEUM L. Poaceae.**

From Kenya. Cuttings obtained through the American Consulate, Nairobi. Received March 14, 1946.

153713 to 153715. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria, Huanuco. Received March 15, 1946.

153713. *Huasca Uchiza Amarillo.* From Uchiza, near the Huallaga River.153714. *Huasca Huallaga Colorado.* From the vicinity of Tingo Maria.153715. *Huasca Uchiza Colorado.* From Uchiza, near the Huallaga River.**153716 to 153718. LYCOPERSICON ESCULENTUM Mill. Solanaceae.
Tomato.**

From Louisiana. Seeds purchased from the Steckler Seed Co., New Orleans. Received March 15, 1946.

153716. *Louisiana Dixie.*153717. *Louisiana Pink.*153718. *Louisiana Red Rock.***153719 to 153727.**

From northern Africa. Seeds presented by C. J. Beall, American Food Council, Foreign Economic Administration. Received March 15, 1946.

153719 to 153721. QUERCUS SUBER L. Fagaceae.

Cork oak.153719. *No. 1.* From Algiers, Algeria.153720. *No. 2.* From Tunisia.153721. *No. 3.*

153722. QUERCUS sp.

No. 4.

153723 to 153725. QUERCUS SUBER L.

153723. *No. 5.*153724. *No. 6.*153725. *No. 7.***153726 and 153727. TRITICUM AESTIVUM L. Poaceae.****Common wheat.**

From near high plateau region.

153726. *Sicilian.*153727. *Belouini.*

- 153728. FRAGARIA. Rosaceae. Strawberry.**
 From Canada. Plants presented by W. R. Foster, Plant Pathologist, Victoria, British Columbia. Received March 15, 1946.
Pitt.
- 153729 to 153731.**
 From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1946.
- 153729. ALLIUM CEPA L. Liliaceae. Onion.**
Yellow Bermuda 986.
- 153730. ALLIUM CEPA × ALLIUM FISTULOSUM.**
Beltsville Bunching.
- 153731. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**
U. S. No. 5 Refugee.
- 153732 to 153734. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**
 From California. Seeds purchased from the Ferry-Morse Seed Co, San Francisco. Received March 18, 1946.
- 153732. Gulf State Market.**
- 153733. Michigan State Forcing.**
- 153734. Norton.**
- 153735 to 153737.**
 From Japan. Plants collected by Lt. J. J. Craighead, United States Army. Received March 18, 1946.
- 153735. PHYLLOSTACHYS sp. Poaceae. Bamboo.**
 Large basket or timber bamboo.
- 153736. PHYLLOSTACHYS BAMBUSOIDES Sieb. & Zucc.**
 Hard-cane bamboo.
- 153737. SASA sp. Poaceae. Bamboo.**
 Received as *Sasa albo-marginata*. Used as a soil binder in Japan.
- 153738 to 153743.**
 From New Jersey. Plants presented by the New Jersey Agricultural Experiment Station, New Brunswick. Received March 18, 1946.
- 153738 to 153742. AMYGDALUS PERSICA L. Amygdalaceae. Peach.**
- 153738. No. 135. 153741. Triogem.**
- 153739. No. 137. 153742. Sunhigh.**
- 153740. No. 149.**
- 153743. AMYGDALUS PERSICA var. NECTARINA Ait. Nectarine.**
Garden State.
- 153744 to 153745. LINUM USITATISSIMUM L. Linaceae. Flax.**
 From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1946.
- 153744. Cascade.**
- 153745. Martin.**

153746 to 153750. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Iowa. Seeds purchased from the W. Atlee Burpee Co., Clinton. Received March 18, 1946.

153746. *Bonney Best.*

153749. *Pan America.*

153747. *John Baer.*

153750. *Pennheart.*

153748. *Ozheart.*

153751 to 153760. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 18, 1946.

153751. *Bally Doon* × *Katahdin.*

153756. *Mohawk* × 96-28.

153752. *Earlaine* × (X247-48).

153757. *Mohawk* × 96-56.

153753. *Teton* × 96-56.

153758. *Houma* × (X247-48).

153754. 96-56 × (B61-3).

153759. *McKellars Seedling* × 96-49.

153755. 247-44 × *Earlaine.*

153760. B83-9 × *Katahdin.*

153761. PINUS ECHINATA Mill. Pinaceae. Shortleaf pine.

From Oklahoma. Seeds purchased from Rigdon's Tree Seeds, Stillwater. Received March 19, 1946.

153762. OCHROMA LAGOPUS Swartz. Bombacaceae. Balsa.

From the Canal Zone. Seeds presented by Walter R. Lindsay, Director, Experiment Gardens, Summit. Received Feb. 27, 1946.

153763 to 153773. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 19, 1946.

From the Embu District.

153763. No. 453. *Mtama M1-44.*

153769. No. 459. *Mingawa.*

153764. No. 454. *Mtama M2-44.*

153770. No. 460. *Mgwaa.*

153765. No. 455. *Mtama M3-44.*

153771. No. 462. *Muhia Muthigo.*

153766. No. 456. *Mtama M4-44.*

153772. No. 463. *Muhia Mbaria.*

153767. No. 457. *Mtama M6-44.*

153773. No. 464. *Muhia Mweru.*

153768. No. 458. *Katanetame.*

153774 to 153780. TRITICUM spp. Poaceae.

From Egypt. Seeds presented by the Agricultural Attaché, American Legation, Cairo. Received March 19, 1946.

153774. TRITICUM DURUM Desf.

Durum wheat.

Durum-H.

153775 to 153780. TRITICUM AESTIVUM L.

Common wheat.

153775. N.A.-96 × N.A. 97.

153778. *Hindi D.*

153776. *Hindi Resistant.*

153779. *Hindi 62.*

153777. *Beladi 116.*

153780. N. A. 95.

153781 to 153784. ORYZA SATIVA L. Poaceae. Rice.

From Texas. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 19, 1946.

153781. *Bluebonnet.*

153783. *Lady Wright.*

153782. *Fortuna.*

153784. *Nira.*

153785 and 153786. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Brazil. Seeds obtained through the American Embassy, Rio de Janeiro. Received March 20, 1946.

153785. Goiana. From a nearly inaccessible plateau, altitude 5,000 feet, in east-central Goiaz, where wheat was introduced more than 200 years ago. This variety is probably a genetically pure descendant of the original introduction. Its growing season is between 4 and 5 months.

153786. Veadeiros. From the Agricultural Experiment Station, Anapolis, Goiaz. Said to be descended from the *Goiana* variety introduced more than 200 years ago. Its growing season is about 4½ months.

153787 to 153789. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From Illinois. Seeds presented by the Department of Horticulture, University of Illinois, Urbana. Received March 20, 1946.

153787. Blair Forcing.

153788. Lloyd Forcing.

153789. Urbana.

153790 to 153801. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 21, 1946.

153790. No. 701. Ochuti.

153796. No. 707. Nyabande.

153791. No. 702. Arut.

153797. No. 708. Kumba.

153792. No. 703. Nyamiye.

153798. No. 709. Dongo.

153793. No. 704. Osudi.

153799. No. 710. Ekemeguni.

153794. No. 705. Andiwo.

153800. No. 711. Ofunjo.

153795. No. 706. Oloro.

153801. No. 712. Eriasi.

153802 to 153809. ARUNDINARIA spp. Poaceae.**Bamboo.**

From Georgia. Plants growing at the United States Plant Introduction Garden, Savannah. Numbered April 8, 1946.

153802. ARUNDINARIA GIGANTEA (Walt.) Chapm.

Canebrake bamboo.

Presented in 1935 by C. D. Beadle, Biltmore, N. C., where it reaches a maximum height of about 14 feet; the altitude is 2,200 feet.

153803 to 153806. ARUNDINARIA TECTA (Walt.) Muhl.

Switchcane bamboo.

153803. Originally from Travelers Rest, S. C.; presented by C. D. Beadle, Biltmore, N. C., in 1935.

153804. Originally from near Mobile, Ala.; presented by C. D. Beadle, Biltmore, N. C., in 1935.

153805. A low-growing form collected in 1938 by David A. Bisset from the Ogeechee River Swamp a few miles from the United States Plant Introduction Garden. This form has not exceeded about 22 inches high at the Garden.

153806. The taller form (up to about 6 feet), growing in the Ogeechee River Swamp; collected in 1946 by David A. Bisset.

153807. ARUNDINARIA TECTA var. DECIDUA Beadle.

Presented in 1935 by C. D. Beadle, Biltmore, N. C. This deciduous variety, growing on the Biltmore Estate at an altitude of 2,200 feet, reaches a maximum height of about 4½ feet.

153808 and 153809. ARUNDINARIA SIMONI (Cart.) A. & C. Rivière.

153802 to 153809—Continued

153808. Presented in 1927 by Louis P. Bosanquet, Fruitland Park, Fla. Originally obtained under the name *Bambusa violascens*, from Europe.

153809. Presented in 1941 by Julian Nally, Gotha, Fla. This is the lower form, rarely exceeding 8 feet in height; the plants flowered at Gotha in 1941 and at Savannah for a time thereafter.

153810 to 153813. *AMYGDALUS PERSICA* L. Amygdalaceae. **Peach.**

From New Jersey. Trees purchased from the New Jersey Peach Council, Inc., Princeton. Received March 25, 1946.

153810. No. 133.

153812. No. 135.

153811. No. 134.

153813. No. 137.

153814. *SACCHARUM*. Poaceae. **Sugarcane.**

From Cuba. Cuttings presented by Pedro Rodriguez Ortiz, Havana, through Roger H. McVeigh, Port Everglades, Fla. Received March 26, 1946.

Media Luna 3-18.

153815. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

From New Jersey. Seeds presented by Dr. R. Porter, Campbell Soup Co., Camden. Received March 26, 1946.

J. D. T.

153816. *SACCHARUM SPONTANEUM* L. Poaceae.

From Kenya. Seeds collected from near the Voi River by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 26, 1946.

153817. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

From Canada. Seeds presented by the Agronomy Department, MacDonald College, Sainte Anne de Bellevue, Quebec. Received March 26, 1946.

Dollard.

153818. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

From Canada. Seeds presented by the Central Experimental Farm, Ottawa. Received March 26, 1946.

Ottawa.

153819 to 153878.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 26, 1946.

153819 to 153877. *SORGHUM* spp. Poaceae.

153819 and 153820. *SORGHUM VULGARE* Pers.

153819. No. 713. *Mohair*. Near Nairobi.

153820. No. 713A. *Mohair*. Near Nairobi.

153821. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 714. Near Nairobi.

153822 to 153824. *SORGHUM VULGARE* Pers.

153822. No. 715. *Mubiya 1*. Machakos.

153823. No. 716. *Mubiya 2*. Machakos, agricultural field.

153824. No. 717. *Moriti*. Near Thika.

153825. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 718. Near Thika.

153819 to 153878—Continued

153826 to 153847. *SORGHUM VULGARE* Pers.153826. No. 719. *Mohia*. Near Thika.153827. No. 720. *Ngano*. Near Fort Hall.

153828 to 153832. Near Sagana.

153828. No. 721. *Goma*.153831. No. 724. *Kumba*.153829. No. 722. *Funjo*.153832. No. 725. *Mueya*.153830. No. 723. *Orolo*.153833. No. 726. *B. 2129*. Habaswein.

153834 to 153838. Near Meru.

153834. No. 728. *Mukubu*.153837. No. 731. *Muhia*.153835. No. 729. *Muheya*.153838. No. 732. *Mumera*.153836. No. 730. *Muhia*.153839 to 153844. *Muhia*. Near Chuka.

153839. No. 733.

153842. No. 736.

153840. No. 734.

153843. No. 737.

153841. No. 735.

153844. No. 738.

153845 to 153847. Near Embu.

153845. No. 739. *Njahi*.153846. No. 740. *Murunga*.153847. No. 741. *Muheha*.153848 to 153850. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

153848. No. 742. Near Sultan Hamud.

153849. No. 743. Near Sultan Hamud.

153850. No. 744. Teita Hills near Voi.

153851 to 153863. *SORGHUM VULGARE* Pers.

153851 to 153862. Teita Hills near Voi.

153851. No. 745. *Muemba, Mzekwa*.153852. No. 748. *Mzekwa 2*.153853. No. 749. *Mzekwa 3*.153854. No. 750. *Ngombo 1*.153855. No. 751. *Ngombo 2*.153856. No. 752. *Muemba*.153857. No. 753. *Muemba*.153858. No. 754. *Manganda*.153859. No. 755. *Muzedu*.153860. No. 756. *Ngarare, Nzekwa*.153861. No. 757. *Kittushu Kidula*.153862. No. 758. *Manganda*.153863. No. 759. *Mangando*. Near Mombara.153864. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 760. Near Kilifi.

153865. *SORGHUM VULGARE* Pers.No. 772. *Katenyano*. Market near Kitue.

153819 to 153878—Continued

153866 to 153868. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

153866 to 153868. Near Baomo.

153866. No. 763A.

153867. No. 763B.

153868. No. 763C.

153869. *SORGHUM VULGARE* Pers.No. 764. *Mbaya*. Near Baomo.153870. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 765. Tula River.

153871 to 153877. *SORGHUM VULGARE* Pers.

153871 to 153877. Near Molu.

153871. No. 766A. *Mubeya*.153872. No. 766B. *Mubeya*.153873. No. 767. *Mukotume*.153874. No. 768. *Katemu*.153875. No. 769. *Katugu*.153876. No. 770. *Mukoma*.153877. No. 771. *Muembe*.153878. *SACCHARUM SPONTANEUM* L. Poaceae.153879 to 153901. *GLYCINE MAX* (L.) Merrill. Fabaceae. **Soybean.**

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 26, 1946.

153879. *Aoda*.153880. *Boone*.153881. *Burnette*.153882. *Charlee*.153883. *Clemson*.153884. *Clemson* (non-shatter).153885. *Chief*.153886. *Gibson*.153887. *Higan-B*.153888. *Imperial*.153889. *Lincoln*.153890. *Macoupin*.153891. *Magnolia*.153892. *Mamredo*.153893. *Missoy*.153894. *Nanda*.153895. *Ogden*.153896. *Palmetto*.153897. *Patoka*.153898. *Ral soy*.153899. *Seminole*.153900. *Tastee*.153901. *Volstate*.153902. *SACCHARUM SPONTANEUM* L. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 27, 1946.

Gugu. From Baomo, on the Tara River.

153903. *GOSSYPIUM*. Malvaceae.**Cotton.**

From Egypt. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 27, 1946.

Amoun Egyptian.

153904 to 153916. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae.**Sweetpotato.**

153904 to 153916—Continued

From Japan. Tubers obtained from the Japanese Ministry of Agriculture and Forestry, Tokyo, through Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 27, 1946.

153904. No. 1. *Norin No. 1.*
 153905. No. 2. *Norin No. 2.*
 153906. No. 3. *Norin No. 3.*
 153907. No. 4. *Norin No. 4.*
 153908. No. 5. *Okinawa No. 100.*
 153909. No. 6. *Taihaku Saitama No. 1.*
 153910. No. 7. *Tsurunashi-Genji* (vineless).
 153911. No. 8. *Kagoshima.*
 153912. No. 9. *Beniaka No. 31.*
 153913. No. 10. *Gokoku-imo.*
 153914. No. 11. *Tachi-Kagoshima* (short-stemmed).
 153915. No. 12. *Taihaku.*
 153916. No. 13. *Oiran.*

153917 to 153923. HELIANTHUS ANNUUS L. Asteraceae.**Common sunflower.**

From Peru. Seeds presented by the Estación Experimental Agrícola de La Molina, Lima. Received March 13, 1946.

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| 153917. <i>Blanco.</i> | 153921. <i>Negro.</i> |
| 153918. <i>La Estanzuela.</i> | 153922. <i>Rayado.</i> |
| 153919. <i>Large California.</i> | 153923. <i>Montevideo.</i> |
| 153920. <i>Morado.</i> | |

153924 to 153926. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

From Japan. Seeds obtained by Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 15, 1946.

153924. *Rishu.*
 153925. *Ji Hat.*
 153926. *Aofuski.*

153927 to 153931. NICOTIANA TABACUM L. Solanaceae.**Common tobacco.**

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 28, 1946.

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| 153927. <i>Connecticut Broadleaf.</i> | 153930. <i>Madole.</i> |
| 153928. <i>Judy's Pride.</i> | 153931. <i>Maryland Medium Broadleaf.</i> |
| 153929. <i>Little Orinoco.</i> | |

153932 to 153937. TRIFOLIUM REPENS L. Fabaceae. **White clover.**

From Canada. Plants presented by the Central Experimental Farm, Ottawa, Ontario. Received March 28, 1946.

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| 153932. <i>L.C. No. 1.</i> | 153935. <i>L.C. No. 4.</i> |
| 153933. <i>L.C. No. 2.</i> | 153936. <i>L.C. No. 5.</i> |
| 153934. <i>L.C. No. 3.</i> | 153937. <i>L.C. No. 6.</i> |

153932 to 153959—Continued

153938. <i>L.C. No. 7.</i>	153949. <i>L.C. No. 18.</i>
153939. <i>L.C. No. 8.</i>	153950. <i>L.C. No. 19.</i>
153940. <i>L.C. No. 9.</i>	153951. <i>L.C. No. 20.</i>
153941. <i>L.C. No. 10.</i>	153952. <i>L.C. No. 21.</i>
153942. <i>L.C. No. 11.</i>	153953. <i>L.C. No. 22.</i>
153943. <i>L.C. No. 12.</i>	153954. <i>L.C. No. 23.</i>
153944. <i>L.C. No. 13.</i>	153955. <i>L.C. No. 24.</i>
153945. <i>L.C. No. 14.</i>	153956. <i>L.C. No. 25.</i>
153946. <i>L.C. No. 15.</i>	153957. <i>L.C. No. 26.</i>
153947. <i>L.C. No. 16.</i>	153958. <i>L.C. No. 27.</i>
153948. <i>L.C. No. 17.</i>	153959. <i>L.C. No. 28.</i>

153960 to 154105. *GOSYPIUM*. Malvaceae.

Cotton.

From Mexico and Guatemala. Seeds collected by Thomas R. Richmond, Agricultural Experiment Station, College Station, Tex. Received March 23, 1946.

153960 to 153980. From Guatemala.

153960. G-1. Las Palmas.	153971. G-12. Mazatenango.
153961. G-2. Las Palmas.	153972. G-13. Mazatenango.
153962. G-3. Santo Domingo.	153973. G-14. Mazatenango.
153963. G-4. Santo Domingo.	153974. G-15. Mazatenango.
153964. G-5. Retahulue.	153975. G-16. Coronado.
153965. G-6. Caballo Blanco.	153976. G-17. San José el Idolo.
153966. G-7. San José el Iolo.	153977. G-18. San Rafael Panan.
153967. G-8. Cuotenango.	153978. G-19. Huehuetenango.
153968. G-9. (Bulk sample).	153979. G-20. Guatemala City.
153969. G-10. (Bulk sample).	153980. G-21. Mazatenango.
153970. G-11. (Bulk sample).	

153981 to 154105. From Mexico.

153981 to 153987. From the State of Guerrero.

153981. No. 1. Xalitla.	153985. No. 5. Mazatlán.
153982. No. 2. Xalitla.	153986. No. 6. Acahuizotla.
153983. No. 3. Mexcala.	153987. No. 7. Carrizal.
153984. No. 4. Petaquillas.	

153988 to 153995. From the State of Puebla.

153988. No. 8. Atlixco.	153992. No. 13. Catlán.
153989. No. 10. Matamorós.	153993. No. 14. Acatlán.
153990. No. 11. Tepenene.	153994. No. 15. Acatlán.
153991. No. 12. Acatlán.	153995. No. 16. Petlalcingo.

153996 to 154016. From the State of Oaxaca.

153996. No. 17. San Juan.	154000. No. 21. Santa María Coyotepes.
153997. No. 18. San Juan.	154001. No. 22. Santa María Coyotepes.
153998. No. 19. Oaxaca.	154002. No. 24. Ocotlán.
153999. No. 20. San Agustín de las Juntas.	

153960 to 154105—Continued

154003. No. 25. Ejutla.	154010. No. 32. Salena Cruz.
154004. No. 26. Santiago Meahuatlán.	154011. No. 33. Salena Cruz.
154005. No. 27. Oaxaca.	154012. No. 34. Tlacoatepec.
154006. No. 28. San José.	154013. No. 35. Ixtepec.
154007. No. 29. Oaxaca.	154014. No. 36. Ixtepec.
154008. No. 30. Salena Cruz.	154015. No. 37. Ixtepec.
154009. No. 31. Salena Cruz.	154016. No. 38. Ixtepec.
154017 to 154105. From the State of Chiapas.	
154017. No. 39. Inxtla.	154050. No. 72. Acala.
154018. No. 40. Chiapa.	154051. No. 73. Acala.
154019. No. 41. Simojovel.	154052. No. 74. Acala.
154020. No. 42. Simojovel.	154053. No. 75. Acala.
154021. No. 43. Huitipan.	154054. No. 76. Near Acala.
154022. No. 44. Huitipan.	154055. No. 77. Acala.
154023. No. 45. Huitipan.	154056. No. 78. Acala.
154024. No. 46. Huitipan.	154057. No. 79. Chiapilla.
154025. No. 47. Inxtla.	154058. No. 80. Chiapilla.
154026. No. 48. Inxtla.	154059. No. 81. Chiapilla.
154027. No. 49. Inxtla.	154060. No. 82. Chiapilla.
154028. No. 50. Inxtla.	154061. No. 83. Chiapilla.
154029. No. 51. Inxtla.	154062. No. 84. Chiapilla.
154030. No. 52. Inxtla.	154063. No. 85. Chiapilla.
154031. No. 53. Chiapa.	154064. No. 86. Chiapilla.
154032. No. 54. Chiapa.	154065. No. 87. Totolapa.
154033. No. 55. Inxtla.	154066. No. 88. Totolapa.
154034. No. 56. Ieran.	154067. No. 89. Totolapa.
154035. No. 57. Ieran.	154068. No. 90. Zapatal.
154036. No. 58. Ieran.	154069. No. 91. Zapatal.
154037. No. 59. Berriozabal.	154070. No. 92. Zapatal.
154038. No. 60. Berriozabal.	154071. No. 93. Zapatal.
154039. No. 61. Ocozacutla.	154072. No. 94. Near Acala.
154040. No. 62. Inxtla.	154073. No. 95. Lazaro Gardenas.
154041. No. 63. Inxtla.	154074. No. 96. Tuxtla.
154042. No. 64. Inxtla.	154075. No. 97. Tuxtla.
154043. No. 65. Acala.	154076. No. 98. Tuxtla.
154044. No. 66. Acala.	154077. No. 99. Las Casas.
154045. No. 67. Acala.	154078. No. 100. Las Casas.
154046. No. 68. Acala.	154079. No. 101. Comitan.
154047. No. 69. Acala.	154080. No. 102. Comitan.
154048. No. 70. Acala.	154081. No. 103. Comitan.
154049. No. 71. Acala.	154082. No. 104. Comitan.

153960 to 154105—Continued

154083. No. 105. Comitan.	154095. No. 117. San Bartalome.
154084. No. 106. Comitan.	154096. No. 118. San Bartalome.
154085. No. 107. Comitan.	154097. No. 119. Flores Magon.
154086. No. 108. Comitan.	154098. No. 120. Flores Magon.
154087. No. 109. Comitan.	154099. No. 121. Flores Magon.
154088. No. 110. Comitan.	154100. No. 122. Rosario.
154089. No. 111. Zoria Titan.	154101. No. 123. Rosario.
154090. No. 112. San Bartalome.	154102. No. 124. Rosario.
154091. No. 113. San Bartalome.	154103. No. 125. Chiapalla.
154092. No. 114. San Bartalome.	154104. No. 126. Lazaro.
154093. No. 115. San Bartalome.	154105. No. 127. Cintalapa.
154094. No. 116. San Bartalome.	

154106. *PERILLA FRUTESCENS* (L.) Britton. Menthaceae.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received March 28, 1946.

Early-maturing type.

154107. *RHOEO* sp. Commelinaceae.

From Mexico. Seeds presented by Dr. Narciso Couza-Novelo, Mérida, Yucatán. Received March 29, 1946.

154108 to 154120. *MORUS* spp. Moraceae.

From Japan. Plants presented by F. Kubota, Mulberry Technician, Japanese Ministry of Agriculture and Forestry, Tokyo, through Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received March 29, 1946.

154108 to 154112. *MORUS ALBA* L.

White mulberry.

154108. *Ichimose*.

154111. *Takowase*.

154109. *Kairyo-nezumigaeshi*.

154112. *Tomieiso*.

154110. *Shuakuichi*.

154113 to 154116. *MORUS AUSTRALIS* Poir.

154113. *Akaki*.

154115. *Kenmochi*.

154114. *Ichiei*.

154116. *Shimanouchi*.

154117 and 154118. *MORUS ALBA* var. *MULTICAULIS* (Perr.) Loud.

154117. *Oshimaso*.

154118. *Roso*.

154119. *MORUS* sp.

Nekoyatakasuke.

154120. *MORUS* sp.

Obawase.

154121. *CYNODON PLECTOSTACHYUM* (Schum.) Pilg. Poaceae.
Giant star grass.

From India. Seeds presented by Dr. B. Sen, Bivekananda Laboratory, Almora, United Provinces, through W. F. Dickson, Agricultural Adviser, New Delhi. Received March 25, 1946.

154122 to 154126. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Mexico. Seeds collected by T. R. Richmond, Agricultural Experiment Station, College Station, Tex. Received March 28, 1946.

A collection of beans from southern Mexico; received without special notes.

154122. No. 1. 154125. No. 4.

154123. No. 2. 154126. No. 5.

154124. No. 3.

154127. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From South Carolina. Seeds presented by the United States Department of Agriculture Vegetable Breeding Laboratory, Charleston. Received May 6, 1946.

CRW 104-5.

154128. MANIHOT ANGUSTILOBA (Torr.) Muell. Arg. Euphorbiaceae.

From Arizona. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered in May 1946.

Originally grown from seeds collected in Sycamore Canyon, Santa Cruz County, in August 1945, by Leslie N. Goodding, Soil Conservation Service.

154129. CROTALARIA JUNCEA L. Fabaceae. Sunn-hemp.

From Texas. Seeds purchased from the Ellis Seed Co., Weslaco. Received April 15, 1946.

154130. PASPALUM NOTATUM Fluegge. Poaceae. Bahia grass.

From Paraguay. Seeds presented by W. C. Brister, Director of Food Supply Division, Office of Inter-American Affairs, Washington, D. C. Received April 16, 1946.

Barrerito. A broadleaf variety, collected on STICA ranch, Caapucu.

154131. BALANITES AEGYPTIACA (L.) Delile. Zygophyllaceae.

From Egypt. Seeds presented by Alfred Bircher, Middle Egypt Botanic Station, el Saf. Received April 18, 1946.

154132 to 154134.

From Peru. Seeds presented by Luis Gonzales Prada, Negociación Agrícola, Sullana. Received April 18, 1946.

154132. *ORYZA SATIVA* L. Poaceae. Rice.

Lambayeque. From Sen-Peni.

154133 and 154134. *VIGNA SINENSIS* (Torner) Savi. Fabaceae. Cowpea.

154133. *Bocablanca*. From Piura.

154134. *Bocanegra*. From Piura.

154135. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Maine. Plants growing at the United States Plant Introduction Garden, Glenn Dale, Md. Numbered April 18, 1946.

Marquette. Originally from R. M. Riley, Pittsfield.

154136 to 154139. ORNITHOPUS SATIVUS Brot. Fabaceae. Serradella.

From Portugal. Seeds presented by the Director General of Agriculture, Lisbon. Received April 11, 1946.

154136. No. 1. 154138. No. 3.

154137. No. 2. 154139. No. 4.

- 154140 to 154142. SOLANUM TUBEROSUM L. Solanaceae. Potato.**
 From Minnesota. Tubers obtained from the Agricultural Experiment Station, University Farm, St. Paul. Received April 11, 1946.
154140. *Kasota*. 154142. *Red Warba*.
 154141. *Mesaba*.
- 154143 to 154146. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.**
 From Maryland. Roots obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 11, 1946.
154143. *Big-Stem Jersey*. 154145. *Puerto Rico*.
 154144. *Nancy Hall*. 154146. *Yellow Jersey*.
- 154147. CUPRESSUS SEMPERVIRENS L. Pinaceae. Italian cypress.**
 From Greece. Seeds presented by James Levanos, Washington, D. C. Received April 17, 1946.
 Collected in Athens.
- 154148. ALEURITES FORDII Hemsl. Euphorbiaceae. Tung-oil tree.**
 From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 18, 1946.
- 154149. PUERARIA THUNBERGIANA (Sieb. & Zucc.) Benth. Fabaceae. Kudzu.**
 From Georgia. Roots purchased from the Kudzu Farms, Barnesville. Received April 9, 1946.
- 154150. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**
 From Canada. Seeds purchased from the Steele, Briggs Seed Co., Toronto. Received April 1, 1946.
Vetomold.
- 154151. SORGHUM SUDANENSE (Piper) Stapf. Poaceae. Sudan grass.**
 From Texas. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 1, 1946.
 Sweet Sudan grass developed by the Agricultural Experiment Station, College Station, Tex.
- 154152 and 154153. ZEA MAYS L. Poaceae. Corn.**
 From Iowa. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md.
154152. *Iowa Hybrid No. 306*.
 154153. *U. S. Hybrid No. 36*.
- 154154 to 154169. MALUS SYLVESTRIS Mill. Malaceae. Apple.**
 From Germany. Cuttings obtained from the Weihenstephan Agricultural School, Weihenstephan, Bavaria, through Lt. R. A. Peters, United States Army. Received March 28, 1946.
154154. *Alba*. 154158. *Belle Fleur Reкарd*.
 154155. *Antonowka Kaminitschka*. 154159. *Antonowka*.
 154156. *Babuschkino*. 154160. *Hybride Aus Mlejewo*.
 154157. *Belle Fleur Kitajka*. 154161. *Kandil Kitajka*.

154154 to 154169—Continued

154162. *Kandil Sinap*.

154163. *Kantapfel Von Mitschurin*.

154164. *Miron Sacharanij*.

154165. *Mitschurins Samenioser*.

154166. *Nitschners Erdbeerapfel*.

154167. *Novopowlowskoje*.

154168. *Pepping Kitajka*.

154169. *Pepping Schattranaga*.

154170. ANNONA CHERIMOLA Mill. Annonaceae. **Cherimoya.**

From Peru. Seeds presented by Edwin Anderson, W. R. Grace & Co., Lima. Received April 1, 1946.

Grown in the Huacho Valley.

154171 to 154178. RICINUS COMMUNIS L. Euphorbiaceae.

Castor-bean.

From Argentina. Seeds presented by E. C. Clos, Ministry of Agriculture, Buenos Aires. Received April 1, 1946.

From Eldorado, Misiones.

154171. *No. 2912*. Spineless variety.

154172. *No. 2913*.

154173. *No. 2914*.

154174. *No. 2915*.

154175. *No. 2916*.

154176. *No. 2917*.

154177. *No. 2918*.

154178. *No. 2919*. Spiny, Brazilian variety.

154179 and 154180. PYRUS COMMUNIS L. Malaceae. **Common pear.**

From Palestine. Scions presented by the Jewish Agency, Agricultural Research Station, Rehovot. Received April 2, 1946.

154179. *Calville Saint Sauveur*.

154180. (No varietal name.)

154181 to 154184. HELIANTHUS ANNUUS L. Asteraceae. **Sunflower.**

From Argentina. Seeds presented by E. C. Clos, Ministry of Agriculture, Buenos Aires. Received April 3, 1946.

154181. *No. 2990*. *Girasol*. From Maximo Paz, Province of Buenos Aires.

154182 to 154184. From the Estación Experimental de Puerta de Diaz, Coronel Moldes, Province of Salta.

154182. *Girasol Blanco*.

154183. *Girasol Negro*.

154184. *Girasol Rayado*.

154185 and 154186. ORYZA SATIVA L. Poaceae. **Rice.**

From the eastern Caroline Islands. Seeds presented by H. G. MacMillan, Deputy Special Representative, United States Commercial Co. Received April 3, 1946.

From the Island of Ponape.

154185. *Upland*.

154186. *Paddy*.

154187. LESPEDEZA STRIATA (Thunb.) Hook. & Arn. Fabaceae.

From Louisiana. Seeds purchased from the Louisiana Agricultural Cooperative, Inc., Baton Rouge. Received April 3, 1946.

154188. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Colorado. Tubers presented by W. C. Edmundson, Horticulturist, Potato Field Station, Greeley. Received April 8, 1946.

Pawnee.

154189 to 154200. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From the Netherlands. Seeds presented by W. A. Beck, Centraal Instituut voor Landbouwkundig Onderzoek, Wageningen. Received April 4, 1946.

Hybrids from L. Koch, Zeist, Netherlands.

154189. *No. 67.* 154195. *No. 60.*

154190. *No. 39.* 154196. *No. 51.*

154191. *No. 44.* 154197. *No. 701.*

154192. *No. 45.* 154198. *No. 707.*

154193. *No. 47.* 154199. *No. 709.*

154194. *No. 48.* 154200. *No. 713.*

154201. ORMOSIA SANTAREMNENSIS Ducke. Fabaceae.

From Brazil. Seeds presented by S. O. Thatcher, Marshall, Tex. Received April 5, 1946.

Tento. From Manáos.

154202 to 154215. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Illinois. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 5, 1946.

154202. *Boone.* 154209. *Macoupin.*

154203. *Chief.* 154210. *Mandell.*

154204. *Dunfield.* 154211. *Ontario.*

154205. *Earlyana.* 154212. *Patoka.*

154206. *Flambeau.* 154213. *Richland.*

154207. *Gibson.* 154214. *Scioto.*

154208. *Lincoln.* 154215. *Viking.*

154216. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maryland. Tubers presented by W. P. Deberry, Oakland. Received April 4, 1946.

Potomac.

154217. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maine. Tubers presented by R. V. Akeley, Aroostook Farm, Presque Isle. Received April 5, 1946.

Earlaine.

154218 to 154220. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From New York. Tubers presented by the Robson Seed Farms, Hall. Received April 9, 1946.

154218. *Cayuga.*

154219. *Ontario.*

154220. *Seneca.*

154221. ZEA MAYS. L. Poaceae. Corn.

From Washington, D. C. Seeds presented by F. W. Bolgiano & Co. Received April 11, 1946.

U. S. Hybrid No. 13.

154222 to 154268. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Plant Industry Station, Beltsville. Received April 16, 1946.

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| 154222. <i>Aoda.</i> | 154246. <i>Wolverne.</i> |
| 154223. <i>Arksoy.</i> | 154247. <i>GV-8.</i> |
| 154224. <i>Boone.</i> | 154248. <i>GV-9.</i> |
| 154225. <i>Chief.</i> | 154249. <i>Armredo.</i> |
| 154226. <i>Emperor-1.</i> | 154250. <i>Biloz.</i> |
| 154227. <i>Funk Delicious.</i> | 154251. <i>Burnette.</i> |
| 154228. <i>Gibson.</i> | 154252. <i>Charlee.</i> |
| 154229. <i>Hahto-1.</i> | 154253. <i>Cherokee.</i> |
| 154230. <i>Hahto-3.</i> | 154254. <i>Clemson.</i> |
| 154231. <i>Hagan-B.</i> | 154255. <i>CNS.</i> |
| 154232. <i>Hongkong.</i> | 154256. <i>Creole.</i> |
| 154233. <i>Imperial.</i> | 154257. <i>Georgian.</i> |
| 154234. <i>Imperial-5.</i> | 154258. <i>Magnolia.</i> |
| 154235. <i>Jogun.</i> | 154259. <i>Mamredo.</i> |
| 154236. <i>Kanum.</i> | 154260. <i>Missoy.</i> |
| 154237. <i>Kanro.</i> | 154261. <i>Monetta.</i> |
| 154238. <i>Lincoln.</i> | 154262. <i>Nanda.</i> |
| 154239. <i>Macoupon.</i> | 154263. <i>Nanking.</i> |
| 154240. <i>Patoka.</i> | 154264. <i>Ogden.</i> |
| 154241. <i>Ralsoy.</i> | 154265. <i>Palmetto.</i> |
| 154242. <i>Rokusun-7.</i> | 154266. <i>Roanoke.</i> |
| 154243. <i>Tastee.</i> | 154267. <i>Seminole.</i> |
| 154244. <i>Viking.</i> | 154268. <i>Volstate.</i> |
| 154245. <i>Willomi</i> | |

154269 to 154272.

From New Zealand. Seeds presented by J. D. Wright, Timaru. Received April 3, 1946.

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| 154269. <i>DACTYLIS GLÖMERATA L. Poaceae.</i> | Orchard grass. |
| <i>New Zealand Cocksfoot No. C-23.</i> | |
| 154270. <i>LOLIUM MULTIFLORUM Lam. Poaceae.</i> | Italian ryegrass. |
| 154271. <i>TRIFOLIUM PRATENSE L. Fabaceae.</i> | Red clover. |
| <i>Montgomery.</i> | |
| 154272. <i>TRIFOLIUM REPENS L.</i> | White clover. |

154273 to 154277.

From Sweden. Seeds presented by the Lantbrukshogskolans Institution for Vaxtödlingslara, Uppsala. Received April 9, 1946.

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| 154273 and 154274. <i>HORDEUM VULGARE L. Poaceae.</i> | Barley. |
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154273 to 154277—Continued

154273. *Stellar*. From Landskrona.
 154274. *Ymer*. From Svalof.
 154275 and 154276. TRITICUM AESTIVUM L. Poaceae. Common wheat.
 154275. *Bronze*. From Landskrona.
 154276. *Karn*. From Landskrona.
 154277. TRITICUM AESTIVUM × SECALE CEREALE. Poaceae. Wheat-rye hybrid.
 From Salzmiinde.

154278 to 154284. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Algeria. Seeds presented by the Chief, Central Station for Seed Trials and Plant Improvement, Maison-Carrée, Algiers. Received April 17, 1946.

154278. *Florence* × *Aurora* No. 8183. 154282. *Pusa* × *Mentana* No. 9290.
 154279. *Florence* × *Aurora* No. 8191. 154283. *Pusa* × *Mentana* No. 10359.
 154280. *Florence* × *Aurora* No. 8193. 154284. *Zenati* × *Bouteille* No. 13953.
 154281. *Oued* × *Zenati* No. 368.

154285 to 154292.

From Argentina. Seeds presented by the Ministerio de Agricultura, Dirección Forestal, División Silvicultura, Buenos Aires. Received April 2, 1946.

154285. CHORISIA SPECIOSA St. Hil. Bombacaceae.
Palo Borracho.
 154286. ENTEROLOBIUM CONTORTISILIQUUM (Vell.) Morong. Mimosaceae.
Timbo.
 154287. PROSOPIS ALBA Griseb. Mimosaceae.
Algarrobo Blanco.
 154288. PROSOPIS NANDUBEY Lorentz.
Nandubay.
 154289. PROSOPIS NIGRA (Griseb.) Hieron.
Algarrobo Negro.
 154290. SCHINOPSIS LORENTZII (Griseb.) Engler. Anacardiaceae.
Quebracho Santiagueno.
 154291. SCHINUS MOLLE L. Anacardiaceae. California peppertree.
Aquaribay.
 154292. TIPUANA TIPU (Benth.) O. Kuntze. Fabaceae. Tipu-tree.

154293 to 154295. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

From Japan. Seeds presented by Dr. V. R. Boswell, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received April 19, 1946.

154293. *Improved Imperial Pink*. 154295. *Improved Tokyo Market*.
 154294. *Improved Globe Tokyo*.

154296 to 154297. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Michigan. Tubers presented by the Michigan Potato Exchange, Cadillac. Received April 22, 1946.

154296. *Erie*.
 154297. *Pontiac*.

154298 to 154310. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From Mexico. Seeds presented by Ricardo Leon Manzo, Campo Experimental del Yaqui, Ciudad Obregon, Sonora. Received April 22, 1946.

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| 154298. 1-2-5-1-3. | 154305. 10-5-6-4-4. |
| 154299. 3-4-6-6-1. | 154306. 13-3-5-2-4. |
| 154300. 5-1-4-3-5. | 154307. 14-4-5-2-2. |
| 154301. 7-3-5-4-2. | 154308. 25-2-5-6-6. |
| 154302. 8-2-6-3-1. | 154309. 23-6-3-2-3. |
| 154303. 9-2-5-3-3. | 154310. 34-3-5-1-4. |
| 154304. 10-3-6-3-5. | |

154311 to 154319. PELARGONIUM spp. Geraniaceae.

From Maryland. Seeds obtained from the Division of Tobacco, Medicinal, and Special Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 23, 1946.

- 154311. PELARGONIUM TOMENTOSUM Jacq.
- 154312. PELARGONIUM sp.
- 154313. PELARGONIUM DENTICULATUM Jacq.
- 154314. PELARGONIUM sp.
- 154315. PELARGONIUM RADULA (Cav.) L'Her.
- 154316. PELARGONIUM sp.
- 154317. PELARGONIUM ODORATISSIMUM (L.) Soland.
- 154318. PELARGONIUM CAPITATUM (L.) L'Hér.
- 154319. PELARGONIUM LIMONIUM Sweet.

154320 to 154324. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Maine. Tubers presented by the Eastern States Farmers Exchange, Springfield, Mass. Received April 24, 1946.

Originally from Presque Isle.

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| 154320. <i>Earlaine</i> . | 154323. <i>Sebago</i> . |
| 154321. <i>Houma</i> . | 154324. <i>Sequoia</i> . |
| 154322. <i>Mohawk</i> . | |

154325 to 154328. GOSSYPIUM. Malvaceae. Cotton.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 24, 1946.

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| 154325. <i>Coker 100</i> . | 154327. <i>Empire</i> . |
| 154326. <i>Deltapine 14</i> . | 154328. <i>Stoneville 2-B</i> . |

154329 and 154330. MALUS. Malaceae.

From Canada. Trees presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received April 25, 1946.

- 154329. *Astrakan White* × *Malus manchurica*.
- 154330. *Calville Blanc* × *Malus manchurica*.

154331 and 154332. COFFEA spp. Rubiaceae. Coffee.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered Dec. 3, 1951.

154331 and 154332—Continued**154331.** COFFEA ARABICA L.*Variety Columnaris.* Grown from seeds received in 1925 from the Federal Experiment Station, Mayagüez, Puerto Rico.**154332.** COFFEA sp.

Originally received from the Office of Crop Acclimatization, Washington, D. C., in 1925.

154333 to 154335. MALUS. Malaceae.

From Canada. Scions presented by the Central Experiment Farm, Ottawa. Received April 26, 1946.

154333. *Rondo.***154334.** *Rosthern Seedling No. 22.***154335.** *Rosthern Seedling No. 77.***154336 and 154337.** IPOMOEA BATATAS (L.) Lam. Convolvulaceae.
Sweetpotato.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 29, 1946.

154336. *L-126.* (Formerly *1x6-39-10.*)**154337.** *L-9.* (Formerly *1x42-39-3.*)**154338 to 154341.**

From China. Seeds collected in Kansu Province by W. C. Lowdermilk, Soil Conservation Service, United States Department of Agriculture. Received April 17, 1946.

154338 and 154339. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

Kootai, Kansu Corridor, Sept. 1, 1943.

154338. *Kootai No. 1.***154339.** *Kootai No. 2.***154340.** PYRUS sp. Malaceae. **Pear.**

Upper King River Valley, near Ping Liang. Fruit brown, dense.

154341. PYRUS sp.

Upper King River Valley, near Ping Liang. Fruit yellow, dense.

154342 to 154344.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain. Received April 29, 1946.

154342. ELAEAGNUS COMMUTATA Bernn. Elaeagnaceae.**154343.** MAHONIA AQUIFOLIUM (Pursh) Nutt. Berberidaceae.**154344.** SHEPHERDIA CANADENSIS (L.) Nutt. Elaeagnaceae.**154345.** CITRUS AURANTIUM × SINENSIS. Rutaceae.**Bittersweet orange.**

From California. Seeds presented by the Citrus Experiment Station, Riverside. Received April 29, 1946.

154346 and 154347.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove. Numbered in May 1946.

154346 and 154347—Continued

154346. KOHLERIA sp. Gesneriaceae.

Originally from Colombia. Collected along road between Villavicencio and Puerto Lopez by Dr. David Fairchild. A tall pink-flowered perennial herb, 2½ feet high, with densely pubescent leaves and scaly stems. The tubular flowers, 2 inches long, resemble those of a penstemon.

154347. TOURNEFORTIA SARMENTOSA Lam. Boraginaceae.

Collected near Donggala, Celebes, Dutch East Indies, by the Archbold-Fairchild Expedition. A scandent vine with alternate light-green leaves, up to 8 by 2½ inches, and pendent clusters of glossy pearl-white fruits, ¼ inch in diameter, in double rows.

154348. ORYZA SATIVA L. Poaceae.

Rice.

From Arkansas. Seeds obtained from the Agricultural Experiment Station, Stuttgart. Received April 29, 1946.

Arkrose.

154349 to 154364.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 7, 1946.

154349 to 154355. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

154349. African.

154353. Indian.

154350. Arizona Chilean.

154354. Kansas Common.

154351. Buffalo.

154355. Oklahoma.

154352. Hardigan.

154356 and 154357. MELILOTUS ALBA Desr. Fabaceae.

White sweetclover.

154356. Arctic.

154357. Brandon Dwarf.

154358 and 154359. MELILOTUS OFFICINALIS (L.) Lam.

Yellow sweetclover.

154358. Erector.

154359. Madrid.

154360. TRIFOLIUM DUBIUM Sibth. Fabaceae.

154361. TRIFOLIUM GLOMERATUM L.

154362. TRIFOLIUM HIRTUM All.

154363. TRIFOLIUM PRATENSE L.

Red clover.

Cumberland.

154364. TRIFOLIUM PROCUMBENS L.

Large Hop.

154365 to 154367.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 7, 1946.

154365. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae.

Guar.

154366 and 154367. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

154366. Indian.

154367. Oklahoma Common.

154368 to 154387. ZEA MAYS L. Poaceae.**Corn.**

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 7, 1946.

154368. <i>CI 187-2.</i>	154376. <i>K 10.</i>
154369. <i>Tenn 8.</i>	154379. <i>K 41.</i>
154370. <i>La 10.</i>	154380. <i>K 4.</i>
154371. <i>La 44.</i>	154381. <i>K 6.</i>
154372. <i>La 87-2.</i>	154382. <i>K 8.</i>
154373. <i>La 668.</i>	154383. <i>K 44.</i>
154374. <i>NC 45.</i>	154384. <i>K 65.</i>
154375. <i>NC 61.</i>	154385. <i>K 60.</i>
154376. <i>NC 73.</i>	154386. <i>K 63.</i>
154377. <i>La 678.</i>	154387. <i>K 64.</i>

154388 and 154389. DACTYLIS GLOMERATA L. Poaceae.**Orchard grass.**

From England. Seeds presented by Gartons, Ltd., Warrington. Received May 7, 1946.

154388. <i>S-26.</i>
154389. <i>S-143.</i>

154390 to 154403. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 7, 1946.

154390. <i>Boone.</i>	154397. <i>Macoupin.</i>
154391. <i>Chief.</i>	154398. <i>Ogden.</i>
154392. <i>Dunfield.</i>	154399. <i>Patoka.</i>
154393. <i>Gibson.</i>	154400. <i>Viking.</i>
154394. <i>Hongkong.</i>	154401. <i>Volstate.</i>
154395. <i>Illini.</i>	154402. <i>C. N. S.</i>
154396. <i>Lincoln.</i>	154403. <i>Ralsoy.</i>

154404 to 154411.

From Chile. Seeds presented by Carlos Junge, Jardin Zoologico, Concepcion. Received May 8, 1946.

154404. <i>BACCHARIS RACEMOSA DC. Asteraceae.</i>
154405. <i>CALCEOLARIA INTEGRIFOLIA Murr. Scrophulariaceae.</i> <i>No. 274.</i>

154406. DRIMYS CHILENSIS DC. Magnoliaceae.

An evergreen tree up to 60 feet tall, with white flowers.

154407. LAURELIA SEMPERVIRENS (Ruiz & Pav.) Tulasne. Monimiaceae.

An evergreen tree up to 70 feet tall, with small greenish flowers.

154408. MAYTENUS MAGELLANICUS (Lam.) Hook. f. Celastraceae.**154409. OENOTHERA BERTERIANA Spach. Onagraceae.****154410. PERNETTYA MELANOCARRA Phil. Ericaceae.**

An evergreen shrub with white flowers.

154411. PEUMUS BOLDUS Molina. Monimiaceae.

An evergreen shrub, 3 to 20 feet high, with white flowers.

154412. COCHLOSPERMUM VITIFOLIUM (Willd.) Spreng.
Cochlospermaceae.

From British Honduras. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered May 9, 1946.

Originally obtained from Belize in 1945 by E. A. Menninger, Stuart, Fla.

154413 and 154414. ORYZA SATIVA L. Poaceae. Rice.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received May 10, 1946.

154413. *Cody*.

154414. *Colusa*.

154415 to 154429. ORYZA SATIVA L. Poaceae. Rice.

From Formosa. Seeds presented by the Foreign Affairs Bureau, Taiwan Army Staff Headquarters. Received May 10, 1946.

154415. *Kanan No. 2.*

154423. *E-kha-keh-a.*

154416. *Taichiya No. 65.*

154424. *G-nng-chut.*

154417. *Taichiya No. 150.*

154425. *Liu-tau-a.*

154418. *Taino No. 34.*

154426. *Peh-bi-hun.*

154419. *Taino No. 37.*

154427. *Peh-khak.*

154420. *Taino No. 38.*

154428. *Teh-kong-hoe-le.*

154421. *Taihoku No. 7.*

154429. *Tek-si-chut.*

154422. *E-kha-liu-chiu.*

154430 to 154707. ORYZA SATIVA L. Poaceae. Rice.

From Formosa. Seeds presented by the Taichu Experiment Station, Taichu. Received May 10, 1946.

154430 to 154444. Formosan native varieties. (Upland, from mountain district.)

154430. *Pazumatamaru.*

154438. *Nakara.*

154431. *Paiyautsuru.*

154439. *Nutsuriwai.*

154432. *Baijufugoya.*

154440. *Pakaitayaru.*

154433. *Paiauru.*

154441. *Natara.*

154434. *Mairaromu.*

154442. *Kaisentekketsu.*

154435. *Ragasu.*

154443. *Nahorui.*

154436. *Komapatai.*

154444. *Perizu.*

154437. *Tangeshigeshi-rankatsu.*

154445 to 154448. Foreign varieties.

154445. *Hapit.*

154447. *Montana.*

154446. *Mandalagiri.*

154448. *Mutica.*

154449 to 154453. Mongolian varieties.

154449. *Daido natives.*

154452. *Saku natives.*

154450. *Chikuroku natives.*

154453. *Kin-suito.*

154451. *Oge to.*

154454 to 154466. Horai varieties from the Taichu Experiment Station.

154454. *Taichu-toku No. 6.*

154457. *Taichu No. 153.*

154455. *Taichu No. 65.*

154458. *Taichu No. 155.*

154456. *Taichu No. 150.*

154459. *Taichu No. 157.*

154430 to 154707—Continued

154460. *Taichu No. 160.*154461. *Taichu No. 161.*154462. *Taichu No. 162.*154463. *Taichu Mochi No. 46.*154464. *Taichu Mochi No. 59.*154465. *Taichu Mochi No. 60.*154466. *Taichu Mochi No. 62.*

154467 to 154475. Formosan native varieties from the Taichu Experiment Station.

154467. *Thianlai.*154468. *Minton.*154469. *Pehbi-kimkau.*154470. *Chhinko-chiam.*154471. *Pehkhak-kimkau.*154472. *Hiakongpau.*154473. *Hoana.*154474. *Limbo.*154475. *Koa.*

154476 to 154501. Formosan native varieties from mountain district.

154476 to 154487. Lowland.

154476. *Pattosu.*154477. *Paazudobusu.*154478. *Natapasume.*154479. *Payaipatosu.*154480. *Sibura.*154481. *Tobura.*154482. *Paazusibiri.*154483. *Taimo.*154484. *Karasu-karasu-rankatsu.*154485. *Pasirankasu.*154486. *Nawayao.*154487. *Poshamu.*

154488 to 154501. Upland.

154488. *Periizu.*154489. *Tamohin.*154490. *Sakura.*154491. *Paiyautsuru.*154492. *Komonawai.*154493. *Bohai.*154494. *Gurusu.*154495. *Nagabo.*154496. *Nakaran.*154497. *Pohotsu-taiyaru.*154498. *Fukurupagai.*154499. *Kaasukotakoru.*154500. *Sen No. 4.*154501. *Sen No. 8.*

154502 to 154558. Japanese varieties.

154502 to 154549. Lowland.

154502. *Gin-bozu.*154503. *Gin-bozu-chusei.*154504. *Sozu No. 5.*154505. *Aikoku No. 1.*154506. *Mubo-aikoku.*154507. *Kairyō-aikoku.*154508. *Rikuu No. 132.*154509. *Kameji.*154510. *Shinriki.*154511. *Nakamura.*154512. *Tango-nakete.*154513. *Asahi No. 3.*154514. *Komiyako.*154515. *Iwata-asahi.*154516. *Aikawa No. 44.*154517. *Wase-ono.*154518. *Shin-shonai.*154519. *Toyokuni No. 1.*154520. *Sakai-kaneko.*154521. *Konko-taikei-to.*154522. *Yasumura No. 8.*154523. *Kisshin No. 1.*154524. *Shimehari.*154525. *Amachi.*154526. *Nagara-wase.*154527. *Hachizaemon.*154528. *Guneki.*154529. *Odashirobo.*

154430 to 154707—Continued

154530. *Mansaku*.154531. *Tamanishiki*.154532. *Takenari*.154533. *Mizuho*.154534. *Mi*.154535. *Minoru*.154536. *Yoru-no-yuki (Mochi)*.154537. *Fujikura Mochi*.154538. *Shiga-shiro Mochi*.154539. *Kenen Mochi*.

154550 to 154558. Upland varieties.

154550. *Sensho*.154551. *Asaga*.154552. *Urasan*.154553. *Hirayama*.154554. *Fukuton*.154540. *Myojin Mochi*.154541. *Kuro Mochi No. 22*.154542. *Echigo-mizu Mochi*.154543. *Taicho Mochi*.154544. *Shichimencho Mochi*.154545. *Hassen Mochi*.154546. *Kintoki Mochi*.154547. *Kinoshita Mochi*.154548. *Yokozuchi Mochi*.154549. *Mizoshita Mochi*.154555. *Dango-Mochi*.154556. *Rikku Mochi No. 22*.154557. *Kokko Mochi*.154558. *Tosa Mochi*.

154559 to 154707. Japanese varieties improved in Formosa.

154559. *Kagi-ban No. 2*.154560. *Taino No. 16*.154561. *Taino No. 28*.154562. *Taino No. 29*.154563. *Taino No. 33*.154564. *Taino No. 34*.154565. *Taino No. 37*.154566. *Taino No. 38*.154567. *Taino No. 40*.154568. *Taino No. 41*.154569. *Taino No. 42*.154570. *Taino No. 45*.154571. *Taino No. 46*.154572. *Taino No. 47*.154573. *Taino No. 48*.154574. *Taino No. 49*.154575. *Taino No. 50*.154576. *Taino No. 51*.154577. *Taino No. 52*.154578. *Taino No. 53*.154579. *Taino No. 55*.154580. *No-iku No. 865*.154581. *No-iku No. 1110*.154582. *No-iku No. 1136*.154583. *No-iku No. 1310*.154584. *No-iku No. 1322*.154585. *No-iku No. 1336*.154586. *No-iku No. 1342*.154587. *No-iku No. 1376*.154588. *No-iku No. 1383*.154589. *No-iku No. 1385*.154590. *No-iku No. 1400*.154591. *No-iku No. 1490*.154592. *No-iku No. 1502*.154593. *No-iku No. 1511*.154594. *No-iku No. 1517*.154595. *No-iku No. 1518*.154596. *No-iku No. 1524*.154597. *No-iku No. 1537*.154598. *No-iku No. 1538*.154599. *No-iku No. 1539*.154600. *No-iku No. 1544*.154601. *No-iku No. 1570*.154602. *No-iku No. 1572*.154603. *No-iku No. 1575*.154604. *No-iku No. 1576*.154605. *No-iku No. 1577*.154606. *No-iku No. 1586*.154607. *No-iku No. 1594*.154608. *No-iku No. 1609*.

154430 to 154707—Continued

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| 154609. <i>No-iku No. 1625.</i> | 154651. <i>Taihoku No. 8.</i> |
| 154610. <i>No-iku No. 1651.</i> | 154652. <i>Taihoku No. 9.</i> |
| 154611. <i>No-iku No. 1684.</i> | 154653. <i>Taihoku No. 10.</i> |
| 154612. <i>No-iku No. 1694.</i> | 154654. <i>Taihoku No. 11.</i> |
| 154613. <i>No-iku No. 1699.</i> | 154655. <i>Taihoku No. 12.</i> |
| 154614. <i>No-iku No. 1706.</i> | 154656. <i>Taihoku No. 13.</i> |
| 154615. <i>No-iku No. 1716.</i> | 154657. <i>Taihoku No. 22.</i> |
| 154616. <i>No-iku No. 1764.</i> | 154658. <i>Taihoku No. 127.</i> |
| 154617. <i>No-iku No. 1767.</i> | 154659. <i>Taihoku No. 177.</i> |
| 154618. <i>No-iku No. 1771.</i> | 154660. <i>Shinchiku No. 4.</i> |
| 154619. <i>No-iku No. 1774.</i> | 154661. <i>Shinchiku No. 5.</i> |
| 154620. <i>No-iku No. 1779.</i> | 154662. <i>Shinchiku No. 7.</i> |
| 154621. <i>No-iku No. 1783.</i> | 154663. <i>Shinchiku No. 8.</i> |
| 154622. <i>No-iku No. 1792.</i> | 154664. <i>Taichu No. 114.</i> |
| 154623. <i>No-iku No. 1795.</i> | 154665. <i>Taichu No. 122.</i> |
| 154624. <i>No-iku Mochi No. 3.</i> | 154666. <i>Taichu No. 145.</i> |
| 154625. <i>No-iku Mochi No. 11.</i> | 154667. <i>Taichu No. 150.</i> |
| 154626. <i>No-iku Mochi No. 13.</i> | 154668. <i>Taichu No. 151.</i> |
| 154627. <i>No-iku Mochi No. 20.</i> | 154669. <i>Taichu No. 152.</i> |
| 154628. <i>No-iku Mochi No. 24.</i> | 154670. <i>Taichu No. 153.</i> |
| 154629. <i>No-iku Mochi No. 25.</i> | 154671. <i>Taichu No. 154.</i> |
| 154630. <i>No-iku Mochi No. 30.</i> | 154672. <i>Taichu No. 155.</i> |
| 154631. <i>No-iku Mochi No. 34.</i> | 154673. <i>Taichu No. 156.</i> |
| 154632. <i>No-iku Mochi No. 35.</i> | 154674. <i>Taichu No. 157.</i> |
| 154633. <i>No-iku Mochi No. 51.</i> | 154675. <i>Taichu No. 159.</i> |
| 154634. <i>No-iku Mochi No. 54.</i> | 154676. <i>Taichu No. 160.</i> |
| 154635. <i>No-iku Mochi No. 57.</i> | 154677. <i>Taichu No. 161.</i> |
| 154636. <i>No-iku Mochi No. 59.</i> | 154678. <i>Taichu No. 162.</i> |
| 154637. <i>No-iku Mochi No. 64.</i> | 154679. <i>Kanan No. 2.</i> |
| 154638. <i>No-iku Mochi No. 66.</i> | 154680. <i>Kanan No. 3.</i> |
| 154639. <i>No-iku Mochi No. 68.</i> | 154681. <i>Kanan No. 4.</i> |
| 154640. <i>No-iku Mochi No. 75.</i> | 154682. <i>Kanan No. 6.</i> |
| 154641. <i>No-iku Mochi No. 83.</i> | 154683. <i>Kanan No. 8.</i> |
| 154642. <i>No-iku Mochi No. 87.</i> | 154684. <i>Kanan No. 9.</i> |
| 154643. <i>No-iku Mochi No. 110.</i> | 154685. <i>Kanan No. 10.</i> |
| 154644. <i>No-iku Mochi No. 116.</i> | 154686. <i>Kanan No. 11.</i> |
| 154645. <i>No-iku Mochi No. 146.</i> | 154687. <i>Kanan No. 12.</i> |
| 154646. <i>No-iku Mochi No. 169.</i> | 154688. <i>Kanan No. 13.</i> |
| 154647. <i>No-iku Mochi No. 174.</i> | 154689. <i>Kanan No. 14.</i> |
| 154648. <i>No-iku Mochi No. 179.</i> | 154690. <i>Kanan No. 15.</i> |
| 154649. <i>No-iku Mochi No. 201.</i> | 154691. <i>Kanan No. 20.</i> |
| 154650. <i>Taihoku No. 7.</i> | 154692. <i>Nan-iku No. 484.</i> |

154430 to 154707—Continued

154693. *Nan-iku* No. 485.154701. *Takao* No. 16.154694. *Nan-iku* No. 500.154702. *Takao* No. 18.154695. *Ka-no-iku* No. 2724.154703. *Karenko* No. 5.154696. *Ka-no-iku* No. 2733.154704. *Karenko* No. 12.154697. *Ka-no-iku* No. 2574.154705. *Taichu* No. 65.154698. *Takao* No. 10.154706. *Taichu Mochi* No. 46.154699. *Takao* No. 12.154707. *Takao* No. 11.154708. *Takao* No. 13.154708 to 154711. *ORYZA SATIVA* L. Poaceae. Rice.

From Brazil. Seeds presented by the Seccão do Fomento Agrícola, Maranhão.
Received May 13, 1946.

154708. No. 3. *Come-Cru Branco*.154710. No. 1. *Douradão*.154709. No. 4. *Come-Cru Peludo*.154711. No. 2. *Maranhão*.154712. *GLYCINE MAX* (L.) Merrill. Fabaceae. Soybean.

From Kansas. Seeds presented by J. M. Andres, Manhattan. Received May 16,
1946.

No. 19. *Linea 2186*. Probably from Argentina.154713. *PISONIA ZAPALLO* Griseb. Nyctaginaceae.

From Argentina. Seeds presented by Dr. Juan A. Dominguez, Instituto Nacional
de Botanica "Julio A. Roca," Buenos Aires. Received May 14, 1946.

154714 and 154715.

From Tasmania. Seeds presented by A. L. Goodwin, Mangalore. Received
May 6, 1946.

154714. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

Milford Lucerne.154715. *DACTYLIS GLOMERATA* L. Poaceae.

Orchard grass.

Milford Cocksfoot.

154716 to 154721.

From Costa Rica. Seeds obtained by Theodore J. Grant, Agricultural Attaché,
American Embassy, San José. Received May 8, 1946.

154716. *RAPHIA* sp. Phoenicaceae.

Palm.

Silico. Originally collected by Theodore J. Grant in southeastern Nicaragua.154717 to 154721. *RUBUS* spp. Rosaceae.

Collected by Claude Hope.

154717. *RUBUS* sp.

Southeastern slopes of Poas Volcano, near Los Cartagos.

154718. *RUBUS* sp.

Slopes of Turrialba Volcano.

154719 to 154721. Southeastern slopes of Poas Volcano, near Los Cartagos.

April 15, 1949.

154719. *RUBUS* sp.154720. *RUBUS* sp.154721. *RUBUS* sp.

154722. OLEA sp. Oleaceae.

From Tunisia. Cuttings presented by the Service Botanique, Ariana. Received May 14, 1946.

El Guim. (El-Hor, Ousluti.)

154723. CAESALPINIA SPINOSA. (Mol.) Kuntze. Caesalpiniaceae. Tara.

From South America. Seeds presented by an unknown donor. Received May 17, 1946.

154724. VITIS sp. Vitaceae.

From Brazil. Cuttings presented by F. Febeliano da Costa Filho, Instituto Agronómico, Campinas, São Paulo. Received May 20, 1946.

Uva Baia. A Brazilian species that bears bluish-black fleshy fruits, about the size of a walnut, with small seeds. The bunches of fruit are sometimes 2 feet in length. The vine becomes 15 to 20 feet long.

154725 and 154726. ANNONA CHERIMOLA Mill. Annonaceae.

Cherimoya.

From Peru. Seeds presented by Edwin Anderson, Lima. Received May 15, 1946.

154725. A rough-skinned variety from the Huacho Valley.

154726. A smooth-skinned variety from the Huacho Valley.

154727 to 154732.

From Kenya and Uganda. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 15, 1946.

154727 to 154729. SACCHARUM SPONTANEUM L. Poaceae.

154727. No. 515. *Burunguru.* Ramurikize River, Kenya.

154728. No. 525. *Rungorungo.* West of Ramurikize River, Kenya.

154729. No. 526. Near Kagade, Uganda.

154730 to 154732. ERIANTHUS FLAVESCENS K. Schum. Poaceae.

Received as *Miscanthidium flavescens.*

154730. No. 486. Uganda.

154731. No. 529. Near Kyanjojo, Toro District, Kenya.

154732. No. 700. Near Kapsabet, Kenya.

154733 to 154875.

From Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 15, 1946.

Unless otherwise noted, collections were made in Uganda in January and February of 1946.

154733 to 154744. SORGHUM spp. Poaceae.**154733 to 154735. SORGHUM RIGIDIFOLIUM Stapf.**

154733. No. 466. Near Turbo, Kenya.

154734. No. 467. From 40 miles west of Eldoret, Kenya.

154735. No. 468. Masaka District

154736 to 154739. SORGHUM VULGARE Pers.

Head selections of Kavirondo sorghum grown at Kawanda.

154736. No. 469-A. **154738.** No. 469-C.

154737. No. 469-B. **154739.** No. 469-D.

154733 to 154875 —Continued

154740 to 154743. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

Head selections grown at Kawanda; from Mengo, Mengo District.

154740. No. 470-A.

154742. No. 470-C.

154741. No. 470-B.

154743. No. 470-D. Mixture.

154744. *SORGHUM*.

No. 471. *Sorghum verticilliflorum* × *Sorghum*. Kawanda, Mengo District.

154745. *CLEISTACHNE SORGHOIDES* Benth. Poaceae.

No. 472. Kireku, Mengo District.

154746 to 154788. *SORGHUM* spp. Poaceae.

154746. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

No. 473. Kaliro, Busoga District.

154747 to 154767. *SORGHUM VULGARE* Pers.

154747 to 154749. From Kawanda, Mengo District.

154747. No. 474. *Namatera*.

154748. No. 475. *Kayini*.

154749. No. 476. *Namata White*.

154750. No. 477. *Serere*.

154751. No. 478. *Serere*.

154752. No. 479. *Njabala*. Near Namataba, Mengo District.

154753. No. 480. *Arua*, West Nile District.

154754. No. 481. *Kainja*. Near Nakifuma, Mengo District.

154755. No. 482. *Mboge*. Near Kireku, Mengo District.

154756. No. 483. *Nabutwa*. Eastern Province.

154757. No. 484. *Imwa*. Near Nakifuma, Mengo District.

154758 to 154765. Near Kampala, Mengo District.

154758. No. 485. *Katwa*.

154759. No. 487. *Ndyabala*.

154760. No. 488. *Nakayura*.

154761. No. 489. *Muwebu Mughanda*.

154762. No. 490. *Kakira Kambogo*.

154763. No. 491. *Kabutuwa*.

154764. No. 492. *Nakobo Butua*.

154765. No. 493. *Namentera*.

154766. No. 494. Fort Portal, Toro District.

154767. No. 495. *Muganda 1 and 2*. Kampala, Mengo District.

154768. *SORGHUM RIGIDIFOLIUM* Stapf.

No. 496. Near Masaka, Masaka District.

154769 and 154770. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

154769. No. 497. Near Kabula, Masaka District.

154770. No. 498. Near Kabula, Masaka District.

154771 to 154788. *SORGHUM VULGARE* Pers.

154771. No. 499. *Kabuoy*. Collected 16 miles from Masaka, Masaka District.

154733 to 154875—Continued

154772. No. 449-A. (No notes.)
154773. No. 500. *Kikondo*. Near Kareru, but originally from Congo.
- 154774 to 154777. Near Mbarara, Ankole District.
154774. No. 501. *Mayongo*.
154775. No. 501-A. *Mayongo*.
154776. No. 502. *Esaka*.
154777. No. 503. *Kazazamire*.
154778. No. 504. Near Namahera, Ankole District.
- 154779 to 154784. Near Kabale, Kigezi District.
154779. No. 505. *Amagune*. 154782. No. 508. *Mabera*.
154780. No. 506. *Buhuli*. 154783. No. 509. *Kyatanombi*.
154781. No. 507. *Rwakayanga*. 154784. No. 510. *Ruhaga*.
154785. No. 511. Near Mwirasandu, Ankole District.
154786. No. 512. *Hidamira*. Near Lubale, Kigezi District.
154787. No. 513. Near Ibale, Kigezi District.
154788. No. 514. Near Lutoto, Kigezi District.
154789. *ERIANTHUS FLAVESCENS* K. Schum. Poaceae.
- No. 516. Near Lwasamaire, Ankole District.
- 154790 to 154797. *SORGHUM VULGARE* Pers. Poaceae.
154790. No. 517. *Nkumba*. Near Katara, Ankole District.
154791. No. 518. *Ruhuku*. Near Katara, Ankole District.
- 154792 to 154797. Near Fort Portal, Toro District.
154792. No. 519. *Mpwere*. 154795. No. 521. *Nkumbi*.
154793. No. 519 A. *Mpwere*. 154796. No. 522. *Nkumba*.
154794. No. 520. *Kabwaga*. 154797. No. 523. *Mugusa White*.
154798. *SORGHUM*.
- No. 524. From market near Fort Portal, Toro District. A hybrid of *Sorghum verticilliflorum* (Steud.) Stapf.
- 154799 to 154837. *SORGHUM VULGARE* Pers.
- 154799 and 154800. Near Fort Portal, Toro District.
154799. No. 527. *Mugusta*.
154800. No. 528. *Wenabu*.
- 154801 to 154805. Near Kyanjojo, Toro District.
154801. No. 530. *Kamama*.
154802. No. 531. *Katuwenge*. Much stooling.
154803. No. 532. *Nziga*. Much stooling, shorter than No. 531.
154804. No. 533. *Nkumba*.
154805. No. 534. *Namatera*.
154806. No. 535. *Katuwenge*. Near Kagade, Mubende District.
- 154807 to 154809. Near Kabwoya, Bunyoro District.
154807. No. 536. *Mpengere*.
154808. No. 537. *Kajuwege*.

154733 to 154875—Continued

154809. No. 538. *Emara*.
154810. No. 539. *Bagundiya*. Near Bulindi, Bunyoro District.
- 154811 to 154814. Near Masindi, Munyoro District.
154811. No. 540. *Ruwagani*. 154813. No. 542. *Kakira Kambogo*.
154812. No. 541. *Maza*. 154814. No. 543. *Nkumba*.
- 154815 to 154820. Near Atura, Lango District.
154815. No. 544. *Bel*. 154818. No. 545. *Ninyng*.
154816. No. 544 A. *Bel*. 154819. No. 546. *Gaya*.
154817. No. 544 B. *Bel*. 154820. No. 546 A. *Gaya*.
154821. No. 547. Said to be from the Congo.
154822. No. 548. Said to be from the Congo.
- 154823 to 154826. Near Gulu, Gulu District.
154823. No. 549. *Lalube*. 154825. No. 650. *Lasekado*.
154824. No. 649. *Lawera*. 154826. No. 651. *Kabil*.
154827. No. 652. *Kabil*. From near Acholibur, Chua District.
154828. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
No. 653. From 10 miles south of Kazinga Channel, Ankole District.
154829. *SORGHUM*.
No. 654. From 10 miles south of Kazinga Channel, Ankole District.
154830. *CLEISTACHNE SORGHOIDES* Benth. Poaceae.
No. 655. From 10 miles south of Kazinga Channel, Ankole District.
- 154831 and 154832. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
154831. No. 656. Near Hoima, Bunyoro District.
154832. No. 657. Near Hoima, Bunyoro District.
- 154833 to 154838. *SORGHUM*.
154833. No. 658. Near Masindi, Munyoro District.
154834. No. 659. Near Masindi, Munyoro District.
154835. No. 660. Near Gulu, Gulu District.
154836. No. 661. Near Gulu, Gulu District.
154837. No. 662. *Otiriwini*. Near Kitgum, Chua District.
154838. No. 663. *Otiriwini*. Near Kitgum, Chua District. Larger seeds than those of No. 662.
154839. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
No. 664. North of Lira, Lango District.
154840. *SORGHUM*.
No. 665. Market at Kitgum, Chua District. Probably *Sorghum vulgare* × *verticilliflorum*.
- 154841 to 154864. *SORGHUM VULGARE* Pers.
154841. No. 666. *Kibiwe*. From the market at Kitgum, Chua District.
154842. No. 667. Mixture found with No. 666.
154843. No. 668. *Kabiri*. From near Madi Opei, Chua District.
154844. No. 669. *Lwera*. From Agoro, Chua District.
154845. No. 670. *Gaya*. From Agoro, Chua District.

154733 to 154875—Continued

154846. No. 671. *Kabiri*. Paluga Market, Chua District.
- 154847 to 154851. From 19 miles north of Lira, Lango District.
154847. No. 672. *Awera*. 154850. No. 675. *Bewi*.
154848. No. 673. *Mambaleo*. 154851. No. 676. *Amira*.
154849. No. 674. *Aibgo*.
154852. No. 677. *Awera*. From near Bar, Lango District.
154853. No. 678. *Nyarawanga*. From near Bar, Lango District.
154854. No. 679. From between Lira and Orungo, Lango District.
154855. No. 680. *Sango*. From between Lira and Orungo, Lango District.
154856. No. 681. *Kamabesemu*. Near Tororo, Budama District. Tall, much stooling.
154857. No. 682. *Imwa*. Near Tororo, Budama District.
- 154858 to 154863. From Kenya, east of Budia, Uganda.
154858. No. 683. *Okumba*. 154861. No. 686. *Namafumu*.
154859. No. 684. *Obunde*. 154862. No. 687. *Nakaroli*.
154860. No. 685. *Osisiye*. 154863. No. 688. *Amabere*.
154864. No. 689. Loro. From near Mumias, Kenya.
154865. *SORGHUM RIGIDIFOLIUM* Stapf.
No. 690. From near Toro, Budama District.
154866. *SORGHUM VULGARE* Pers.
No. 691. Near Mumias, Kenya.
154867. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
No. 692. Near Sundo, Kenya.
- 154868 to 154875. *SORGHUM VULGARE* Pers.
154868. No. 693. *Miamba*. Market at Sundo, Kenya.
154869. No. 694. *Nakagede*. Near Sundo, Kenya.
154870. No. 694 A. (No notes.)
154871. No. 695. *Ngomba*. Kisumu, Kenya.
- 154872 to 154875. Collected 11 miles from Kisumu, Kenya.
154872. No. 696. *Kisubi*. 154874. No. 698. *Kisudi*.
154873. No. 697. *Ngumba*. 154875. No. 699. *Riwonyuwa*.
- 154876 to 154878. *CHLORIS GAYANA* Kunth. Poaceae. **Rhodes grass**.
From Kenya. Seeds presented by D. C. Edwards, Senior Agricultural Officer, Department of Agriculture, Nairobi. Received May 13, 1946.
154876. *Alego Ecotype*.
154877. *Kabete Ecotype*.
154878. *Nzoia Ecotype*.
- 154879 to 154883.
From Uruguay. Seeds presented by Bernardo Rosengurtt, Monzon-Heber, Estación Juan Jackson. Received May 7, 1946.
- 154879 and 154880. *PASPALUM NOTATUM* Fluegge. Poaceae. **Bahia grass**.
154879. Bañado Medina, Cerro Largo.
154880. Naturalized at Monzon-Heber.

154879 to 154883—Continued**154881.** *POA BONARIENSIS* (Lam.) Kunth. Poaceae.

A mixture of several wild Uruguayan varieties.

154882. *POA IRIDIFOLIA* Haumanl.

A stout perennial grass that forms dense tufts 2 feet across and 3 feet high. Native to the Sierra de la Ventana, Argentina.

154883. *POA LANIGERA* Nees. Poaceae.

A mixture of several wild Uruguayan varieties.

154884 to 154887.

From India. Seeds presented by Mrs. P. Kihli, Baramula, Kashmir. Received May 13, 1946.

154884. *POLYGONUM AFFINE* D. Don. Polygonaceae.**154885.** *POTENTILLA ARGYROPHYLLA* Wall. Rosaceae.**154886.** *POTENTILLA NEPALENSIS* Hook.**154887.** *POTENTILLA NIVEA* L.**154888 to 154892.**

From Argentina. Seeds presented by Lucas A. Tortorelli, Director of Forestry, Buenos Aires. Received May 15, 1946.

154888. *CAESALPINIA MELANOCARPA* Griseb. Caesalpinaceae.

From the Chaco Region.

154889. *CEDEIRA FISSILIS* var. *MACROCARPA* C. DC. Meliaceae.

From the Territory of Misiones.

154890. *PROSOPIS ALBA* Griseb. Mimosaceae.

From the Province of Santiago del Estero.

154891. *PROSOPIS NIGRA* Hieron.

From the Province of Santiago del Estero.

154892. *PROSOPIS* sp.

From the Province of Entre Rios.

154893. *OCHROMA LAGOPUS* Swartz. Bombacaceae. **Balsa.**

From the Canal Zone. Seeds presented by W. R. Lindsay, Canal Zone Experimental Gardens, Summit. Received May 13, 1946.

154894. *BRUNFELSIA NITIDA* Benth. Solanaceae.

From Mexico. Seeds presented by Norberto Grohmann, Finca Mirador, Huatusco, Veracruz. Received May 23, 1946.

154895 to 154998. *SORGHUM VULGARE* Pers. Poaceae.

From Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 3, 1946.

Collected in January and February, 1946.

154895 to 154977. From Uganda.**154895.** No. 474A. *Namatera*. Kawanda, Mengo District.**154896.** No. 475A. *Kayini*. Kawanda, Mengo District.**154897.** No. 494A. Fort Portal, Toro District.**154898.** No. 495A. Near Kampala, Mengo District.**154899 to 154977.** Presented by the Serere Agricultural Experiment Station, Uganda.

154895 to 154998—Continued

154899 to 154910. Matheniko, Karamoja District.

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| 154899. No. 550. <i>J1 Kari.</i> | 154905. No. 556. <i>J8 Ilemureng.</i> |
| 154900. No. 551. <i>J3 Natam.</i> | 154906. No. 557. <i>J9 Napetanyang.</i> |
| 154901. No. 552. <i>J4 Ikabulu.</i> | 154907. No. 558. <i>J11 Nakoda.</i> |
| 154902. No. 553. <i>J5 Lokipi.</i> | 154908. No. 559. <i>J12 Tanyabong.</i> |
| 154903. No. 554. <i>J6 Lokur.</i> | 154909. No. 560. <i>J13 Lokoulelemit.</i> |
| 154904. No. 555. <i>J7 Lokathirimu.</i> | 154910. No. 561. <i>J14 Kothepai.</i> |

154911 to 154919. Pian, Karamoja District.

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| 154911. No. 562. <i>J15 Lokathapanak.</i> | 154916. No. 567. <i>J28 Adeti.</i> |
| 154912. No. 563. <i>J16 Lwakwangai.</i> | 154917. No. 568. <i>J29 Nateriguni.</i> |
| 154913. No. 564. <i>J22 Ilimukwang.</i> | 154918. No. 569. <i>J20 Chale.</i> |
| 154914. No. 565. <i>J23 Akording.</i> | 154919. No. 570. <i>J31 Lopukulungoi.</i> |
| 154915. No. 566. <i>J27 Opogu.</i> | |

154920 to 154922. Jie, Karamoja District.

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| 154920. No. 571. <i>J32 Ategeri.</i> |
| 154921. No. 572. <i>J35 Ngalekori.</i> |
| 154922. No. 573. <i>J38 Labinyo.</i> |

154923 to 154929. Bokoro, Karamoja District.

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| 154923. No. 574. <i>J49 Loyakou.</i> | 154927. No. 578. <i>J54 Euyanga.</i> |
| 154924. No. 575. <i>J51 Arikoto.</i> | 154928. No. 579. <i>J55 Emugeot.</i> |
| 154925. No. 576. <i>J52 Esipo.</i> | 154929. No. 580. <i>J56 Akouangok.</i> |
| 154926. No. 577. <i>J53 Napetoget.</i> | |

154930 to 154934. Moroto, Karamoja District.

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| 154930. No. 581. <i>J57 Lokur.</i> | 154933. No. 584. <i>J60 Akathit.</i> |
| 154931. No. 582. <i>J58 Elinmkwang</i> | 154934. No. 585. <i>J62 Echalio.</i> |
| 154932. No. 583. <i>J59 Edapal.</i> | |

154935. No. 586. *J65 Chemrio.* Suk, Karamoja District.154936. No. 587. *J66 Auvareng.* Suk, Karamoja District.

154937 to 154947. Lango District.

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| 154937. No. 588. <i>L1 Oryemo-Aterah, Pur-toti.</i> | 154943. No. 594. <i>L28 Lawere.</i> |
| 154938. No. 589. <i>L10 Amira Aboco.</i> | 154944. No. 595. <i>L31 Emiroit.</i> |
| 154939. No. 590. <i>L17 Olwa.</i> | 154945. No. 596. <i>L33 Enyang.</i> |
| 154940. No. 591. <i>L19 Arut.</i> | 154946. No. 597. <i>L36 Edede.</i> |
| 154941. No. 592. <i>L20 Niang.</i> | 154947. No. 598. <i>L39 Eliyokokan.</i> |
| 154942. No. 593. <i>L26 Lagreng.</i> | |

154948 to 154957. Usuku Sasa, Teso District.

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| 154948. No. 599. <i>T1 Egaata.</i> | 154951. No. 602. <i>T11 Ekonokamu.</i> |
| 154949. No. 600. <i>T8 Etiri.</i> | |
| 154950. No. 601. <i>T9 Aurién.</i> | 154952. No. 603. <i>T15 Kiyirima.</i> |

154895 to 154998—Continued

154953. No. 604. *T16 Elemurenge.* 154956. No. 607. *T22 Elkomio.*

154954. No. 605. *T18 Ekwakoit.* 154957. No. 608. *T27 Aurien,*

154955. No. 606. *T21 Ekutukoiti.* *Euriyeni.*

154958. No. 609. *T29 Okinet.* Bryondo, Teso District.

154959 to 154961. Bunyoro District.

154959. No. 610. *M1 Niang-ocwine.*

154960. No. 611. *M3 Bluko-mon.*

154961. No. 612. *M4 Nyarawanga.*

154962. No. 613. *V3 Nakyeru.* Bugwere District.

154963. No. 614. *D1 Omubere.* Budama District.

154964. No. 615. *D3 Namukidi.* Budama District.

154965. No. 616. *H4 Nabuyenge.* Bugishu District.

154966. No. 617. *H5 Gemugu.* Bugishu District.

154967 to 154973. Busogo District.

154967. No. 618. *A1 Kamuli.*

154968. No. 619. *A2 Bulopa.*

154969. No. 620. *A3 Nkumba.* Basambatia.

154970. No. 621. *A4 Nkotamyé.* Naigobya.

154971. No. 622. *A5 Nakanyolo.* Naigobya.

154972. No. 623. *A6 Sagasaga.* Naigobya.

154973. No. 624. *A7 Wesansumule.* Busambatia.

154974. No. 625. *Kabi.*

154975. No. 626. *Kwanda.*

154976. No. 627. *Ongera 1.*

154977. No. 628. *Ongera 2.*

154978 to 154981. Originally from Kenya. Presented by the Serere Agricultural Experimental Station, Uganda.

154978. No. 629. *K6.*

154980. No. 631. *Wheatland.*

154979. No. 630. *K8.*

154981. No. 632. *Sakawa.*

154982 to 154986. Originally from Tanganyika. Presented by the Serere Agricultural Experiment Station, Uganda.

154982. No. 633. *G3 Nyawawa.*

154985. No. 636. *T15.*

154983. No. 634. *G4, No. 92.*

154986. No. 637. *T7.*

154984. No. 635. *G7.*

154987 to 154991. Originally from Swaziland. Presented by the Serere Agricultural Experiment Station, Uganda.

154987. No. 638. *S. A. 1.*

154990. No. 641. *P 127 (S. A. 5.)*

154988. No. 639. *S. A. 2.*

154991. No. 642. *P 133 (S. A. 6.)*

154989. No. 640. *P 41.*

154992 and 154993. Probably originating in the United States.

154992. No. 643. *Dwarf White Milo.*

154993. No. 644. *Feterita Dwarf.*

154994. No. 645. *N1.* Nigeria.

154895 to 154998—Continued

154995 to 154997. Originally received from the United States under the names listed.

154995. No. 646. *E4. Leoti Red.*

154996. No. 647. *E5. Early Sumac.*

154997. No. 648. *E6. Kansas Orange.*

154998. No. 693A. *Miamba.* From the market, Sundo, Kenya. February 6.

154999. CALOPOGONIUM MUCUNOIDES Desv. Fabaceae.

From the Philippine Islands. Seeds presented by Glenn Briggs, Agricultural Research Administration, United States Department of Agriculture. Received May 21, 1946.

155000. SESBANIA BISPINOSA (Jacq.) W. F. Wight. Fabaceae.

From India. Seeds presented by Mahan Lal, Forest Officer, Watni District, Punjab. Received May 6, 1946.

155001 to 155044.

From Brazil. Seeds presented by J. R. Swallen, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 4, 1946.

155001. ANDROPOGON TENER Kunth. Poaceae.

No. 29. *Mimosa.* The most important forage grass in Paraná.

155002. AXONOPUS sp. Poaceae.

No. 26. From Guarapuava, Paraná.

155003. PASPALUM NICORAE Parodi. Poaceae.

No. 3. From Lages, Santa Catarina.

155004. BRIZA UNIOLAE (Nees) Steud. Poaceae.

No. 7. From Lages, Santa Catarina.

155005. BRIZA sp.

No. 8. From Rio Cacador, Santa Catarina.

155006 and 155007. BROMUS spp. Poaceae.

155006. BROMUS sp.

No. 5. From Lages, Santa Catarina.

155007. BROMUS sp.

No. 9. From Rio Cacador, Santa Catarina.

155008. ELEUSINE TRISTACHYA Lam. Poaceae.

No. 36. From Bagé, Rio Grande do Sul.

155009 and 155010. CHLORIS ARGENTINA (Hack.) Lillo & Parodi. Poaceae.

155009. No. 32. From Bagé, Rio Grande do Sul.

155010. No. 34. From Bagé, Rio Grande do Sul.

155011. CHLORIS sp.

No. 35. From Bagé, Rio Grande do Sul.

155012. ERAGROSTIS POLYTRICHA Nees. Poaceae.

No. 14. From Ponta Grossa, Paraná.

155013. ERAGROSTIS sp.

No. 18. From Ponta Grossa, Paraná.

155014. ERAGROSTIS POLYTRICHA Nees.

No. 19. From Ponta Grossa, Paraná.

155001 to 155044—Continued

155015. *PANICUM OLYROIDES* H. B. K. Poaceae.

No. 21. From Ponta Grossa, Paraná.

155016. *PANICUM REPANDUM* Nees.

No. 12. From Ponta Grossa, Paraná.

155017 to 155039. *PASPALUM* spp. Poaceae.155017. *PASPALUM* sp.

No. 1. From Estação Experimental, Passo Fundo, Rio Grande do Sul.

155018. *PASPALUM* sp.

No. 2. From Passo Fundo, Rio Grande do Sul.

155019. *PASPALUM* sp.

No. 4. From Lages, Santa Catarina.

155020. *PASPALUM HYALINUM* Trin.

No. 10. From Ponta Grossa, Paraná.

155021. *PASPALUM PLICATULUM* Michx.

No. 11. From Ponta Grossa, Paraná.

155022. *PASPALUM PANICULATUM* L.

No. 13. From Ponta Grossa, Paraná.

155023 to 155025. *PASPALUM ROJASII* Hack.

From Ponta Grossa, Paraná.

155023. No. 15.

155024. No. 16.

155025. No. 17.

155026. *PASPALUM PLICATULUM* Michx.

No. 22. From Ponta Grossa, Paraná.

155027. *PASPALUM* sp.

No. 23. From Guarapuava, Paraná.

155028. *PASPALUM* sp.

No. 24. From Guarapuava, Paraná.

155029. *PASPALUM MACULOSUM* Trin.

No. 25. From Guarapuava, Paraná.

155030. *PASPALUM NICORAE* Parodi.

No. 28. From Bage, Rio Grande do Sul.

155031. *PASPALUM QUADRIFARIUM* Lam.

No. 30. From Bage, Rio Grande do Sul.

155032 to 155037. *PASPALUM NOTATUM* Fluegge. Bahia grass.

From Rio Grande do Sul.

155032. No. 33. From Boge.

155033. No. 37. From Boge.

155034. No. 39. From Dom Pedrito.

155035. No. 40. From Pelotas.

155036. No. 44. From Santa Victoria.

155037. No. 45. From Camaquã.

155001 to 155044—Continued**155038.** PASPALUM sp.

No. 38. From São Angelo, Rio Grande do Sul.

155039. PASPALUM sp.

No. 41. Pelotas, Rio Grande do Sul.

155040. PIPTOCHAETIUM MONTEVIDENSE (Spreng.) Parodi. Poaceae.

No. 6. From Lages, Santa Catarina.

155041. SORGHASTRUM SETOSUM (Griseb.) Hitchc. Poaceae.

No. 31. From Porto Alegre, Rio Grande do Sul.

155042. SPOROBOLUS sp. Poaceae.

No. 43. From Pelotas, Rio Grande do Sul.

155043. TRACHYPOGON sp. Poaceae.

No. 20. From Ponta Grossa, Paraná.

155044. TRIODIA BRASILIENSIS (Nees) Lindm. Poaceae.

No. 42. From Pelotas, Rio Grande do Sul.

155045. ANNONA PURPUREA Moc. & Sessé. Annonaceae.

From Guatemala. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered in June 1946.

Originally collected by Dr. David Fairchild (No. 3108) from the market, Esquintla, Sept. 29, 1944. *Soncoya*. Fruits very large, weighing about 3 pounds, globular, brown, with bright-yellow flesh.**155046 and 155047.** ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero, La Estanzuela, Departamento de Colonia. Received June 5, 1946.

155046. *Indio I. E. 45.***155047.** *28-204 L. E. 26.***155048.** SAMANEA SAMAN (Jacq.) Merrill. Mimosaceae.

From Jamaica. Seeds presented by the Department of Commerce and Industries, Kingston. Received June 6, 1946.

155049. PASPALUM NOTATUM Fluegge. Poaceae.**Bahia grass.**

From Uruguay. Seeds presented by Bernardo Rosengurt, Campo Experimental de Pastos, Estación Alejandro Gallinal, Florida. Received May 31, 1946.

From the Department of Minas.

155050 to 155053. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero, La Estanzuela, Departamento de Colonia. Received June 7, 1946.

155050. *Americano Chico L. E. 14.***155052.** *Spanish No. 0844 L. E. No. 29.***155051.** *Small Spanish L. E. 36.***155053.** *Turkestan L. E. 28.***155054 to 155056.** GOSSYPIUM. Malvaceae.**Cotton.**

From Brazil. Seeds presented by F. Febeliano da Costa Filho, Director da Divisão de Experimentação e Pesquisas, Instituto Agronômico, Campinas, São Paulo. Received June 7, 1946.

155054. *Delfos 40/135.***155055.** *Delfos 40/137.***155056.** *I. A. Campinas 38/1709.*

155057. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Australia. Seeds presented by W. L. Waterhouse, University of Sydney, Sydney, New South Wales. Received June 11, 1946.

Ghuka.

155058. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

From Argentina. Seeds presented by Enrique C. Clos, División de Exploraciones e Introducción de Plantas, Ministerio de Agricultura, Buenos Aires. Received May 31, 1946.

From Avia Terai, Territory of Chaco.

155059 to 155073.

From Japan. Seeds presented by S. Kumazawa, Director of the Imperial Horticultural Experiment Station, Ninomiya, Kanagawa. Received June 6, 1946.

155059 to 155064. BRASSICA OLERACEA VAR. CAPITATA L. Brassicaceae. Cabbage.

155059. *Iwate*. Medium-sized flat heads.

155060. *Nakano-wase*. Early, small flat heads.

155061. *Nozaki-gokuwase*. Short growing season.

155062. *Sadaya-bansei*. Large heads produced early when seeded in fall.

155063. *Senshu*. Flat heads with a tinge of red.

155064. *Toyoda-sakigake*. Short growing season.

155065 to 155070. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

155065. *Kasagi-sanjaku*. Summer variety.

155066. *Magome*. Spring variety.

155067. *Ochiai*. Spring variety.

155068. *Risyu*. Summer variety.

155069. *Suyo*. Summer variety.

155070. *Taiwan-kema*. Summer variety.

155071 to 155073. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. Cushaw.

155071. *Bizen-chirimen*. Fruits flat; skin warty, rich green, becoming creamy yellow when mature. Late ripening.

155072. *Higata*. Fruit round, flat, and uniform; skin rich dark green. Flesh of sweetly viscous taste. Early ripening.

155073. *Kiji*. Fruits flat, ribbed; skin slightly warted, green turning to brownish yellow when mature. Early ripening.

155074. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

From Argentina. Seeds presented by Enrique C. Clos, División de Exploraciones e Introducción de Plantas, Ministerio de Agricultura, Buenos Aires. Received June 4, 1946.

Ricino, Tártago Sanguineo.

155075. CARICA MONOICA Desf. Papayaceae.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental de Agricola, Tingo Maria. Received June 6, 1946.

TM 110. Holloco. Grown as a vegetable. The leaves, which are cooked as greens, have no bitterness. The fruits, boiled with sugar and a little lime, resemble apricots in flavor.

155076. CHENOPODIUM QUINOA Willd. Chenopodiaceae. Quinoa.

From Peru. Seeds presented by S. C. Harland, Institute of Cotton Genetics, Lima. Received May 15, 1946.

Collected near Temuco, Chile.

155077. CITROPSIS GILLETIANA Swing. & M. Kell. Rutaceae.

From the Belgian Congo. Seeds presented by the New York Botanical Garden.
Received June 21, 1946.

Collected by L. G. Brass, under his No. 16022, May 17, 1946, on the Vernay Nyasaland Expedition. From the Cadulac Agricultural School for Natives, Kisantu, where Frère Gillet had planted the tree in the Jardin d'Essais de la Mission.

155078 to 155086.

From the Union of South Africa. Seeds presented by C. J. J. van Rensburg, Director, Rietondale Pasture Research Station, Pretoria. Received June 7, 1946.

155078. *DIGITARIA SWAZILANDENSIS* Stent. Poaceae.

No. 4. Originally from the Middle Veld.

155079 and 155080. *PANICUM LAEVIFOLIUM* Hack. Poaceae.

155079. No. 3. *Buffelgras. Olifants River Strain.*

155080. No. 1. *Buffelgras. Rhodesian Strain.*

155081. *PANICUM* sp.

No. 5. *Kavorondo Gulf Strain.* Originally from Lake Victoria, Uganda.

155082. *PANICUM* sp.

No. 7. *Nanyuki Strain.* Originally from edge of the Turkana Desert.

155083 and 155084. *PENNISETUM CILIARE* (L.) Link. Poaceae.

155083. No. 6. Originally from edge of the Kalahari Desert.

155084. No. 8. *Equator Strain.* Originally from British East Africa.

155085. *SETARIA* sp. Poaceae.

No. 9. *Kazangula.* Originally from the junction of the Chobi and Zambezi Rivers

155086. *UROCHLOA PULLULANS* Stapf. Poaceae.

No. 2. *Pululands. Rust-der-Winter Strain.*

155087 to 155102. HORDEUM spp. Poaceae.**Barley.**

From Japan. Seeds presented by Maj. Warren H. Leonard, United States Army
Received June 12, 1946.

Collected from the Aizu Branch Station, Fukushima Prefectural Experiment Station, Bange Village, Fukushima Prefecture.

155087. *HORDEUM* sp.

No. 1.

155088. *HORDEUM* sp.

Aizu No. 2.

155089. *HORDEUM* sp.

Aizu No. 3.

155090. *HORDEUM* sp.

Aizu No. 4.

155091. *HORDEUM* sp.

Aizu No. 5.

155092. *HORDEUM* sp.

No. 7.

155093. *HORDEUM* sp.

155087 to 155102—Continued

Saitama No. 1.

155094. HORDEUM sp.

Sekitori No. 1.

155095. HORDEUM sp.

Kabinkatagi No. 1.

155096. HORDEUM sp.

Tanikase No. 2.

155097. HORDEUM sp.

Aizu No. 6.

155098. HORDEUM sp.

Baitori No. 10.

155099. HORDEUM sp.

Akesinriki.

155100. HORDEUM sp.

Sromuzi.

155101. HORDEUM sp.

Wase-hadaka.

155102. HORDEUM sp.

Yokzuna.

155103 and 155104. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, La Estanzuela, Departamento de Colonia. Received June 11, 1946.

155103. Collected in Colonia.

155104. From Pasto Horqueta.

155105. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

From Uruguay. Seeds presented by Bernardo Rosengurtt, Campo Experimental de Pastos, Estancia Rincón de Santa Elena, Estación Alejandro Gallinal. Received June 6, 1946.

From Rio Santa Lucia.

155106. GOSSYPIUM. Malvaceae.

Cotton.

From Greece. Seeds presented by Mathon Kyritsis, Waukeegan, Ill. Received June 26, 1946.

From the Island of Milos.

155107 and 155108. ARACHIS HYPOGAEA L. Fabaceae.

Common peanut.

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, La Estanzuela, Departamento de Colonia. Received June 26, 1946.

155107. *L. E. 39. Aceitero Federación.*155108. *L. E. 41. Colorado; Tacuarembó.*

155109. PISUM SATIVUM L. Fabaceae.

Pea.

From Rhode Island. Seeds presented by A. H. Easton, Newport. Received June 26, 1946.

Parent seeds said to have come from King Tutankhamen's Tomb, Egypt. Pods purplish, seeds rust colored to reddish brown, four to six in a pod.

155110 to 155113. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

From Uruguay. Seeds presented by the Facultad de Agronomía, Catedra de Agricultura, Montevideo. Received June 27, 1946.

155110. *Africano Rastrero.*

155112. *Asiatico-Colorado Comestible.*

155111. *Blanca Chica Aceite.*

155113. *Asiatico-Morado Grande.*

155114. *GOSSYPIUM*. Malvaceae.

Cotton.

From Peru. Seeds presented by S. C. Harland, Director, Sociedad Nacional Agraria, Instituto de Genética del Algodón, Lima. Received June 27, 1946.

Tanguis.

155115 to 155117. *SACCHARUM SPONTANEUM* L. Poaceae.

From Tanganyika. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received June 28, 1946.

Collected in Tukuyu.

155115. No. 1407.

155116. No. 1408.

155117. No. 1419.

155118. *SOLANUM QUITOENSE* Lam. Solanaceae.

Naranjilla.

From Ecuador. Seeds presented by Eilif Miller, Estación Experimental Agrícola del Ecuador, Quito. Received June 11, 1946.

155119 to 155125. *TRITICUM DURUM* Desf. Poaceae. **Durum wheat.**

From the Soviet Union. Seeds presented by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received July 9, 1946.

155119. *Caesium 0111 No. 22233.* From Omsk Station.

155120. *Ersp. 0341 No. 11370.* From Saratov Station.

155121. *Hordup 0189 No. 21966.* From Krasnokutsk Station, Saratov.

155122. *Lutescens 062 No. 22389.* From Saratov Station.

155123. *Lutescens 0459 No. 281129.* From Omsk Station.

155124. *Melanopus 069 No. 21965.* Krasnokutsk Station, Saratov.

155125. *Milturum 0321 No. 22236.* From Omsk Station.

155126 to 155150. *SORGHUM* spp. Poaceae.

From Northern Rhodesia and Arabia. Seeds presented by the Royal Botanic Gardens, Kew, Surrey, England. Received July 9, 1946.

Unless otherwise mentioned, material was obtained from Northern Rhodesia.

155126 to 155128. *SORGHUM CAUDATUM* (Hack.) Stapf.

155126. *Ghirba.* Lower Yafa, Aden Protectorate, Arabia.

155127. *Seif.* Lower Yafa, Aden Protectorate, Arabia.

155128. *Soum.* Dhala, Aden Protectorate, Arabia.

155129 to 155134. *SORGHUM CORIACEUM* Snowden.

From the Ndola District.

155129. *Chilunda No. 4-15.*

155132. *Intubetube No. 9.*

155130. *Chimfungue No. 10.*

155133. *Kalapila No. 7.*

155131. *Chipapa No. 11.*

155134. *Misenga No. 17.*

155126 to 155150—Continued

155135 to 155138. *SORGHUM CORIACEUM* var. *SUBINVOLUTUM* Snowden.

From the Ndola District.

155135. *Kalipike No. 4.*

155137. *Chipe No. 6.*

155136. *Pande No. 5.*

155138. *Chitwanusunga No. 8.*

155139 to 155141. *SORGHUM CONSPICUUM* var. *PILOSUM* Snowden.

From the Ndola District.

155139. *Chimamba No. 2.*

155140. *Chitawamusunga No. 3.*

155141. *Pande No. 1.*

155142. *SORGHUM MEMBRANACEUM* Chiov.

Haba No. 3. Lower Yafa, Aden Protectorate, Arabia.

155143. *SORGHUM SUBGLABRESCENS* (Steud.) Schweinf. & Aschers.

Somi No. 6. Dhala, Aden Protectorate, Arabia.

155144 to 155149. *SORGHUM VULGARE* Pers.

155144 to 155147. Ndola District.

155144. *Chipe No. 16.*

155146. *Chitongola Caffrorum.*

155145. *Misenga Albofuscum No. 13.*

155147. *Mpakamumo Caffrorum.*

155148. *Misrah Durra.* Dhala, Aden Protectorate, Arabia.

155149. *Dhurra No. 7.* Dhala, Aden Protectorate, Arabia.

155150. *SORGHUM.*

Hybrid Seif. Lower Yafa, Aden Protectorate, Arabia.

155151. *LUPINUS LUTEUS* L. Fabaceae. **European yellow lupine.**

From Germany. Seeds obtained through W. H. Youngman, Food and Agriculture Organization, Berlin. Received May 9, 1946.

155152. *TRICHOSANTHES ANGUINA* L. Cucurbitaceae. **Guadua-bean.**

From Australia. Seeds presented by the Department of Agriculture and Stock, Rockhampton, Queensland. Received Jan. 10, 1946. Numbered in July 1946.

155153. *MISCANTHIDIUM* sp. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 8, 1946.

From 8 miles south of Choma.

155154 and 155155. *HELIANTHUS ANNUUS* L. Asteraceae.

Sunflower.

From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received June 27, 1946.

155154. *C. I. L. P. 808.*

155155. *D. E. I. P. 3374 Girasol.* Collected 8 km. from Mendoza.

155156. *ARACHIS HYPOGAEA* L. Fabaceae.

Common peanut.

From India. Seeds presented by the Oil Seed Specialist, Agricultural Research Institute, Coimbatore. Received July 15, 1946.

Gigantea Patel.

155157. *SACCHARUM.* Poaceae.

Sugarcane.

From Kenya. Cuttings presented by the American Consulate General, Nairobi. Received June 25, 1946.

155158. PASPALUM NOTATUM Fluegge. Poaceae. **Bahia grass.**

From Brazil. Seeds presented by Jorge G. Felizardo, Secretaria da Agricultura, Industria e Comercio, Porto Alegre, Rio Grande do Sul. Received July 1, 1946.

155159. ZOYSIA MATRELLA (L.) Merr. Poaceae. **Manila grass.**

From Puerto Rico. Seeds presented by the Agricultural Experiment Station, Mayaguez. Received July 23, 1946.

155160 to 155205. SORGHUM spp. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 10, 1946.

155160 to 155162. SORGHUM VULGARE Pers.

155160. No. 693. *Miamba, Mamba.* From Sundo.

155161. No. 713. *Mohair.* Near Nairobi.

155162. No. 713-A. *Mohair.* Near Nairobi.

155163. SORGHUM VERTICILLIFLORUM (Steud.) Stapf.

No. 714. Near Nairobi.

155164 to 155166. SORGHUM VULGARE Pers.

155164. No. 715. *Mubiya 1.* Machokos.

155165. No. 716. *Mubiya 2.* Machokos, agricultural field.

155166. No. 717. *Morita.* Near Thika.

155167. SORGHUM VERTICILLIFLORUM (Steud.) Stapf.

No. 718. Near Thika.

155168 to 155205. SORGHUM VULGARE Pers.

155168. No. 719. *Mohia.* Near Thika.

155169 to 155173. Near Sagana.

155169. No. 721. *Goma.*

155172. No. 724. *Kumba.*

155170. No. 722. *Funjo.*

155173. No. 725. *Mueya.*

155171. No. 723. *Orolo, Loro.*

155174 to 155178. Near Meru.

155174. No. 728. *Mukubu.*

155177. No. 731. *Muhia.*

155175. No. 729. *Muheya.*

155178. No. 732. *Mumera.*

155176. No. 730. *Muhia.*

155179 to 155184. Near Chuka.

155179. No. 733. *Muhia.*

155182. No. 736. *Muhia.*

155180. No. 734. *Muhia.*

155183. No. 737. *Muhia.*

155181. No. 735. *Muhia.*

155184. No. 738. *Muhia.*

155185 to 155187. Near Embu (12 miles north).

155185. No. 739. *Njahi.*

155186. No. 740. *Murunga.*

155187. No. 741. *Muheha.*

155188 to 155199. Teita Hills near Voi.

155188. No. 745. *Muemba,*
Mzekwa.

155194. No. 753. *Muemba.*

155189. No. 748. *Mzekwa 2.*

155195. No. 754. *Manganda.*

155190. No. 749. *Mzekwa 3.*

155196. No. 755. *Muzedu.*

155191. No. 750. *Ngombo 1.*

155197. No. 756. *Ngarare, Nzewka.*

155192. No. 751. *Ngombo 2.*

155198. No. 757. *Kittushu Kidula.*

155193. No. 752. *Muemba.*

155199. No. 758. *Manganda.*

155160 to 155205—Continued

155200 to 155204. Near Molu.

155200. No. 766A. *Mubeya*.

155201. No. 766-B. *Mubeya*.

155202. No. 767. *Mukotume*.

155205. No. 772. *Katenyano*. Market near Kitue.

155203. No. 770. *Mukoma*.

155204. No. 771. *Muamba*.

155206 to 155213. PHASEOLUS spp. Fabaceae.

From Paraguay. Seeds presented by Max Putzel, Food Supply Division, Office of Coordinator of American Affairs, Washington, D. C. Received July 16, 1946.

155206. PHASEOLUS LUNATUS L.

Lima bean.

155207 to 155213. PHASEOLUS VULGARIS L.

Common bean.

155207. No. 6.

155211. No. 13.

155208. No. 8.

155212. No. 15.

155209. No. 9.

155213. No. 14.

155210. No. 11.

155214 to 155218. FICUS spp. Moraceae.

From Cuba. Cuttings presented by F. G. Walsingham, Atkins Garden and Research Laboratory, Harvard University, Soledad, Cienfuegos. Received July 18, 1946.

155214. FICUS COMBII Warb.

A tree about 20 feet high, with thick ovate or oblong leaves 5 to 7 inches long, and fruits about ½ inch long.

155215. FICUS LUCIDA Ait.

155216. FICUS MEMBRANACEA Wright.

155217. FICUS POPULOIDES Warb.

A handsome tree, with ovate to roundish leaves 4 to 7 inches long, and small fruits ½ inch in diameter.

155218. FICUS SALICIFOLIA Vahl.

155219 to 155222. ORYZA SATIVA L. Poaceae.

Rice.

From the Belgian Congo. Seeds presented by F. Jurion, Director General, INEAC, Yangambi. Received July 19, 1946.

155219. *Rz* No. 1.

155221. *Rz* No. 105

155220. *Rz* No. 93.

155222. *Rz* No. 111

155223 to 155241. SORGHUM VULGARE Pers.

From the Anglo-Egyptian Sudan. Seeds presented by the Senior Economic Botanist, Department of Agriculture and Forests, Wad Medani. Received July 11, 1946.

155223. No. 324.

155233. No. 335.

155224. No. 325.

155234. No. 336.

155225. No. 326.

155235. No. 337.

155226. No. 327.

155236. No. 338.

155227. No. 329.

155237. No. 339.

155228. No. 330.

155238. No. 340.

155229. No. 331.

155239. No. 341.

155230. No. 332.

155240. No. 342.

155231. No. 333.

155241. No. 343.

155232. No. 334.

155242. STEPHANIA CEPHALANTHA Hayata. Menispermaceae.

From Japan. Roots presented by Tyozauro Tanaka, Tokyo, through the Taihoku Imperial University, Horticultural Institute, Taiwan. Received July 12, 1946.

Tamasaki-Tsuzurafuji. A climbing shrub.

155243 to 155247. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Paraguay. Seeds presented by the Institute of Inter-American Affairs, Asunción. Received July 12, 1946.

155243. *Colorado*.

155244. Almond-colored.

155245. *Manduví Guaicurú*.

155246. *Negríto; Manduví Jhú-í*.

155247. *Negro Grande; Manduví Jhú-guazu*.

155248 to 155255. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Turkey. Seeds obtained through the Bureau of Customs, United States Treasury Department. Received July 12, 1946.

155248. From Akhisar.

155252. No. 2. From Canik.

155249. No. 1. From Bofra.

155253. From Dere.

155250. No. 2. From Bofra.

155254. From Gavur.

155251. No. 1. From Canik.

155255. From Maden.

155256 to 155281. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Japan. Seeds collected by S. C. Salmon, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 11, 1946.

155256. *Asosan*. From Aso District, Kumamoto. Winter wheat.

155269. *Norin No. 36*.

155257. *Asosan*. Aso District, Kumamoto.

155270. *Norin No. 43*.

155258. *Esimasinriki*.

155271. *Norin No. 50*.

155259. *Norin No. 3*.

155272. *Norin No. 52*.

155260. *Norin No. 4*.

155273. *Norin No. 56*.

155261. *Norin No. 5*.

155274. *Norin No. 60*.

155262. *Norin No. 8*.

155275. *Norin No. 61*.

155263. *Norin No. 9*.

155276. *Norin No. 66*.

155264. *Norin No. 16*.

155277. *Norin No. 67*.

155265. *Norin No. 20*.

155278. *Sadaboza*.

155266. *Norin No. 26*.

155279. *Saitama No. 27*.

155267. *Norin No. 33*.

155280. *Shinchumaga*.

155268. *Norin No. 34*.

155281. *Sintyunanga*.

155282 to 155294. MEDICAGO SATIVA L. Fabaceae.**Alfalfa.**

From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received July 2, 1946.

155282. No. EEM 177. Figueroa, Santiago del Estero.

155283. No. EEM 181. Valle de Calingasta, San Juan.

155284. No. EEM 182. Trelew.

155285. No. EEM 183. Valle de Calchaqui.

155282 to 155294—Continued

- 155286. No. EEM 195. Córdoba.
- 155287. No. EEM 201. San Juan.
- 155288. No. EEM 204. Córdoba.
- 155289. No. EEM 335. Mendoza.
- 155290. No. EEM 364. Mendoza.
- 155291. No. EEM 366. Mendoza.
- 155292. No. EEM 367. Mendoza.
- 155293. No. EEM 1959. San Luis.
- 155294. No. EEM 182, 183, 365. (Mixed.)

155295 to 155318.

From Arabia. Seeds presented by H. B. Clark, American Consul, Aden. Received July 2, 1946.

From the State of Yemen.

- 155295. ABELMOSCHUS ESCULENTUS (L.) Moench. Malvaceae. Okra.
Ladyfinger.
- 155296 and 155297. ALLIUM CEPA L. Liliaceae. Onion.
155296. A red variety, originally from Turkey.
155297. Arabic green.
- 155298. ANETHUM GRAVEOLENS L. Apiaceae. Dill.
- 155299. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.
Green, not hot.
- 155300. CORIANDRUM SATIVUM L. Apiaceae. Coriander.
- 155301. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.
- 155302. DAUCUS CAROTA L. Apiaceae. Carrot.
- 155303. HORDEUM VULGARE L. Poaceae. Barley.
- 155304. LENS CULINARIS Medik. Fabaceae. Lentil.
- 155305. NIGELLA SATIVA L. Ranunculaceae. Black cumin.
- 155306. PETROSELINUM CRISPUM (Mill.) Nym. Apiaceae. Parsley.
- 155307. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
- 155308. PISUM SATIVUM L. Fabaceae. Pea.
- 155309. RAPHANUS SATIVUS L. Brassicaceae. Radish.
- 155310 to 155312. SORGHUM VULGARE Pers. Poaceae.
155310. Red grain.
155311. White grain.
155312. Yellow grain.
- 155313. SPINACIA OLERACEA L. Chenopodiaceae. Spinach.
- 155314. TRIGONELLA FOENUM-GRÆCUM L. Fabaceae. Fenugreek.
- 155315 and 155316. TRITICUM AESTIVUM L. Poaceae. Wheat.
155315. Grown in Yemen.
155316. Inferior.
- 155317. VICIA FABA L. Fabaceae. Broadbean.
- 155318. ZEA MAYS L. Poaceae. Corn.

155319 to 155339. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 18, 1946.

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|---|---|
| 155319. <i>Inyanyala</i> . From Kilungu. | 155330. <i>Mukengya</i> . From Nzawi. |
| 155320. <i>Ithaa</i> . From Kilungu. | 155331. <i>Mukombi</i> . From Kilungu. |
| 155321. <i>Katengu</i> . From Mwala. | 155332. <i>Mungomo</i> . From Mwala. |
| 155322. <i>Kaue</i> . From Kangundu. | 155333. <i>Muthiikwa</i> . From Kangundu. |
| 155323. <i>Kilongola</i> . From Mukaa. | 155334. <i>Muthio</i> . From Nzawi. |
| 155324. <i>Kyebui</i> . From Misooni. | 155335. <i>Muveta</i> . From Kisauni. |
| 155325. <i>Mpeta</i> . From Kikumsubulin. | 155336. <i>Muyo</i> . From Kisauni. |
| 155326. <i>Mubemba</i> . From Kilungu. | 155337. <i>Mwembe</i> . From Kangundu. |
| 155327. <i>Mubobi</i> . From Mukaa. | 155338. <i>Ngutwa</i> . From Mwala. |
| 155328. <i>Mubovi</i> . From Nzawi. | 155339. From Nzawi. |
| 155329. <i>Mubya</i> . | |

155340 to 155344. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Argentina. Seeds presented by G. A. Tome, Facultad de Agricultura y Veterinaria, Buenos Aires. Received July 9, 1946.

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|--|---------------------------------------|
| 155340. <i>M</i> × 7. | 155343. <i>Syn. No. 1</i> . |
| 155341. <i>M</i> × 46 <i>k</i> . | 155344. <i>Syn. × Massaux 248 k</i> . |
| 155342. <i>Massaux</i> × 40 <i>k</i> . | |

155345 to 155363. CAPSICUM FRUTESCENS L. Solanaceae.**Redpepper.**

From Argentina. Seeds presented by Enrique C. Clos, Ministerio de Agricultura, Buenos Aires. Received July 22, 1946.

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|---------------------------|---------------------------|
| 155345. <i>No. 3639</i> . | 155355. <i>No. 3649</i> . |
| 155346. <i>No. 3640</i> . | 155356. <i>No. 3650</i> . |
| 155347. <i>No. 3641</i> . | 155357. <i>No. 3651</i> . |
| 155348. <i>No. 3642</i> . | 155358. <i>No. 3652</i> . |
| 155349. <i>No. 3643</i> . | 155359. <i>No. 3653</i> . |
| 155350. <i>No. 3644</i> . | 155360. <i>No. 3654</i> . |
| 155351. <i>No. 3645</i> . | 155361. <i>No. 3655</i> . |
| 155352. <i>No. 3646</i> . | 155362. <i>No. 3656</i> . |
| 155353. <i>No. 3647</i> . | 155363. <i>No. 3657</i> . |
| 155354. <i>No. 3648</i> . | |

155364. ERYTHRINA SENEGALENSIS DC. Fabaceae. Coral tree.

From the Gold Coast. Seeds presented by E. A. Menninger, Stuart, Fla. Received July 23, 1946.

From Accra.

155365. SACCHARUM. Poaceae. Sugarcane.

From Cuba. Cuttings presented by the Compania Commercial Rodriguez S. A., Havana. Received July 24, 1946

Media Luna 3-18.

155366. MYRISTICA FRAGRANS Houtt. Myristicaceae. Nutmeg.

From the British West Indies. Seeds presented by Charles H. Whitaker, American Consulate, Grenada. Received July 25, 1946.

155367 to 155383.

From Peru. Seeds presented by Bowen S. Crandall, Acting Director, Estación Experimental Agrícola, Tingo Maria. Received July 25, 1946.

155367 to 155378. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

155367. *TM-1205*. From Puente Supte.
 155368. *TM-1208*. From Julio Vigo, Aserradero "Las Palmas."
 155369. *TM-1209*. From La Vega, near Tingo Maria.
 155370. *TM-1210*. From Margarita, near Tingo Maria.
 155371. *TM-1214*. From near Carpish.
 155372. *TM-1215*. From Tingo Maria.
 155373. *TM-1216*. From Tingo Maria.
 155374. *TM-1231*. From Pucallpa.
 155375. *TM-1237*. From Kilometer 186.
 155376. *TM-1245*. From near Huánuco.
 155377. *TM-1246*. From near Huánuco.
 155378. *TM-1247*. From near Huánuco.

155379. LYCOPERSICON PERUVIANUM (L.) Mill.

TM-1207. From Lote Francisco Mendieta.

155380 to 155383. SOLANUM sp. Solanaceae.

155380. *TM-1197*. From Naranjillo.
 155381. *TM-1213*. From near Carpish.
 155382. *TM-1229*. *Cocona*. From San Pablo.
 155383. *TM-1233*. From near Aguaytia.

155384. TECTONA GRANDIS L. f. Verbenaceae. Teak.

From Puerto Rico. Seeds presented by the Agricultural Experiment Station, Mayagüez. Received July 23, 1946.

155385 and 155386. MALUS. Malaceae.

From New York. Cuttings presented by G. H. Howe, New York State Agricultural Experiment Station, Geneva. Received July 26, 1946.

155385. *Florence Crabapple*.
 155386. *Large Yellow Siberian Crabapple*.

155387. RUBUS sp. Rosaceae.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received July 15, 1946.

Collected at 7,000 feet altitude on Carpish. Fruit 4 cm. long by 2 cm. wide, acid, black when ripe.

155388 to 155393.

From Costa Rica. Seeds presented by Claude Hope, Assistant General Manager, American Cinchona Plantation, Isla Bonita. Received July 15, 1946.

155388. IMPATIENS SULTANI Hook. f. Impatiéntaceae. Sultan snapweed.

From San Antonio de Turrialba.

155389. HIPPOBROMA LONGIFLORA (L.) Presl. Campanulaceae.

Jasmin de Estrella. From near Turrialba, at 2,000 to 2,300 feet altitude.

155390. NEOMARICA sp. Iridaceae.

From San Antonio de Turrialba. Flowers dark blue.

155388 to 155393—Continued

155391. SOLANUM sp. Solanaceae.

Tomatolike plant with edible fruits $\frac{3}{8}$ inch in diameter, decumbent. From Volcán Poas, 4,000 feet altitude.

155392. SOLANUM sp.

Tomatolike plant with edible fruits $1\frac{1}{4}$ inch in diameter, plant prostrate. From Volcán Poas, 4,000 feet altitude.

155393. TURNERA ULMIFOLIA L. Turneraceae.

155394 and 155395.

From Brazil. Seeds presented by the Departamento da Produção Animal, São Paulo. Received July 19, 1946.

155394. MELINIS MINUTIFLORA Beauv. Poaceae.

Molasses grass.*Capim Gordura.*

155395. HYPARRHENIA RUFA (Nees) Stapf. Poaceae.

*Capim Jaragua.***155396 to 155418.**

From India. Seeds presented by B. K. Paranjhe, Vishnoo Sadashive & Co., Seed and Bulb Growers, Poona. Received July 23, 1946.

155396. AMARANTHUS TRICOLOR L. Amaranthaceae.

Pokla Bhajee.

155397. AMARANTHUS sp.

Math Red.

155398. AMARANTHUS sp.

Chavali Bhajee.

155399. AMARANTHUS sp.

Math Green.

155400. ANETHUM GRAVEOLENS L. Apiaceae.

Dill.*Shepu Bhajee.*

155401. PSOPHOCARPUS TETRAGONOLOBUS (L.) DC. Fabaceae.

Goa bean.

155402. CARICA PAPAYA L. Papayaceae.

Papaya.*Dwarf Yenen.*

155403. CHENOPODIUM sp. Chenopodiaceae.

Chandanbatwa.

155404. CHENOPODIUM sp.

Chakwat.

155405. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.*Dilpasant.*

155406. CORIANDRUM SATIVUM L. Apiaceae.

Coriander.*Kothimbir.*

155407. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae.

Cushaw.*Bhopla Red.*

155408 and 155409. LAGENARIA LEUCANTHA (Duchesne) Rusby. Cucurbitaceae.

Calabash gourd.155408. *Dudhia Round.*155409. *Dudhia Long.*

155396 to 155418—Continued

- 155410 to 155412. *LUFFA* spp. Cucurbitaceae.
- 155410 and 155411. *LUFFA ACUTANGULA* (L.) Roxb. Singkwa towelgourd.
155410. *Dodka Long*.
155411. *Ghosala White*.
155412. *LUFFA AEGYPTIACA* Mill. Suakwa towelgourd.
- 155413 to 155415. *MOMORDICA CHARANTIA* L. Cucurbitaceae. Balsam-pear.
155413. *Karali Green*.
155414. *Padwal Long*.
155415. *Karali White*.
155416. *RUMEX VESICARIUS* L. Polygonaceae.
Chooka Bhaji.
155417. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. Fenugreek.
Methi.
155418. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.
Kardai.
- 155419 to 155423. *ORYZA SATIVA* L. Poaceae. Rice.
- From Venezuela. Seeds presented by the Ministerio de Agricultura y Cria, Departamento de Genética, Maracay. Received July 29, 1946.
155419. *No. I-48 Apure*. 155422. *No. I-49 Delta Amacuro*.
155420. *No. I-22 Chrigua 1*. 155423. *No. I-18 La Victoria*.
155421. *No. I-39 Chivacoa 1*.
- 155424 and 155425. *ANNONA CHERIMOLA* Mill. Annonaceae. Cherimoya.
- From Peru. Seeds presented by John J. Haggerty, Agricultural Attaché, Lima. Received July 23, 1946.
155424. Smooth skin.
155425. Warty skin.
- 155426 to 155428.
- From Canada. Budsticks presented by F. L. Skinner, Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received July 31, 1946.
- 155426 and 155427. *MALUS*. Malaceae.
155426. *Charles Crabapple*.
155427. *Hibernal* × *Red Siberian Crabapple*.
155428. *PRUNUS MANDSHURICA* (Maxim.) Koehne. Amygdalaceae. Manchurian apricot.
Dropmore Selection.
- 155429 to 155433. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
- From Australia. Seeds presented by the Division of Plant Industry, Department of Agriculture, Sydney, New South Wales. Received July 31, 1946.
- Supplied by the Temora Experiment Farm.
155429. *Celebration*. 155432. *Kendee*.
155430. *Charter*. 155433. *Yalta*.
155431. *Gabo*.

155434 and 155435. ERAGROSTIS spp. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received July 22, 1946.

155434. ERAGROSTIS LEHMANNIANA var. *AMPLA* Stapf. Poaceae. **Lovegrass.**

Received as *Eragrostis curvula* var. *ampla*, apparently in error.

155435. ERAGROSTIS LEHMANNIANA Nees.

155436 and 155437.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Pretoria, Transvaal. Received July 29, 1946.

155436. ERAGROSTIS SUPERBA Peyr. Poaceae.

A special geographical strain.

155437. TETRACHNE DREGEI Nees. Poaceae.

155438 to 155448.

From the Soviet Union. Seeds presented by Academician N. V. Tsitsin, Institute of Grain Culture, Alexandra District, Rostov Province. Received July 29, 1946.

155438 to 155440. CHRYSANTHEMUM CINERARIAEFOLIUM (Trevir.) Vis. Asteraceae.

155438. No. 3. From Alexandra District, Rostov Province.

155439. No. 84. From Uzbek, Soviet Union.

155440. No. 51. From collective farm "Parizhskaya Kommun," Odessa Province.

155441 to 155448. CHRYSANTHEMUM COCCINEUM Willd.

155441. No. 609. From the Leningrad Botanical Institute.

155442. Item No. 7. From Zheltaya, Manglis, Georgia.

155443. Item No. 1. From Kartalin, Manglis, Georgia.

155444. Item No. 2. From Tabiskhuri, Bakurian, Georgia.

155445. No. 314. From the collective farm "Stalin," Rostov Province.

155446. No. 318. From the Leningrad Botanical Institute.

155447. No. 315. From the Leningrad Botanical Institute.

155448. No. 317. From the Leningrad Botanical Institute.

155449 to 155458.

From Canada. Scions presented by W. R. Leslie, Dominion Experimental Station, Morden, Manitoba. Received Aug. 6, 1946.

155449 to 155457. MALUS. Malaceae.

155449. Acheson Crabapple.

155454. Florence Crabapple.

155450. Amisk Crabapple.

155455. Moscow Pear Crabapple.

155451. Athabaska Crabapple.

155456. Reddant Crabapple.

155452. Chilko Crabapple.

155457. Strathmore No. 5 Crabapple.

155453. Cowichan Crabapple.

155458. PRUNUS. Amygdalaceae.

Cistena.

155459 to 155465.

From Minnesota. Scions presented by the Agricultural Experiment Station, University Farm, Saint Paul. Received Aug. 6, 1946.

155459. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

Peerless.

155459 to 155465—Continued

155460 to 155465. *MALUS*.155460. *Carlton Crabapple*.155463. *Flame Crabapple*.155461. *Colombia Crabapple*.155464. *Minnesota No. 447 Crabapple*.155462. *Dolga Crabapple*.155465. *Virginia Crabapple*.

155466 and 155467.

From Tanganyika. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received July 31, 1946.

From the East African Agricultural Research Station, Amani.

155466. *SORGHUM VERSICOLOR* Anderss. Poaceae.155467. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.

155468 to 155470.

From the Union of South Africa. Seeds presented by L. C. C. Liebenberg, Director of Agricultural Education and Research, Pretoria, Transvaal. Received Aug. 5, 1946.

155468. *DIGITARIA SMUTSII* Stent. Poaceae.

From the Pretoria District.

155469. *SETARIA SPHACELATA* (Schum.) Stapf. & Hubb. Poaceae*Du Toits Kraal*.155470. *TETRACHNE DREGEI* Nees. Poaceae.

From Molteno.

155471 to 155855. *SORGHUM* spp. Poaceae.

From eastern Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 7, 1946.

The symbols GB, GN, and SW, used in the following notes, signify green midrib, grain, and sweet-stemmed, respectively. Collected in 1946.

155471 to 155511. *SORGHUM VULGARE* Pers.

155471 to 155484. From Tanganyika.

155471 to 155476. Vicinity of Merangu. March 9, 1946.

155471. No. 773. *Mutama*.

155474. No. 776. GN.

155472. No. 774. *Mutama*.

155475. No. 777. GN.

155473. No. 775. *Mutama*.

155476. No. 777A.

155477. No. 784. *Rugugu*. Recega. GN. March 20.

155478. No. 785. Near Mtandika. GN.

155479. No. 786. *Mugugu*. Near Mtandika.155480. No. 787. *Upemba*. From 30 miles northeast of Iringa. Much stooling. GN.155481. No. 788. *Upemba*. From 20 miles southeast of Iringa. March 21. GN.

155482 to 155484. From 70 miles east of Mbeya.

155482. No. 793.

155483. No. 796.

155484. No. 797.

155471 to 155855—Continued

155485 to 155511. From Northern Rhodesia.

155485 to 155493. Vicinity of Broken Hill. March 28.

155485. No. 798. *Maila*. 155490. No. 803. *Masaka*. GN.155486. No. 799. *Misali*. SW. 155491. No. 807. Forage.155487. No. 800. *Misali*. 155492. No. 808. Forage.155488. No. 801. *Misali*. 155493. No. 809. *Misali*. SW.155489. No. 802. *Misali*.

155494. No. 810. Originally from the Union of South Africa. Forage.

155495. No. 811. *Mapira*. Near Kapiri Mposhi. March 30. GB.155496. No. 812. *Masaka*. From 57 miles north of Broken Hill. GB.

155497. No. 813. From 63 miles north of Broken Hill. Very large. GB.

155498. No. 815. *Misali*. Near Ndola.155499. No. 816. *Misali*. Near Ndola.

155500 to 155503. Near Kambowa. April 1.

155500. No. 817. *Musenga*. GN. 155502. No. 819. *Chituwamusungu*. GN.155501. No. 818. *Chimamba*. 155503. No. 821A. *Nsonge*. SW GN.155504. No. 822. *Bwalimbo*. Mkushi. GN.155505. No. 823. *Bwalimbo*. Mkushi. GN.

155506. No. 825. Lamba tribe. GN.

155507. No. 826. *Nsonje*. From 5 miles south of Ndola. SW. April 2155508. No. 828. *Mapira*. Mixed varieties from Lusaka. April 3.155509. No. 829. *Chundi*. Mixed varieties from Lusaka.155510. No. 830. *Maila Muchemae*. Near Kafue Ferry. GN.155511. No. 831. *Musali*. Near Kafue Ferry. SW.155512. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 832. From 13 miles south of Mazabuka, Northern Rhodesia. April 4.

155513. *SORGHUM VERSICOLOR* Anderss.

No. 834. From 13 miles south of Mazabuka, Northern Rhodesia.

155514 to 155544. *SORGHUM VULGARE* Pers.

From Northern Rhodesia.

155514 to 155518. Livingstone. April 8.

155514. No. 838.

155515. No. 839. *Masaka Bari*. GN.155516. No. 840. *Masaka*. GN.155517. No. 841. *Misali*. SW.155518. No. 842. *Misali*.155519. No. 843. *Makonga*. Barotseland. GN.

155520. No. 845. From 40 miles north of Livingstone. Folger. SW.

155521 to 155523. European field near Zimba. GN.

155521. No. 846.

155522. No. 848. *Mase*.155523. No. 849. *Maila*.

155471 to 155855—Continued

155524 to 155533. Kalomo and vicinity. April 10.

155524. No. 852. *Maila*.

155525. No. 854. *Misali*. SW.

155526. No. 857. *Maila Mujem*. GN.

155527. No. 859. *Misali Jupano*. GN.

155528. No. 860. *Namisali Nungu*. GN.

155529. No. 861. *Sasasa*. GN.

155530. No. 862. *Sarenge*. GN.

155531. No. 863. *Misali*. SW.

155532. No. 864. *Maila*. GN.

155533. No. 865. *Misali*. SW.

155534 to 155537. Choma and vicinity. GN.

155534. No. 866.

155536. No. 868A. *Maila Mujeme*.

155535. No. 867. *Maila*.

155537. No. 868B. *Maila Mujeme*.

155538. No. 869. *Manunka*. From 15 miles east of Choma. GN.

155539. No. 956A. *Akapande*. From 33 miles east of Rufunsa. GN.

155540 to 155544. From 15 miles east of Choma. GN.

155540. No. 870. *Sedafalahu*.

155543. No. 871A. *Hasesa*.

155541. No. 870A.

155544. No. 872.

155542. No. 871. *Hasesa*.

155545. SORGHUM.

No. 874. Near Muzoka, Northern Rhodesia.

155546 to 155761. SORGHUM VULGARE Pers.

155546 to 155658. From Northern Rhodesia.

155546 to 155555. Monze and vicinity. April 11.

155546. No. 877. *Mapira*. GN.

155547. No. 878. *Maila*. GN.

155548. No. 879. *Musunde*. Hybrid.

155549. No. 882. *Misali*. Sweetfolger.

155550. No. 884. *Maila*. GN.

155551. No. 885. *Musali*. SW.

155552. No. 886. *Misali Folger*.

155553. No. 887. GN.

155554. No. 888. GN.

155555. No. 889. *Maila*. GN.

155556 to 155566. Mazabuka and vicinity.

155556. No. 891. *Maila*. GN.

155557. No. 892. *Maila*. GN.

155558. No. 894. GN.

155559. No. 895. *Maila*. GN.

155560. No. 896. *Musali*. SW.

155471 to 155855—Continued

155561. No. 897. *Musali*. Sweet Rex.
 155562. No. 898. *Maila*. Tall. GN.
 155563. No. 901. *Maila*. GN.
 155564. No. 903. *Musali*. SW.
 155565. No. 904. Hybrid.
 155566. No. 907. GN.
 155567. No. 909. *Musonde*. Near Kafue Ferry. GN.
 155568. No. 910. *Iamaila* or *Durembera Iera*. Near Kafue Ferry. GN.
 155569 to 155585. Lusaka and vicinity.
 155569. No. 914. *Meanje*. SW.
 155570. No. 915. *Pande*. GN.
 155571. No. 917. *Longwe*.
 155572. No. 918. *Pande*. GN.
 155573. No. 919. *Meange*. SW.
 155574. No. 919A. SW.
 155575. No. 919B. SW.
 155576. No. 920. *Chonkwe*. GN.
 155577. No. 920A. GN.
 155578. No. 921. *Chuendu*. GN.
 155579. No. 922. GN.
 155580. No. 923. SW.
 155581. No. 924. SW.
 155582. No. 925. *Mapiira*. GN.
 155583. No. 926. *Meange*. SW.
 155584. No. 927. *Selenge*. GN.
 155585. No. 928. *Longwe*. GN.
 155586 to 155607. Rufunsa and vicinity.
 155586. No. 930. *Meange*. SW.
 155587. No. 939. *Musondi*. Hybrid.
 155588. No. 931. *Maila*. GN.
 155589. No. 932. *Misali*. SW.
 155590. No. 933. *Chilunda*. Awned. GN.
 155591. No. 934. *Chilunda*. Awnless. GN.
 155592. No. 936. *Kasela*. GN.
 155593. No. 940. *Kasela*. GN.
 155594. No. 941. *Esumbo*. GN.
 155595. No. 942. *Misali*. SW.
 155596. No. 944. Very tall, much stooling.
 155597. No. 945. *Misali*. SW.
 155598. No. 946. *Mapiera*. GN.
 155599. No. 947. *Mapiera*.
 155600. No. 949. *Misali*.

155471 to 155855—Continued

155601. No. 950.
155602. No. 951. *Mpiera*.
155603. No. 952. *Mpiera*. GN.
155604. No. 953. *Misali*. SW.
155605. No. 954. *Misali*. SW.
155606. No. 955. *Kisumbu*. GN.
155607. No. 956. *Akapande*. GN.
155608 to 156610. From 28 miles east of Beit Bridge.
155608. No. 958. *Misali*. SW.
155609. No. 959. *Mapiera*. GN.
155610. No. 960. *Mapiera*. GN.
155611 to 155638. Minga and vicinity. April 14.
155611. No. 961. *Misali*.
155612. No. 962. *Misali*. SW.
155613. No. 963. *Misali*. Large, late, SW.
155614. No. 964. *Misali*. SW.
155615. No. 967. *Camuquaka*.
155616. No. 969. *Mpiera*. GN.
155617. No. 970. *Conkuaqua*. GN.
155618. No. 971. *Misali*. SW.
155619. No. 972. *Nkambwa*.
155620. No. 973. *Misali*. SW.
155621. No. 974. *Misali*. SW.
155622. No. 975. *Misali*. SW.
155623. No. 976. *Misali*. SW.
155624. No. 977. *Chimbakweni*. SW.
155625. No. 978. *Misali Ite*.
155626. No. 979. *Pande*.
155627. No. 980. *Kamnonko*.
155628. No. 982. *Chimbowa*. SW.
155629. No. 982A.
155630. No. 983. *Kandondo*. GN.
155631. No. 984. *Mbikiloni*. SW.
155632. No. 985. *Ije*. GB.
155633. No. 986. *Mpiera*. GN.
155634. No. 987. *Mpiera*. GN.
155635. No. 988. *Pande*. GN.
155636. No. 989. *Pande*. GN.
155637. No. 991. *Kamkomba*. GN.
155638. No. 992. *Mpiera*. GN.
155639 to 155645. Kapra Smudge House north of Fort Jameson. April 16.
155639. No. 993. *Pande*.

155471 to 155855—Continued

155640. No. 994. *Pande*. GN.
155641. No. 995. *Nyachizyanda*. SW.
155642. No. 997. *Marangomwa*. SW.
155643. No. 998. *Zakeyo*. SW.
155644. No. 999. *Marangomwa*. SW.
155645. No. 1000. *Pande*. GN.
- 155646 to 155654. From Chikumbe Village, 24 miles northwest of Fort Jameson.
155646. No. 1001. *Misali*.
155647. No. 1002. *Mampenga*. SW.
155648. No. 1003. *Kankombo*. GN.
155649. No. 1004. *Kamnonka*. GN.
155650. No. 1005. *Nkoche*. GN.
155651. No. 1007. *Chibowa*. SW.
155652. No. 1007A.
155653. No. 1008. *Kamkomba*. GN.
155654. No. 1009. *Nyachizyanda*.
- 155655 to 155658. From Yakaniah Village, 30 miles northwest of Fort Jameson.
155655. No. 1010. GB.
155656. No. 1011.
155657. No. 1013. *Musindi*. SW.
155658. No. 1014. *Musindi*. SW.
- 155659 to 155761. From Nyasaland.
- 155659 to 155672. Fort Manning and vicinity.
155659. No. 1015. *Musali*. SW.
155660. No. 1016. *Mapira*. GB. GN.
155661. No. 1017. *Hoiyo*. GN.
155662. No. 1018. *Mapira*. GN.
155663. No. 1019. *Sali Apula, Afula*. GB.
155664. No. 1020. *Sali Apula, Aula*. White midrib.
155665. No. 1022. SW.
155666. No. 1023. *Sumbwi*.
155667. No. 1025. *Kamkwakwa, Kamgolongola*. GN.
155668. No. 1026. *Nkoche*. GN.
155669. No. 1027. *Misali*.
155670. No. 1028. *Misali*.
155671. No. 1029. *Misali*.
155672. No. 1030. *Misali*.
- 155673 to 155681. Lilongwe and vicinity.
155673. No. 1031. *Galam Sali*. SW.
155674. No. 1032. *Pande*. GN.

155471 to 155855—Continued

155675. No. 1033. *Kaliyoys*.
 155676. No. 1034. Very stout. SW.
 155677. No. 1035. *Misali*.
 155678. No. 1036. GN.
 155679. No. 1037. SW.
 155680. No. 1038. *Mbalwe*. GN.
 155681. No. 1039.
- 155682 to 155688. Lilongwe and vicinity. April 18.
155682. No. 1040. *Misali*.
 155683. No. 1041. *Misali*.
 155684. No. 1042. *Misali*.
 155685. No. 1043. *Misali*.
 155686. No. 1044. *Misali*.
 155687. No. 1045. *Misali*.
 155688. No. 1046. *Misali*.
- 155689 to 155699. Salima and vicinity. April 22.
155689. No. 1049. *Mapira*. GN.
 155690. No. 1050. *Mapira*. GN.
 155691. No. 1051. *Misali*. Stout SW.
 155692. No. 1053. *Misali*. SW.
 155693. No. 1054. *Piesali*. GN.
 155694. No. 1055. *Misali*.
 155695. No. 1056. *Misali*. GN.
 155696. No. 1057. *Misali*.
 155697. No. 1058.
 155698. No. 1059. *Misali*.
 155699. No. 1060. *Misali*.
155700. No. 1061. *Mapira, Mlenga*. From 25 miles northeast of Lilongwe.
- 155701 to 155706. Lilongwe and vicinity. April 23.
155701. No. 1062. *Mapira*. GN.
 155702. No. 1063. *Kapire*. GN.
 155703. No. 1063A.
 155704. No. 1064. *Malaget*. GN. Open and compact.
 155705. No. 1064A.
 155706. No. 1065. *Misali*. SW.
- 155707 to 155719. Natenje and vicinity.
155707. No. 1066. *Barawanga*.
 155708. No. 1067. *Misali*. SW.
 155709. No. 1068. *Mbalwe*. Hybrid.
 155710. No. 1069.
 155711. No. 1070. GN.

155471 to 155855—Continued

155712. No. 1071. Shedding.
155713. No. 1072. *Misali*. SW.
155714. No. 1074. *Misali*. SW. Crooknecked.
155715. No. 1075. *Mwanga*. SW.
155716. No. 1076. *Mbalwe*.
155717. No. 1077. *Mwanga*. GN. Twin-seeded.
155718. No. 1078. *Mapira*. GN. Much stooling.
155719. No. 1079. *Sinkuja*. GN.
155720. No. 1081. *Misali*. From 26 miles northwest of Dedza. SW.
- 155721 to 155727. Linthipa Valley near Dedza.
155721. No. 1082. *Waquema*. SW.
155722. No. 1083. *Wasamiera*. SW.
155723. No. 1084.
155724. No. 1085. GN.
155725. No. 1085A. SW. Very large.
155726. No. 1086. SW.
155727. No. 1087. GN.
- 155728 to 155741. Dedza and vicinity. April 24.
155728. No. 1088. SW.
155729. No. 1089. *Misali*.
155730. No. 1090. SW.
155731. No. 1091. *Mapira*. GN.
155732. No. 1092. *Mlenga*. GN.
155733. No. 1093. *Misali*. SW.
155734. No. 1094. GN.
155735. No. 1095. GN.
155736. No. 1096. *Mapira*. GN.
155737. No. 1097. *Misali, Namuse*.
155738. No. 1098. GN.
155739. No. 1099. *Misali*.
155740. No. 1100. *Misali*. SW.
155741. No. 1101. *Namuse*. GN.
- 155742 to 155749. Dedza and vicinity.
155742. No. 1102. *Mbadwa, Mlenga*.
155743. No. 1103. *Nemuse*. GN.
155744. No. 1104. GN.
155745. No. 1105. GN.
155746. No. 1106. *Mlenga*. GN.
155747. No. 1107. *Misali*. SW.
155748. No. 1108. *Mlenga*. GB.
155749. No. 1109. *Kapire*.

155471 to 155855—Continued

155750 to 155760. Ncheu and vicinity.

155750. No. 1110. GB.

155751. No. 1111. *Namuse*. GB.

155752. No. 1112. *Mwanga*. GN. Twin-seeded.

155753. No. 1113. *Misali*. SW.

155754. No. 1114. *Namuse*. GB.

155755. No. 1115. *Kapire*. GB.

155756. No. 1116. *Mbalwe*. GN. Very tall.

155757. No. 1117. *Kapira*. GN.

155758. No. 1118. *Mlenga*. GN.

155759. No. 1119. *Sumbwe*.

155760. No. 1120. *Namuse*.

155761. No. 1121A. *Mapera*. Near Senzani Village. GN.

155762. SORGHUM ARUNDINACEUM (Willd.) Stapf.

No. 1122. North of Blantyre, Nyasaland.

155763 to 155855. SORGHUM VULGARE Pers.

From Nyasaland.

155763. No. 1124A. Near Chiradzulu.

155764 to 155792. Chileka and vicinity. April 26.

155764. No. 1125. GN. Twin-seeded.

155765. No. 1126. GN. Twin-seeded.

155766. No. 1127. GN.

155767. No. 1128. GN.

155768. No. 1129. GN.

155769. No. 1130. GN.

155770. No. 1131. *Misali*. SW.

155771. No. 1132. GN.

155772. No. 1133. *Misali*. SW.

155773. No. 1134. *Misali*. SW.

155774. No. 1135. *Misali*. SW.

155775. No. 1136. *Misali*. SW.

155776. No. 1137. *Misali*. SW.

155777. No. 1138. *Misali*. SW.

155778. No. 1139. *Misali*. SW.

155779. No. 1140. *Salabango*. GB.

155780. No. 1141. *Sumbwi*. GN.

155781. No. 1142. *Mlenga*. GN.

155782. No. 1143. *Namuse*. GN.

155783. No. 1144. *Namuse*. GN.

155784. No. 1145. *Namuse*. GN.

155785. No. 1146. GN.

155786. No. 1147. GN.

155471 to 155855—Continued

155787. No. 1148 *Kapiri*. GN.
 155788. No. 1149. *Misali*. SW.
 155789. No. 1150. *Misali*.
 155790. No. 1151.
 155791. No. 1152. *Misali*. SW.
 155792. No. 1153. *Kapiri*. GN.
 155793 to 155795. Near Mpatamanga Gorge of the Shire River.
 155793. No. 1154. *Gonbo*. GN.
 155794. No. 1155. *Kapiri*. GN.
 155795. No. 1156. *Gongo*. GN.
 155796. No. 1157. From 20 miles north of Lilongwe. SW.
 155797 to 155800. Neno.
 155797. No. 1168. *Misali*.
 155798. No. 1169. *Misali*.
 155799. No. 1170. *Misali* × *Namuse*.
 155800. No. 1171. *Namuse*.
 155801. No. 1172. Near Luchenza. April 27.
 155802. No. 1173. Near Luchenza. GB.
 155803. No. 1174. Near Fundis Crossroads. GM. Small, very early.
 155804. No. 1176. Near Fundis Crossroads. GN.
 155805 to 155811. Limbe and vicinity. April 29.
 155805. No. 1177. *Mapira*.
 155806. No. 1178. Shattering, hybrid.
 155807. No. 1179. GN.
 155808. No. 1180. GB.
 155809. No. 1181. Much stooling.
 155810. No. 1182. GB, SW.
 155811. No. 1183. GN.
 155812 to 155819. Chiromo and vicinity.
 155812. No. 1185. Semiwild.
 155813. No. 1188. GN.
 155814. No. 1189. GN. Blotch.
 155815. No. 1190. *Munuguay*.
 155816. No. 1191.
 155817. No. 1192. *Songoli*.
 155818. No. 1193. *Goquay*. GN.
 155819. No. 1194. *Tengaramanga*. GN.
 155820 to 155825. Zomba and vicinity. May 1.
 155820. No. 1195. *Mapemba*. GN.
 155821. No. 1196. GB.
 155822. No. 1197. GB.

155471 to 155855—Continued

155823. No. 1198. *Mikota*. SW.
 155824. No. 1199A. SW.
 155825. No. 1199B. SW.
 155826. No. 958A. From 28 miles east of Beit Bridge. SW.
 155827 to 155833. Zomba and vicinity.
 155827. No. 1200. *Mapemba*. GN.
 155828. No. 1201. *Mapemba*. GN.
 155829. No. 1202. *Mapemba*. GN.
 155830. No. 1203. White seed. SW.
 155831. No. 1204. *Mapemba*. GN.
 155832. No. 1205. *Mapemba*. GN.
 155833. No. 1206. *Mckota*. SW.
 155834. No. 1207. *Tensaballa*. SW. Johannesburg.
 155835 to 155839. Zomba and vicinity.
 155835. No. 1209. *Wangnon*. SW.
 155836. No. 1210. *Mapemba*. GN.
 155837. No. 1211. SW.
 155838. No. 1212. SW.
 155839. No. 1214. SW.
 155840. No. 1215. Near Namwera. GN.
 155841 to 155847. Fort Johnston and vicinity.
 155841. No. 1216. GN. 155845. No. 1221. SW.
 155842. No. 1217. GN. 155846. No. 1222. SW.
 155843. No. 1218. GN. 155847. No. 1224. GN.
 155844. No. 1219. SW.
 155848. No. 1208. From 50 miles north of Zomba. SW.
 155849. No. 1233. From 18 miles east of Balaka. GN.
 155850. No. 1209A. From 50 miles north of Zomba.
 155851 to 155854. From 9 miles east of Balaska. GN.
 155851. No. 1237. *Andonge*. 155853. No. 1239. *Andonge*.
 155852. No. 1238. *Mungowe*. 155854. No. 1240.
 155855. No. 1253. From 17 miles north of Dedza, 4,500 feet altitude. GN.
155856. SACCHARUM. Poaceae. Sugarcane.
 From the British West Indies. Seeds presented by the Central Sugar Cane Breeding Station, Trinidad. Received Aug. 13, 1946.
 No. B-37193.
155857. VETIVERIA NIGRITANA (Benth.) Stapf. Poaceae.
 From Tanganyika. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 13, 1946.
 No. 835. From 13 miles south of Mazabuka. April 4, 1946.
155858. BOEHMERIA NIVEA (L.) Gaud. Urticaceae. Ramie.
 From the Philippine Islands. Seeds presented by John M. Beard, Department of State, Washington, D. C. Received Aug. 12, 1946.

- 155859. ANNONA MURICATA L. Annonaceae. Sour sop.**
 From Peru. Seeds presented by R. J. Seibert, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received May 23, 1946.
Huanabana. From Tingo Maria; a superior local selection.
- 155860 to 155865. ORYZA SATIVA L. Poaceae. Rice.**
 From India. Seeds presented by B. S. Kadan, Deputy Director of Agriculture, Poona, Bombay Province. Received Aug. 19, 1946.
 From the Salt-land Paddy Station, Panwel, Kolaba District. Salt-tolerant.
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|------------------------------------|-------------------------------------|
| 155860. No. 1. <i>Kala-Rata</i> . | 155863. No. 4. <i>Manjarwel</i> . |
| 155861. No. 2. <i>Bhura-Rata</i> . | 155864. No. 5. <i>Khari-Patni</i> . |
| 155862. No. 3. <i>Morchuka</i> . | 155865. No. 6. <i>Dhoke</i> . |
- 155866. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.**
 From China. Seeds presented by E. A. Turner, A.P.O. 971, c/o Postmaster, San Francisco, Calif. Received Aug. 14, 1946.
 From Shanghai.
- 155867 and 155868.**
 From the Soviet Union. Seeds presented by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Aug. 14, 1946.
 From a collective farm near Kiev.
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| 155867. <i>SECALE CEREALE L. Poaceae.</i> | Rye. |
| 155868. <i>TRITICUM AESTIVUM L. Poaceae.</i> | Common wheat. |
- 155869 to 155879. SORGHUM VULGARE Pers. Poaceae.**
 From India. Seeds presented by B. S. Kadan, Deputy Director of Agriculture, Poona, Bombay Province. Received Aug. 19, 1946.
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| 155869. <i>Bilimor-Bengalore</i> . | 155875. <i>Nandyal-Nerh Chikodi</i> . |
| 155870. <i>Budha Perio-Surat</i> . | 155876. <i>N. T. 502-Nandyal</i> . |
| 155871. <i>Budha Perio 53-Surat</i> . | 155877. <i>Red Janapur-Dokri</i> . |
| 155872. <i>Gidgemp-Athani</i> . | 155878. <i>Sadaqar-Chikodi</i> . |
| 155873. <i>Gidgemp-Chikodi</i> . | 155879. <i>Sakkari Guiliga Jonna</i> . |
| 155874. <i>Irungi Cholam</i> . Fodder variety. | |
- 155880 to 155882. SOLANUM spp. Solanaceae.**
 From Peru. Seeds presented by Bowen S. Crandall, Estación Experimental, Tingo Maria. Received Aug. 20, 1946.
155880. *SOLANUM* sp.
 No. 1234. From Boqueron, Pucallpa highway.
155881. *SOLANUM* sp.
 No. 1197. From Naranjillo, Tingo Maria.
155882. *SOLANUM* sp.
 No. 1232. From Divisoria, Pucallpa highway.
- 155883. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**
 From Argentina. Seeds presented by Casa Carlos Gobetti, Buenos Aires. Received Aug. 26, 1946.
Santa Clara.

155884. PASPALUM NOTATUM Fluegge. Poaceae. **Bahia grass.**

From Cuba. Seeds presented by Prudencio V. Hernandez, Jaguey Grande, Mantanzas. Received Aug. 28, 1946.

155885 to 155943. SORGHUM spp. Poaceae.

From eastern Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 3, 1946.

155885. SORGHUM VULGARE Pers.

No. 766C. From 30 miles north of Merangu, Tanganyika. March 9, 1946.

155886. SORGHUM ARUNDINACEUM (Willd.) Stapf.

No. 778. *Majanne*. From 30 miles south of Merangu, Tanganyika.

155887 to 155889. SORGHUM VULGARE Pers.

155887. No. 791. From 70 miles east of Mbeya, Tanganyika.

155888. No. 821B. *Nsonge*. Field near Kambowa, Tanganyika; sweet-stemmed.

155889. No. 824A. *Bwalimbo*. Mkushi, Tanganyika. Grain.

155890. SORGHUM sp.

No. 835. From 39 miles south of Broken Hill, Northern Rhodesia. March 28, 1946.

155891 to 155943. SORGHUM VULGARE Pers.

155891. No. 883. *Musali*. From 7 miles north of Monze, Northern Rhodesia.

155892. No. 893. From 18 miles southwest of Mazabuka, Northern Rhodesia; sweet-stemmed.

155893. No. 939. *Musonde*. From 7 miles east of Rufunsa, Northern Rhodesia.

Hybrid.

155894. No. 958A. From 28 miles east of Beit Bridge; sweet-stemmed.

155895 to 155916. From Nyasaland.

155895. No. 1048. From 32 miles northeast of Lilongwe.

155896. No. 1075A. From 7 miles east of Natenje; sweet-stemmed.

155897. No. 1162. From 23 miles north of Lilongwe; sweet-stemmed.

155898. No. 1199. *Mapemba*. From 19 miles north of Zomba; sweet-stemmed.

155899. No. 1208. From 50 miles north of Zomba; sweet-stemmed.

155900. No. 1230A. Near Fort Johnston.

155901. No. 1232A. From 34 miles south of Fort Johnston.

155902. No. 1244A. Near Balaka Station.

155903 to 155905. From 25 miles north of Lilongwe.

155903. No. 1256. Grain type.

155904. No. 1256A.

155905. No. 1256B.

155906. No. 1268. From 12 miles north of Kasungu; sweet-stemmed.

155907. No. 1272A. From 13 miles north of Kasungu.

155908 to 155915. Near Njakwa Gorge.

155908. No. 1299. *Kidomba*. Sweet-stemmed.

155909. No. 1300. Seed-shedding.

155885 to 155943—Continued

155910. No. 1301. Green-midrib hybrid.

155911. No. 1302. *Mopiera*. Grain.

155912. No. 1303. Green-midrib grain.

155913. No. 1303A.

155914. No. 1304. Sweet-stemmed.

155915. No. 1305. *Baywo*. Grain.

155916. No. 1316. *Nkumba*. From 20 miles northwest of Fort Hill; grain.
May 11.

155917 to 155943. From Northern Rhodesia.

155917 to 155923. Near Tunduma.

155917. No. 1317. Grain. May 12.

155918. No. 1318. Grain.

155919. No. 1319. Grain.

155920. No. 1320. Grain.

155921. No. 1321. Grain.

155922. No. 1322. Grain.

155923. No. 1323. Grain.

155924 to 155930. Near Abercorn.

155924. No. 1324. *Chifungo*. Grain. May 13.

155925. No. 1325. *Sali*. Grain.

155926. No. 1326. *Sali*. Green midrib, sweet-stemmed.

155927. No. 1327. *Sonkwe*. Grain.

155928. No. 1328. *Sonkwe*. Grain.

155929. No. 1328A. *Sali*. Grain.

155930. No. 1328B. *Kawali*. Grain.

155931. No. 1311. *Mapemba Ichaba*. From 12 miles east of Katumbi;
grain.

155932 to 155939. Near Abercorn.

155932. No. 1330. *Nampundu*. Sweet-stemmed.

155933. No. 1331. *Sali*. Green midrib.

155934. No. 1332. *Sali*. Green midrib.

155935. No. 1339. *Sonkwe*.

155936. No. 1340. *Sonkwe*.

155937. No. 1341. *Sonkwe*.

155938. No. 1343. *Sonkwe*.

155939. No. 1344. *Sonkwe*.

155940 to 155943. From the Senga people, near Polombive.

155940. No. 1348. *Watunda*. Late annual; grain.

155941. No. 1350. *Nampundu*. Twin-seeded type.

155942. No. 1351. *Misali Ya Matete*. Sweet-stemmed.

155943. No. 1352. *Chimbowe*. Sweet-stemmed.

155944 to 155946. PYRUS COMMUNIS L. Malaceae. Common pear.

From Argentina. Scions obtained through the American Embassy, Buenos Aires.
Received Sept. 4, 1946.

155944. *Passe Crassanna*.

155945. *Packham's Triumph*.

155946. *Winter Bartlett*.

155947. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From Brazil. Seeds presented by the Instituto de Cacão da Bahia, Estação Geral de Experimentação, Agua Preta, Bahia. Received Aug. 22, 1946.

Pimenta de Cherio. Yellow, hot.

155948. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.

From China. Seeds collected by Dr. H. L. Crane, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 28, 1946.

From Tientsin.

155949. ANTHOSCHMIDTIA BULBOSA (Stapf) Peter. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Aug. 30, 1946.

155950. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From the Soviet Union. Seeds presented by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 3, 1946.

From the Kuban Region.

155951. MIMUSOPS ALBESCENS L. Sapotaceae.

From Cuba. Seeds presented by F. G. Walsingham, Harvard University Atkins Garden and Research Laboratory, Cienfuegos. Received Sept. 5, 1946.

Acana. A large tropical tree, with leathery, white-glaucous, oblong leaves about 5 inches long, and small white flowers. Native to western Cuba.

155952. BRASSICA NAPUS L. Brassicaceae. Rape.

From Germany. Seeds presented by Gebrüder Dippe A. G., Quedlinberg, Saxony. Received Sept. 9, 1946.

Shatter-proof winter rape.

155953 to 155956.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Sept. 10, 1946.

155953. *ANTHOSCHMIDTIA BULBOSA* (Stapf) Peter. Poaceae.

155954. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae.

155955. *ERAGBOSTIS POROSA* Nees. Poaceae.

Vaal-Harta.

155956. *PENNIBETUM CILIARE* (L.) Link. Poaceae.

155957. GOSSYPIUM. Malvaceae. Cotton.

From the Society Islands. Seeds presented by J. M. Clements, Papeete, Tahiti. Received Sept. 18, 1946.

155958. MALUS SYLVESTRIS Mill. Malaceae. Apple.

From Canada. Scions presented by M. B. Davis, Central Experiment Farm, Ottawa. Received Sept. 18, 1946.

Montreal Beauty.

155959 to 155963.

From the Soviet Union. Seeds obtained from Siberia by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Sept. 19, 1946.

155959 and 155960. *AVENA SATIVA* L. Poaceae.

Oats.

155959. *Baikal 288412*. From the Tulunski Selection Station.

155960. *Sibiryak 1044*. From the Tulunski Selection Station.

155961 to 155963. *HORDEUM VULGARE* L. Poaceae.

Barley.

155961. *Chervonets S/17 Pallidum*. Tulunski Selection Station.

155962. *Chervonets*. Sretenskaya Station.

155963. *Krasnoyarski 74*. From the Kramalinsk Station.

155964 and 155965. CITRUS spp. Rutaceae.

From California. Seeds obtained by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 19, 1946.

From the Citrus Experiment Station, Riverside.

155964. CITRUS.

Pera.

155965. CITRUS TAIWANICA Tanaka & Shimada.

155966 to 155985. ZEA MAYS L. Poaceae.

Corn.

From the Union of South Africa. Seeds presented by D. J. Gardner, Agricultural Attaché, Legation of the Union of South Africa, Washington, D. C. Received Sept. 19, 1946.

From the Potchefstroom Research Center, Potchefstroom, western Transvaal.

155966. *45M-1*.

155976. *45M-13*.

155967. *45M-2*.

155977. *45M-14*.

155968. *45M-3*.

155978. *45M-15*.

155969. *45M-4*.

155979. *45M-16*.

155970. *45M-5*.

155980. *45M-17*.

155971. *45M-6*.

155981. *45M-18*.

155972. *45M-7*.

155982. *45M-19*.

155973. *45M-10*.

155983. *45M-20*.

155974. *45M-11*.

155984. *45M-21*.

155975. *45M-12*.

155985. *45M-22*.

155986 to 155992.

From the eastern Carolines. Seeds presented by George L. McColm, Emporia, Kans. Received July 19, 1946.

From Ponape Island.

155986. *CEIBA PENTANDRA* (L.) Gaertn. Bombacaceae.

Kapok.

155987. *COELOCOCCUS AMICARUM* (Wendl.) W. F. Wight. Phoenicaceae.

Ivory nut.

155988. *GOSSYPIUM*. Malvaceae.

Cotton.

155989 and 155990. *ORYZA SATIVA* L. Poaceae.

Rice.

155989. Upland.

155990. Paddy.

155991. *VIGNA SINENSIS* (Tonner) Savi. Fabaceae.

Cowpea.

155992. *ZEA MAYS* L. Poaceae.

Corn.

Ponape.

155993 and 155994. PASPALUM spp. Poaceae.

From Brazil. Seeds collected by J. R. Swallen, United States National Museum, Washington, D. C. Received Sept. 12, 1946.

From Campo Grande, Mato Grosso.

155993. *PASPALUM NOTATUM* Fluegge. Poaceae.

Bahia grass.

155994. *PASPALUM PANICULATUM* L.

155995 to 155999.

From Hungary. Seeds presented by H. Le Bovit, Agricultural Attaché, American Embassy, Budapest. Received Sept. 11, 1946.

155995 and 155996. *ABUTILON THEOPHRASTI* Medic. Malvaceae.

155995. No. 1.

155996. No. 2.

155997. *BETA VULGARIS* L. Chenopodiaceae.

Beet.

155998. *MALVA CRISPA* L. Malvaceae.

155999. *MALVA* sp.

156000 to 156005.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Sept. 12, 1946.

156000. *ANTHOSCHMIDTIA BULBOSA* (Stapf) Peter. Poaceae.

156001. *ENNEAPOGON CENCHROIDES* (Licht.) C. E. Hubb. Poaceae

156002. *CHLORIS VIRGATA* Swartz. Poaceae.

156003. *ERAGROSTIS OBTUSA* Munro. Poaceae.

156004. *ERAGROSTIS POROSA* Nees.

156005. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae.

Natal grass.

156006 to 156009. TRIFOLIUM SUBTERRANEUM L. Fabaceae.

Subterranean clover.

From Australia. Seeds purchased from F. H. Brunning Pty. Ltd., Melbourne. Received Sept. 24, 1946.

156006. *Late Tallerook.*

156007. *Mid Season Mt. Barker.*

156008. *Bacchus Marsh.* Early flowering.

156009. *Extra Early Dwalganup.*

156010. PERSEA LINGUE (Ruiz. & Pav.) Nees. Lauraceae. Lingue.

From Chile. Seeds presented by René Jouannet, El Pinar Estate, Traiguén. Received Sept. 24, 1946.

A tall, leafy tree, with smooth, ash-red bark. The flexible, fibrous, durable lumber is used for furniture, and the bark is used for tanning leather.

156011. CANNA sp. Cannaceae.

From New Hampshire. Seeds presented by Robert V. Beals, Conway. Received Sept. 25, 1946.

Originally from New Guinea.

156012 to 156016. AVENA spp. Poaceae.

From the Soviet Union. Seeds presented by Valentine Talanova, Department of Plant Introduction, Lenin Academy of Agricultural Sciences, Leningrad. Received Sept. 17, 1946.

156012 and 156013. *AVENA SATIVA* var. *ARISTATA* Schlecht. Poaceae.

156012 to 156016—Continued

156012. *Myraj No. 7912*. Falensky Plant Breeding Station, Kyrov District.

156013. *Moskowsky A-315*. Moscow Plant Breeding Station.

156014 and 156015. *AVENA SATIVA* L.

Oats.

156014. *Kharkov 596*. Kharkov Plant Breeding Station, Kharkov District.

156015. *Verchatchsky 53*. Verchnyatchsky Plant Breeding Station, Kiev District.

156016. *AVENA SATIVA* VAR. *MUTICA* Schlecht.

Shatilovsky 56. Shatilovsky Plant Breeding Station, Tula District.

156017 to 156042.

From the Belgian Congo. Seeds presented by the American Consul General, Leopoldville. Received Sept. 18, 1946.

156017. *SORGHUM SUDANENSE* (Piper) Stapf. Poaceae. Sudan grass.
E-18.

156018 to 156042. *SORGHUM VULGARE* Pers.

156018. E-22.

156019. E-23.

156020. E-24. Fo.

156021. E-25. Uganda F-15.

156022. E-26. Uganda L1.

156023. E-27. Sp. 14.

156024. E-28. Andsbalia Local 5.

156025. E-29. Alojondo × Mundu Smeat.

156026. E-30. Yodo White × Red Acholi sp. 12.

156027. E-31. Lwel (Denka).

156028. E-32. Yodo (Kalika Legware).

156029. E-33. Line 5 Sp. 13 Local.

156030. E-34. Red Losingo (Ferret).

156031. E-35. Huria Nube Mountains.

156032. E-36. Uganda G.F.

156033. E-37. Mabir (Dinka).

156034. E-38. Zori (Kakura).

156035. E-39. Kurgi yellow.

156036. E-40. Ndala.

156037. E-41. Uganda Durq K6.

156038. E-42. Uganda Durq 61.

156039. E-43. Koko (Kaliko).

156040. E-44. Nilimili Nuba Mountains.

156041. E-45. Blanc Mundu.

156042. E-46. Andalia Red.

156043 to 156106.

From southern Africa. Seeds presented by Dr. L. E. Codd, Union Department of Agriculture, Pretoria. Received Sept. 12, 1946.

156043. *UROCHLOA TRICHOPUS* (Hochst.) Stapf. Poaceae.

No. 1674. Kalahari, Bechuanaland.

156044. *BRACHIARIA HUMIDICOLA* (Rendle) Schweick. Poaceae.

No. 1641. Rhodesia.

156045. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitchc. & Chase. Poaceae.

No. 108. Nata River, Bechuanaland.

156046. *ERAGOSTIS BARBINODIS* Hack. Poaceae.

No. 56. Pretoria, Transvaal.

156047. *ERAGOSTIS CHLOROMELAS* Steud.

No. 1761. Pretoria, Transvaal.

156048. *ERAGOSTIS CURVULA* (Schrad.) Nees.

No. 2038. Utrecht, Natal.

156049. *ERAGOSTIS SUPERBA* Peyt.

No. 20. Pretoria, Transvaal.

156050. *ERAGOSTIS* sp.

No. 27. Pretoria, Transvaal.

156051. *ERAGOSTIS* sp.

No. 1379. Vereeniging, Transvaal.

156052. *ERAGOSTIS* sp.

No. 1759. Pretoria, Transvaal.

156053. *ERAGOSTIS* sp.

No. 1984. Nkandhula, Zululand.

156054. *ERAGOSTIS* sp.

No. 1988. Mbabane, Swaziland.

156055. *GLYCINE JAVANICA* L. Fabaceae.

No. 1448. Southern Rhodesia.

156056. *HORDEUM* sp. Poaceae.

No. 2026. Originally from Uruguay.

156057. *OPTOPTERA BURCHELLII* DC. Fabaceae.

No. 1483. Matlabas, northern Transvaal. A bushy perennial with rigid branches and trifoliate leaves. The rigid, ovate-lanceolate leaves are 1 to 2 inches long, and the small purple flowers are on peduncles 3 to 5 inches long. Native to South Africa.

156058 to 156069. *PANICUM COLORATUM* L. Poaceae.

156058. *No. 122.* Hammanskraal, Transvaal.

156059. *No. 168.* Makarikari, Bechuanaland.

156060. *No. 333.* Ubomba, Transvaal.

156061. *No. 334.* Komatipoort, Transvaal.

156062. *No. 335.* Swaziland.

156063. *No. 361.* Danspan, Transvaal.

156064. *No. 412.* Hammanskraal, Transvaal.

156043 to 156106—Continued

156065. *No. 555.* Louis Trichardt, Transvaal.
156066. *No. 615.* Masama, Bechuanaland.
156067. *No. 616.* Towani, Bechuanaland.
156068. *No. 617.* Northern Rhodesia.
156069. *No. 1158.* Kabulabula, Ngamiland.
- 156070 and 156071. *PANICUM DEUSTUM* Thunb.
156070. *No. 120.* Hammanskraal, Transvaal.
156071. *No. 371.* Elim Hospital, Transvaal.
- 156072 to 156080. *PANICUM MAXIMUM* Jacq. **Guinea grass.**
156072. *No. 23.* Transvaal.
156073. *No. 164.* North Coast, Natal.
156074. *No. 321.* Louis Trichardt, Transvaal.
156075. *No. 341.* Mlattele Location, Transvaal.
156076. *No. 508.* Komatipoort, Transvaal.
156077. *No. 608.* Little Brak River, Cape Province.
156078. *No. 832.* Rhodesia.
156079. *No. 1164.* Ngamiland.
156080. *No. 1676.* Chobela, Portuguese East Africa.
156081. *PANICUM* sp.
- No. 56.* Transvaal.
156082. *PANICUM MINUS* var. *PLANIFOLIUM* Stapf.
- No. 84.* Cape Province.
156083. *PASPALUM DILATATUM* Poir. **Poaceae.**
- No. 2029.* Originally from Uruguay.
156084. *PASPALUM SCROBICULATUM* L.
- No. 1327.* Ngamiland.
156085. *PENNISETUM VILLOSUM* R. Br.
- No. 1646.* Originally from India.
- 156086 and 156087. *SETARIA SPHACELATA* (Schum.) Stapf & Hubb. **Poaceae.**
156086. *No. 1191.* Kazungula, Northern Rhodesia.
156087. *No. 1192.* Kazungula, Northern Rhodesia.
156088. *SETARIA TENUISETA* De Wit. **Poaceae.**
- No. 1187.* Ngamiland.
156089. *SORGHUM ARUNDINACEUM* (Willd.) Stapf. **Poaceae.**
- No. 1063.* Originally from Australia.
156090. *SORGHUM VERTICILLIFLORUM* (Steud.) Stapf.
- No. 2182.* Kimberley.
156091. *SORGHUM* sp.
- No. 649.* Originally from Australia.
156092. *SPOROBOLUS CAPENSIS* (Willd.) Kunth. **Poaceae.**
- No. 569.* Magut, Zululand.

156043 to 156106—Continued

- 156093 and 156094. *SPOROBOLUS FIMBRIATUS* Nees.
 156093. No. 119. Hammenskraal, Transvaal.
 156094. No. 1689. Middelburg, Cape Province.
- 156095 and 156096. *SPOROBOLUS FIMBRIATUS* var. *LATIFOLIUS* Stent.
 156095. No. 1996. Pretoria, Transvaal.
 156096. No. 218. Zebediela, Transvaal.
- 156097 and 156098. *SPOROBOLUS SMUTSII* Stent. Poaceae.
 156097. No. 165. Magut, Zululand.
 156098. No. 485. Du Toitskraal, Transvaal.
156099. *TETRACHNE DREGEI* Nees. Poaceae.
 No. 1688. Middelburg, Cape Province.
156100. *UROCHLOA PULLULANS* Stapf. Poaceae.
 No. 128. Hammanskraal, Transvaal.
156101. *UROCHLOA TRICHOPUS* (Hochst.) Stapf.
 No. 570. Rhodesia.
156102. *UROCHLOA* sp.
 No. 425. Pretoria, Transvaal.
156103. *UROCHLOA* sp.
 No. 426. Dongola, Transvaal.
- 156104 to 156106. *UROCHLOA TRICHOPUS* (Hochst.) Stapf.
 156104. No. 427. Olifants River, Transvaal.
 156105. No. 705. Nongoma, Zululand.
 156106. No. 1422. Greytown, Natal.
- 156107 and 156108. *SACCHARUM*. Poaceae. **Sugarcane.**
 From the Fiji Islands. Cuttings presented by R. W. Harman, Colonial Sugar Refining Co., Sydney, New South Wales, Australia. Received Sept. 27, 1946.
156107. *Ajax*.
 156108. *Badila*.
156109. *FICUS ROXBURGHII* Wall. Moraceae.
 From India. Seeds presented by David Fairchild, Coconut Grove, Fla. Received Sept. 27, 1946.
 Originally from the Forest Research Institute, Dehra Dun, United Provinces, India.
- 156110 to 156528. *SORGHUM* spp. Poaceae.
 From eastern Africa. Seeds presented by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Sept. 27, 1946.
 The symbols GB, GN, and SW, used in the following notes, signify green midrib, grain, and sweet-stemmed, respectively. Collected in 1946.
- 156110 to 156117. From Tanganyika.
 156110. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.
 No. 781. From 44 miles north of Kilosa. March 19, 1946.
 156111. *SORGHUM BIPENNATUM* (Hack.) Kuntze.
 No. 782. From 35 miles north of Kilosa.

156110 to 156528—Continued

156112. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 782. From 30 miles south of Kilosa. March 20.

156113. *SORGHUM* sp.

No. 789. Near Igawa. March 22.

156114. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 790. Near Igawa; odd form 10 feet high.

156115 to 156117. *SORGHUM VULGARE* Pers.

156115. No. 792. From 70 miles east of Mbeya.

156116. No. 794.

156117. No. 795.

156118 to 156167. From Northern Rhodesia.

156118. *SORGHUM* sp.

No. 805. From 46 miles south of Broken Hill.

156119. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 806. From 49 miles south of Broken Hill.

156120 and 156121. *SORGHUM VULGARE* Pers.

156120. No. 820. *Mpakaamumo*. From 15 miles south of Ndola. GN.
April 1.

156121. No. 824. *Bwalimbo*. Mkushi. GN.

156122. *SORGHUM BIPENNATUM* (Hack.) Kuntze.

No. 827. From 14 miles north of Broken Hill.

156123 to 156142. *SORGHUM VULGARE* Pers.

156123 to 156126. Mixed varieties from native market, Lusaka. April 8.

156123. No. 828A.

156125. 828C.

156124. No. 828B.

156126. 828D.

156127. No. 844. *Maila*. From 40 miles north of Livingstone. GN.

156128 to 156130. Zimba and vicinity. GN.

156128. No. 847. *Mase*.

156129. No. 850.

156130. No. 851.

156131 to 156133. Kalomo and vicinity. April 10.

156131. No. 855. *Misali*. SW.

156132. No. 856. *Maila*. GN.

156133. No. 858. *Maila Futeno*. GN.

156134. No. 868A. Near Choma. GN.

156135. No. 868C. Near Choma. GN.

156136 to 156138. *Maila*. Monze and vicinity. GN.

156136. No. 876.

156137. No. 880.

156138. No. 881.

156139 to 156142. Mazabuka and vicinity.

156139. No. 893. GN.

156141. No. 890. *Musali*. SW.

156140. No. 899. *Maila*. GN.

156142. No. 900. *Maila*. GN.

156110 to 156528—Continued

156143. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 902. Near Mazabuka.

156144 to 156151. *SORGHUM VULGARE* Pers.

156144. No. 905. From 30 miles east of Mazabuka. GN.

156145. No. 906. From 30 miles east of Mazabuka. GN.

156146. No. 911. *Itera*. Near Kafue Ferry.

156147. No. 912. *Musali*. Near Kafue Ferry. SW.

156148 to 156151. Lusaka and vicinity. GN. April 12.

156148. No. 913. *Chirundu*. Red.

156149. No. 913A. Yellow.

156150. No. 913B. White.

156151. No. 916. *Maila*.

156152. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 929. From 3 miles west of Rufunsa.

156153 to 156158. *SORGHUM VULGARE* Pers.

156153 to 156158. Rufunsa and vicinity. April 13.

156153. No. 935. *Maila*. GN.

156154. No. 937. *Misali*. SW.

156155. No. 938. *Cambiembo*. GN.

156156. No. 943. *Misali*. SW.

156157. No. 948.

156158. No. 955. *Kisumbu*. GN.

156159 and 156160. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

156159. No. 957. Near Beit Bridge east of Rufunsa.

156160. No. 965. Near Minga. SW.

156161 to 156167. *SORGHUM VULGARE* Pers.

156161 to 156164. Minga and vicinity.

156161. No. 966. *Mpiera*. GN.

156162. No. 968. *Mpiera*. GN.

156163. No. 981. *Sombia*.

156164. No. 990. *Sombia*. GN.

156165. No. 996. *Pande*. Kapra Smudge House north of Fort Jameson. GN.

156166. No. 1006. *Kamyanga*. Near Fort Jameson. GN.

156167. No. 1012. *Mapira*. Fort Jameson. GN. April 17.

156168 to 156281. From Nyasaland.

156168 to 156173. *SORGHUM VULGARE* Pers.

156168. No. 1021. From 8 miles east of Fort Manning. GN.

156169. No. 1024. *Sumbwi*. From 30 miles east of Fort Manning.

156170. No. 1047. From 32 miles northeast of Lilongwe. GN.

156171. No. 1052. *Misali*. Near Salima. Very slender. SW.

156172. No. 1073. *Mbalwe*. From 7 miles east of Natenje.

156173. No. 1105. From 22 miles southeast of Dedza. GN.

156110 to 156528—Continued

156174. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1121. *Saje*. North of Blantyre.

156175 to 156187. *SORGHUM VULGARE* Pers.

156175 to 156179. From 20 miles north of Lilongwe. April 25.

156175. No. 1123. *Mapiera*.

156176. No. 1157. SW.

156177. No. 1158. SW.

156178. No. 1159. GN.

156179. No. 1160. Shedding, hybrid.

156180 to 156185. From 23 miles north of Lilongwe.

156180. No. 1161. *Neseguku*. SW. 156183. No. 1164. SW.

156181. No. 1162. SW. 156184. No. 1165. GN.

156182. No. 1163. 156185. No. 1166. GN.

156186. No. 1167. *Chiwisi*. Neno. April 26.

156187. No. 1178. *Mapira*. Limbe. Shattering, hybrid. April 29.

156188. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1184. From 20 miles north of Chiromo.

156189 to 156281. *SORGHUM VULGARE* Pers.

156189. No. 1186. From 17 miles north of Chiromo. GN.

156190. No. 1187. From 17 miles north of Chiromo. GN.

156191. No. 1199B. From 19 miles north of Zomba. SW.

156192. No. 1213. *Sarakuimbe*. From 61 miles north of Zomba. GN.

156193 to 156203. Fort Johnston and vicinity. May 3.

156193. No. 1220. SW.

156194. No. 1223. GN.

156195. No. 1225. GN.

156196. No. 1226. GN.

156197. No. 1227. GB, SW.

156198. No. 1228. *Nondongi*. Inspid.

156199. No. 1229. *Mckotta*. SW.

156200. No. 1230. *Mckotta*. SW.

156201. No. 1230A. SW

156202. No. 1231. *Wantundu, Wantipudu*. GN.

156203. No. 1232. SW.

156204 to 156213. Balaka and vicinity.

156204. No. 1234. SW. 156209. No. 1243. *Mckotta*. SW.

156205. No. 1235. SW. 156210. No. 1244. *Mckotta*. SW.

156206. No. 1236. GN. 156211. No. 1244A.

156207. No. 1241. *Mckotta*. 156212. No. 1245. *Mckotta*. SW.

156208. No. 1242. *Mckotta*. 156213. No. 1246. GN.

156214. No. 1247. North of Mlengeni, 4 000 feet altitude. SW.

156110 to 156528—Continued

- 156215 to 156221. Near Dedza, 4,500 feet altitude.
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| 156215. No. 1248. SW. | 156219. No. 1251. SW. |
| 156216. No. 1249. SW. | 156220. No. 1252. GN. |
| 156217. No. 1250. SW. | 156221. No. 1254. GN. |
| 156218. No. 1250A. SW. | |
- 156222 to 156227. Near Lilongwe. May 7.
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|-----------------------|-----------------------|
| 156222. No. 1255. GN. | 156225. No. 1256B. |
| 156223. No. 1256. SW. | 156226. No. 1257. SW. |
| 156224. No. 1256A. | 156227. No. 1257. SW. |
- 156228 to 156230. Near Mponela Village.
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|---------------------------------------|
| 156228. No. 1259. GB. |
| 156229. No. 1261. SW. |
| 156230. No. 1262. <i>Misali</i> . SW. |
- 156231 to 156242. Near Kasungu.
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| 156231. No. 1263. SW. |
| 156232. No. 1264. <i>Chungwa</i> . GN. |
| 156233. No. 1265. GN. |
| 156234. No. 1266. SW. |
| 156235. No. 1267. GB. |
| 156236. No. 1268. GN. |
| 156237. No. 1269. <i>Mapera</i> . GB, GN. |
| 156238. No. 1270. SW. |
| 156239. No. 1271. |
| 156240. No. 1272. SW. |
| 156241. No. 1272A. |
| 156242. No. 1273. SW. |
- 156243 to 156258. Near Mzimba. May 8.
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| 156243. No. 1274. SW. |
| 156244. No. 1275. SW. |
| 156245. No. 1276. GB. |
| 156246. No. 1277. SW. |
| 156247. No. 1278. GN. |
| 156248. No. 1279. SW. |
| 156249. No. 1280. SW. |
| 156250. No. 1281. SW. |
| 156251. No. 1281A. |
| 156252. No. 1282. <i>Nefee</i> . Compact head, GN. |
| 156253. No. 1283. SW. |
| 156254. No. 1284. SW. |
| 156255. No. 1284A. |
| 156256. No. 1285. <i>Ngehu</i> . SW. |
| 156257. No. 1286. <i>Ndomba</i> . Hybrid. |
| 156258. No. 1287. SW. |

156110 to 156528—Continued

156296. No. 1326. *Sali*.
156297. No. 1327. *Sonkwe*. GN.
156298. No. 1328. *Sonkwe*. GN.
156299. No. 1328A. *Sali*. GN.
156300. No. 1328B. *Kawali*. GN.
156301. No. 1329. *Nkona*. Twin-seeded. GN.
156302. No. 1330. *Nampundu*. Twin-seeded. SW.
156303. No. 1331. *Sali*. GB, SW.
156304. No. 1332. *Sali*. GB, SW.
- 156305 to 156317. Near Lunzua. May 14.
156305. No. 1334. *Masaka*. GN.
156306. No. 1335. *Masaka*.
156307. No. 1336. *Masaka*.
156308. No. 1337. *Masaka*.
156309. No. 1338. Twin-seeded. GN.
156310. No. 1339. *Sonkwe*.
156311. No. 1340. *Sonkwe*.
156312. No. 1341. *Sonkwe*.
156313. No. 1342. *Sonkwe*.
156314. No. 1343. *Sonkwe*.
156315. No. 1344. *Sonkwe*.
156316. No. 1345. *Sonkwe*.
156317. No. 1346. SW.
- 156318 to 156332. From the Senga people, near Polombwe.
156318. No. 1347. *Kanchebele*. Early. GN.
156319. No. 1348. *Watunda*. Late. GN.
156320. No. 1349. *Sumbu*. Pink, long-awned.
156321. No. 1349B. *Sumbu*. Pink, medium-awned. GN.
156322. No. 1349C. *Sumbu*. Pink, awnless.
156323. No. 1350. *Nampundu*. White, twin-seeded. GN.
156324. No. 1351. *Misali Ya Matete*. Perennial. SW.
156325. No. 1352. *Chimbowe*. Perennial. SW.
156326. No. 1353. *Chimpamba*. White, perennial. GN.
156327. No. 1354. *Masaka*. Hairy, awnless. GN.
156328. No. 1354B. *Masaka*. Awned. GN.
156329. No. 1354C. *Masaka*. Awnless. GN.
156330. No. 1355. *Kapupu*. Good stooling, perennial. GN.
156331. No. 1356. *Kamunde Chawama*. GB.
156332. No. 1357. *Kanchebele*. GN.
156333. No. 1358. Originally from the Union of South Africa.
156334. No. 1359. Near Mpulungu. GN. May 14.
156335. No. 1360. Near Senga Hill. GB. May 15.

156110 to 156528—Continued

156336. No. 1361. Near Senga Hill. Twin-seeded, GB.
 156337. No. 1362. Near Kapatu Mission. GN.
 156338. No. 1363. Near Kapatu Mission. GN.
 156339. No. 1364. *Masaka*. From 10 miles west of Mporokoso. GN.
 May 16.
 156340. No. 1365. Near Chimpempe Mission. GN.
 156341. No. 1366. *Fisali*. Chimpempe Mission. Perennial, SW.
 156342 to 156346. Near Johnston Falls.
 156342. No. 1369. GB. 156345. No. 1372. GN. May 18.
 156343. No. 1370. SW. 156346. No. 1373. GN.
 156344. No. 1371. *Sonkwe*. GN.
 156347 to 156349. Near Fort Rosebery. May 20.
 156347. No. 1374. GN.
 156348. No. 1375. GN.
 156349. No. 1376. GB.
 156350 to 156352. Near Kasama. May 21.
 156350. No. 1377. GN.
 156351. No. 1378. SW.
 156352. No. 1379. GN.
 156353 to 156356. Near Mbesuma.
 156353. No. 1380. *Masaka*. GN. 156355. No. 1382. *Masaka*.
 156354. No. 1381. *Masaka*. 156356. No. 1383. *Sonkwe*. GN.
 156357 to 156528. From Tanganyika.
 156357 to 156397. *SORGHUM VULGARE* Pers.
 156357 to 156361. Near Isoka. May 22.
 156357. No. 1384. GN. 156360. No. 1387. GN.
 156358. No. 1385. GN. 156361. No. 1388. GB.
 156359. No. 1386. GN.
 156362 to 156373. Near Tunduma.
 156362. No. 1389. GN.
 156363. No. 1390. GN.
 156364. No. 1391. GN.
 156365. No. 1392. GN.
 156366. No. 1393.
 156367. No. 1394. GN.
 156368. No. 1395. SW.
 156369. No. 1396. SW.
 156370. No. 1397. GN.
 156371. No. 1398. GN.
 156372. No. 1399. Twin-seeded.
 156373. No. 1400. Twin-seeded. SW.

156110 to 156528—Continued

156374 to 156378. Near Mbeya. May 25.

156374. No. 1401. *Tokatock*. Hybrid.

156375. No. 1402. GN.

156376. No. 1403. *Badua*. GN.

156377. No. 1404. GN.

156378. No. 1405. Late. GN.

156379 to 156390. Near Mbeya.

156379. No. 1410. GN.

156380. No. 1411. Red. GN.

156381. No. 1412. *Ualaizy*. GN.156382. No. 1413. *Ualaizy*. Hairy-glumed.

156383. No. 1414. GN.

156384. No. 1415. GN.

156385. No. 1416. GN.

156386. No. 1417. GN.

156387. No. 1418. GN.

156388. No. 1419. *Savala*. GN.156389. No. 1420. *Hukata*. GN.

156390. No. 1421. GN.

156391 to 156397. Near Iringa. May 29.

156391. No. 1425. GN.

156395. No. 1429. GN.

156392. No. 1426. GN.

156396. No. 1430. *Mindiri*.

156393. No. 1427. GN.

156397. No. 1431. *Sanyangay*.

156394. No. 1428. SW.

156398. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1432. From 60 miles north of Iringa.

156399. *SORGHUM*.

No. 1433. From 60 miles north of Iringa.

156400 to 156466. *SORGHUM VULGARE* Pers.

156400 to 156408. Near Iringa.

156400. No. 1434. GN.

156401. No. 1435. GB.

156402. No. 1436. GB, SW.

156403. No. 1437. *Sanda*.156404. No. 1438. *Hemba Hemba*. SW.156405. No. 1439. *Sanyagie*. SW.156406. No. 1440. *Mukumbuqua*.

156407. No. 1441. GN.

156408. No. 1442. GN.

156409 to 156417. Near Dodoma. May 30.

156409. No. 1443.

156110 to 156528—Continued

156410. No. 1444. 156414. No. 1448.
 156411. No. 1445. 156415. No. 1449. *Rugugu*.
 156412. No. 1446. 156416. No. 1450.
 156413. No. 1447. 156417. No. 1452. GN.
- 156418 to 156431. Near Kondoa Irangi.
 156418. No. 1453. *Loho*.
 156419. No. 1454. *Odu*.
 156420. No. 1455. *Uhemba*.
 156421. No. 1456. *Luhu*.
 156422. No. 1457. *Uto*. SW.
 156423. No. 1458. *Iswa*. SW.
 156424. No. 1459. *Movari*. GB.
 156425. No. 1460. GN.
 156426. No. 1461. GB.
 156427. No. 1462. *Upemba*. GB.
 156428. No. 1463. *Bewa*.
 156429. No. 1464. *Hudo*.
 156430. No. 1465. *Langa Langa*.
 156431. No. 1466. GB.
156432. No. 1467. *Hudo*. From 19 miles north of Kolo.
 156433. No. 1468. *Kirangase*. GB. May 31.
 156434. No. 1469. *Mongoret*. Near Ndareda.
 156435 to 156442. From 28 miles northeast of Singida.
 156435. No. 1470. *Opemba Nonpha*.
 156436. No. 1471. *Tora*.
 156437. No. 1472. *Pemba*.
 156438. No. 1473. *Langa Langa*.
 156439. No. 1474. *Solu*.
 156440. No. 1475.
 156441. No. 1476.
 156442. No. 1477.
- 156443 to 156449. Near Singida. June 1.
 156443. No. 1478.
 156444. No. 1479. *Solu*.
 156445. No. 1480. *Langa Langa*.
 156446. No. 1481. *Mwelu*.
 156447. No. 1482. *Kanbolya*.
 156448. No. 1483. *Mgalima*.
 156449. No. 1484. *Ngolongo Muelupe*. SW.
- 156450 to 156466. Iguguno farm near Kinyangiri.
 156450. No. 1485. *Mwelu*.
 156451. No. 1487. *Suliyu*.

156110 to 156528—Continued

- 156452. No. 1488. *Mgalima*.
- 156453. No. 1488A.
- 156454. No. 1489. *Nkolongo Pumbu la Mpoku*.
- 156455. No. 1490. *Mkombi Lila*. SW.
- 156456. No. 1491. *Nkolongo Hyonio la Ngaa*.
- 156457. No. 1491A.
- 156458. No. 1492. *Muleta*.
- 156459. No. 1493. *Ikakela*.
- 156460. No. 1493A.
- 156461. No. 1494. *Mpala*.
- 156462. No. 1495. *Kilima Musimbi*.
- 156463. No. 1496. GB.
- 156464. No. 1497. SW.
- 156465. No. 1498. *Nkolongo*.
- 156466. No. 1499. Twin-seeded.

156467. *SORGHUM ARUNDINACEUM* (Willd.) Stapf.

No. 1500. *Magugu*. Iguguno farm near Kinyangiri.

156468 to 156528. *SORGHUM VULGARE* Pers.

156468 to 156486. Near Kinyangiri.

- 156468. No. 1501. *Katembe*.
- 156469. No. 1502. *Kiaka*.
- 156470. No. 1503. *Welu*.
- 156471. No. 1504. *Mpala We Kundu*.
- 156472. No. 1505. *Milu*.
- 156473. No. 1506. *Nkolongo Tupa*.
- 156474. No. 1506A.
- 156475. No. 1507. *Nkolongo Tupa*.
- 156476. No. 1508. *Katembe*.
- 156477. No. 1509. *Nusute Suligu*.
- 156478. No. 1510. *Nkasa*.
- 156479. No. 1511. *Mwelu*.
- 156480. No. 1512. *Matudi Mangombe*.
- 156481. No. 1513. *Mpala*.
- 156482. No. 1514. *Mwelu*.
- 156483. No. 1515.
- 156484. No. 1516. *Langa Langa*.
- 156485. No. 1517. *Kikuna Nizila*. GN.
- 156486. No. 1518. *Mwita*. GN.

156487 to 156490. Near Itigi. June 2.

- 156487. No. 1519. 156489. No. 1521. GN.
- 156488. No. 1520. 156490. No. 1522. *Opemba*. SW.

156110 to 156528—Continued

156491 to 156504. Mwanhala. June 5.

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| 156491. No. 1523. GN. | 156498. No. 1530. <i>Kagiri.</i> |
| 156492. No. 1524. <i>Magohe.</i> GN. | 156499. No. 1531. <i>Kagiri.</i> GN. |
| 156493. No. 1525. <i>Magohe.</i> GN. | 156500. No. 1532. <i>Kagiri.</i> GN. |
| 156494. No. 1526. <i>Magohe.</i> GN. | 156501. No. 1533. <i>Kagiri.</i> GN. |
| 156495. No. 1527. <i>Magohe.</i> GN. | 156502. No. 1534. <i>Kagiri.</i> GN. |
| 156496. No. 1528. <i>Magohe.</i> GN. | 156503. No. 1535. <i>Kagiri.</i> GN. |
| 156497. No. 1529. <i>Magohe.</i> GN. | 156504. No. 1536. SW. |

156505. No. 1537. North of Nzega. GN.

156506 to 156512. Near Shinango. June 6.

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| 156506. No. 1538. <i>Wilu Wa Makaki.</i> GB. |
| 156507. No. 1539. <i>Bukula.</i> Red. GN. |
| 156508. No. 1540. GN. |
| 156509. No. 1541. GN. |
| 156510. No. 1542. GB. |
| 156511. No. 1543. GN. |
| 156512. No. 1544. GN. |

156513 to 156519. From 25 miles east of Mwanza. GN. June 7.

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| 156513. No. 1545. | 156517. No. 1548. |
| 156514. No. 1545A. | 156518. No. 1549. |
| 156515. No. 1546. | 156519. No. 1550. |
| 156516. No. 1547. | |

156520 to 156525. Near Musoma. GN. June 7.

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| 156520. No. 1551. | 156523. No. 1555. |
| 156521. No. 1552. Twin-seeded. | 156524. No. 1556. |
| 156522. No. 1553. | 156525. No. 1557. |

156526. No. 1558. Near Tarime. GN. June 8.

156527. No. 1559. Near Tarime. GN.

156528. No. 1579.

156529 to 156549.

From Southern Rhodesia. Seeds presented by the Director, Department of Agriculture, Salisbury. Received Aug. 20, 1946.

Material is from Southern Rhodesia unless otherwise mentioned.

156529. BRACHIARIA DICTYONEURA (Fig. & De Not.) Stapf. Poaceae.

156530 and 156531. CHLORIS GAYANA Kunth. Poaceae.

Rhodes grass.

156530. *Giant Rhodes Grass.*156531. *Hunyani Grass.*

156532. CROTALARIA sp. Fabaceae.

Vkara Island. From *Vkara Island*, Lake Victoria Nyanza, Tanganyika.

156529 to 156549—Continued

156533. CROTALARIA DILLONIANA Baker.

156534. CROTALARIA RECTA A. Rich.

156535. CROTALARIA sp.

156536. GLYCINE JAVANICA L. Fabaceae.

156537. INDIGOFERA ENDECAPHYLLA Jacq. Fabaceae.

Indigo.

156538. INDIGOFERA HIRSUTA L.

156539. INDIGOFERA THEUSCHII O. Hoffm.

156540. PANICUM COLORATUM L. Poaceae.

156541 to 156545. PANICUM MAXIMUM Jacq.

Guinea grass.

156541. *Common Buffel.*156544. *Purple Top Buffel.*156542. *Red Top Buffel.*156545. *Coarse Guinea.*156543. *Fine Guinea.*

156546. PENNISETUM CILIARE (L.) Link. Poaceae.

156547. SETARIA LONGISETA Beauv. Poaceae.

156548. SETARIA SPELNDDA Stapf.

156549. SOBGHUM ARUNDINACEUM (Willd.) Stapf. Poaceae.

156550. PUERARIA PHASEOLOIDES (Roxb.) Benth. Fabaceae.

From India. Seeds presented by W. F. Dickson, Agricultural Adviser, Office of the Commissioner, New Delhi. Received Sept. 25, 1946.

Collected in Ceylon.

156551 to 156554.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received Sept. 25, 1946.

156551. (Undetermined.)

T. M. 1325.

156552. RUBUS sp. Rosaceae.

T. M. 856. A blackberry with large drupelets.

156553. RUBUS sp.

T. M. 1315. A reddish blackberry.

156554. RUBUS sp.

T. M. 1431. A black raspberry.

156555 to 156617. EUCALYPTUS spp. Myrtaceae.

From Guatemala. Seeds presented by William C. Davis, Director, Instituto Agropecuario Nacional, Guatemala City. Received Sept. 19, 1946.

156555. EUCALYPTUS TRIANTHA Link.

No. 564.

156556. EUCALYPTUS AFFINIS Deane & Maiden.

No. 563.

156557. EUCALYPTUS BOTRYOIDES J. E. Smith.

No. 565.

156558. EUCALYPTUS CALOPHYLLA Lindl.

No. 566.

156555 to 156617—Continued

156559. *EUCALYPTUS CAMALDULENSIS* Dehnh.
No. 598.
156560. *EUCALYPTUS CINEREA* F. Muell.
No. 567.
156561. *EUCALYPTUS CLADOCALYX* F. Muell.
No. 570.
156562. *EUCALYPTUS DEALBATA* A. Cunn.
No. 571.
156563. *EUCALYPTUS DIVERSICOLOR* F. Muell.
No. 568.
156564. *EUCALYPTUS EXIMIA* Schauer.
No. 574.
156565. *EUCALYPTUS FICIFOLIA* F. Muell.
No. 575.
156566. *EUCALYPTUS GLOBULUS* Labill. Blue gum.
No. 577.
156567. *EUCALYPTUS HEMIPHLOIA* var. *ALBENS* (Miq.) F. Muell.
No. 562.
156568. *EUCALYPTUS HEMIPHLOIA* F. Muell.
No. 573.
156569. *EUCALYPTUS KIRTONIANA* F. Muell.
No. 580.
156570. *EUCALYPTUS LONGIFOLIA* Link.
No. 582.
156571. *EUCALYPTUS MACARTHURI* Deane & Maiden.
No. 584.
156572. *EUCALYPTUS MACRORHYNCHA* F. Muell.
No. 583.
156573. *EUCALYPTUS MACULATA* Hook.
No. 585.
156574. *EUCALYPTUS MACULOSA* R. T. Baker.
No. 581.
156575. *EUCALYPTUS MAIDENI* F. Muell.
No. 586.
156576. *EUCALYPTUS MICROCOBYS* F. Muell.
No. 589.
156577. *EUCALYPTUS MICROPHYLLA* Willd.
No. 590.
156578. *EUCALYPTUS PANICULATA* J. E. Smith.
No. 591.
156579. *EUCALYPTUS PAUCIFLORA* Sieber.
No. 569.

156555 to 156617—Continued

156580. EUCALYPTUS PILULARIS J. E. Smith.
No. 593.

156581. EUCALYPTUS PIPERITA J. E. Smith.
No. 594.

Tasmanian stringybark.

156582. EUCALYPTUS POPULIFOLIA Desf.
No. 595.

156583. EUCALYPTUS PUNCTATA DC.
No. 576.

156584. EUCALYPTUS RADIATA Sieb.
No. 592.

156585. EUCALYPTUS RESINIFERA J. E. Smith.
No. 597.

156586. EUCALYPTUS ROBUSTA J. E. Smith.
No. 599.

156587. EUCALYPTUS SALIGNA J. E. Smith.
No. 601.

156588. EUCALYPTUS SIDEROPHLOIA Benth.
No. 602.

Broadleaf ironback.

156589. EUCALYPTUS SIDEROXYLON A. Cunn.
No. 603.

156590. EUCALYPTUS SPATHULATA Hook.
No. 605.

156591. EUCALYPTUS STRICTA Sieb.
No. 606.

156592. EUCALYPTUS STUARTIANA F. Muell.
No. 607.

156593. EUCALYPTUS UMBRA R. T. Baker.
No. 609.

156594. EUCALYPTUS VIMINALIS Labill.
No. 610.

156595. EUCALYPTUS sp.
No. 572.

156596. EUCALYPTUS sp.
No. 579. *Jarrah.*

156597. EUCALYPTUS sp.
No. 608.

156598. EUCALYPTUS sp.
No. 611.

156599. EUCALYPTUS sp.
No. 612.

156600. EUCALYPTUS sp.
No. 613.

156555 to 156617—Continued

156601. EUCALYPTUS sp.

No. 614.

156602. EUCALYPTUS sp.

No. 615.

156603. EUCALYPTUS sp.

No. 616.

156604. EUCALYPTUS sp.

No. 617.

156605. EUCALYPTUS sp.

No. 618.

156606. EUCALYPTUS sp.

No. 619.

156607. EUCALYPTUS sp.

No. 620.

156608. EUCALYPTUS sp.

No. 621.

156609. EUCALYPTUS sp.

No. 622.

156610. EUCALYPTUS sp.

No. 623.

156611. EUCALYPTUS sp.

No. 624.

156612. EUCALYPTUS sp.

No. 627.

156613. EUCALYPTUS sp.

No. 628.

156614. EUCALYPTUS sp.

No. 629.

156615. EUCALYPTUS sp.

No. 631.

156616. EUCALYPTUS sp.

No. 633.

156617. EUCALYPTUS sp.

No. 634.

156618. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From China. Seeds presented by the Division of Fruit and Vegetable Crops and Diseases, Plant Industry Station, Beltsville, Md. Received Aug. 28, 1946.

A white-seeded form collected at Tientsin by Dr. H. L. Crane, of the above Division.

156619. GEOGENANTHUS sp. Commelinaceae.

From Peru. Plant obtained from the Estación Experimental Agrícola, Tingo Maria, through Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 14, 1946.

156620 to 156631.

From Siberia. Seeds presented by the Salekhard Experiment Station, through the Office of Foreign Agricultural Relations, Washington, D. C. Received Oct. 7, 1946.

156620. AGROSTIS ALBA L. Poaceae. **Redtop.**

No. 5. *Polevitsa Belaya*.

156621. AVENA SATIVA L. Poaceae. **Oats.**

No. 6. *Tenna*.

156622 and 156623. BRASSICA RAPA L. Brassicaceae. **Turnip.**

156622. No. 8. *Bortfeldski*.

156623. No. 9. *Osterzundski*.

156624. CALAMOGROSTIS LAPPONICA (Wahl.) Hartm. Poaceae.

No. 10. *Veinik*.

156625. DESCHAMPSIA CAESPITOSA (L.) Beauv. Poaceae.

No. 4. *Lugovik*.

156626 to 156628. HORDEUM VULGARE L. Poaceae. **Barley.**

156626. No. 7. *Kholt*.

156627. No. 11. *Olli*.

156628. No. 12. *K-2/14*.

156629. PHALARIS ARUNDINACEA L. Poaceae. **Reed canary grass.**

No. 2. *Kanareechnik*.

156630. POA PALUSTRIS L. Poaceae.

No. 3. *Myatlik bolotni*.

156631. POA PRATENSIS L.

No. 1. *Myatlik lugovoi*.

156632. SACCHARUM. Poaceae. **Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Cane Experiment Stations, Brisbane, Queensland. Received Oct. 15, 1946.

Q-2.

156633 to 156641.

From Japan. Seeds presented by the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Aug. 21, 1946.

Collected in Japan by S. C. Salmon, of the above Division.

156633. AVENA SATIVA L. Poaceae. **Oats.**

Heterozygous fatuoides from variety *Aurora*.

156634 to 156641. TRITICUM AESTIVUM L. Poaceae. **Common wheat.**

156634. *A-Dwarf*.

156638. *E-Dwarf*.

156635. *B-Dwarf*.

156639. *F-Dwarf*.

156636. *C-Dwarf*.

156640. *G-Dwarf*.

156637. *D-Dwarf*.

156641. *Norin No. 10*.

156642 and 156643. ELAEIS GUINEENSIS Jacq. Phoenicaceae.

Oil palm.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Oct. 14, 1946.

156642. *Tenera* × *Dura*.

156643. *Dura* × *Pisifera*.

156644. IRIS sp. Iridaceae.

From Nyasaland. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 9, 1946.

Collected near Fort Hill; possibly an escape.

156645. CARICA PAPAYA L. Papayaceae.**Papaya.**

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo Maria. Received Oct. 24, 1946.

T.M. 1451.

156646. CITRUS LIMON (L.) Burm. f. Rutaceae.**Lemon.**

From Northern Rhodesia. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 9, 1946.

Portuguese lemon, 4 by 6 inches.

156647 and 156648. PISUM SATIVUM L. Fabaceae.**Pea.**

From Africa. Seeds presented by S. A. Samarengo, Asmara, Eritrea. Received Oct. 18, 1946.

156647. *Hamasién*. Native name *Ain Ater*. Altitude 2,000 to 2,500 m.

156648. *Gondar*. Native name *Ater*. Altitude 2,300 to 2,700 m.

156649. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by Aldao, Mantaras, & Castells, Ltda., Montevideo. Received Oct. 28, 1946.

156650 to 156663.

From Siberia. Seeds obtained by Lazar Volin, Office of Foreign Agricultural Relations, United States Department of Agriculture, Washington, D. C. Received Oct. 4, 1946.

156650 to 156652. AVENA SATIVA L. Poaceae.**Oats.**

156650. *Tulun 86/5*. Tulun Selection Station.

156651. *Tulun 86/5*. Sretensk Experiment Station.

156652. *Sakhalin No. 31*. Sakhalin Experiment Station.

156653 to 156659. HORDEUM VULGARE L. Poaceae.**Barley.**

156653. *Viner (Winner)*. Sakhalin Experiment Station.

156654. *Chervonets*. Kamalinsk State Selection Station.

156655 to 156659. From the Tulun Selection Station.

156655. *No. 1411/5*.

156658. *No. 231.37*.

156656. *Zalarinets*.

156659. *No. 741*.

156657. *Tseleste*.

156660. SECALE CEREALE L. Poaceae.**Rye.**

Sakhalin. Sakhalin Experiment Station.

156661 to 156663. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

156661. *Lutestsens No. 22*. Spring wheat, Sakhalin Experiment Station.

156662. *Sakhalin No. 10*. Sakhalin Experiment Station.

156663. *Lutestsens No. 34*. Sakhalin Experiment Station.

156664 to 156668. ARACHIS HYPOGAEA L. Fabaceae.**Common peanut.**

From Uruguay. Seeds presented by the Escuela de Agronomía, San Antonio, Salto. Received Oct. 7, 1946.

156664 to 156668—Continued

156664. *Aceitero Chico de la Zona.* 156667. *Spanish 0344.*
 156665. *Imperial Spanish.* 156668. *Valencia.*
 156666. *Small Spanish.*

156669 to 156671. PHASEOLUS spp. Fabaceae.

From Bolivia. Seeds presented by Humberto Gandarillas, Cochabamba. Received Oct. 8, 1946.

156669. PHASEOLUS LUNATUS L. Lima bean.
No. 30a.

- 156670 and 156671. PHASEOLUS VULGARIS L. Common bean.
 156670. *No. 30.*

156671. *No. 24.*

156672 to 156676. SORGHUM VULGARE Pers. Poaceae.

From eastern Africa. Seeds collected by C. O. Grassl, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 10, 1946.

156672. *Muemba.* Kitui District, Central Province, Kenya.

156673. *No. 1302.* Nyasaland.

156674. *No. 1451.* *Baru.* Tanganyika.

156675. (No notes.)

156676. (No notes.)

156677 and 156678. PINUS spp. Pinaceae.

From the Netherlands. Seeds presented by G. Verkuil, Maarssen. Received Oct. 1, 1946.

156677. PINUS PINASTER Ait. Cluster pine.

156678. PINUS SYLVESTRIS L. Scotch pine.

156679 to 156699. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds obtained from the American Consulate General, Nairobi. Received Oct. 15, 1946.

Collected from the Nsoza District. Selection numbers listed.

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|--------------------------|-------------------------------|
| 156679. <i>No. 1.</i> | 156690. <i>No. 9.</i> |
| 156680. <i>No. 2.</i> | 156691. <i>No. 12.</i> |
| 156681. <i>No. 3.</i> | 156692. <i>No. 14.</i> |
| 156682. <i>No. 4/7a.</i> | 156693. <i>No. 16.</i> |
| 156683. <i>No. 4/7b.</i> | 156694. <i>No. 17a.</i> |
| 156684. <i>No. 4/7c.</i> | 156695. <i>No. 17b.</i> |
| 156685. <i>No. 5.</i> | 156696. <i>No. 17c.</i> |
| 156686. <i>No. 6a.</i> | 156697. <i>Chifungue.</i> |
| 156687. <i>No. 6b.</i> | 156698. <i>Chilunsa.</i> |
| 156688. <i>No. 6c.</i> | 156699. <i>Sweet-stemmed.</i> |
| 156689. <i>No. 8.</i> | |

156700 to 156727.

From Japan. Seeds obtained by E. B. Coffman, Natural Resources Section, GHQ, SCAP, Tokyo. Received Oct. 4, 1946.

156700. BETA VULGARIS L. Chenopodiaceae. Beet.
Fire Ball.

156700 to 156727—Continued

156701 to 156704. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae.	Cabbage.
156701. <i>Copenhagen Market.</i>	156703. <i>Sapporo-Otama.</i>
156702. <i>Golden Acre.</i>	156704. <i>Succession.</i>
156705 and 156706. BRASSICA RAPA L.	Turnip.
156705. <i>Golden Ball.</i>	
156706. <i>Purple Top White Globe.</i>	
156707. CICHORIUM INTYBUS L. Cichoriaceae.	Chicory.
<i>Whitloof.</i>	
156708 to 156710. CUCURBITA MAXIMA Duchesne. Cucurbitaceae.	Squash.
156708. <i>Akakawa Amakuri.</i>	
156709. <i>Kurokawa.</i>	
156710. <i>Nakamura Wase.</i>	
156711 to 156713. DAUCUS CAROTA L. Apiaceae.	Carrot.
156711. <i>Early Chantenay.</i>	
156712. <i>Sapporo Futo (Senko Futo.)</i>	
156713. <i>Sapporo Futo.</i>	
156714 and 156715. LACTUCA SATIVA L. Cichoriaceae.	Lettuce.
156714. <i>Early Spring.</i>	
156715. <i>Wayahead.</i>	
156716 to 156718. LYCOPERSICON ESCULENTUM Mill. Solanaceae.	Tomato.
156716. <i>Break O'Day.</i>	
156717. <i>Fruit.</i>	
156718. <i>Marglobe.</i>	
156719 and 156720. PISUM SATIVUM L. Fabaceae.	Pea.
156719. <i>Dwarf De Grace.</i>	
156720. <i>Thirty-Days.</i>	
156721 to 156723. RAPHANUS SATIVUS L. Brassicaceae.	Radish.
156721. <i>Non Plus Ultra.</i>	
156722. <i>Rapid Red.</i>	
156723. <i>White Icicle.</i>	
156724 to 156727. SPINACIA OLERACEA L. Chenopodiaceae.	Spinach.
156724. <i>Giant Nobel.</i>	156726. <i>Ministerland.</i>
156725. <i>Hollandia.</i>	156727. <i>Viroflay.</i>
156728 to 156740. SORGHUM VULGARE Pers. Poaceae.	
From Tanganyika. Seeds presented by the Department of Agriculture, Mwanza, Lake Province. Received Oct. 18, 1946.	
Collected from the Kwimba District.	
156728. No. 1. <i>Igigo Lya Ng'ombe.</i>	156733. No. 6. <i>Boya Gagi.</i>
156729. No. 2. <i>Machimu.</i>	156734. No. 7. <i>Kabili. Red.</i>
156730. No. 3. <i>Kandi.</i>	156735. No. 8. <i>Kabili. White.</i>
156731. No. 4. <i>Mwanankwimba.</i>	156736. No. 9. <i>Nghone Ya Shishi.</i>
156732. No. 5. <i>Wiru Boya.</i>	156737. No. 10. <i>Ngholonge Tembe.</i>

156728 to 156740—Continued156738. No. 11. *Bambale*.156740. No. 13. *Ngolya*.156739. No. 12. *Ngholongo*.**156741. CITRUS AURANTIFOLIA** (Christm.) Swingle. Rutaceae. **Lime.**From Palestine. Seeds presented by the Agriculture Experiment Station, Rehovoth.
Received Oct. 21, 1946.*Egyptian Lime.***156742. LYCOPERSICON ESCULENTUM** var. **CERASIFORME** (Dun.) A. Gray.
Solanaceae.From Colombia. Seeds presented by Dr. Enrique Mosquera Wallace, Popayán.
Received Nov. 1, 1946.**156743. HYOSCYAMUS MUTICUS** L. Solanaceae.From Egypt. Seeds presented by the Commercial Attaché, American Embassy,
Alexandria. Received Oct. 24, 1946.*Egyptian Henbane.***156744 to 156746.**

From Belgium. Plants presented by H. Stanissoul, Brussels. Received Nov. 7, 1946.

156744 and 156745. *FRAGARIA*. Rosaceae.**Strawberry.**156744. *Johann Muller*.156745. *Muscade*.156746. *SALIX BABYLONICA* var. *CRISPA* Loud. Salicaceae.**Weeping willow.****156747 to 156793.**From Japan. Seeds presented by E. B. Coffman, Natural Resources Section, GHQ,
SCAP, Tokyo. Received Oct. 7, 1946.156747 and 156748. *AGERATUM HOUSTONIANUM* Mill. Asteraceae.156747. *Tom Thumb - Blue Cup*.156748. *Tom Thumb - Fire Queen*.156749 and 156750. *AMARANTHUS TRICOLOR* L. Amaranthaceae.156749. *Molten Fire*.

156750. (No notes.)

156751. *ANCHUSA ITALICA* Retz. Boraginaceae.156752. *AQUILEGIA* sp. Ranunculaceae.156753. *ARCTOTIS STOECHADIFOLIA* Bergius. Asteraceae.156754. *BRACHYCOME IBERIDIFOLIA* Benth. Asteraceae.**Swan-river-daisy.**156755. *CALENDULA OFFICINALIS* L. Asteraceae.**Pot marigold.**

Double mixed.

156756. *CALLISTEPHUS CHINENSIS* (L.) Nees. Asteraceae.**China aster.**

Tall single and double, mixed.

156757. *CENTAUREA CYANUS* L. Asteraceae.**Cornflower.**

Tall double, mixed.

156758 to 156760. *CHRYSANTHEMUM MAXIMUM* Ramond. Asteraceae.**Shasta daisy.**156758. *The Sparkler*.156759. *Alasca*.156760. *Hybrida*.

156747 to 156793—Continued

- 156761 and 156762. *COSMOS BIPINNATUS* Cav. Asteraceae.
 156761. *Sensation*.
 156762. Early double, mixed.
156763. *DIANTHUS BARBATUS* L. Silenaceae. **Sweet-william.**
 Single, mixed.
156764. *GYPSOPHILA ELEGANS* Bieb. Silenaceae.
 Large, white.
156765. *HELICHRYSUM BRACTEATUM* (Vent.) Willd. Asteraceae.
Golden.
156766. *HESPERIS MATRONALIS* L. Brassicaceae. **Sweet-rocket.**
156767. *IBERIS AMARA* L. Brassicaceae. **Candytuft.**
Little Prince.
156768. *IMPATIENS BALSAMINA* L. Impatiensaceae. **Garden balsam.**
 Single, mixed.
156769. *KOCHIA TRICHOPHYLLA* Stapf. Chenopodiaceae. **Summer cypress.**
Christmas Red.
156770. *LINARIA MAROCCANA* Hook. f. Scrophulariaceae.
Fairy Bouquet.
156771. *LINUM GRANDIFLORUM* Desf. Linaceae. **Flowering flax.**
Red.
156772. *LUPINUS POLYPHYLLUS* Lindl. Fabaceae. **Washington lupine.**
Russell.
156773. *PAPAVER ORIENTALE* L. Papaveraceae. **Oriental poppy.**
Scarlet.
- 156774 to 156779. *PHLOX DRUMMONDII* Hook. Polemoniaceae.
 156774. *Kocshinia*. 156777. *Isabellina*.
 156775. *Star*. 156778. *Primrose*.
 156776. *Splendence*. 156779. White, with eye.
156780. *RESEDA ODORATA* L. Resedaceae. **Mignonette.**
 Large, golden flowers.
- 156781 and 156782. *SALVIA SPLENDENS* Ker. Menthaceae. **Scarlet sage.**
 156781. *Fire Ball*.
 156782. *Scarlet Rocket*.
156783. *SAPONARIA VACCARIA* L. Silenaceae.
156784. *SCABIOSA ATROPURPUREA* L. Dipsacaceae.
Dwarf. Received as *Scabiosa atrosanguinea*, an apparently unpublished name.
156785. *SCHIZANTHUS*. Solanaceae.
Schizanthus pinnatus × *grahamii*.
156786. *TAGETES ERECTA* L. Asteraceae. **Marigold.**
Supreme Mix.
- 156787 to 156791. *ZINNIA ELEGANS* Jacq. Asteraceae.
 156787. Double flowered, mixed.
 156788. *Navajo*.

156747 to 156793—Continued

156789. *Scarlet*.
 156790. *Scarlet Flame*. Double-flowered.
 156791. Mixed.
 156792. *ZINNIA* sp.
 Single, mixed.
 156793. *ZINNIA* sp.
 Double, mixed.

156794 to 156811.

From eastern Africa. Seeds presented by the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Oct. 9, 1946.

Collected by C. O. Grassl, of the above Division.

156794. *ANDROPOGON* sp. Poaceae.
 No. 1423. Near Malangali, Tanganyika.
 156795. *ARUNDINELLA* sp. Poaceae.
 No. 1424. Near Malangali, Tanganyika.
 156796. *CLEISTACHNE* sp. Poaceae.
 No. 836. Near Choma, Northern Rhodesia.
 156797. *CLEISTACHNE* sp.
 No. 908. Near Kafue Ferry, Northern Rhodesia.
 156798. *MISCANTHIDIUM* sp. Poaceae.
 No. 853. South of Kalomo, Northern Rhodesia.
 156799. *MISCANTHIDIUM* sp.
 No. 1368. West of Kawamba on Mbershi River, Northern Rhodesia.
 156800 to 156804. *SORGHUM BIPENNATUM* (Hack.) Kuntze. Poaceae.
 156800. No. 814. From 68 miles north of Broken Hill, Northern Rhodesia.
 156801. No. 833. From 13 miles south of Mazabuka, Northern Rhodesia.
 156802. No. 873. Near Muzoka, Northern Rhodesia.
 156803. No. 1080. From 26 miles northwest of Dedza, Nyasaland.
 156804. No. 1554. Near Musoma, Tanganyika.
 156805. *SORGHUM PURPUREO-SERICEUM* (Hochst.) Aschers. & Schweinf.
 No. 779. Essimingor-Makayioni Plain, Tanganyika.
 156806. *SORGHUM VERSICOLOR* Anderss.
 No. 780. Near Malangali, Tanganyika.
 156807. *SORGHUM* sp.
 No. 1422. Near Malangali, Tanganyika.
 156808. *SORGHUM* sp.
 No. 1175. Near Fundis crossroads, Nyasaland.
 156809. *SORGHUM* sp.
 No. 1333. From Kawimbo-Danibo, Northern Rhodesia.
 156810. *TRICHOPTERYX* sp. Poaceae.
 No. 1367. Chimpempe Mission, Northern Rhodesia.
 156811. *VETIVERIA* sp. Poaceae.
 No. 804. From 39 miles south of Broken Hill, Northern Rhodesia.

156812 to 156817.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Oct. 29, 1946.

156812. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**
Nsele No. 10.

156813. *CUCUMIS SATIVUS* L. **Cucumber.**
Concombre No. 25.

156814. *CUCURBITA* sp. Cucurbitaceae.
Libake No. 7.

156815. *LAGENARIA LEUCANTHA* (Duch.) Rusby. Cucurbitaceae. **Calabash gourd.**
Mbeke No. 5.

156816. *PHASEOLUS ANGULARIS* (Willd.) W. F. Wight. Fabaceae. **Adsuki bean.**
No. 3.

156817. *ZEA MAYS* L. Poaceae. **Corn.**
No. 18. 158/2-54/1.

156818. ERAGROSTIS CURVULA var. *CONFERTA* Nees. Poaceae.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley, Cape Province. Received Nov. 1, 1946.

156819 and 156820. SOLANUM sp. Solanaceae.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental Agrícola, Tingo María. Received Sept. 25, 1946.

156819. T. M. 1314. *Cocona.*

156820. T. M. 1316. *Cocona.*

156821 and 156822. SESAMUM. Pedaliaceae. **Sesame.**

From India. Seeds presented by the Imperial Council of Agricultural Research, New Delhi. Received Nov. 1, 1946.

156821. No. 41.

156822. No. 128.

156823. ZEA MAYS L. Poaceae. **Corn.**

From Ecuador. Seeds presented by Cristobal Ruiz, Quito. Received Nov. 4, 1946.
Canguil.

156824 to 156826.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Nov. 4, 1946.

156824 and 156825. *LUPINUS ANGUSTIFOLIUS* L. Fabaceae.

156824. *New Zealand Lupine.*

156825. *Sweet Blue Lupine.*

156826. *LUPINUS LUTEUS* L. **European yellow lupine.**

Sweet Yellow Lupine.

156827 to 156852. PHASEOLUS spp. Fabaceae.

From Mexico. Seeds presented by R. C. West, Mexico, D. F. Received Nov. 8, 1946.

A collection of beans from the State of Michoacán.

156827 and 156828. *PHASEOLUS COCCINEUS* L. **Scarlet runner bean.**

156827. *Kokoz. Zipiajo.*

156827 to 156852—Continued

156828. *Kokox*. Tirundaro.156829 to 156852. *PHASEOLUS VULGARIS* L.

Common bean.

156829. *Bayo*. Tzintzuntzan.156830. *Bayo Chico*. Zipiajo.156831. *Bayo Grande*. Naranja.156832. *Blanco*. Urapicho.156833. *Bolita*. Tzintzuntzan.156834. *Colorado*. Sicuicho.156835. *Cuarenteno*. Tirindaro.156836. *Encerrado*. Acachuen.156837. *Encerrado*. Brown. Zurumucapio.156838. *Higuirilla*. Atapán.156839. *Higuirilla*. Huanique.156840. *Jaboncillo*. Tzintzuntzan.156841. *Karanjari*. Turicuaro.156842. *Mexicano*. Tancitaro.156843. *Parrateno*. Huaniqeo.156844. *Parrateno*. Tzintzuntzan.156845. *Petrona*. Charapan.156846. *Petrona*. Arantepacua.156847. *Prieto*. Patamban.156848. *Prieto*. Sevina.156849. *Ranchero Corriente*.156850. *Rosa de Castilla*. Patamban.156851. *Rosa de Castilla*. Teremendo.156852. *Rosa de Castilla*. Tzintzuntzan.156853 and 156854. *GOSYBIUM*. Malvaceae. Cotton.

From Egypt. Seeds obtained from the Assistant Agricultural Attaché, American Embassy, Cairo. Received Nov. 13, 1946.

156853. *Amoun No. 39*. Giza.156854. *Karnak No. 29*. Giza.156855 to 156862. *SACCHARUM*. Poaceae. Sugarcane.

From Australia. Cuttings presented by the Department of Agriculture and Stock, Brisbane, Queensland. Received Nov. 15, 1946.

156855. *Atlas*.

156859. Q-47.

156856. *Cato*.

156860. Q-48.

156857. *Pompey*.

156861. Q-49.

156858. *Trojan*.

156862. Q-50.

156863. *PONCIBUS TRIFOLIATA* (L.) Raf. Rutaceae. Hardy orange.

From Washington, D. C. Seeds obtained by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15, 1946.

From a very old tree that grew west of the old Botanical Garden, at the east end of the Mall.

156864. EREMOCITRUS GLAUCA × CITRUS LIMON. Rutaceae.

From California. Seeds collected by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Nov. 15, 1946.

Coachella Eremolemon. From the Citrus Experiment Station, Riverside.

156865 to 156920. SORGHUM VULGARE Pers. Poaceae.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Nov. 19, 1946.

156865. No. 48. *Saccaline.*
 156866. No. 49. *Urusogi.*
 156867. No. 50. *Amaguru.*
 156868. No. 51. *Ntobaycure.*
 156869. No. 52. *Gotema.*
 156870. No. 54. *Jones.*
 156871. No. 55. *Rutobo.*
 156872. No. 56. *Rudasakwa.*
 156873. No. 57. *Nkonkoma.*
 156874. No. 58. *Hoc Lean.*
 156875. No. 59. *Sugar Drip.*
 156876. No. 60. *Blanc des Indes.*
 156877. No. 61. *Mbagobago.*
 156878. No. 62. *Kamakazi.*
 156879. No. 63. *MacLean de Sydney.*
 156880. No. 64. *Nkoukoma.*
 156881. No. 65. *Dura Feterita Gandal. Early.*
 156882. No. 66. *Rutobo.*
 156883. No. 67. *Fatura Du Bresil.*
 156884. No. 68. *Dura Hegari.*
 156885. No. 69. *Gyituku.*
 156886. No. 70. *Urusogi.*
 156887. No. 71. *Kamikazi.*
 156888. No. 72. *Dura Gholta. White.*
 156889. No. 73. *Jones de Sydney.*
 156890. No. 74. *Dura Huria. White, late.*
 156891. No. 75. *Dura Wad Ark.*
 156892. No. 76. *Amogunu.*
 156893. No. 77. *Dura Bomgitaba.*
 156894. No. 78. *Dura Hemaisi. Red, late.*
 156895. No. 79. *Fatura Du Brasil.*
 156896. No. 80. *Gatama.*
 156897. No. 81. *Ntaboro.*
 156898. No. 82. *Nyiruwumago.*
 156899. No. 83. *Ntiboyumba.*
 156900. No. 84. *Nioka.*
 156901. No. 85. *Dura Feterita Moatuk. Early.*

156865 to 156920—Continued

- 156902. No. 86. *Dura Dwarf*.
- 156903. No. 87. *Dura Gassobi GAF*. Early.
- 156904. No. 88. *Sugar Dry*.
- 156905. No. 90. *Dura Dwarf*. White, milo early.
- 156906. No. 91. *Dura Gassobi GAF*. Early.
- 156907. No. 92. *Dura Feterita 1921*.
- 156908. No. 93. *Dura Wad Munid*. Medium.
- 156909. No. 94. *Dura Feterita Shindy*. Early.
- 156910. No. 95. *Dura Gassobi GRF*. Early.
- 156911. No. 96. *Bukura Masala*.
- 156912. No. 97. *Rudaskwa*.
- 156913. No. 98. *Saccharine de Sydney*.
- 156914. No. 99. *Nghollongo*.
- 156915. No. 100. *Ngalya*.
- 156916. No. 101. *Bukura Mehawba*.
- 156917. No. 102. *Mbagobago*.
- 156918. No. 103. *Mbirizi*.
- 156919. No. 104. *Sura Feterita Maatuk*. Early.
- 156920. No. 105. *Ghimyoli*.

156921 to 156945.

From China. Seeds presented by the Kansu Provisional Experiment Station, Chang Chao Temple, west of Lanchow. Received Nov. 7, 1946.

- 156921. ALLIUM FISTULOSUM L. Liliaceae. Welsh onion.
- 156922. BETA VULGARIS L. Chenopodiaceae. Beet.
- 156923. BRASSICA PEKINENSIS (Lour.) Ruprecht. Brassicaceae. Petai.
- 156924. BRASSICA JUNCEA (L.) Coss. Chinese mustard.
- 156925. CHRYSANTHEMUM CORONARIUM L. Asteraceae. Crowndaisy.
- 156926. CITRULLUS VULGARIS Schrad. Cucurbitaceae. Watermelon.
- 156927 to 156940. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
- 156927. Lanchow.
- 156928. Hami, Sinkiang.
- 156929. Shanshan, Sinkiang.
- 156930. Foreign × Shanshan. Sinkiang.
- 156931. Foreign × Lanchow. Kansu.
- 156932. Ha-mi. Sinkiang.
- 156933. Foreign × Shanshan. Summer.
- 156934. Lanchow × Foreign.
- 156935. Foreign.
- 156936. San-san. Sinkiang.
- 156937. Ha-mi. Sinkiang.
- 156938. Ha-mi × Foreign.
- 156939. Golden Rod.
- 156940. Lanchow.
- 156941. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. Cushaw.
- 156942. CUCURBITA PEPO L. Pumpkin.
- 156943. LACTUCA SATIVA L. Cichoriaceae. Lettuce.
- Asparagus*.
- 156944. PISUM SATIVUM L. Fabaceae. Pea.
- 156945. RAPHANUS SATIVUS L. Brassicaceae. Radish.

156946 to 156957. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Tasmania. Tubers presented by the Tasmanian Department of Agriculture
Potato Seed Station, Tewksbury. Received Nov. 20, 1946.

156946. No. 101.	156952. No. 597.
156947. No. 158.	156953. No. 728.
156948. No. 166.	156954. No. 853.
156949. No. 224.	156955. No. 910.
156950. No. 265.	156956. No. 950.
156951. No. 441.	156957. No. 36.

156958. PERSEA AMERICANA Mill. Lauraceae. Avocado.

From Mexico. Seeds presented by José Benitez, Nuevo Leon. Received Nov. 25,
1946.

156959. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From New Jersey. Plant purchased from the New Jersey Peach Council, Inc.,
Princeton. Received Nov. 21, 1946.

Redcrest.

156960 to 156962. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

From Peru. Seeds presented by Charles F. Swingle, Estación Experimental
Agrícola, Tingo Maria. Received Nov. 22, 1946.

156960. T. M. 946.
156961. T. M. 947.
156962. T. M. 784.

156963 to 156965. SOLANUM. Solanaceae.

From Australia. Tubers presented by the Department of Agriculture, Sydney,
New South Wales. Received Nov. 25, 1946.

156963. S. 2512. <i>Epicure</i> × <i>Solanum rybinii</i> × <i>Katahdin</i> .
156964. S. 2520. <i>Factor</i> × 336-144.
156965. S. 2524. <i>Kerrs Pink</i> × <i>Katahdin</i> .

156966 and 156967. ZEA MAYS L. Poaceae. Corn.

From the Netherlands. Seeds obtained from Herman A. Bennink, Apeldoorn.
Received Nov. 25, 1946.

156966. Dent corn.
156967. Popcorn.

156968 to 156970. CORDEAUXIA EDULIS Hemsl. Caesalpiniaceae.

Yeheb nut.

From Tanganyika. Seeds presented by the East African Agricultural Research
Institute, Amani. Received Nov. 19, 1946.

156968. No. 1.
156969. No. 2.
156970. No. 3.

156971 and 156972. SORGHUM VULGARE Pers. Poaceae.

From the Belgian Congo. Seeds presented by INEAC, Yangambi. Received Nov.
13, 1946.

Originally from Botili, Lua-Bolo, Lebenge.

156971. No. 106. <i>Fo Gbele</i> .
156972. No. 107. <i>Fo Balongba</i> .

156973. CNIDOSCOLUS ELASTICUS Lundell. Euphorbiaceae.

From Mexico. Seeds collected by Llewelyn Williams, University of Chicago, Chicago, Ill. Received Dec. 3, 1946.

From the State of Durango, at altitudes of 2,000 to 5,000 feet. Oct. 1946.

156974 to 156985. RUBUS IDAEUS L. Rosaceae.

European raspberry.

From the Soviet Union. Seeds presented by the Lenin Academy of Agricultural Sciences, Leningrad. Received Dec. 3, 1946.

156974. Usanka. Leningrad District.

156975. Nemetzs Seedling. Vitnitsa, Ukraine.

156976. Spirins Seedling N. 14. Vologda.

156977. Shpanka.

156978. Novost Kusmina. Vetluga, Korov.

156979. Leningrad District.

156980. Caucasus.

156981. Belosersk District.

156982. Vologda.

156983. Crimea.

156984. Molatov District.

156985. Voronezh District.

156986. OCHROMA sp. Bombacaceae.

From the British West Indies. Seeds presented by Sgt. Tom Phalin, United States Army. Received Oct. 29, 1946.

Bois Flot. From the island of Trinidad.

156987. PASPALIDIUM GLOBOIDEUM (Domin.) Hughes. Poaceae.

Shot grass.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Nov. 12, 1946.

156988. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. **Guar.**

From India. Seeds presented by W. F. Dickson, Agricultural Adviser, New Delhi. Received Nov. 18, 1946.

156989. CITRUS AURANTIFOLIA (Christm.) Swingle. Rutaceae. **Lime.**

From Palestine. Seeds presented by Dr. Y. Carmon, Agricultural Experiment Station, Rehovoth. Received Dec. 4, 1946.

Egyptian Lime.

156990. STIZOLOBIUM ATERRIMUM Piper & Tracy. Fabaceae.

Velvetbean.

From British Guiana. Seeds presented by the Department of Agriculture, Georgetown. Received Dec. 2, 1946.

Bengal Bean.

156991 to 157000. SESAMUM spp. Pedaliaceae.

From India. Seeds presented by the Oilseeds Specialist, Agricultural Department, Lawley Road, Coimbatore. Received Nov. 27, 1946.

156991 to 156998. SESAMUM INDICUM L.

Sesame.

156991 to 157000—Continued

156991. *No. X-6.* 156995. *S.1.53.*
 156992. *No. X-38.* 156996. *S.1.246.*
 156993. *S.1.1.* 156997. *S.1.761.*
 156994. *S.1.53.* 156998. *S.1.980.*
156999. *SESAMUM PROSTRATUM* Retz.
 157000. *SESAMUM RADIATUM* Schum.
157001. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**
 From Argentina. Tuber presented by Isaac Tarasiuk, Buenos Aires. Received Dec. 5, 1946.
 Reported to be immune from late blight.
157002. *CITRUS SINENSIS* (L.) Osbeck. Rutaceae. **Orange.**
 From China. Seeds collected by Eugene May, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 5, 1946.
Tim Shan. From Paakshan, Kwangtung,
157003. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**
 From Tasmania. Seeds presented by A. L. Goodwin, "Milford," Mangalore. Received Nov. 26, 1946.
Milford B 46. A fast-growing variety.
157004. *HIPPEASTRUM* sp. Amaryllidaceae.
 From Bolivia. Seeds presented by Dr. Martin Cárdenas, Cochabamba. Received Dec. 6, 1946.
 Collected in Yungas, La Paz.
157005. *CITRUS.* Rutaceae.
 From Washington, D. C. Seeds presented by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received Dec. 9, 1946.
Eugene May Satsumelo. (*Citrus reticulata* var. \times *C. paradisi.*) Hybrid by Eugene May, Jr.
157006. *NICOTIANA TABACUM* L. Solanaceae. **Tobacco.**
 From India. Seeds presented by the Imperial Agricultural Research Institute, New Delhi. Received Dec. 7, 1946.
Amarelo 5. Grown at Pusa, Bihar.
157007. *HEVEA BRASILIENSIS* (A. Juss.) Muell. Arg. Euphorbiaceae. **Para rubber tree.**
 From Mexico. Seeds presented by T. D. Mallory, Mexico, D. F. Received Dec. 10, 1946.
- 157008 to 157011. *MENTHA ARVENSIS* VAR. *PIPERASCENS* Malinv. Menthaceae.
 From Japan. Roots obtained through the Agricultural Section, GHQ, SCAP, Tokyo. Received Dec. 11, 1946.
157008. *Akakuki.* 157010. *Kitami Shirake.*
 157009. *Hokushin.* 157011. *Okayama Shirake.*
157012. *SESBANIA EMERUS* (Aubl.) Urban. Fabaceae.
 From El Salvador. Seeds collected by Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Dec. 16, 1946.

157013 to 157017. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.

From India. Seeds presented by the Fodder Botanist, Sirsa, Hissar, Punjab. Received Dec. 5, 1946.

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| 157013. No. 1. | 157016. No. 56. |
| 157014. No. 2. | 157017. No. 69. |
| 157015. No. 6. | |

157018 to 157020.

From India. Seeds presented by E. Grace Bullard, American Baptist Mission, Kavali, Mellore District. Received Dec. 17, 1946.

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| 157018 and 157019. ARACHIS HYPOGAEA L. Fabaceae. | Common peanut. |
| 157018. Small-seeded. | |
| 157019. Large-seeded. | |

157020. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae.	Guar.
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157021 and 157022. VITIS VINIFERA L. Vitaceae. European grape.

From California. Cuttings obtained from the United States Horticultural Field Station, Fresno. Received Dec. 18, 1946.

- 157021. *Cardinal*.
- 157022. *Castiza*.

157023 to 157028.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered in Dec. 1946.

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| 157023 to 157025. MALUS SYLVESTRIS Mill. Malaceae. | Apple. |
| 157023. <i>Grimes Golden</i> . | |
| 157024. <i>Winesap</i> . | |
| 157025. <i>Closs</i> . | |
| 157026. PRUNUS CERASUS L. Amygdalaceae. | Sour cherry. |
| <i>Early Richmond</i> . | |
| 157027 and 157028. PRUNUS AVIUM L. | Sweet cherry. |
| 157027. <i>Seneca</i> . | |
| 157028. <i>Windsor</i> . | |

157029 to 157043. SORGHUM VULGARE Pers. Poaceae.

From Kenya. Seeds presented by the Department of Agriculture, Nairobi. Received Dec. 18, 1946.

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| 157029. <i>Anasude No. 9.</i> | 157037. <i>Nyakibusha No. 21.</i> |
| 157030. <i>Andiwo III 57.</i> | 157038. <i>Nyaniye Akura No. 24.</i> |
| 157031. <i>Aneru No. 32.</i> | 157039. <i>Nyauriata 29.</i> |
| 157032. <i>Arvigo No. 7.</i> | 157040. <i>Ochuti II No. 51.</i> |
| 157033. <i>Ifube No. 18.</i> | 157041. <i>Odel No. 60.</i> |
| 157034. <i>Kigeza (i) 41 or 71.</i> | 157042. <i>Orwaga No. 40.</i> |
| 157035. <i>Nyagwang No. 56.</i> | 157043. <i>Otavyire No. 25.</i> |
| 157036. <i>Nyaijeh No. 38.</i> | |

157044 to 157054.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered in December 1946.

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| 157044 to 157054. MALUS spp. Malaceae. | |
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157044 to 157054—Continued

157044. MALUS.

Virginia Crabapple.

157045 and 157046. MALUS SYLVESTRIS Mill.

Apple.

157045. *Rome Beauty.*157046. *Northern Spy.*

157047. MALUS BACCATA (L.) Moench.

Siberian crabapple.

Dolgo.

157048. MALUS.

Hyslop Crabapple.

157049 and 157050. MALUS SYLVESTRIS Mill.

Apple.

157049. *Delicious.*157050. *Stayman.*

157051. PYRUS COMMUNIS L. Malaceae.

Common pear.

Bartlett.

157052 to 157054. MALUS SYLVESTRIS Mill. Malaceae.

Apple.

157052. *Black Oxford.*157053. *Scott Winter.*157054. *Bethel.*

157055. CITRULLUS COLOCYNTHIS (L.) Schrad. Cucurbitaceae.

Colocynth.

From Algeria. Seeds collected by R. E. Rodes, APO 194, New York, New York.
Received Dec. 19, 1946.

Collected between Biskra and Bou Saada.

157056 to 157059.

From New Zealand. Seeds presented by E. A. Menninger, Stuart, Fla. Received
Dec. 19, 1946.

157056. LEPTOSPERMUM SCOPARIUM var. NICHOLLII (Darr.-Smith) Turill.

Myrtaceae.

157057. METROSIDEROS VILLOSA (L.) J. E. Smith. Myrtaceae.

157058. MYRTUS BULLATA Berg. Myrtaceae.

157059. WEINMANNIA SYLVICOLA A. Cunn. Cunoniaceae.

157060 to 157114.

From China. Seeds collected by Dr. H. L. Crane, Bureau of Plant Industry, Soils,
and Agricultural Engineering, Beltsville, Md. Received Dec. 27, 1946.

157060 and 157061. BENINCASA HISPIDA (Thunb.) Cogn. Cucurbitaceae.

Wax gourd.

157060. Lanchow.

157061. Chengtu, Szechwan.

157062. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

Lanchow.

157063 to 157068. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

157063. Hupeh.

157066. *Ha-pe.* Kafeng, Honan.157064. *Ma-lin-ku.* Chekiang.

157067. Fruits flattened. Chekiang.

157065. Lanchow.

157068. Kaifeng, Honan.

157060 to 157114—Continued

- 157069 to 157086. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**
 157069. *Golden Tower Temple.* Lanchow.
 157070. *Li-hsiang-kua.* Kwangsi.
 157071. Kungchuling.
 157072. Lanchow.
 157073. *Hua-e-chio.*
 157074. Kaifeng, Honan.
 157075. Chengtu, Szechwan.
 157076. *San-pai.*
 157077. *Sen-kua.* Chengtu, Szechwan.
 157078. Honan.
 157079. *Pei-fang-kua.* Hupeh.
 157080. *Da-lon-hung.*
 157081. Hupeh.
 157082. *Pin-ko-chin.*
 157083. Lanchow.
 157084. Shensi.
 157085. Chekiang.
 157086. *Chi-ma-chin.*
- 157087 to 157098. CUCUMIS SATIVUS L. **Cucumber.**
 157087. Shatang, Kwangsi.
 157088. *Chin-pe-tiao-kua.* Hupeh.
 157089. *Li-tze-san-cha.* Peiping.
 157090. Chekiang.
 157091. Chengtu, Szechwan.
 157092. Lanchow.
 157093. *Ta-ze-kua.*
 157094. *Pai-jiao-kua.* Hupeh.
 157095. *Pai-huang-kua.* Shatang, Kwangsi.
 157096. Kungchuling.
 157097. *Er-cho-chi.* Chengtu, Szechwan.
 157098. *Tsun-chin-tzu.* Chengtu, Szechwan.
- 157099 to 157101. CUCURBITA MOSCHATA Duchesne. **Cushaw.**
 157099. *Duck.* Lanchow.
 157100. No. 1. Chengtu, Szechwan.
 157101. No. 2. Chengtu, Szechwan.
157102. LUFFA AEGYPTIACA Mill. Cucurbitaceae. **Suakwa towelgourd.**
 Chengtu, Szechwan.
157103. MOMORDICA CHARANTIA L. Cucurbitaceae. **Balsam-pear.**
Ta-pei-ku-kua. Chengtu, Szechwan.
157104. PANICUM MILLACEUM L. Poaceae. **Proso.**
 157105. SOLANUM MELONGENA L. Solanaceae. **Eggplant.**
Serpentina. Lanchow.

157060 to 157114—Continued

157106 to 157114. *SORGHUM VULGARE* Pers. Poaceae.

157106. Kaifeng, Honan.

157107. Wuchang, Hupeh.

157108. *Shatang No. 1.* Shatang, Kwangsi.

157109. Peiping.

157110. Chekiang.

157111. *Waxy Sorghum.*

157112. Kungchuling.

157113. *Shatang No. 2.* Shatang, Kwangsi.

157114. Hupeh.

157115. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

From England. Seeds presented by C. J. M. Kemp, Richmond, Surrey. Received Dec. 30, 1946.

Kleva.

157116. *ARACHIS* sp. Fabaceae. **Peanut.**

From Brazil. Seeds obtained from G. L. Bush, Rio de Janeiro. Received Dec. 30, 1946.

A large-seeded peanut called *mandubi*, *mendobi*, or *manobi* by various native Indian tribes in Brazil.

157117 to 157120.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales. Received Dec. 16, 1946.

157117. *ASTREBLA* sp. Poaceae.

Mitchell Grass.

157118. *DANTHONIA SEMIANNULARIS* (Labill.) R. Br. Poaceae.

Wallaby Grass.

157119. *FESTUCA MAIREI* St. Yves. Poaceae.

157120. *LOLIUM RIGIDUM* Gaud. Poaceae.

Wimmera Rye Grass.

157121. *CYDONIA OBLONGA* Mill. Malaceae. **Quince.**

From France. Cuttings presented by A. Rousseau, Roguevaire, Bouches du Rhone. Dec. 31, 1946.

St. Julien d'Orleans.

157122. *CARICA MICROCARPA* Jacq. Papayaceae.

From Venezuela. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered Dec. 30, 1946.

Grown originally from seeds presented by Henry Pittier, Caracas, Venezuela. Fruits small, red.

157123 to 157136. *SORGHUM VULGARE* Pers. Poaceae.

From Arabia. Seeds obtained through the American Vice Consul, Aden. Received Dec. 16, 1946.

A collection of sorghums from Yemen.

157123 to 157127. *Azab.*

157123 to 157136—Continued

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| 157123. No. 1. Beit-al-Faquih. | 157126. No. 4. Al-Mansuria. |
| 157124. No. 2. Bajin. | 157127. No. 5. Al-Zeidia. |
| 157125. No. 3. Al-Marawi'a. | |
| 157128. No. 6. <i>Za'r Qadim</i> . (Old Za'r). Al-Zahra. | |
| 157129. No. 7. <i>Sa's Jidid</i> . (New Za'r). Al-Zahra. | |
| 157130. No. 8. <i>Za'r</i> . Al-Luhaya. | |
| 157131. No. 9. <i>Za'r</i> . Al-Zeidia and Al-Marawi. | |
| 157132. No. 10. <i>Beidha</i> . White. Al-Marawi'a. | |
| 157133. No. 11. <i>Beidha</i> . White. Al-Zeidia, Zahra, Bajil. | |
| 157134. No. 12. <i>Dokha</i> . Millet. Al-Mansuria. | |
| 157135. No. 13. <i>Dokha</i> . Millet. Bajil, Maraiqi'a Luhya. | |
| 157136. No. 14. <i>Dokha</i> . Millet. Beit-al-Faquish. | |

157137 to 157143.

From Mexico. Seeds presented by M. Martinez, Mexico, D. F. Received Dec. 17, 1946.

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| 157137. <i>ABIES RELIGIOSA</i> Lindl. Pinaceae. | Fir. |
| 157138. <i>CARYA ILLINOENSIS</i> (Wang.) K. Koch. Juglandaceae. | Pecan. |
| 157139. <i>MUSA ENSETE</i> Gmel. Musaceae. | Abyssinian banana. |
| 157140. <i>PHYSALIS COZTOMATL</i> Dun. Solanaceae. | |

An annual with pubescent, nearly entire, ovate leaves, and solitary axillary flowers, yellow spotted with brown. Native to temperate Mexico.

157141. *PINUS PATULA* Schlecht. & Cham. Pinaceae.
 157142. *PINUS PSEUDOSTROBUS* Lindl.
 157143. *SARACHA JALTOMATA* Schlecht. Solanaceae.

An annual with ovate-acuminate leaves 3 to 4 inches long, small greenish-yellow flowers in small umbels, and black, subglobose fleshy berries. Native to Mexico.

157144. *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae. **Cabbage.**

From Germany. Seeds presented by Carl Ross, Voldagsen über Elze, Hannover. Received Dec. 19, 1946.

Echterdinger.

157145. *AEGILOPS LONGISSIMA* Schweinf. & Muschl. Poaceae.

From Palestine. Seeds presented by the Hebrew University, Jerusalem. Received Dec. 27, 1946.

157146. *EPIDENDRUM CILIARE* L. Orchidaceae.

From Florida. Plants growing at the United States Plant Introduction Garden, Coconut Grove, Fla. Numbered in December 1946.

Origin of plants unknown.

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