

10704
Cap. 3
Plant Inventory No. 184



UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C., May 1978

PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1976
(Nos. 405410 to 414155)

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This inventory, No 184, lists the plant material (Nos. 405410 to 414155) received by the Germplasm Resources Laboratory, Plant Genetics and Germplasm Institute, Science and Education Administration, during the period from January 1 to December 31, 1976. The inventory is a historical record of plant material introduced by Departmental and other specialists and is not to be considered as a list of plant material for distribution.

The species names used are those under which the plant material was received. These have been corrected only for spelling, authorities, and obvious synonymy. Questions related to the names published in the Inventory and obvious errors should be directed to the author. If misidentification is apparent, please submit a herbarium specimen with flowers and fruit for reidentification.

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On January 24, 1978, four USDA agencies—Agricultural Research Service (ARS), Cooperative State Research Service (CSRS), Extension Service (ES), and the National Agricultural Library (NAL)—merged to become a new organization, the Science and Education Administration (SEA), U.S. Department of Agriculture.

This publication was prepared by the Science and Education Administration's Federal Research staff, which was formerly the Agricultural Research Service.

405410 to 405512.

From Tanzania. Seed collected July-August 1975 by F. D. Wilson, Department of Agronomy and Plant Genetics, University of Arizona, Phoenix, Arizona, and K. Z. Kissie, Ministry of Agriculture, Luamungu, Moshi. Received September 11, 1975.

405410 and 405411. HIBISCUS ACETOSELLA Welw. Malvaceae.

405410. 75-61. Sengerema, 29 km west of Bisusi-Kikongo ferry, across Mwanza Gulf, Mwanza Region. Typical glabrous, red foliage, ornamental type. No flowers seen. Growing in tall grass in dooryard and in association with natural *H. cannabinus* × *H. acetosella* hybrid.

405411. 75-129. Muheza, on Highway A-14 between Tanga and Segena, Tanga Region. Glabrous, red-leaved, ornamental type. Growing in dooryard. Cultivated.

405412 to 405500. HIBISCUS CANNABINUS L. **Kenaf.**

405412. 75-16. On Highway A-23, 18 km east of Arusha turnoff toward Moshi, Arusha Province. Spiny annual to 2.5 m tall. Flower color varies from washed-out lavender (almost gray) to dark purple. Leaves deeply palmately lobed. Large population here, but few ripe capsules. Seed growing on edge of extensive *Typha* swamp. Wild.

405413. 75-17. On Highway A-23, 32 km east of Arusha turnoff toward Moshi, Arusha Province. Spiny annual to 2.5 m tall, purple flowered. Growing near edge of cornfield in grass-thornbush. Wild.

405414. 75-18. On Highway A-104, 15 km west of Arusha, Arusha Region. Spiny annual to 2 m tall. Purple flowers, deeply divided leaves. Growing on grass-thornbush steppe. Wild.

405415. 75-21. On road B-142 to Ngorongoro Crater, 4 km from A-104 and B-142 junction, Mtwambu Region. Annual to 2.5 m tall. Cream flowers with dark petal spot. Leaves 5-lobed, not as deeply lobed as the wild, purple-flowered type. Stem not as spiny as wild type. Growing in recently cultivated beanfield.

405416. 75-22. On road B-142 to Ngorongoro Crater, 36 km from A-104 and B-142 junction, Mtwambu Region. Spiny annual to 2.5 m tall. Green and ripe capsules, no leaves. Old flower remnants look purple. Growing in grass at edge of cornfield. Wild.

405417. 75-24. Toward Musoma, 25 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny annual to 2 m tall. Mature capsules, no leaves, no flowers. Few plants only. Growing in dry grass and thornbush scrub. Wild.

405418. 75-25. Toward Musoma, 33 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny annual to 2 m tall. Plant has mature capsules, leafless. One plant only. Growing in grass and thornbush scrub. Wild.

405419. 75-26. Toward Musoma, 34 km west of Iloma Gate to Serengeti National Park, Mara Region. Few plants, mature capsules, leafless. Growing in grass and thornbush scrub. Wild.

405420. 75-27. Toward Musoma in Mtukeri village, 47 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny branched annual to 2 m tall. Purple flowers. Common East African wild type. Villagers eat growing tips as salad. Wild.

405410 to 405512—Continued**405412 to 405500—Continued**

- 405421.** 75-28. Toward Musoma, 56 km west of Ikoma Gate to Serengeti National Park, Mara Region. Spiny annual to 2 m tall. No leaves, old flower remnants purple, few plants. Wild.
- 405422.** 75-29. On Highway B-6 to Kenya border, 3 km north of Nyakanga, Musoma Region. Spiny annual to 2.5 m tall. Cream flowers with dark petal spot. Leaves deeply 5 to 7 palmately lobed. Plants do not have wild type appearance. Growing in low area adjacent to stream.
- 405423.** 75-30. On Highway B-6 to Kenya border, 6 km north of Nyakanga, Musoma Region. Spiny annual to 2.5 m tall. Cream flowers with dark petal spot. Leaves deeply, palmately 5 to 7 lobed. Growing in low area.
- 405424.** 75-33. On Highway B-6 toward Nyamaguku, 3 km north of ferry across Mard Bay, Musoma Region. Annual to 2.5 m tall. Cream flowers with dark petal spot, divided leaves. Leaves used as vegetable by local people. Growing as weed in cornfield.
- 405425.** 75-34. On Highway B-6 toward Nyamaguku, 1 km north of ferry across Mard Bay, Musoma Region. Annual to 2 m tall. Cream flowers with deep purple petal spot, palmately lobed leaves. Growing in old cultivated field.
- 405426.** 75-36. On Highway B-6 toward Mwanza, 41 km south of Musoma turnoff, Serengeti Region. Annual to 3 m tall. Green and ripe capsules, no leaves. Old flower remnant looks purple. Growing in sorghum field.
- 405427.** 75-37. On Highway B-6 toward Mwanza, 47 km south of Musoma turnoff, Serengeti Region. Annual to 2.5 m tall. Green and ripe capsules, no leaves or flowers. Growing on extensive grassy plain. Wild.
- 405428.** 75-39. On Highway B-6 toward Mwanza, 59 km south of Musoma turnoff, Serengeti Region. Spiny annual with purple flowers. Several plants growing in dooryard, but appear to be the East African wild type.
- 405429.** 75-40. On Highway B-6 toward Mwanza, 69 km south of Musoma turnoff, Mwanza Region. Annual to 2.5 m tall. Cream flowers with dark petal spot. Palmately, deeply lobed leaves. Growing in millet field.
- 405430.** 75-42. On Highway B-6, 33 km north of Mwanza. Annual to 3 m tall, spiny. Cream flowers with purple petal spot. Deeply palmately lobed leaves. This strain seems to be truly wild. Growing in low lying grass and sedge field. Wild.
- 405431.** 75-44. On Highway B-6, 30 km southeast of Mwanza at Misungwi village, Mwanza Region. Annual to 2.5 m tall. Green and ripe capsules, no leaves or flowers. Growing as a weed in cassava field.
- 405432.** 75-45. On Highway B-6, 31 km southeast of Mwanza, 1 km southeast of Misungwi village, Mwanza Region. Annual to 2.5 m tall. Ripe capsules only, no leaves or flowers. Growing in hedge row with grasses.
- 405433.** 75-47. On Highway B-6, 42 km southeast of Mwanza, 12 km southeast of Misungwi village, Mwanza Region. Annual to 2.5 m tall. Purple flowers, deeply lobed leaves. Not as spiny as other types. Growing in cassava and sweetpotato field.

405410 to 405512—Continued**405412 to 405500—Continued**

- 405434.** 75-48. On Highway B-145, 1 km southeast of Mabuki, Mwanza Region. Annual to 4 m tall, spiny, green and ripe capsules, purple flowers. Growing as weed in fallow field.
- 405435.** 75-49. On Highway B-145, 7 km southeast of Mabuki, Mwanza Region. Spiny annual to 2.5 m tall. Purple flowers, deeply lobed leaves. Growing as weed in fallow field.
- 405436.** 75-50. On Highway B-146 at outskirts of Ngudu toward Bukwimba, Mwanza Region. Annual to 3 m tall. Green and ripe capsules, no flowers or leaves. Large population of plants. Growing as a weed in fallow field.
- 405437.** 75-51. On Highway B-146, 10 km northeast of Ngudu, Mwanza. Spiny annual to 4 m tall. Green and ripe capsules, no leaves or flowers. Large population. Growing as weed in fallow field.
- 405438.** 75-52. Kikango Ferry landing, a few yards from Mwanza Gulf, Mwanza Region. Annual to 2.5 m tall. Ripe capsules, no leaves or flowers. Growing in rocky soil. Wild.
- 405439.** 75-55. On Highway B-163 toward Mwanza, 4 km east of Geita, Mwanza Region. Spiny annual to 2.5 m tall. Flowers cream with purple petal spot. Leaves deeply lobed. This form seems to be truly wild. Tall grass in open forest.
- 405440.** 75-56. On Highway B-163 toward Mwanza, 19 km east of Geita, Mwanza Region. Spiny annual to 2 m tall. Very small green and ripe capsules, no leaves or flowers. Growing in dooryard.
- 405441.** 75-57. On Highway B-163 toward Mwanza, 21 km east of Geita, Mwanza Region. Spiny annual to 2.5 m tall. Purple flowers, deeply lobed leaves. Good sized population. Growing in sorghum field.
- 405442.** 75-58. On Highway B-163 toward Mwanza, 24 km east of Geita, Mwanza Region. Spiny annual to 1.5 m tall. Cream flowers with dark purple petal spot. Tan pollen, deeply lobed leaves. Good sized population. Growing in fallow field recently planted to sorghum
- 405443.** 75-60, On Highway B-163, 35 km east of Geita, Mwanza Region. Spiny annual to 1 m tall. Cream flowers, dark purple petal spot. Deeply lobed leaves. Appears to be well established weed in this area. Growing in sweet potato field.
- 405444.** 75-63. Twelve km east of Sengerema, Mwanza Region. Annual to 2.5 m tall. Green and ripe capsules, no flowers or leaves. Growing in fallow field.
- 405445.** 75-65. Seventeen km east of Sengerema, Mwanza Region. Annual to 3.5 m tall. Flowers vary from almost cream to dark purple. Growing in fallow field.
- 405446.** 75-67. On Highway B-6, 53 km south of Mwanza on Mwanza-Shinyanga Road, Mwanza Region. Annual to 2 m tall. Ripe capsules, no flowers or leaves. Wild.
- 405447.** 75-68. On Highway B-6, 14 km south of Mabuki on Mwanza-Shinyanga Road, Mwanza Region. Annual to 2.5 m tall. Purple flowers, deeply lobed leaves. Growing as a weed in cassava field.

405410 to 405512—Continued**405412 to 405500—Continued**

- 405448.** 75-69. On Highway B-6, 24 km south of Mabuki on Mwanza-Shinyanga Road, Mwanza Region. Annual to 2.5 m tall. Ripe, shattered capsules, few seed left. Growing as a weed in cottonfield.
- 405449.** 75-70. On Highway B-6, 31 km south of Mabuki on Mwanza-Shinyanga Road, Mwanza Region. Annual to 2 m tall, but several shorter plants present. Ripe capsules, no flowers or leaves. Growing on bare ground in dooryard.
- 405450.** 75-71. On Mwanza-Shinyanga Road, 31 km south of Mabuki. Annual to 3 m tall. Ripe capsules, no flowers or leaves. Growing in old sorghum field.
- 405451.** 75-73. On Highway B-6, 3 km north of Bubiki on Mwanza-Shinyanga Road, Shinyanga Region. Annual to 2.5 m tall. Ripe capsules, no flowers or leaves. Growing in waste field.
- 405452.** 75-74. On Highway B-6, 1 km north of Bubiki on Mwanza-Shinyanga Road, Shinyanga Region. Spiny annual to 3 m tall. Purple flowers, deeply lobed leaves. Growing in hedge row of sisal.
- 405453.** 75-75. On Highway B-6, 7 km south of Bukibi on Mwanza-Shinyanga Road, Shinyanga Region. Annual to 3.5 m tall. Ripe capsules, no flowers or leaves. Growing in fallow field.
- 405454.** 75-77. On Highway B-6, 20 km south of Bukibi on Mwanza-Shinyanga Road, Shinyanga Region. Annual to 2.5 m tall. Small flowers, light purple. Green and ripe capsules. Growing as a weed in fallow field.
- 405455.** 75-79. On Highway B-6 toward Nzega, 5 km south of Shinyanga, Shinyanga Region. Spiny annual to 3 m tall. Purple flowers, deeply lobed leaves. Growing in fallow field with *H. mastersianus*, grasses, shrubs, *Adansonia digitata* and other trees.
- 405456.** 75-80. On road to Urambo, 12 km west of Tabora, Tabora Region. Spiny annual to 3 m tall. Small, cream flowers with dark petal spot. Leaves seen were linear to narrowly lanceolate. Many, small capsules undeveloped but sticking on plants. Small seed. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in fallow field.
- 405457.** 75-81. On Urambo Road, 13 km west of Tabora, Tabora Region. Annual to 2.5 m tall. No flowers or leaves. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in fallow field.
- 405458.** 75-82. On Urambo Road, 16 km west of Tabora, Tabora Region. Spiny annual to 2.5 m tall. No leaves or flowers. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in fallow field.
- 405459.** 75-83. On Urambo Road, 20 km west of Tabora, Tabora Region. Spiny annual to 2.5 m tall. No flowers or leaves. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in fallow field.
- 405460.** 75-84. On Urambo Road, 30 km west of Tabora, Tabora Region. Spiny annual to 2 m tall. No flowers or leaves. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in cassava field.
- 405461.** 75-86. On Itaga Road, 3 km northwest of Tabora, Tabora Region. Spiny annual to 2 m tall. Flowers cream with dark petal spot. Leaves deeply lobed. Capsules and seed small. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in dry rice paddy.

405410 to 405512—Continued**405412 to 405500—Continued**

- 405462.** 75-87. On road to Itaga, 19 km northwest of Tabora, Tabora Region. Spiny annual to 2.5 m tall. Flowers purple, leaves deeply lobed. Growing in flooded rice paddy.
- 405463.** 75-88. On Itaga Road, 20 km northwest of Tabora, Tabora Region. Annual to 3 m tall. Ripe capsules, no flowers or leaves. Growing in burned area in open scrub forest. Wild.
- 405464.** 75-89. On Itaga Road, 28 km northwest of Tabora, Tabora Region. Annual to 3 m tall. Ripe capsules, no flowers or leaves. Growing in open forest. Wild.
- 405465.** 75-90. On Itaga Road, 24 km northwest of Tabora, Tabora Region. Annual to 3 m tall. Purple flowers, deeply lobed leaves. Growing in open forest. Wild.
- 405466.** 75-91. On Itaga Road, 18 km northwest of Tabora, Tabora Region. Slender annual to 3 m tall. Ripe capsules only, no flowers nor leaves. Growing in dry rice paddy.
- 405467.** 75-92. On Itaga Road, 9 km northwest of Tabora, Tabora Region. Annual to 2 m tall. Cream flowers with dark petal spot. Small capsules. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in fallow field.
- 405468.** 75-93. On Pangale Road, 1 km south of Tabora, Tabora Region. Annual. Cream flowers with dark purple petal spot. Deeply lobed leaves. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in dike of dry rice paddy.
- 405469.** 75-94. On Pangale Road, 7 km south of Tabora, Tabora Region. Annual. Cream flowers with dark purple petal spot. Deeply lobed leaves, small capsules and seed. Similar to *H. meeusei*, but calyx has wool and bracts are entire. Growing in fallow field.
- 405470.** 75-95. On Pangale Road, 8 km south of Tabora, Tabora Region. Very spiny annual. Cream flowers with dark purple spot. Growing in fallow field.
- 405471.** 75-96. Pangale Road, 17 km south of Tabora, Tabora Region. Spiny annual to 2 m tall. Cream flowers with dark purple petal spot. Small capsules and seeds. Growing in fallow field.
- 405472.** 75-97. On Pangale Road, 29 km south of Tabora, Tabora Region. Spiny annual to 2 m tall. Ripe capsules, no flowers or leaves. Growing in fallow field.
- 405473.** 75-98. On road to Nzega, 59 km north of Tabora, Tabora Region. Annual to 2 m tall. Small, ripe capsules. Growing in association with *H. mastersianus* in fallow field.
- 405474.** 75-99. On Nzega Road, 64 km north of Tabora, Tabora Region. Spiny annual to 2 m tall. Light purple flowers, deeply lobed leaves. Growing in association with *H. mastersianus* in cassava field.
- 405475.** 75-100. On road to Nzega, 69 km north of Tabora, Tabora Region. Annual to 2.5 m tall. Ripe and green capsules, no flowers or leaves. Old flower remnants suggest purple. Growing in fallow field.

405410 to 405512—Continued**405412 to 405500—Continued**

- 405476.** 75-101. On Singida Road, 8 km east of Nzega, Tabora Region. Spiny annual to 2.5 m tall. Purple flowers, deeply lobed leaves. Growing in cassava field.
- 405477.** 75-102. On Singida Road, 14 km east of Nzega, Tabora Region. Spiny annual to 2.5 m tall. Ripe capsules, no flowers or leaves. Long, acuminate calyx lobes similar to other purple-flowered types in this area. Growing in fallow field.
- 405478.** 75-103. On Singida Road, 19 km east of Nzega, Tabora Region. Annual to 4 m tall. All ripe capsules, no leaves. One plant has purple flowers. Growing in fallow field.
- 405479.** 75-104. On Singida Road, 28 km east of Nzega, Tabora Region. Annual to 3 m tall. Flower color ranges from almost cream to deep purple, no leaves. Large population of plants growing in fallow field.
- 405480.** 75-105. On Singida Road, 35 km east of Nzega, Tabora Region. Annual to 3 m tall. Ripe capsules only. Long calyx lobes similar to purple-flowered type. Growing in fence row—thornbush cuttings.
- 405481.** 75-106. On Singida Road, 43 km east of Nzega, Tabora Region. Annual to 3 m tall. Ripe capsules only. Long calyx lobes similar to purple-flowered type in this area. Growing in association with *H. masterianus* in fallow field.
- 405482.** 75-107. On Singida Road, 52 km east of Nzega, Tabora Region. Annual to 4 m tall. Ripe capsules only. Long calyx lobes similar to purple-flowered type in this area. Growing in fence row.
- 405483.** 75-108. On Singida Road, 61 km east of Nzega, Tabora Region. Spiny annual to 3.5 m tall. Ripe capsules only. Long calyx lobes similar to purple-flowered type in this area. Growing in hedge row next to old cornfield.
- 405484.** 75-109. On Nzega Road, 120 km west of Singida, Singida Region. East of Wembere Mbuga Lake which is dry at this time of year. Annual to 3 m tall. Purple flowers, deeply lobed leaves. Growing in cassava field.
- 405485.** 75-110. On Arusha-Babati Road, 160 km south of Arusha, Arusha Region. Spiny annual to 2 m tall. Green and ripe capsules, no flowers or leaves. Long, acuminate calyx lobes. Growing in fallow field.
- 405486.** 75-111. On Arusha-Babati Road, 145 km south of Arusha, Arusha Region. Annual to 1.5 m tall. Ripe capsules only. Long calyx lobes. Growing in grass-thornbush plain. Wild.
- 405487.** 75-112. On Arusha-Babati Road, 139 km south of Arusha, Arusha Region. Annual to 2 m tall. Green and ripe capsules. Long calyx lobes. Old flower remnants look purple. Growing in grass and thornbush plain. Wild.
- 405488.** 75-113. On Arusha-Babati Road, 116 km south of Arusha, Arusha Region. Annual to 2 m tall. Ripe and green capsules, no flowers or leaves. Long calyx lobes. Growing in dooryard.
- 405489.** 75-114. On Arusha-Babati Road, 113 km south of Arusha, Arusha Region. Annual to 2 m tall. Ripe capsules only. Long calyx lobes. Growing in grass and thornbush plain. Wild.

405410 to 405512—Continued**405412 to 405500—Continued**

- 405490.** 75-115. Highway A-104, at turnoff on Arusha-Babati Road, 2 km south of Serengeti, Arusha Region. Annual to 2 m tall. Ripe capsules only. Growing in grassy plain. Wild.
- 405491.** 75-116. On Highway A-104, at turnoff on Arusha-Babati Road, 4 km south of Serengeti, Arusha Region. Annual to 2 m tall. Ripe capsules only. Growing in grassy plain. Wild.
- 405492.** 75-117. On Highway A-104, at turnoff on Arusha-Babati Road, 5 km south of Serengeti, Arusha Region. Annual to 1.5 m tall. Purple flowers, deeply lobed leaves. Plants have been grazed. Growing in grassy plain. Wild.
- 405493.** 75-118. On Highway A-104, at turnoff on Arusha-Babati Road, 5 km south of Serengeti, Arusha Region. Annual to 1.5 m tall. Flowers cream with purple petal spot, leaves deeply lobed. Plants have been grazed. Growing in grassy plain. Wild.
- 405494.** 75-119. On Highway A-104, at turnoff on Arusha-Babati Road, 6 km south of Serengeti, Arusha Region. Annual to 2.5 m tall. Ripe capsules only. Growing in grassy plain. Wild.
- 405495.** 75-120. On Highway A-104, at turnoff on Arusha-Babati Road, 10 km south of Serengeti, Arusha Region. Annual to 3.5 m tall. Ripe capsules only. Growing in grassy plain. Wild.
- 405496.** 75-121. On Highway A-104, at turnoff on Arusha-Babati Road, 12 km south of Serengeti, Arusha Region. Annual to 2.5 m tall. Ripe capsules only. Growing in grassy plain. Wild.
- 405497.** 75-122. On Highway A-104, at turnoff on Arusha-Babati Road, 16 km south of Serengeti, Arusha Region. Annual to 3 m tall. Ripe capsules only. Wild.
- 405498.** 75-123. On Highway A-104, at turnoff on Arusha-Babati Road, 18 km south of Serengeti, Arusha Region. Annual to 2 m tall. Ripe capsules only. Wild.
- 405499.** 75-124. Eighteen km west of Mombo on Highway B-1, Mkumbara, Tanga Region. Spiny annual to 2 m tall. Flowers purple, leaves deeply lobed. Growing in low, grassy area between road and railroad track. Wild.
- 405500.** 75-127. On Highway A-14, Tanga-Segera Road, 10 km west of Pongwe, Tanga Region. Spiny annual to 3 m tall. Cream flowers with dark purple petal spot. Deeply lobed leaves. Only plant seen here. Growing in grass meadow in open forest. Wild.

405501 to 405504. HIBISCUS DIVERSIFOLIUS Jacq. subsp. DIVERSIFOLIUS

- 405501.** 75-32. On Highway B-6, 8 km north of Nyakanga, Musoma Region. Yellow flowers. Typical of species. Growing with P.I. 405505 in *Papyrus-Typha* swamp. Wild.
- 405502.** 75-35. On Highway B-6 toward Mwanza, 15 km south of Musoma turnoff, Musoma Region. Yellow flowers. Typical of species. Growing in drainage ditch. Wild.

405410 to 405512—Continued**405501 to 405504—Continued**

405503. 75-53. On Highway B-163, Mwanza-Bukoba Road, 10 km west of Bwanga, 77 km east of Biharamulo, West Lake Region. Spreading perennial to 2 m tall. Yellow flowers with dark petal spot. Common on low ground and swamps from Mwanza to north of Biharamulo. Only yellow-flowered form seen. Growing in swamp. Wild.

405504. 75-66. Mwanza, Mwanza Region. Spreading perennial to 2 m tall. Yellow flowers with dark petal spot. Typical of species. Growing in rocks on shore of Mwanza Gulf. Wild.

405505. HIBISCUS DIVERSIFOLIUS subsp. RIVULARIS (Bremek. & Oberm.) Exell

75-31. On Highway B-6, 8 km north of Nyakanga, Musoma Region. Purple flowers and pubescent stems. Growing with P.I. 405501 in *Papyrus-Typha* swamp. Wild.

405506. HIBISCUS DONGOLENSIS Del.

75-19. On Highway A-104, 27 km west of Arusha, Arusha Region. Yellow flowers with dark petal spot. Large population of plants growing in low, grassy area. Wild.

405507 to 405509. HIBISCUS MASTERSIANUS Hiern

405507. 75-59. On Highway B-163, 27 km east of Geita, Mwanza Region. Annual to 1.5 m tall. Flowers yellow with red petal spot, pink stripe along one edge of petal. Good sized population growing in association with *H. cannabinus* in fallow field.

405508. 75-78. On Highway B-6 toward Nzega, 5 km south of Shinyanga, Shinyanga Region. Annual to 2 m tall. Green and ripe capsules, no flowers or leaves. Growing in association with *H. cannabinus* in sisal hedge. Area is an open forest of grasses, shrubs, Baobab tree and other trees.

405509. 75-85. On Itaga Road, 2 km northwest of Tabora, Tabora Region. Annual to 1.5 m tall. Yellow flowers with red petal spot. This species is a common weed of cultivated fields in Tabora area. Growing in cassava field.

405510. HIBISCUS PANDURAEFORMIS Burm. f.

75-43. On Highway B-6, Musoma-Mwanza Road, 33 km north of Mwanza, Mwanza Region. Pubescent annual to 2 m tall. Yellow flowers with purple petal spot. This species is very common in Mwanza Region. Growing on low-lying grass and sedge field. Wild.

405511. HIBISCUS SURATTENSIS L.

75-128. On Highway A-14, Tanga-Segera Road, 1 km east of Muheza, Tanga Region. Perennial, prostrate, scrambling vine with some individual shoots to 5 m tall. Yellow flowers with dark red petal spot. This plant is common from Mybeza to Segena along the road. Growing in low area with tall grasses, vines and shrubs. Wild.

405512. HIBISCUS VITIFOLIUS L.

75-20. On Highway A-104, Arusha-Dodoma Road, 58 km west of Arusha, Arusha Region. Annual to 1.5 m tall. Yellow flowers with dark petal spot. Growing in grass and thornbush scrub. Wild.

405513 to 405683. NICOTIANA TABACUM L. Solanaceae.**Tobacco.**

From United States. Seed held by Tobacco Laboratory, Plant Genetics and Germplasm Institute, Beltsville, Maryland. Received October 22, 1975.

- 405513. T.I. 125. 'Orinoco'. Java.
- 405514. T.I. 230. 'Tabaco No. 3'. Mexico.
- 405515. T.I. 291. Colombia.
- 405516. T.I. 292. Colombia.
- 405517. T.I. 293. Colombia.
- 405518. T.I. 330.
- 405519. T.I. 378. 'Stamm 160'.
- 405520. T.I. 379. 'Stamm 161'.
- 405521. T.I. 380. 'Rejina'. Romania.
- 405522. T.I. 381. 'Molovata'. Romania.
- 405523. T.I. 407.
- 405524. T.I. 447. Mexico.
- 405525. T.I. 597. 'Ynes Mexia'. Ecuador.
- 405526. T.I. 599. 'Tabaco'. Peru.
- 405527. T.I. 601. Bolivia.
- 405528. T.I. 603. Chile.
- 405529. T.I. 604. Peru.
- 405530. T.I. 607. Ecuador.
- 405531. T.I. 740. 'Punta de Lanza'. Mexico.
- 405532. T.I. 747. 'Punta de Lanza'. Mexico.
- 405533. T.I. 748. 'Tabaco Colorado'. Mexico.
- 405534. T.I. 750. 'Tabaco Colorado'. Mexico.
- 405535. T.I. 751. 'Tabaco Colorado'. Mexico.
- 405536. T.I. 1079. Peru.
- 405537. T.I. 1080. 'Guayabito'. Peru.
- 405538. T.I. 1141. 'Amarellinho'. Brazil.
- 405539. T.I. 1143. 'Chinese' × 'Amarillinho'. Brazil.
- 405540. T.I. 1145. 'Bright Yellow' × 'Yenshu'. Japan.
- 405541. T.I. 1201. Guatemala.
- 405542. T.I. 1202. Guatemala.
- 405543. T.I. 1204. Guatemala.
- 405544. T.I. 1205. South America.
- 405545. T.I. 1211. South America.
- 405546. T.I. 1212. Turkey.
- 405547. T.I. 1213. Turkey.
- 405548. T.I. 1214. Turkey.
- 405549. T.I. 1215. Turkey.
- 405550. T.I. 1216. Turkey.
- 405551. T.I. 1217. Turkey.
- 405552. T.I. 1218. Turkey.

405513 to 405683—Continued

- 405553. T.I. 1219. Turkey.
- 405554. T.I. 1221. Turkey.
- 405555. T.I. 1222. Turkey.
- 405556. T.I. 1223. Turkey.
- 405557. T.I. 1224. Turkey.
- 405558. T.I. 1225. Turkey.
- 405559. T.I. 1227. Turkey.
- 405560. T.I. 1228. Turkey.
- 405561. T.I. 1229. Turkey.
- 405562. T.I. 1230. Turkey.
- 405563. T.I. 1232. Turkey.
- 405564. T.I. 1233. Turkey.
- 405565. T.I. 1234. Turkey.
- 405566. T.I. 1235. Turkey.
- 405567. T.I. 1236. Turkey.
- 405568. T.I. 1237. Turkey.
- 405569. T.I. 1239. 'Afritz'. Spain.
- 405570. T.I. 1240. 'Brajte'. Spain.
- 405571. T.I. 1241. 'Dubeque'. Spain.
- 405572. T.I. 1242. 'Dubeque Aecitron'. Spain.
- 405573. T.I. 1243. 'Dular'. Spain.
- 405574. T.I. 1244. 'Havane'. Spain.
- 405575. T.I. 1245. 'Herzogowina'. Spain.
- 405576. T.I. 1246. 'Hongrois'. Spain.
- 405577. T.I. 1247. 'Maryland'. Spain.
- 405578. T.I. 1248. 'Muscateler'. Spain.
- 405579. T.I. 1249. 'Plantana'. Spain.
- 405580. T.I. 1250. 'Prayr'. Spain.
- 405581. T.I. 1251. 'Tike-Kulake'. Spain.
- 405582. T.I. 1252. 'Trapesund'. Spain.
- 405583. T.I. 1253. 'Virginia'. Spain.
- 405584. T.I. 1254. Yugoslavia.
- 405585. T.I. 1255. Yugoslavia.
- 405586. T.I. 1257. Philippines.
- 405587. T.I. 1259. Mexico.
- 405588. T.I. 1261. India.
- 405589. T.I. 1268. Ethiopia.
- 405590. T.I. 1269. Ethiopia.
- 405591. T.I. 1270. Ethiopia.
- 405592. T.I. 1271. Ethiopia.
- 405593. T.I. 1272. Ethiopia.
- 405594. T.I. 1274. Korea.
- 405595. T.I. 1275. Korea.

405513 to 405683—Continued

405596. T.I. 1276. Korea.
405597. T.I. 1277. Korea.
405598. T.I. 1278. Korea.
405599. T.I. 1279. Korea.
405600. T.I. 1280. Korea.
405601. T.I. 1281. Korea.
405602. T.I. 1298. Venezuela.
405603. T.I. 1315. 'Ipomopsiflora'. New Zealand.
405604. T.I. 1316. 'Colcyflora'. New Zealand.
405605. T.I. 1317. 'Adjuctiflora'. New Zealand.
405606. T.I. 1318. 'Chinensis'. New Zealand.
405607. T.I. 1320. 'Jaka Kireciler'. Yugoslavia.
405608. T.I. 1321. 'Ravnjak'. Yugoslavia.
405609. T.I. 1322. 'Bajino Bastanska Jaka'. Yugoslavia.
405610. T.I. 1323. 'Nova Crnja'. Yugoslavia.
405611. T.I. 1324. 'Tance'. Yugoslavia.
405612. T.I. 1325. 'Prilep'. Yugoslavia.
405613. T.I. 1326. 'Jaka Dzebel'. Yugoslavia.
405614. T.I. 1327. 'Vranjska Jaka'. Yugoslavia.
405615. T.I. 1329. 'Dtlja'. Yugoslavia.
405616. T.I. 1330. 'Zrenjanin'. Yugoslavia.
405617. T.I. 1331. 'Begej'. Yugoslavia.
405618. T.I. 1332. 'Krusevacki Proscan'. Yugoslavia.
405619. T.I. 1333. 'Zitkovacki Proscan'. Yugoslavia.
405620. T.I. 1334. 'Segedinska Ruza'. Yugoslavia.
405621. T.I. 1335. 'Smyrna'. Greece.
405622. T.I. 1342. '*N. chinensis*'. France.
405623. T.I. 1347. 'Praecox'. Austria.
405624. T.I. 1348. 'Sabolz'. Austria.
405625. T.I. 1349. 'Ergo'. Austria.
405626. T.I. 1350. 'Fodya'. Southern Rhodesia.
405627. T.I. 1351. 'Thuoc Bop'. Vietnam.
405628. T.I. 1352. Vietnam.
405629. T.I. 1353. 'Vizcaya'. Philippines.
405630. T.I. 1354. 'Simox'. Philippines.
405631. T.I. 1355. 'Oxsinisirn'. Philippines.
405632. T.I. 1356. 'Oxviz'. Philippines.
405633. T.I. 1357. 'Vizoxviz'. Philippines.
405634. T.I. 1358. 'Bosikappal'. India.
405635. T.I. 1359. 'N.P. 59'. India.
405636. T.I. 1360. 'Natu'. India.
405637. T.I. 1361. 'L.S. 27'. India.
405638. T.I. 1362. 'F.T. 157'. India.

405513 to 405683—Continued

405639. T.I. 1363. 'N.P. 68'. India.
405640. T.I. 1364. 'N.P. 4'. India.
405641. T.I. 1365. 'S-12-5 (Bidi)'. India.
405642. T.I. 1367. 'Jati-1'. India.
405643. T.I. 1373. 'Coroja'. Cuba.
405644. T.I. 1374. No source data.
405645. T.I. 1375. 'No. 6055'. Cuba.
405646. T.I. 1376. 'Criollo'. Cuba.
405647. T.I. 1377. 'Olor'. Puerto Rico.
405648. T.I. 1390. 'Chiengmuai'. Thailand.
405649. T.I. 1391. 'Chiengmuai'. Thailand.
405650. T.I. 1392. 'Kanburi'. Thailand.
405651. T.I. 1393. 'Linkwai'. Thailand.
405652. T.I. 1394. 'Loop Vieng Cook'. Thailand.
405653. T.I. 1395. 'Mae Tah'. Thailand.
405654. T.I. 1396. 'Muzor'. Thailand.
405655. T.I. 1397. 'Nuk'. Thailand.
405656. T.I. 1398. 'Plonk Thae'. Thailand.
405657. T.I. 1399. 'Prae'. Thailand.
405658. T.I. 1401. 'Vorstenlanden'. Java.
405659. T.I. 1402. 'Timor'. Java.
405660. T.I. 1403. 'Guacharo'. Java.
405661. T.I. 1404. 'Hybrid 382'. Java.
405662. T.I. 1414. 'Reddito'. Italy.
405663. T.I. 1415. 'Rhodesian Giant'. Rhodesia.
405664. T.I. 1426. 'R.S.E.'. Liberia.
405665. T.I. 1427. 'Sumatra B-2'. Liberia.
405666. T.I. 1440. 'V-20'. Poland.
405667. T.I. 1452. 'Remedios'. South America.
405668. T.I. 1453. 'Vuelta (Abajo)'. South America.
405669. T.I. 1454. 'Little Cuba'. South America.
405670. T.I. 1455. 'Bahia'. Brazil.
405671. T.I. 1456. 'Pina Blanca'. Honduras.
405672. T.I. 1457. 'Garcia'. Honduras.
405673. T.I. 1458. Honduras.
405674. T.I. 1465. Native tobacco. Ghana.
405675. T.I. 1466. Australia.
405676. T.I. 1478. 'Chatham'. India.
405677. T.I. 1479. 'DR-1'. India.
405678. T.I. 1480. 'Ottawa 705'. Canada.
405679. T.I. 1485. Canary Islands.
405680. T.I. 1486. 'Forcheimer'. Germany.
405681. T.I. 1487. 'Hanica'. Germany.

405513 to 405683—Continued**405682.** T.I. 1488. 'Geudertheimer III'.**405683.** T.I. 1489. 'N.F.T. 51'. Germany.**405684.** SPHINIFEX HIRSUTUS Labill. Poaceae.

From Australia. Seed presented by E. J. Harten, Secretary, Beach Protection Authority, Department of Harbours and Marine, Brisbane, Queensland. Received November 20, 1975.

South Stradbroke Island, near Brisbane.

405685 to 405687. CYAMOPSIS TETRAGONOLOBA (L.)

Taub. Fabaceae.

Guar.

From Malawi. Seed presented by N. E. A. Malenga, Shire Valley Agricultural Development Project, Hgabu. Received August 25, 1975.

405685. 'CP 78'. India.**405686.** 'FS 277'. India.**405687.** 'I.C. 9065'. India.**405688 to 405714.**

From People's Republic of China. Seed presented to S. S. Chase, Shokan, New York, by Li Ching Hsuing, Academy of Agricultural and Forestry Sciences, Peking. Received November 3, 1975.

405688 to 405692. GLYCINE MAX (L.) Merr. Fabaceae.

Soybean.

405688. 'Feng Shou No. 12'.**405689.** 'Hei Long No. 3'.**405690.** 'Tie Feng No. 3'.**405691.** 'Tie Feng No. 5'.**405692.** 'Zao Feng No. 1'.**405693 to 405699.** SETARIA ITALICA (L.) Beauv. Poaceae. **Foxtail millet.****405693.** 'Bia Sha Gu 100'.**405698.** 'Tachai Gu'. Leading variety.**405694.** 'Chang Sui Gu'.**405695.** 'Dao Ba Qi 40'.**405699.** 'Wan Nian Chen 160'.**405696.** 'Huang Gu Zi 59'.**405697.** 'Shi Liu Gu'.**405700 to 405704.** TRITICUM AESTIVUM L. Poaceae.

Common wheat.

405700. 'Dong Fang Hong No. 3'.**405703.** 'Hong Liang No. 10'.**405701.** 'Hong Liang No. 4'.**405704.** 'Nong Da No. 311'.**405702.** 'Hong Liang No. 5'.**405705 to 405714.** ZEA MAYS L. Poaceae.

Corn.

405705. 'Chan 11'. Inbred.**405711.** 'Bai Tou Shuang' (Ji 095).**405706.** 'Chi 69'. Inbred.**405707.** 'Hua 94'. Inbred.**405712.** 'Da Ba Tang' (Ji 0241).**405708.** 'Jing 03'. Inbred.**405713.** 'Da Jin Ding' (Ji 0018).**405709.** 'Tang Chao In'. Inbred.**405714.** 'Huo Bao Mi' (Ji 0235).**405710.** '84-74'. Inbred.

405715 to 405719. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Denmark. Seed presented by J. H. Jorgensen, Danish Atomic Energy Commission, Research Establishment Riso, Roskilde. Received November 26, 1975.

405715. 'Line 38/14'. BCF₃ (gene Pm2). Composite sample for plants No. 304, 320, 324, 325, and 328. Resistant to powdery mildew. Selection from ('TP114' × 'Starke') × 'Starke', BCF₁ plant No. 14, BCF₃ plant No. 2.

405716. 'Line 38/24'. BCF₃ (gene Pm6). Composite sample for plants No. 425, 441, 448, 451, and 457. Resistant to powdery mildew. Selection from ('TP114' × 'Starke') × 'Starke', BCF₁ plant No. 24, BCF₃ plant No. 10.

405717. 'Starke'. Composite sample for plants No. 3, 4, 5, 7, and 11.

405718. 'TP114'. (Genes Pm2 and Pm6). Composite sample for plants No. 106, 112, 116, 117, and 138. Resistant to powdery mildew.

405719. 'TP229'. (Gene M1-3). Composite samples for plants No. 212, 213, 224, 232, and 249. Resistant to powdery mildew.

405720 to 405914.

From Yugoslavia. Seed presented by Iazar Babamov, Zemjodelski Institute, Skopje, under Public Law 480 Project YO-ARS-26. Received October 10, 1975.

405720 to 405740. AVENA SATIVA L. Poaceae.**Common oat.**

405720. VI/11. S. Orah, Kumanovo, Macedonia.

405721. VI/12. S. Oblavci, Kumanovo, Macedonia.

405722. VI/13. S. Ruginci, Kumanovo, Macedonia.

405723. VI/14. S. Psaca, K. Palanka, Macedonia.

405724. VI/15. S. Otocica, K. Palanka, Macedonia.

405725. VI/16. S. Vetunica, K. Palanka, Macedonia.

405726. VI/17. S. Dlabocica, K. Palanka, Macedonia.

405727. VI/18. S. Duoanci, Sv. Nikole, Macedonia.

405728. VI/19. S. Gorni Balvan, Stipsko, Macedonia.

405729. VI/20. S. Krilatica, Kratovo, Macedonia.

405730. VI/21. S. Filipovci, Kratovo, Macedonia.

405731. VI/22. S. Sakulica, Kratovo, Macedonia.

405732. VI/23. S. Toplovic, Kratovo, Macedonia.

405733. VI/24. S. Zivalevo, Kratovo, Macedonia.

405734. VI/25. S. Turalevo, Kratovo, Macedonia.

405735. VI/26. S. Stracin, Kratovo, Macedonia.

405736. VI/27. S. Trnovec, Kratovo, Macedonia.

405737. VI/28. S. Griziliste, Probistip, Macedonia.

405738. VI/29. Probistip, Macedonia.

405739. VI/30. S. Kundino, Probistip, Macedonia.

405740. VI/31. S. Kukovo, Probistip, Macedonia.

405741 to 405810. HORDEUM VULGARE L. Poaceae.**Barley.**

405741. IV/49. S. Posulci, Velesko, Macedonia.

405720 to 405914—Continued**405741 to 405810—Continued**

- 405742. IV/50. S. Kalaslari, Velesko, Macedonia.
- 405743. IV/51. S. Sopot, Velesko, Macedonia.
- 405744. IV/52. S. Basino, Velesko, Macedonia.
- 405745. IV/53. S. Caska, T. Veles, Macedonia.
- 405746. IV/54. S. Posulci, T. Veles, Macedonia.
- 405747. IV/55. S. Kalaslari, T. Veles, Macedonia.
- 405748. IV/56. S. Stari grad, T. Veles, Macedonia.
- 405749. IV/57. S. Sopot, T. Velesko, Macedonia.
- 405750. IV/58. S. Vranoci, T. Veles, Macedonia.
- 405751. IV/59. S. Elovec, T. Veles, Macedonia.
- 405752. IV/60. S. Orizari, T. Veles, Macedonia.
- 405753. IV/61. S. Gradsko, T. Veles, Macedonia.
- 405754. IV/62. S. Kavadarci, Macedonia.
- 405755. IV/63. S. Trstenik, Kavadarci, Macedonia.
- 405756. IV/64. S. Drenovo, Kavadarci, Macedonia.
- 405757. IV/65. S. Manastirci, Kavadarci, Macedonia.
- 405758. IV/66. S. Resava, Kavadarci, Macedonia.
- 405759. IV/67. S. Resava, Kavadarci, Macedonia.
- 405760. IV/68. S. Vozarci, Kavadarci, Macedonia.
- 405761. IV/69. S. Vatasa, Kavadarci, Macedonia.
- 405762. IV/70. S. Sirkovo, Kavadarci, Macedonia.
- 405763. IV/71. S. Kamen Dol, Kavadarci, Macedonia.
- 405764. IV/72. S. Debriste, Kavadarci, Macedonia.
- 405765. IV/73. S. Marina, Kavadarci, Macedonia.
- 405766. IV/74. S. Orah, Kumanovo, Macedonia.
- 405767. IV/75. S. Orah, Kumanovo, Macedonia.
- 405768. IV/76. S. Nagoricani, Kumanovo, Macedonia.
- 405769. IV/77. S. Klecevc, Kumanovo, Macedonia.
- 405770. IV/78. S. Rajkova Kuka, Kumanovo, Macedonia.
- 405771. IV/79. S. Zerbenjak, Kumanovo, Macedonia.
- 405772. IV/80. S. Vojcinci, Negotino, Macedonia.
- 405773. IV/81. S. Pepeliste, Negotino, Macedonia.
- 405774. IV/82. S. Dubrovo, Negotino, Macedonia.
- 405775. IV/83. S. Krivi Dol, Stipsko, Macedonia.
- 405776. IV/84. S. Zigoica, Kocansko, Macedonia.
- 405777. IV/85. S. Krupiste, Kocansko, Macedonia.
- 405778. IV/86. S. Nikolic, Dojran, Macedonia.
- 405779. IV/87. S. Crnicino, Dojran, Macedonia.
- 405780. IV/88. S. Furka, Dojran, Macedonia.
- 405781. IV/89. Gevgelija, Macedonia.
- 405782. IV/90. S. Valurci, Gevgelija, Macedonia.

405720 to 405914—Continued**405741 to 405810—Continued**

- 405783. IV/91. S. Davoto, Macedonia.
- 405784. IV/92. S. Bogdanci, Gevgelija, Macedonia.
- 405785. IV/93. S. Marvinci, Gevgelija, Macedonia.
- 405786. IV/94. S. Bogorodica, Gevgelija, Macedonia.
- 405787. IV/95. S. Smokvica, Gevgelija, Macedonia.
- 405788. IV/96. S. Mrvenci, Gevgelija, Macedonia.
- 405789. IV/97. S. Probistip, Macedonia.
- 405790. IV/98. S. Kondino Probistip, Macedonia.
- 405791. IV/99. S. Proolo, Probistip, Macedonia.
- 405792. IV/100. S. Gugnovci, Probistip, Macedonia.
- 405793. IV/101. S. Kolnipe, Probistip, Macedonia.
- 405794. IV/102. S. Lezovo, Probistip, Macedonia.
- 405795. IV/103. S. Pisica, Probistip, Macedonia.
- 405796. IV/104. S. Slegovo, Probistip, Macedonia.
- 405797. IV/105. S. Pirava, Valandovo, Macedonia.
- 405798. IV/106. S. Josifovo, Valandovo, Macedonia.
- 405799. IV/107. S. Ginovci, Kriva Palanka, Macedonia.
- 405800. IV/108. S. Multinci, K. Palanka, Macedonia.
- 405801. IV/109. Pole Klecevce, pat za K. Palanka, Macedonia.
- 405802. IV/110. Pole Stracin, K. Palanka, Macedonia.
- 405803. IV/111. Pole Stracin, K. Palanka, Macedonia.
- 405804. IV/112. S. Blatec-Vinica, Macedonia.
- 405805. IV/113. S. Blatec, Vinica, Macedonia.
- 405806. IV/114. S. Prikovce, Kratovo, Macedonia.
- 405807. IV/115. S. Trnovac, Kratovo, Macedonia.
- 405808. IV/116. S. Zivalevo, Kratovo, Macedonia.
- 405809. IV/117. S. Talasmance, Kratovo, Macedonia.
- 405810. IV/118. S. Cesralica.

405811 to 405853. SECALE CEREALE L. Poaceae.**Rye.**

- 405811. V/32. S. Pirava, Valandova, Macedonia.
- 405812. V/33. S. Prizilevci, Probistip, Macedonia.
- 405813. V/34. S. Dunovci, Probistip, Macedonia.
- 405814. V/35. S. Lezovo, Probistip, Macedonia.
- 405815. V/36. S. Neokazi, Probistip, Macedonia.
- 405816. V/37. S. Gorjanci, Probistip, Macedonia.
- 405817. V/38. S. Lezovo, Probistip, Macedonia.
- 405818. V/39. S. Traol, Probistip, Macedonia.
- 405819. V/40. S. Pisica, Probistip, Macedonia.
- 405820. V/41. S. Kandino, Probistip, Macedonia.
- 405821. V/42. S. Dlabocica, Kriva Palanka, Macedonia.
- 405822. V/43. S. Multinci-Kriva Palanka, Macedonia.
- 405823. V/44. S. Rankovci, Kriva Palanka, Macedonia.

405720 to 405914—Continued**405811 to 405853—Continued**

- 405824.** V/45. S. Soblovce, Kriva Palanka, Macedonia.
405825. V/46. S. Psaca, Kriva Palanka, Macedonia.
405826. V/47. S. Stracin, Kriva Palanka, Macedonia.
405827. V/48. S. Ginovce, Kriva Palanka, Macedonia.
405828. V/49. S. Lubince, Kriva Palanka, Macedonia.
405829. V/50. S. Bogdanci, Gevgelisko, Macedonia.
405830. V/51. S. Valjurci, Gevgelisko, Macedonia.
405831. V/52. S. Mrzenci, Gevgelisko, Macedonia.
405832. V/53. S. S. Negoricani, Kumanovo, Macedonia.
405833. V/54. S. Klecevice, Kumanovo, Macedonia.
405834. V/55. S. Oblavce, Kumanovo, Macedonia.
405835. V/56. S. Staro Negoricane, Kumanovo, Macedonia.
405836. V/57. S. Obla vci-Kumanovo, Macedonia.
405837. V/58. S. Turalevo-Kumanovo, Macedonia.
405838. V/59. S. Galasmance, Kumanovo, Macedonia.
405839. V/60. S. Grnovac, Kratovo, Macedonia.
405840. V/61. S. Slegovo, Kratovo, Macedonia.
405841. V/62. S. Prikovci, Kratovo, Macedonia.
405842. V/63. S. Krupiste, Stipsko, Macedonia.
405843. V/64. S. Krupiste, Stipsko, Macedonia.
405844. V/65. S. Banja, Kocansko, Macedonia.
405845. V/66. S. Lipec, Vinica, Macedonia.
405846. V/67. Vinica, Macedonia.
405847. V/68. S. Blatec, Vinica, Macedonia.
405848. V/69. S. Bogoslovec, Ovce Pole, Macedonia.
405849. V/70. S. Kadrifanovo, Ovce Pole, Macedonia.
405850. V/71. S. Duoanci, Sveti Nikole, Macedonia.
405851. V/72. S. Brod, Kicevo, Macedonia.
405852. V/73. S. Mazuciste, Prilep, Macedonia.
405853. V/74. S. Lopatica, Bitolsko, Macedonia.
- 405854 to 405905.** TRITICUM AESTIVUM L. Poaceae. **Common wheat.**
- 405854.** I/20. S. Vrbjani, Prilepsko, Macedonia.
405855. I/21. S. Kojinari, Prilepsko, Macedonia.
405856. I/22. S. Krivogastani, Prilepsko, Macedonia.
405857. I/23. S. Alenci, Prilepsko, Macedonia.
405858. I/24. S. Toplocani, Prilepsko, Macedonia.
405859. I/25. S. Gouranci, Probistip, Macedonia.
405860. I/26. S. Kuidino, Probistip, Macedonia.
405861. I/27. S. Grizlevci, Probistip, Macedonia.
405862. I/28. S. Lezovo, Probistip, Macedonia.
405863. I/29. S. Kukovo, Probistip, Macedonia.

405720 to 405914—Continued**405854 to 405905—Continued**

- 405864. I/30. S. Ieokaz, Probistip, Macedonia.
- 405865. I/31. S. Trolo, Probistip, Macedonia.
- 405866. I/32. S. Petrosino, Probistip, Macedonia.
- 405867. I/33. S. Filipovci, Kratovo, Macedonia.
- 405868. I/34. S. Triovec, Kratovo, Macedonia.
- 405869. I/35. S. Slegovo, Kratovo, Macedonia.
- 405870. I/36. S. Stracin, Kratovo, Macedonia.
- 405871. I/37. S. Sakulica, Kratovo, Macedonia.
- 405872. I/38. S. Krilacita, Kratovo, Macedonia.
- 405873. I/39. S. Toplovik, Kratovo, Macedonia.
- 405874. I/40. S. Prikovci, Kratovo, Macedonia.
- 405875. I/41. S. Zivolevo, Kratovo, Macedonia.
- 405876. I/42. S. Turalevo, Kratovo, Macedonia.
- 405877. I/43. S. Lubince, Kr. Palanka, Macedonia.
- 405878. I/44. S. Psaca, Kr. Palanka, Macedonia.
- 405879. I/45. S. Otocinca, Kr. Palanka, Macedonia.
- 405880. I/46. S. Otocnica, Kr. Palanka, Macedonia.
- 405881. I/47. S. Dlabocica, Kr. Palanka, Macedonia.
- 405882. I/48. S. Ginovce, Kr. Palanka, Macedonia.
- 405883. I/49. S. Vetulica, Kr. Palanka, Macedonia.
- 405884. I/50. S. Rankovci, Kr. Palanka, Macedonia.
- 405885. I/51. Kriva Palanka, Macedonia.
- 405886. I/52. S. Bela Crkva, Resensko, Macedonia.
- 405887. I/53. S. Carina, Resensko, Macedonia.
- 405888. I/54. S. Duganci, Sv. Nikole, Macedonia.
- 405889. I/55. S. Orel, Sv. Nikole, Macedonia.
- 405890. I/56. S. Filipovci, Kratovo, Macedonia.
- 405891. I/57. S. Lezovo, Probistip, Macedonia.
- 405892. I/58. S. Gorni Balvan, Stipsko, Macedonia.
- 405893. I/59. S. Ziganci, Kocani, Macedonia.
- 405894. I/60. S. Sirkovo, Kavadarci, Macedonia.
- 405895. I/61. S. Zaec, Kicevsko, Macedonia.
- 405896. I/62. S. Lubaniste, Ohridsko, Macedonia.
- 405897. I/63. S. Srpci, Bitolsko, Macedonia.
- 405898. I/64. S. Bac, Bitolsko, Macedonia.
- 405899. I/65. S. Zabjani, Bitolsko, Macedonia.
- 405900. I/66. S. Lopatica, Demir Hisar, Macedonia.
- 405901. I/67. S. Klecovci, Kumanovsko, Macedonia.
- 405902. I/68. S. Oblovci, Kumanovsko, Macedonia.
- 405903. I/69. S. Ruginci, Kumanovsko, Macedonia.
- 405904. I/70. S. Lipec, Vinica, Macedonia.
- 405905. I/71. S. Rajkovi kuci, Kumanovsko, Macedonia.

405720 to 405914—Continued

405906 to 405909. TRITICUM DURUM Desf. **Durum wheat.**

405906. II/2. S. Sirkovo, Kavadarci, Macedonia.

405907. II/3. S. Dolni Balvan, Stipsko, Macedonia.

405908. II/4. S. Manastirec, Kavadarci, Macedonia.

405909. II/5. S. Gorni Balvan, Stipsko, Macedonia.

405910 to 405914. TRITICUM TURGIDUM L. **Poulard wheat.**

405910. III/4. S. Pletvar, Prilepsko, Macedonia.

405911. III/5. S. Orovnik, Ohridsko, Macedonia.

405912. III/6. S. Ljubaniste, Ohridsko, Macedonia.

405913. III/7. S. Orovnik, Ohridsko, Macedonia.

405914. III/8. S. Meseiste, Ohridsko, Macedonia.

405915. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Senegal. Seed presented by B. Garet, Centre National de Recherches Agronomique, Bambej. Originally introduced from India. Received January 5, 1976.

PI 105 Y. Very short growing season. Cultivated.

405916 to 405923. ORYZA SATIVA L. Poaceae. **Rice.**

From India. Seed presented by G. M. Reddy, Department of Genetics, Osmania University, Andhra Pradesh, through Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received January 2, 1976.

405916. 'Dwarf-2'. Plant to 74 cm tall. 100 to 105 days to maturity.

405917. 'Dwarf-3'. Plant to 71 cm tall. 87 to 92 days to maturity.

405918. 'Dwarf-4'. Plant to 77 cm tall. 85 to 90 days to maturity.

405919. 'Dwarf-5'. Plant to 69 cm tall. 100 to 105 days to maturity.

405920. 'Dwarf-6'. Plant to 56 cm tall. 105 to 110 days to maturity.

405921. 'IR8 Early Maturing-1'. Plant to 62 cm tall. 115 to 120 days to maturity.

405922. 'IR-8 Extreme Dwarf-1'. Plant to 52 cm tall. 140 to 145 days to maturity.

405923. 'Semi-Dwarf-4'. Plant to 94 cm tall. 95 to 100 days to maturity.

405924 to 405930. COFFEA ARABICA L. Rubiaceae. **Coffee.**

From Portugal. Seed presented by C. J. Rodrigues, Jr., Director, Centro de Investigacao das Ferrugens do Cafeeiro, Estacao Agronomica Nacional, Oeiras. Received June 11, 1975.

405924. H. 373/44. 10 (Bourbon 43— 7 × R P 13) × HW 26/9. F₂.

405925. H. 419/20. 1535/33 (Mundo Novo) × HW 26/13. F₂.

405926. H. 419/25. 1535/33 (Mundo Novo) × HW 26/13. F₂.

405927. H. 420/2. 1535/33 (Mundo Novo) × HW 26/14. F₂.

405928. H. 420/10. 1535/33 (Mundo Novo) × HW 26/14. F₂.

405929. H. 486/76. (19/1 × 113/2) × (19/1 × 1344/19). F₂.

405924 to 405930—Continued

405930. H. 502/25. (19/1 × 32/1) × (19/1 × 1344/19). F₂.

405931 and 405932.

From Spain. Seed presented by Cesar Gomez-Campo, Universidad Politecnica, Escuela Technica Superior de Ingenieros Agronomos, Madrid. Received October 14, 1975.

405931. CRAMBE HISPANICA var. GLABRATA (DC.) Coss. Brassicaceae.

3879. Castelleo de Santiago, 200 km south of Madrid. Limestones. September 14, 1975.

405932. CRAMBE KRALIKII Coss.

3647. Gorges du Todra (E. Gorges du Dades), Morocco. June 6, 1975. Same general area as P.I. 388799 and P.I. 388800.

405933. ARACHIS MONTICOLA Krapovickas & Rigoni Fabaceae.

From Argentina. Seed presented 1955 by V. A. Rigoni, Agricultural Experiment Station, Manfredi. Received December 15, 1975.

T-1119. Selection from seed collected originally in Yala, Jujuy Province, May 23, 1950. An annual decumbent, tetraploid (2n=40) species with bi-articulated pods. Widely used in interspecific hybridization since 1958. One parent of cultivar 'Spancross'.

405934 and 405935. TRIFOLIUM AMBIGUUM Bieb. Fabaceae.

Kura clover.

From Australia. Seed presented by Plant Introduction Section, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra through J. C. Burton, Nitragin Company, Milwaukee, Wisconsin. Received December 16, 1975.

405934. 'Summit'.

405935. 'Treeline'.

405936 and 405937.

From United States. Plants held by United States National Arboretum, Agricultural Research Service, Washington, D.C. Received January 13, 1976.

405936. × CUPRESSOCYPARIS LEYLANDII (A. B. Jackson & Dallim.) Dallim. Pinaceae.

NA 38186. 'Silver Dust'. A white variegated sport of *X C. leylandii* 'Leighton Green' noted by Sylvester G. March at the National Arboretum in 1960 in propagations of plants received from University of Washington Arboretum, Seattle, Washington NA 4464.

405937. EURYA JAPONICA Thunb. Theaceae.

NA 38185. 'Winter Wine'. Purple-leaved, compact growing selection made by Sylvester G. March in 1963 from a group of seedlings of *E. japonica* NA 17723, P.I. 275391, collected in the wild at Klyosake Ayukawa, Miyagi Prefecture, Japan.

405938 to 405942. SACCHARUM (hybrid) Poaceae.**Sugarcane.**

From Tanzania. Cuttings presented by Sugar Cane Breeding Station through East African Agriculture and Forestry Research Organization, Dar-es-Salaam. Received January 23, 1976.

- 405938.** EA 6902—'Co 421' × 'Co 301'.
405939. EA 6906—'Co 718' × 'CP 44-101'.
405940. EA 6907—'CP 34-79' × 'Co 449'.
405941. EA 6909—'NCo 349' × 'CP 44-101'.
405942. US 56-37-9.

405943 to 406022.

From Iran. Seed collected August 1975 by P. F. Knowles, Department of Agronomy and Range Sciences, University of California, Davis, California. Received October 22, 1975.

405943. CARTHAMUS (hybrid) Asteraceae.

KN 140. Bahar area, Kariz village, northwest of Hamadan. F₁ between *C. tinctorius* and *C. oxyacanthus*. Plant intermediate between species. Spiny and mostly yellow flowers. Wild.

405944 and 405945. CARTHAMUS GLAUCUS Bieb.

405944. KN 111. One km south of Dashaghul, 35 km south of Rezaiyeh. Medium-sized heads, blue flowers. Growing on roadside and field. Wild.

405945. KN 127. Near Malavi, 16 km east of fork in road. Typical with blue flowers. Mostly dried flowers or ripe. Growing at edge of field in association with *C. lanatus* subsp. *turkestanicus* and *C. oxyacanthus*. Wild.

405946. CARTHAMUS LANATUS subsp. TURKESTANICUS (M. Pop.) Hanelt

KN 125. Malavi, 5 km north of fork in road. Typical, mostly ripe. Growing on roadside in association with *C. oxyacanthus* and other weeds. Wild.

405947 to 405953. CARTHAMUS OXYACANTHUS Bieb.

405947. KN 101. Twenty km northwest of Rezaiyeh. Plants probably began development in the fall of 1974. Typical of species otherwise. May have winter tolerance. Growing on roadside and field. Wild.

405948. KN 102. Intersection near Mowana, 11 km southeast of Sero, 44 km northwest of Rezaiyeh. Plants probably began development in the fall of 1974. Typical of species otherwise. May have tolerance of low winter temperatures. Growing on roadside. Wild.

405949. KN 103. Lake Rezaiyeh. Typical of species. Growing at entrance to public bathing beach in saline soil. Wild.

405950. KN 110. Dashaghul, 34 km south of Rezaiyeh. Typical of species. Bulk collection of plants with no *Ramularia*. May have resistance. Wild.

405951. KN 123. Near Sargah, 45 km north of Sanandaj. Typical of species. May have cold tolerance. Growing at fairly high altitude. Wild.

405952. KN 126. Near Malavi, 2 km east of fork in road. Plant 10 to 40 cm high, flowering, ripe heads. Growing at roadside and bank of river. Wild.

405943 to 406022—Continued**405947 to 405953—Continued**

405953. KN 133. Twenty-seven km south of Hamadan. Typical of species. Both ripe and green heads. May have cold tolerance. Growing on roadside. Wild.

405954 to 406020. CARTHAMUS TINCTORIUS L. Safflower.

405954. KN 104. Grown by farmer Hassan Sadat at Shangural Paul village, 10 km north of Rezaiyeh. Spiny with red flowers. Used for flowers. Local name Churak Gule. Cultivated.

405955. KN 105. Jubtarash village, 12 km south of Rezaiyeh. Spiny, red flowers. Still green. Some plants with resistance to *Ramularia*. Similar to P.I. 405956. Local name Kah'lee. Cultivated.

405956. KN 106. Jubtarash village, 12 km south of Rezaiyeh. Spiny, red flowers. Still green. Bulk seed of 3 plants with resistance to, or escapes from, *Ramularia*. Local name Kah'lee or Kah'li. Cultivated.

405957. KN 107. Dashaghul, 34 km south of Rezaiyeh. Spineless, red flowers. Bulk of several plants growing in small field of vegetables. Powdery mildew on some plants, some *Phytophthora* root rot. Some may have resistance to *Ramularia*. Local name Kah'li. Cultivated.

405958. KN 108. Dashaghul, 34 km south of Rezaiyeh. A single plant which may have resistance to *Ramularia*. Local name Kah'li. Cultivated.

405959. KN 109. Dashaghul, 34 km south of Rezaiyeh. A single plant selection which may have resistance to *Ramularia*. Local name Kah'li. Cultivated.

405960. KN 113. Bazaar in Mahabad. Local name Kah'li. Cultivated.

405961. KN 114. Bazaar in Miyandoab. Cultivated.

405962. KN 115. Bazaar in Bukan. Sample No. 1. Cultivated.

405963. KN 116. Bazaar in Bukan. Sample No. 2. Cultivated.

405964. KN 117. Ahmadabad, 12 km east of Bukan. Kosruh Khan's farm. A few of species with spineless and spiny types present. Used for flowers. Some have powdery mildew. Cultivated.

405965. KN 118. Grown by farmer Mohamd Rashidi at Tikan-Tapeh village, 20 km east of Bukan. Sample No. 1. Spiny and spineless with red and orange flowers. *Bremia* present. Cultivated.

405966. KN 119. Tikan-Tapeh, 20 km east of Bukan. Sample No. 2. Spiny and spineless plants with orange and red flowers. Cultivated.

405967. KN 120. Grown by farmer Atta Badri at Badr-Abad, 8 km south of Saqqez. Spineless to slight spines with red flowers. Used for flowers. Cultivated.

405968. KN 121. Bazaar in Sanandaj. Sample No. 1. Cultivated.

405969. KN 122. Bazaar in Sanandaj. Sample No. 2. Cultivated.

405970. KN 124. Grown by farmer Housin at Mahi-Dachad, 20 km west of Kermanshah. Spineless with orange flowers. Used for flowers. Grown as border planting to a vegetable garden. Cultivated.

405971. KN 128. Border planting 1974 near Azna. Spineless with orange flowers. Plants stored in office of Oilseed Company. One head taken from each plant. Cultivated.

405972. KN 129. Bazaar in Borujerd. Sample No. 1. Cultivated.

405943 to 406022—Continued**405954 to 406020—Continued**

- 405973.** KN 130. Bazaar in Borujerd. Sample No. 2. Cultivated.
- 405974.** KN 131. Bazaar in Borujerd. Sample No. 3. Cultivated.
- 405975.** KN 132. Bazaar in Malayer. Reported to come from Hamadan. Cultivated.
- 405976.** KN 134. Bazaar in Hamadan. Sample No. 1. Cultivated.
- 405977.** KN 135. Bazaar in Hamadan. Sample No. 2. Cultivated.
- 405978.** KN 136. Bazaar in Hamadan. Sample No. 3. Cultivated.
- 405979.** KN 137. Bazaar in Hamadan. Sample No. 4. Cultivated.
- 405980.** KN 138. Bahar area, Ghrogh village, northwest of Hamadan. Mostly spiny, a few spineless, with mostly orange flowers. Seeds used in producing cheese. Cultivated.
- 405981.** KN 139. Bahar area, Kariz village, northwest of Hamadan. Mostly spineless with orange flowers. Some introgression from *C. oxyacanthus*. Cultivated.
- 405982.** KN 141. Plant & Seed Improvement Institute, Varamin. LR-V-51/13. Winter type. Cultivated.
- 405983.** KN 142. Plant & Seed Improvement Institute, Varamin. LR-V-51/51. Winter type. Cultivated.
- 405984.** KN 143. Plant & Seed Improvement Institute, Varamin. LR-V-51/49. Winter type. Cultivated.
- 405985.** KN 144. Plant & Seed Improvement Institute, Varamin. LR-V-51/697. Winter type. Outstanding in yield tests. Cultivated.
- 405986.** KN 145. Plant & Seed Improvement Institute, Varamin. V-50/241. Spring type. Cultivated.
- 405987.** KN 146. Plant & Seed Improvement Institute, Varamin. V-50/243. Spring type. Cultivated.
- 405988.** KN 147. Plant & Seed Improvement Institute, Varamin. V-50/237. Spring type. Cultivated.
- 405989.** KN 148. Plant & Seed Improvement Institute, Varamin. V-49/307. Spring type. Cultivated.
- 405990.** KN 149. Plant & Seed Improvement Institute, Varamin. V-49/848. Spring type. Drought resistant. Cultivated.
- 405991.** KN 150. Plant & Seed Improvement Institute, Varamin. D-52/530. Spring type. Cultivated.
- 405992.** KN 151. Plant & Seed Improvement Institute, Varamin. D-52-380. Spring type. Five days earlier than 'N-10'. Cultivated.
- 405993.** KN 152. Plant & Seed Improvement Institute, Varamin. D-52-667. Spring type. Cultivated.
- 405994.** KN 153. Plant & Seed Improvement Institute, Varamin. D-52-531. Spring type. Cultivated.
- 405995.** KN 154. Plant & Seed Improvement Institute, Varamin. D-52-386. Spring type. Cultivated.
- 405996.** KN 155. Plant & Seed Improvement Institute, Varamin. D-52-192. Spring type. Three days earlier than 'N-10'. Cultivated.

405943 to 406022—Continued**405954 to 406020—Continued**

- 405997.** KN 156. Plant & Seed Improvement Institute, Varamin. V-51/426. Spring type. Cultivated.
- 405998.** KN 157. Plant & Seed Improvement Institute, Varamin. V-51/263. Spring type. Cultivated.
- 405999.** KN 158. Plant & Seed Improvement Institute, Varamin. V-51/202. Spring type. Cultivated.
- 406000.** KN 159. Plant & Seed Improvement Institute, Varamin. V-51/211. Spring type. Cultivated.
- 406001.** KN 160. Plant & Seed Improvement Institute, Varamin. V-51/287. Spring type. Cultivated.
- 406002.** KN 161. Plant & Seed Improvement Institute, Varamin. LR-V-51-33. Winter type. Cultivated.
- 406003.** KN 201. Pazardalue, 30 km north of Azna. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406004.** KN 202. Fin, 15 km south of Azna. Sample No. 1. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406005.** KN 203. Fin, 16 km south of Azna. Sample No. 2. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406006.** KN 204. Marziyan, 20 km south of Azna. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406007.** KN 205. Tanhack, 7 km south of Azna. Sample No. 1. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406008.** KN 206. Tanhack, 7 km south of Azna. Sample No. 2. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406009.** KN 207. About 2 km south of Azna. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406010.** KN 208. Turre, 50 km south of Arak. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406011.** KN 209. Gheshlashi, 60 km south of Arak. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406012.** KN 210. Zaliun, 72 km south of Arak. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406013.** KN 211. Dojuff, 78 km south of Arak. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406014.** KN 212. Far, 40 km south of Arak. Used for flowers. Local name Gulle Koshak. Cultivated.
- 406015.** KN 213. Shernan, 28 km north of Arak. Used for flowers. Local name Gulle Ghaghajelle. Cultivated.
- 406016.** KN 214. Shahsanaran, 34 km north of Arak. Used for flowers. Local name Gulle Ghaghajelle. Cultivated.
- 406017.** KN 215. Dezezhan, 55 km west of Ghom. Used for flowers. Local name Gulle Ghadram. Cultivated.
- 406018.** KN 216. Dehkohehi, 32 km northwest of Burojured. Sample No. 1. Used for flowers. Cultivated.

405943 to 406022—Continued**405954 to 406020—Continued**

406019. KN 217. Dehkohehi, 35 km northeast of Burojured. Sample No. 2. Used for flowers. Cultivated.

406020. KN 218. Dehkohehi, 37 km northeast of Burojured. Sample No. 3. Used for flowers. Cultivated.

406021. CENTAUREA sp. Asteraceae.

KN 112. One km south of Dashaghul, 35 km south of Rezaiyeh. Plant to 1 m high. Ripe, spineless, single plant. Wild.

406022. HELIANTHUS ANNUUS L. Asteraceae. **Sunflower.**

KN 100. Confectionary store, Rezaiyeh. Seed very long, larger than average. Reported to come from Khoy. Sunflowers in Khoy area are generally affected by downy mildew. Cultivated.

406023 and 406024.. ORYZA SATIVA L. Poaceae. Rice.

From Philippines. Seed presented by International Rice Research Institute, Los Banos, Laguna. Received December 3, 1975.

406023. IR 32.

406024. IR 34.

406025 to 406105. ORYZA SATIVA L. Poaceae. Rice.

From Philippines. Seed presented by T. T. Chang, The International Rice Research Institute, Manila. Received November 13, 1975.

406025. 'Ahmee-puthe'. 5735. Burma.

406026. 'Amritsari HR 22'. 6394. India.

406027. 'Andi from N. Pokhara'. United States.

406028. 'Badshabhog'. 5753. India.

406029. 'Badshabhog'. 4804. Scented. India.

406030. 'Basmati (C-5888)'. 9035. Pakistan.

406031. 'Basmati T3'. 6447. India.

406032. 'C46-15'. 6786. Burma.

406033. 'Ca 435/b/5/1'. 6350. Indonesia.

406034. 'Ca 902/b/2/1'. 6349. Chad.

406035. 'Ca 902/b/2/2'. 6382. India.

406036. 'Ca 902/b/3/3'. 6347. Chad.

406037. 'Chugoku 31'. 30328. Japan.

406038. 'Colombia 1'. 19293. Colombia.

406039. 'Colombia 2'. 19294. Colombia.

406040. 'Colombia 3'. 19295. Colombia.

406041. 'Ctg 1516'. 8704. Bangladesh.

406042. 'D-25-4'. 6806. Burma.

406043. 'D-44-1'. 6804. Burma.

406044. 'DB-3'. 8361. Bangladesh.

406045. 'DD-6'. 8608. Bangladesh.

406046. 'DD-48'. 8620. Bangladesh.

406025 to 406105—Continued

- 406047. 'DD-89'. 8644. Bangladesh.
- 406048. 'DD-91'. 8645. Bangladesh.
- 406049. 'Dissi Hatif (DH2)'. 7802. Senegal.
- 406050. 'DL-2'. 8591. Bangladesh.
- 406051. 'DL-5'. 8593. Bangladesh.
- 406052. 'DL-9'. 8596. Bangladesh.
- 406053. 'DL-10'. 8597. Bangladesh.
- 406054. 'DL-12'. 8599. Bangladesh.
- 406055. 'DM-59'. 8779. Bangladesh.
- 406056. 'DNJ-60'. 8375. Bangladesh.
- 406057. 'DNJ-129'. 8463. Bangladesh.
- 406058. 'DNJ-131'. 8435. India.
- 406059. 'DNJ-142'. 8426. Bangladesh.
- 406060. 'DNJ-146'. 8425. Bangladesh.
- 406061. 'Donduni Kunluz'. 7535. Afghanistan.
- 406062. 'DZ 193'. 8517. Bangladesh.
- 406063. 'H-5'. 156. Sri Lanka.
- 406064. 'Huan-sen-goo'. 4619. China.
- 406065. 'J-519'. 4089. United States.
- 406066. 'Jhum Paddy 7'. 5796. India.
- 406067. 'Laka'. 4217. Indonesia.
- 406068. 'M-302'. 154. Sri Lanka.
- 406069. 'Macan Tago'. 5827. Philippines.
- 406070. 'Mekeo White'. 11146. Papua New Guinea.
- 406071. '41 Mushkan'. 6418. Bangladesh.
- 406072. 'N-12'. 3716. Japan.
- 406073. 'No. 79'. 3390. India.
- 406074. 'NP 97'. 3700. India.
- 406075. 'Padang Trengganu 22'. 11139. Malaysia.
- 406076. 'Pah Leuad'. 24443. Thailand.
- 406077. 'Pah Leuad 29-8-111'. 175. Thailand.
- 406078. 'P.I. 184675-2'. 7366. Iran.
- 406079. 'P.I. 184675-4'. 7368. Iran.
- 406080. 'Ptb 9 (Thavalakkanan)'. 6274. India.
- 406081. 'Ptb 26 (Chen Kayama)'. 6301. India.
- 406082. 'Ptb 30 (Chuvanna Modan)'. 6304. India.
- 406083. 'Pusur'. 8350. Bangladesh.
- 406084. 'Rajbhog N 22'. 6264. India.
- 406085. 'Ram Tulasi'. 181. India.
- 406086. 'Ram Tulasi'. 178. Selection. India.
- 406087. 'S 12 O.Z.K.'. 3747. India.
- 406088. 'S 20 J.K.W.'. 6822. Pakistan.
- 406089. 'S 39 J.K.W.'. 6836. Pakistan.

406025 to 406105—Continued

406090. 'Samba'. 8916. Sri Lanka.
 406091. 'Simpangan Kuning'. 5472. Malaysia.
 406092. 'Slo 16 (Kasipchodi)'. 6378. India.
 406093. 'Soavina'. 9012. Gambia.
 406094. 'St 1'. 30329. Japan.
 406095. 'Surjamkuhi'. 8256. India.
 406096. 'T 3'. 3694. India.
 406097. 'T 23'. 6433. India.
 406098. 'Ta-poo-z'. 4285. China.
 406099. 'TD 58'. 8288. Thailand.
 406100. 'TD 68'. 8294. Thailand.
 406101. 'Trang Cut L. 11'. 200. Vietnam.
 406102. 'Unblatuzy Valley Sugar Co.'. 3440. India.
 406103. 'W.R.C. 4'. 5801. India.
 406104. '268b/Pr/8.1.1'. 7623. Indonesia.
 406105. '818-3 BR 9'. 5881. India.

406106 to 406131. ZEA MAYS L. Poaceae.**Corn.**

From South Africa. Seed presented by H. O. Gevers, Director, Natal Region, Pietermaritzburg through Department of Agricultural Technical Services, Pretoria. Received January 9, 1976.

406106. Inbred A14NW. OH45R.³ HtN. White.
 406107. Inbred A57N. OH45R.² HtN. Yellow.
 406108. Inbred A98NW. OH45R.² White.
 406109. Inbred A166N. C103.³ HtN. Yellow.
 406110. Inbred A178N. C103.³ HtN. Yellow.
 406111. Inbred A190N. C103.³ HtN. Yellow.
 406112. Inbred A214N. B68.² HtN. Yellow.
 406113. Inbred A266N. B68.² HtN. Yellow.
 406114. Inbred A319N. MO12.³ HtN. Yellow.
 406115. Inbred A328NW. K64rO.⁴ HtN. White.
 406116. Inbred A347NW. K64rO.⁴ HtN. White.
 406117. Inbred A359NW. K64rO.⁴ HtN. White.
 406118. Inbred A509N. B37.² HtN. Yellow.
 406119. Inbred A553N. B37.² HtN. Yellow.
 406120. Inbred A553N. B37.² HtN. Yellow.
 406121. Inbred A554N. B37.² HtN. Yellow.
 406122. Inbred A564N. HY.⁴ HtN. Yellow.
 406123. Inbred A579N. HY.⁴ HtN. Yellow.
 406124. Inbred A622N. B57.⁴ HtN. Yellow.
 406125. Inbred A641N. B14A.⁴ HtN. Yellow.
 406126. Inbred A661N. B14A.⁴ HtN. Yellow.
 406127. Inbred A664N. B14A.⁴ HtN. Yellow.

406106 to 406131—Continued

406128. Inbred A691N. W22.⁴ HtN. Yellow.
 406129. Inbred A759NW. K64.⁴ HtN. White.
 406130. Inbred A797NW. K64.⁴ HtN. White.
 406131. Inbred A797NW. K64.⁴ HtN. White.

406132 to 406138. ZEA MAYS L. Poaceae**Corn.**

From Philippines. Seed presented by the University of the Philippines, Los Banos, Laguna. Reproduced by Plant Disease Research Laboratory, Frederick, Maryland. Received November 4, 1974.

406132. Phil. DMR 1. 'MIT Var. 2' × 'Cuba Gpo P. Yellow kernels.
 406133. Phil. DMR 2. 'College White' × 'Tuxpeno'. White kernels.
 406134. Phil. DMR 3. 'MIT Var. 2' × 'Flint Composite Amarillo'. Yellow kernels.
 406135. Phil. DMR 4. 'MIT Var 2' × 'Flint Composite Amarillo'. White kernels.
 406136. Phil. DMR 5. 'MIT Var. 2' × 'Cupurico'. Yellow kernels.
 406137. Phil. DMR 6. 'Eto Blanco' × 'Aroman White Flint'. White kernels.
 406138. Phil. DMR 13. No data.

406139 to 406165. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From Canada. Seed presented by A. E. Slinkard, Crop Development Centre, University of Saskatchewan, Saskatoon, Saskatchewan. Received December 30, 1975.

406139. 503-75. 'Alberta Brown'.
 406140. 504-75. 'Bauernfreude'.
 406141. 505-75. 'Borinqueen'.
 406142. 506-75. 'Cer Starozagorski'.
 406143. 507-75. 'Chevrier'.
 406144. 508-75. 'Coffer'.
 406145. 509-75. 'Dutch Brown'.
 406146. 510-75. 'Edogava Zurunacki Namame'.
 406147. 511-75. 'Fin de Bagnols'.
 406148. 512-75. 'Finalto'.
 406149. 513-75. 'Green Pack'.
 406150. 514-75. 'Imperial Flat'.
 406151. 'Imperial Pea'.
 406152. 515-75. 'Japan Tebo'.
 406153. 516-75. 'Medusa'.
 406154. 517-75. 'Metis Eclipy da Cornetto'.
 406155. 518-75. 'Norwegian Brown'.
 406156. 519-75. 'Norwhite'.
 406157. 520-75. 'Nikos'.
 406158. 521-75. 'Peter's Yellow Eye'.

406139 to 406165—Continued

- 406159.** 522-75. 'Polish Pea.'
406160. 523-75. 'Polish White Extra'.
406161. 524-75. 'St. Andees'.
406162. 525-75. 'St. Exprit Aoel Rouge'.
406163. 526-75. 'Saxa'.
406164. 527-75. 'Widusa'.
406165. 528-75. 'Swedish Brown'.

406166 to 406171.

From Kenya. Seed presented by L.J.M. van Soest, National Agricultural Research Station, Kikambala, Received November 20, 1975.

- 406166.** *CHLORIS MOSSAMBICENSIS* Schum. Poaceae.

FAO No. 2185-2189. Malindi-Merikano Road, 25 km. Coast Province, Kilifi District. Elevation 60 m. May 26, 1975. Stoloniferous perennial resembling rhodesgrass but with lower herbage and shorter stolons. Fairly drought tolerant.

- 406167.** *DIGITARIA MOMBASANA* C. E. Hubb. Poaceae.

Coast Province. Elevation 10 to 100 m. May 2, 1975. Small tufts, with numerous horizontal slender stolons from the base and many rooting nodes. Grows in comparatively moist grassland on the Kenya Coast often under coconut and cashewnut trees.

- 406168.** *PANICUM INFESTUM* Anderss. Poaceae.

FAO 1722-1726. Kikambala, 24 km north of Mombasa. Coast province, Kilifi District. Elevation 30 m. April 11, 1975. Tufted perennial grass up to 1.5 m high. Widespread in Coast Province and often found on the edges of swamps. Reasonable drought resistance and is palatable to stock.

- 406169.** *RHYNCHOSIA MINIMA* (L.) DC. var. *MINIMA* Fabaceae.

FAO No. Mtw-L-131. Along old Tanga Road, 12 km. Coast Province, Kwale District. Elevation 150 m. February 19, 1975. Spreading or occasionally climbing herb with long slender stems. Long growing period and fairly drought resistant. Leaves trifoliolate, flowers on short pedicels in lax, short, 5 to 10 cm axillary racemes. Flowers yellow, pods small 7 to 25 mm, brown, flat, slightly curved. Widely distributed in Kenya. Palatable to cattle, eaten less willingly by sheep.

- 406170.** *TERAMNUS LABIALIS* (L.) Spreng. Fabaceae.

FAO No. Mtw-L-62. Mtwapa, 20 km North of Mombasa near Indian Ocean. Coast Province, Kilifi District. Elevation 10 to 20 m. September 9, 1975. Creeping, climbing perennial legume with very long slender stems. Leaves trifoliolate. Small flowers, white, pink or purplish. Pods linear, 2 to 6 cm long. Seeds dark brown. Said to be palatable to livestock.

- 406171.** *TERAMNUS REPENS* (Taub.) E. G. Baker

FAO No. Mtw-L-63. Mtwapa, 20 km North of Mombasa near Indian Ocean. Coast Province, Kilifi District. Elevation 10 to 20 m. September 9, 1975. Spreading or occasionally climbing legume with slender stems. Leaves trifoliolate. Small flowers, white, pink, or pale mauve. Pods linear, curved 2.2 to 4 cm long. Seeds reddish, brown, or black. Forms a perennial mat and is palatable to livestock.

406172 to 406249. ZEA MAYS L. Poaceae. Corn.
From Yugoslavia. Seed collected 1975 in Macedonia Republic and presented by
Lazar Babamoc, Zemjodelski Institut, Skopje under Public Law 480 Project
YO-ARS-26. Received January 1, 1976.

- 406172. VIII/82. Rakovec, T. Veles.
- 406173. VIII/83. Busolci, T. Veles.
- 406174. VIII/84. Izvor, T. Veles.
- 406175. VIII/85. Kamen Dol, Kavadarci.
- 406176. VIII/86. Mrzen, Kavadarci.
- 406177. VIII/87. Marena, Kavadarci.
- 406178. VIII/88. Konopiste, Kavadarci.
- 406179. VIII/89. Krnjevo, Kavadarci.
- 406180. VIII/90. Berovo, Kavadarci.
- 406181. VIII/91. Smokvica, Gevgelija.
- 406182. VIII/92. Nickolic, Gevgelija.
- 406183. VIII/93. Lukovica, Delcevo.
- 406184. VIII/94. Bigla, Delcevo.
- 406185. VIII/95. Ocipala, Delcevo.
- 406186. VIII/96. Staner, Delcevo.
- 406187. VIII/97. Trapotiviste, Delcevo.
- 406188. VIII/98. Pancarevo, Delcevo.
- 406189. VIII/99. Pehcevo.
- 406190. VIII/100. Skoimirovo, Pehcevo.
- 406191. VIII/101. Vladimirovo, Berovo.
- 406192. VIII/102. Rusinovo, Berovo.
- 406193. VIII/103. Rakovec, T. Veles.
- 406194. VIII/104. Konopiste, Kavadarci.
- 406195. VIII/105. Gorna Bosava, Kavadarci.
- 406196. VIII/106. Barovo, Kavadarci.
- 406197. VIII/107. Besvici, Kavadarci.
- 406198. VIII/108. Elovec, T. Veles.
- 406199. VIII/109. Kalaslari, T. Veles.
- 406200. VIII/110. Kalaslari, T. Veles.
- 406201. VIII/111. Golozinci, T. Veles.
- 406202. VIII/112. Marena, Kavadarci.
- 406203. VIII/113. Gorna Bosava, Kavadarci.
- 406204. VIII/114. Josifovi, Gevgelija.
- 406205. VIII/115. Crnicani, Gevgelija.
- 406206. VIII/116. Pirava, Gevgelija.
- 406207. VIII/117. Miravci, Gevgelija.
- 406208. VIII/118. Miravci, Gevgelija.
- 406209. VIII/119. Bigla, Delcevo.

406172 to 406249—Continued

- 406210. VIII/120. Trapoviste, Delcevo.
- 406211. VIII/121. Vladimirovo, Berovo.
- 406212. VIII/122. Ratovo, Berovo.
- 406213. VIII/123. Kalaslari, T. Veles.
- 406214. VIII/124. Golozinci, T. Veles.
- 406215. VIII/125. Izvor, T. Veles.
- 406216. VIII/126. Mrzeno, Kavadarci.
- 406217. VIII/127. Krnjevo, Kavadarci.
- 406218. VIII/128. Josifovo, Gevgelija.
- 406219. VIII/129. Lukovica, Delcevo.
- 406220. VIII/130. Kalimanci, Delcevo.
- 406221. VIII/131. Grad, Delcevo.
- 406222. VIII/132. Virce, Delcevo.
- 406223. VIII/133. Trapotiviste, Delcevo.
- 406224. VIII/134. Vladimirovo, Berovo.
- 406225. VIII/135. Pirava, Gevgelija.
- 406226. VIII/136. Stari Grad, T. Veles.
- 406227. VIII/137. Kalaslari, T. Veles.
- 406228. VIII/138. Busolci, T. Veles.
- 406229. VIII/139. Lazec, Bitola.
- 406230. VIII/140. Dolna Bosava, Kavadarci.
- 406231. VIII/141. Barovo, Kavadarci.
- 406232. VIII/142. Nikolic, Gevgelija.
- 406233. VIII/143. Miravci, Gevgelija.
- 406234. VIII/144. Grad, Delcevo.
- 406235. VIII/145. Virce, Delcevo.
- 406236. VIII/146. Trapotiviste, Delcevo.
- 406237. VIII/147. Pancarevo, Delcevo.
- 406238. VIII/148. Skoimirovo, Pehcevo.
- 406239. VIII/149. Vladimirovo, Berovo.
- 406240. VIII/150. Ratovo, Berovo.
- 406241. VIII/151. Kalaslari, T. Veles.
- 406242. VIII/152. Busolci, T. Veles.
- 406243. VIII/153. Virce, Delcevo.
- 406244. VIII/154. Pancarevo, Delcevo.
- 406245. VIII/155. Busolci, T. Veles.
- 406246. VIII/156. Izvor, T. Veles.
- 406247. VIII/157. Kunjevo, Kavadarci.
- 406248. VIII/158. Virce, Delcevo.
- 406249. VIII/159. Trapotiviste, Delcevo.

406250 to 406254. FRAGARIA VESCA L. Rosaceae.**European strawberry.**

From France. Plants presented by P. Trioreau, The Georges Delbard Nurseries, Paris. Received November 28, 1975.

- 406250. 'Appelever'.
- 406251. 'Liberation D'Orleans'.
- 406252. 'Profusion'.
- 406253. 'Saint-Claude'.
- 406254. 'Superbe Remontatte Delbard'.

406255 to 406266. HORDEUM VULGARE L. Poaceae. Barley.

From West Germany. Seed presented by G. Fischbeck, Freising-Weißenstephan. Received October 23, 1975.

- 406255. 'Alkar'. Yugoslavia.
- 406256. 'Bandeng'. Netherlands.
- 406257. 'Beta'. Agrobotanic Institute, Taposzele, Hungary.
- 406258. 'Dunja'.
- 406259. 'Dura'.
- 406260. 'Espe'.
- 406261. 'Horpaci'. Hungary.
- 406262. 'Hydra'.
- 406263. 'Igri'. National Institut Voor Brouwgerst, Zeist, Netherlands.
- 406264. 'Maris Trojan'. Plant Breeding Institute, Cambridge, England.
- 406265. 'Sonja'.
- 406266. 'Vogelsanger Gold'.

406267 to 406280. HORDEUM SPONTANEUM C. Koch Poaceae.**Barley.**

From Israel. Seed presented by I. Wahl, Department of Botany, Division of Mycology and Plant Pathology, Tel Aviv University. Received December 9, 1975.

- 406267. HS-885. Judean Foothills, Lahav.
- 406268. HS-982. Judean Foothills, Lahav.
- 406269. HS-983. Judean Foothills, Lahav.
- 406270. HS-984. Judean Foothills, Lahav.
- 406271. HS-996. Judean Foothills, Lahav.
- 406272. HS-1016. Negev Lowland, Revivim.
- 406273. HS-1027. Negev Lowland, Shivta.
- 406274. HS-1055. S. Coastal Plain, Gedera.
- 406275. HS-1073. Negev Lowland, Sede Boquer.
- 406276. HS-1074. Negev Mountains, Hamakhtesh Hagadol.
- 406277. HS-1102. S. Coastal Plain, Yad Mordekhai.
- 406278. HS-1103. S. Coastal Plain, Yad Mordekhai.
- 406279. HS-1108. S. Coastal Plain, Yad Mordekhai.
- 406280. HS-1115. S. Coastal Plain, Yad Mordekhai.

406281. VICIA FABA L. Fabaceae. Broadbean.

From Colombia. Seed presented by Director, Regional Hortalizas-Tibaitata, Colombian Agricultural Institute, Bogota. Received November 28, 1975.

'Buritica'. Resistant to frost in high intermountain valleys. Selected for earliness, uniformity, and disease resistance.

406282 and 406283. CYNARA SCOLYMUS L. Asteraceae.**Globe artichoke.**

From Argentina. Plants presented by Universidad de Buenos Aires, Facultad de Agronomia, Buenos Aires. Received July 24, 1975.

406282. 'Blanco'.

406283. 'Nato'.

406284 to 406293. VIGNA UNGUICULATA (L.) Walp. Fabaceae.

From Nigeria. Seed presented by E. E. Watt, International Institute of Tropical Agriculture, Ibadan and reproduced in 1975 by J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri. Received October 8, 1975.

406284. TVu 57. No data.

406285. TVu 76. 'Prima'. Nigeria.

406286. TVu 317. C 5810-6. United States.

406287. TVu 697. C 567-1. United States.

406288. TVu 917. 'KaDoorie White'. Nigeria.

406289. TVu 1120. 'Dan-Tamanin'. Nigeria.

406290. TVu 4540. 'IFH 27-8'. Nigeria.

406291. TVu 4541. 'IFH 299-5'. Nigeria.

406292. TVu 4544. 'IFH 113-1'. Nigeria.

406293. TVu 4545. 'IFH 62-1-1'. Nigeria.

406294 to 406296. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Oman. Seed collected August 1975 by L. B. Fallon, International Research Institute, Muscat. Received December 8, 1975.

406294. 'Batinah'. Produced along coastal area of Oman.

406295. 'Omani'. Produced in the Interior of Oman.

406296. 'Quaryati'. Reported to be annual type. Area of production not indicated.

406297 to 406306. BRASSICA NAPUS var. NAPOBRASSICA (L.)

Reichenb. Brassicaceae.

Rutabaga.

From Netherlands. Seed presented by H. Lubberts, Stichting Voor Plantenveredeling, Wageningen through Agricultural Attache, American Embassy, The Hague. Received May 13, 1975.

406297. 'd'aubigny Collet Rouge'.

406298. 'Friese gele'.

406299. 'Friese gele bronskop'.

406297 to 406306—Continued

406300. 'Friese gele sel Runia'.
 406301. 'Grote witte'.
 406302. 'Hoffmans gele reuzen'.
 406303. 'Hollandse gele roodkop'.
 406304. 'Hollandse gele roodkop sel. R.S.'.
 406305. 'Oud goud'.
 406306. 'Willemsburger'.

406307 to 406328.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov
 Institute of Plant Industry, Leningrad. Received December 1, 1975.

406307. AGROPYRON TRACHYCAULUM (Link) Malte ex H. F. Lewis Poaceae.
Slender wheatgrass.
 VIR 25707. 'Marusinskij 996'. Tambov Region.
406308. ARRHENATHERUM ELATIUS (L.) Beauv. ex J. C. Presl Poaceae.
Tall oatgrass.
 VIR 27510. 'Morsanskij 23'. Tambov Region.
406309. BRASSICA NAPUS var. NAPOBRASSICA (L.) Reichenb. Brassicaceae.
Rutabaga.
 VIR 499. 'Vysegorodskaja ulucsennaja'. Moscow Region.
406310. BRASSICA OLERACEA L.
 VIR 315. 'Podmoskovnaja'. Moscow Region.
- 406311 and 406312. BRASSICA RAPA L. **Turnip.**
 406311. VIR 963. 'Sestinedel'nyj'. Moscow Region.
 406312. VIR 1258. 'Moskovskij'. Moscow Region.
406313. DACTYLIS GLOMERATA L. Poaceae. **Orchardgrass.**
 VIR 35262. 'Dedinovskaja 4'. Moscow Region.
- 406314 and 406315. FESTUCA RUBRA L. Poaceae. **Red fescue.**
 406314. VIR 35263. 'Dedinovskaja 8'. Moscow Region.
 406315. VIR 35901. 'Morsanskaja 4'. Tambov Region.
406316. PHALARIS ARUNDINACEA L. Poaceae. **Reed canarygrass.**
 VIR 38305. 'Priekul'skij 15'. Latvia.
- 406317 to 406323. PHLEUM PRATENSE L. Poaceae. **Timothy.**
 406317. VIR 22134. 'Marusinskaja 297'. Tambov Region.
 406318. VIR 26834. 'Moskovskaja 5'. Moscow Region.
 406319. VIR 33763. 'Morsanskaja 1395'. Tambov Region.
 406320. VIR 33925. 'Vologodsko-Dedinovskaja'. Moscow Region.
 406321. VIR 34666. 'Pozdnespelaja VIK'. Moscow Region.
 406322. VIR 35909. 'Morsanskaja 13'. Tambov Region.
 406323. VIR 36683. 'VIK-9'. Moscow Region.
- 406324 and 406325. TRIFOLIUM PRATENSE L. Fabaceae. **Red clover.**
 406324. VIR 25710. 'Marusinskij 150'. Tambov Region.
 406325. VIR 35855. 'Pioner'. Moscow Region.
406326. VICIA NARBONENSIS L. Fabaceae.
 VIR 1950. 'Kagalkinskij VIK'. Moscow Region.

406307 to 406328—Continued

- 406327 and 406328.** *VICIA SATIVA* L. Common vetch.
406327. VIR 34969. 'L'govskaja 60'. Kursk Region.
406328. VIR 35030. 'Belocerkovskaja 199'. The Ukraine.

406329 to 406436.

From Nigeria. Seed presented by Kanti Rawal, International Institute of Tropical Agriculture, Ibadan. Received July 31, 1975.

- 406329 to 406334.** *VIGNA AMBACENSIS* Welw. ex Baker Fabaceae.
406329. TVnu 2. Kimacampaka Longea District, Tanzania.
406330. TVnu 3. Experiment Station, Rubona, Rwanda.
406331. TVnu 6. Experiment Station, Gandajika, Kasai, Zaire.
406332. TVnu 10. Bas-Zaire District, Zaire.
406333. TVnu 11. Experiment Station, Gandajika, Kasai, Zaire.
406334. TVnu 12. Experiment Station, Gandajika, Kasai, Zaire.
406335. *VIGNA CARACALLA* (L.) Verdc.
 TVnu 63. Montevideo, Uruguay.
406336. *VIGNA FRUTESCENS* var. *BUCHNERI* (Harms) Verdc.
 TVnu 51. Five km south of Nairobi, Kenya.
406337. *VIGNA FRUTESCENS* A. Rich. var. *FRUTESCENS*
 TVnu 52. Kayasa Plateau, Rwanda.
406338 and 406339. *VIGNA GRACILIS* (Guill. & Perr.) Hook. f.
406338. TVnu 18. Adiopodume, Ivory Coast.
406339. TVnu 19. Grassland Research Station, Kitale, Kenya.
406340 and 406341. *VIGNA HOSEI* (Craib) Backer
406340. TVnu 20. Java.
406341. TVnu 21. Bimba, Rwanda. Elevation 1,400 m.
406342. *VIGNA KIRKII* (Bak.) Gillett
 TVnu 22-1. Experiment Station, Gandajika, Kasai, Zaire.
406343. *VIGNA LANCIFOLIA* A. Rich.
 TVnu 89. Nigeria.
406344. *VIGNA LASIOCARPA* (Benth.) Verdc.
 TVnu 49. British Guiana.
406345. *VIGNA LAURENTII* De Wild.
 TVnu 23. Kiofi, Burundi.
406346. *VIGNA LONGIFOLIA* (Benth.) Verdc.
 TVnu 50. British Guiana.
406347 to 406351. *VIGNA LUTEOLA* (Jacq.) Benth.
406347. TVnu 24. Commonwealth Scientific and Industrial Research
 Organization, Canberra, Australia.
406348. TVnu 25. Near Lake Tchad, Chad.
406349. TVnu 27. Bahia State, Brazil.
406350. TVnu 28. Sao Paulo, Brazil.
406351. TVnu 29. Sao Paulo, Brazil.

406329 to 406436—Continued

- 406352 to 406357.** *VIGNA OBLONGIFOLIA* A. Rich. var. *OBLONGIFOLIA*
406352. TVnu 34. Grassland Research Station, Kitale, Kenya.
406353. TVnu 35. Grassland Research Station, Kitale, Kenya.
406354. TVnu 37. Costa Rica.
406355. TVnu 38. Costa Rica.
406356. TVnu 39. Costa Rica.
406357. TVnu 42. Experiment Station, Kipopo, Shaba, Zaire.
- 406358 to 406361.** *VIGNA OBLONGIFOLIA* var. *PARVIFLORA* (Bak.) Verdc.
406358. TVnu 36. Rukwa, Ufipe District, Tanzania. Elevation 780 m.
406359. TVnu 40. Experiment Station, Karama, Rwanda.
406360. TVnu 41. Experiment Station, Karama, Rwanda.
406361. TVnu 87. India.
- 406362 to 406365.** *VIGNA PUBESCENS* Wilczek
406362. TVnu 108. Near Chalinze, 86 km east of Morogoro on way to Dar-Es-Salaam, Tanzania.
406363. TVnu 109. Near Chalinze, 86 km east of Morogoro on way to Dar-Es-Salaam, Tanzania.
406364. TVnu 110. Near Chalinze, 86 km east of Morogoro on way to Dar-Es-Salaam, Tanzania.
406365. TVnu 112. Near Chalinze, 86 km east of Morogoro on way to Dar-Es-Salaam, Tanzania.
- 406366 to 406374.** *VIGNA RACEMOSA* (G. Don) Hutch. & Dalz. ex Bak. f.
406366. TVnu 44. Experiment Station, Gandajika, Kasai, Zaire.
406367. TVnu 45. Experiment Station, Gandajika, Kasai, Zaire.
406368. TVnu 46. Experiment Station, Gandajika, Kasai, Zaire.
406369. TVnu 47. Experiment Station, Kipopo, Shaba, Zaire.
406370. TVnu 124. Five m west of Oyo to Iseyin, Nigeria.
406371. TVnu 126. Two m south of Eruwa, Nigeria.
406372. TVnu 127. Near Erunmu, 10 m east of Ibadan to Oshogbo, Nigeria.
406373. TVnu 128. Outside Iwo, Nigeria.
406374. TVnu 129. Twelve m east of Iwo to Oshogbo, Nigeria.
- 406375 to 406379.** *VIGNA RETICULA* Hook. f.
406375. TVnu 54. Adiopodoume, Ivory Coast.
406376. TVnu 55. Shava Highlands, Zaire.
406377. TVnu 56. Luanshya, Zambia.
406378. TVnu 57. Experiment Station, Gandajika, Kasai, Zaire.
406379. TVnu 59. Gitega, Burundi.
- 406380.** *VIGNA TRIPHYLLA* (Wilczek) Verdc.
TVnu 83. Experiment Station, Kipopo, Shaba, Zaire.

406329 to 406436—Continued

- 406381.** VIGNA VENULOSA (Wilczek) Verdc.
TVnu 53. Tambacanda, Gambia.
- 406382 to 406403.** VIGNA VEXILLATA (L.) A. Rich.
- 406382.** TVnu 64. Commonwealth Scientific and Industrial Research Organization, Canberra, Australia.
- 406383.** TVnu 65. Paramaribo, Surinam.
- 406384.** TVnu 66. Experiment Station, Mulungu, Kivu, Zaire.
- 406385.** TVnu 68. Experiment Station, Mulungu, Kivu, Zaire.
- 406386.** TVnu 70. Costa Rica.
- 406387.** TVnu 71. Costa Rica.
- 406388.** TVnu 72. Costa Rica.
- 406389.** TVnu 73. NI 373. Gembloux, Belgium.
- 406390.** TVnu 74. Lake Kilimbi, Rwanda.
- 406391.** TVnu 75. Sao Paulo, Brazil.
- 406392.** TVnu 76. Lumumbashi, Shaba, Zaire.
- 406393.** TVnu 77. Rubona, Rwanda.
- 406394.** TVnu 78. Experiment Station, Gandajika, Zaire.
- 406395.** TVnu 80. Experiment Station, Kipopo, Shaba, Zaire.
- 406396.** TVnu 84. Motunde, 19 m north of Ibadan-Oyo Road, Nigeria.
- 406397.** TVnu 85. Zambia.
- 406398.** TVnu 86. Zambia.
- 406399.** TVnu 93. Near Isonkpo, 24 km west of P. Harcourt on way to Ahoada Rivers State, Nigeria. Weedy.
- 406400.** TVnu 106. Twenty-five km west of Mlingano. Growing along roadside.
- 406401.** TVnu 118. Near Mombo, 35 km north of Korogwe on way to Moshi, Tanzania. Growing as roadside weed.
- 406402.** TVnu 119. Near Mombo, 35 km north of Korogwe on way to Moshi, Tanzania. Growing as roadside weed.
- 406403.** TVnu 143. Near St. Patrick's High School, Ibadan, Nigeria.
- 406404.** VIGNA WILMSII Burtt-Davy
TVnu 133. South Africa. Origin traced to P.I. 181585.
- 406405 to 406407.** VIGNA WITTEI Bak. f.
- 406405.** TVnu 60. Near Kinshasa, Zaire.
- 406406.** TVnu 61. Experiment Station, Gandajika, Kasai, Zaire.
- 406407.** TVnu 62. Near Gandajika, Tshinzomba, Kasai, Zaire.
- 406408.** VIGNA sp.
TVnu 15. Senegal via National History Museum, Paris, France.
- 406409.** VIGNA sp.
TVnu 88. Zambia.

406329 to 406436—Continued

- 406410.** VIGNA sp.
TVnu 90. On road to Gombe Northeast State, 24 km west of Numan, Nigeria.
- 406411.** VIGNA sp.
TVnu 91. Forest Reserve, Baissa Northeast State, Nigeria.
- 406412.** VIGNA sp.
TVnu 94. Near Araromi, 109 km east of Ilorin on road to Kabba, Nigeria.
- 406413.** VIGNA sp.
TVnu 95. KR 573.
- 406414.** VIGNA sp.
TVnu 96. KR 574.
- 406415.** VIGNA sp.
TVnu 98. KR 575.
- 406416.** VIGNA sp.
TVnu 99. KR 576.
- 406417.** VIGNA sp.
TVnu 100. KR 577.
- 406418.** VIGNA sp.
TVnu 101. Near Mokwa Northwest State, 1.6 km west of Kainji intersection, Nigeria.
- 406419.** VIGNA sp.
TVnu 102. On way to Kainji Dam, 37 km west of Mokwa in Savannah Northwest State, Nigeria.
- 406420.** VIGNA sp.
TVnu 103. Mokwa Northwest State, Nigeria.
- 406421.** VIGNA sp.
TVnu 104. New Bussa, 24 km west of Kainji Dam, Northwest State, Nigeria.
- 406422.** VIGNA sp.
TVnu 105. Seventy-four km east of Mokwa-Bida junction on way to Bida Northwest State, Nigeria.
- 406423.** VIGNA sp.
TVnu 107. Research and Training Institute, Ilonga, near Kilosa, Tanzania.
- 406424.** VIGNA sp.
TVnu 113. Sisal Research Station, Mlingano, 40 km west of Tanga, Tanzania.
- 406425.** VIGNA sp.
TVnu 117. Bamburi Cement Works, Bamburi, 6 km north of Mombasa towards Malindi, Kenya.
- 406426.** VIGNA sp.
TVnu 130. On way to Oshogbo, 4 m north of Ilesha, Nigeria.
- 406427.** VIGNA sp.
TVnu 134. Zambia.
- 406428.** VIGNA sp.
TVnu 135. Northern Rhodesia. Origin traced to P.I. 225934.
- 406429.** VIGNA sp.
TVnu 137. Larwa, Nigeria.

406329 to 406436—Continued

- 406430.** VIGNA sp.
TVnu 138. Gusau, Nigeria.
- 406431.** VIGNA sp.
TVnu 139. Borno, Nigeria.
- 406432.** VIGNA sp.
TVnu 140. Zaria road, Kano, Nigeria.
- 406433.** VIGNA sp.
TVnu 141. Bomo, Nigeria.
- 406434.** VIGNA sp.
TVnu 142. Tsawuni, Nigeria.
- 406435.** VIGNA sp.
TVnu 144. Six m west of Ilesha to Ife, Nigeria.
- 406436.** VIGNA sp.
TVnu 145. No data.

406437. COFFEA ARABICA L. Rubiaceae. **Coffee.**
From Portugal. Seed presented by C. J. Rodrigues, Jr., Director, Centro de Investigacao das Ferrugens do Cafeeiro, Estacao Agronomica Nacional, Oeiras. Received June 11, 1975.
HW 26/5-4. 19/1 (Caturra) × 832/1 (Hibrido de Timor) F₃.

406438 to 406471.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received January 15, 1976.

406438. AGROPYRON CIMMERICUM Nevski Poaceae
VIR 37809. Stavropol Territory. Wild.

406439 to 406443. AGROPYRON CRISTATUM (L.) Beauv.

Crested wheatgrass.

406439. VIR 36016. Ural Region. Wild.

406440. VIR 37496. Kazakhstan. Wild.

406441. VIR 37509. Kazakhstan. Wild.

406442. VIR 068033. Kazakhstan. Wild.

406443. VIR 068037. Kazakhstan. Wild.

406444. AGROPYRON CRISTATUM (L.) Beauv. subsp. CRISTATUM
VIR 063396. Buratia. Wild.

406445 and 406446. AGROPYRON DESERTORUM (Fisch. ex Link) Schult.

Crested wheatgrass.

406445. VIR 35511. 'Markinskij 27'. Kirghizia.

406446. VIR 35991. Kazakhstan. Wild.

406447 and 406448. AGROPYRON FIBROSUM (Schrenk) Nevski

406447. VIR 29277. 'Omskaja'. Siberia.

406448. VIR 069000. Altai. Wild.

406449 to 406453. AGROPYRON FRAGILE (Roth) Nevski

406449. VIR 34495. Kazakhstan. Wild.

406438 to 406471—Continued**406449 to 406453—Continued**

- 406450.** VIR 35998. Ural Region. Wild.
406451. VIR 36001. Ural Region. Wild.
406452. VIR 36011. Kazakhstan. Wild.
406453. VIR 38045. 'Taukumskij'. Kazakhstan.

406454. AGROPYRON KARATAVIENSE Pavlov
 VIR 060332. Kazakhstan. Wild.

406455. AGROPYRON MICHNOI Roshev.
 VIR 276018. Mongolia. Wild.

406456 and 406457. AGROPYRON MUTABILE Drobov

- 406456.** VIR 34826. 'Lenskaja'. Yakutia.
406457. VIR 35223. Altai. Wild.

406458. AGROPYRON TIANSHANICUM Drobov.
 VIR 35123. Altai. Wild.

406459 and 406460. AGROPYRON TURCZANINOVII Drobov.

- 406459.** VIR 37574. Buratia.
406460. VIR 38155. Kazakhstan. Wild.

406461 and 406462. ELYMUS ANGUSTUS Trin. Poaceae. **Wildrye grass.**

- 406461.** VIR 063045. Kazakhstan. Wild.
406462. VIR 068106. Kazakhstan. Wild.

406463 to 406465. ELYMUS DAHURICUS Turcz. ex Griseb.

- 406463.** VIR 38148. Mongolia. Wild.
406464. VIR 38150. Kazakhstan. Wild.
406465. VIR 38153. Altai. Wild.

405466. ELYMUS NUTANS Griseb.
 VIR 053425. Tadjikistan. Wild.

406467. ELYMUS SIBIRICUS L. **Wildrye grass.**
 VIR 38179. '1-68'. Siberia.

406468 to 406471. PSATHYROSTACHYS JUNCEA (Fisch.) Nevski Poaceae.

- 406468.** VIR 35900. 'Bozojskij'. Kazakhstan.
406469. VIR 37702. Kazakhstan. Wild.
406470. VIR 37705. Kazakhstan. Wild.
406471. VIR 37946. 'Sortandinskij'. Kazakhstan.

406472. HORDEUM VULGARE L. Poaceae. **Barley.**
 From France. Seed presented by J. Lefebvre, Madison Florimond Desprez,
 Templeuve. Received January 5, 1976.
 'Porthos'. Spring.

406473. CUCUMIS SATIVUS L. Cucurbitaceae Cucumber.

From Netherlands. Seed presented December 1973 by A. C. de Ruiter, Deruitzerzonen B.V., Selectie-en Veredilingsbedrijf Hybridezaden, Bleiswijk. Received January 16, 1975.

'Niagara'.

406474 to 406532. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Nepal. Seed presented by A. N. Bhattarai, Wheat Development Program, Department of Agriculture, Ministry of Food, Agriculture and Irrigation, Lalitpur, Kathmandu through Office of Agriculture, United States Agency for International Development, Kathmandu. Received November 17, 1975.

406474.	1.	406494.	31(B).	406514.	47(A).
406475.	2.	406495.	32.	406515.	47(B).
406476.	3.	406496.	33.	406516.	48(A).
406477.	4.	406497.	34.	406517.	48(B).
406478.	5.	406498.	35.	406518.	49.
406479.	6(A).	406499.	36.	406519.	50.
406480.	9.	406500.	37.	406520.	51.
406481.	10(A).	406501.	38(A).	406521.	53.
406482.	10(B).	406502.	38(B).	406522.	54.
406483.	13.	406503.	39.	406523.	55.
406484.	14.	406504.	40.	406524.	56.
406485.	17.	406505.	41.	406525.	57.
406486.	18.	406506.	42(A).	406526.	73.
406487.	20.	406507.	42(B).	406527.	74(A).
406488.	21.	406508.	43.	406528.	75.
406489.	22.	406509.	44(A).	406529.	76.
406490.	26.	406510.	44(B).	406530.	77.
406491.	28.	406511.	45(A).	406531.	78.
406492.	30.	406512.	46(A).	406532.	79.
406493.	31(A).	406513.	46(B).		

406533 to 406580. ORYZA SATIVA L. Poaceae. Rice.

From Mali. Seed presented by Director General, Institut D'Economie Rurale, Recherche Agronomique, Bamako. Received January 6, 1976.

406533.	'B H 2'.	406540.	'DM 16 (IRAT 17)'.
406534.	'Bintoubala B'.	406541.	'DM 17 (IRAT)'.
406535.	'C 13 E 13'.	406542.	'Doc Phung-Lun'.
406536.	'CU LA'.	406543.	'Ebandioulaye'.
406537.	'D 52-37'.	406544.	'Faro 6'.
406538.	'D K 3 (IRAT 15)'.	406545.	'Faro 7'.
406539.	'DM 12'.	406546.	'Faro 14'.

406533 to 406580—Continued

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|------------------------------|-----------------------------|
| 406547. 'F R R S 43/3'. | 406564. 'Malobadian'. |
| 406548. 'Gambiaka Kokum'. | 406565. 'MSP 10'. |
| 406549. 'Gissi 25'. | 406566. 'MP 11 (IRAT 16)'. |
| 406550. 'H K G 98'. | 406567. 'Nachin II'. |
| 406551. 'IM 16'. | 406568. 'Nang-Kieu'. |
| 406552. 'Indochine Blanc'. | 406569. 'Neang-Kheaw 5'. |
| 406553. 'Indochine G'. | 406570. 'Oma Tosso'. |
| 406554. 'Indochine 24'. | 406571. 'Paugein'. |
| 406555. 'Indochine 70'. | 406572. 'Phar Com En'. |
| 406556. 'IR 442'. | 406573. 'Puang-N'Gern'. |
| 406557. 'Kading Thang'. | 406574. 'R H 2'. |
| 406558. 'Khao Gaew'. | 406575. 'Segadis'. |
| 406559. 'Khao-Nang-Nuey 11'. | 406576. 'T 442. 36'. |
| 406560. 'L 78-9148'. | 406577. 'T 442. 57'. |
| 406561. 'L 102/8'. | 406578. 'T 442. 90'. |
| 406562. 'Maliang'. | 406579. 'Taow-Boon-N'Gern'. |
| 406563. 'Mali Sawn'. | 406580. 'X A 228'. |

406581 to 406632. COFFEA ARABICA L. Rubiaceae. Coffee.
 From Portugal. Seed presented by C. J. Rodrigues, Jr., Director, Centro de Investigacao das Ferrugens do Cafeeiro, Estacao Agronomica Nacional, Oeiras. Received November 5, 1975.

406581. C.I.F.C. 7344. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406582. C.I.F.C. 7345. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406583. C.I.F.C. 7346. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406584. C.I.F.C. 7347. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406585. C.I.F.C. 7348. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406586. C.I.F.C. 7349. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406587. C.I.F.C. 7350. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406588. C.I.F.C. 7351. 2482/20 Catuai Amarelo × HW26/13 (CIFC H.528). F₂.
406589. C.I.F.C. 7352. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.
406590. C.I.F.C. 7353. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.
406591. C.I.F.C. 7354. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.
406592. C.I.F.C. 7355. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.
406593. C.I.F.C. 7356. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.
406594. C.I.F.C. 7357. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.
406595. C.I.F.C. 7358. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊.

406581 to 406632—Continued

406596. C.I.F.C. 7359. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406597. C.I.F.C. 7360. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406598. C.I.F.C. 7361. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406599. C.I.F.C. 7362. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406600. C.I.F.C. 7363. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406601. C.I.F.C. 7364. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406602. C.I.F.C. 7365. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406603. C.I.F.C. 7366. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406604. C.I.F.C. 7367. 19/1 Caturro Vermelho x 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406605. C.I.F.C. 7368. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406606. C.I.F.C. 7369. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406607. C.I.F.C. 7370. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406608. C.I.F.C. 7371. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406609. C.I.F.C. 7372. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406610. C.I.F.C. 7373. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406611. C.I.F.C. 7374. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406612. C.I.F.C. 7375. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406613. C.I.F.C. 7376. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406614. C.I.F.C. 7377. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406615. C.I.F.C. 7378. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊
406616. C.I.F.C. 7379. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor
(CIFC HW 26). F₊

406581 to 406632—Continued

- 406617.** C.I.F.C. 7380. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406618.** C.I.F.C. 7381. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406619.** C.I.F.C. 7382. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406620.** C.I.F.C. 7383. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406621.** C.I.F.C. 7384. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406622.** C.I.F.C. 7385. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406623.** C.I.F.C. 7386. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406624.** C.I.F.C. 7387. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406625.** C.I.F.C. 7388. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406626.** C.I.F.C. 7389. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406627.** C.I.F.C. 7390. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406628.** C.I.F.C. 7391. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406629.** C.I.F.C. 7392. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406630.** C.I.F.C. 7393. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406631.** C.I.F.C. 7394. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊
- 406632.** C.I.F.C. 7395. 19/1 Caturra Vermelho × 832/1 Hibrido de Timor (CIFC HW 26). F₊

406633. PHASEOLUS ACUTIFOLIUS A. Gray Fabaceae.**Tepary bean.**

From United States. Seed presented June 1968, by George English, Jr., Bureau of Indian Affairs, Papago Indian Agency, U. S. Department of Interior, Sells, Arizona. Received December 4, 1975.

406634 to 406636.

From People's Republic of China. Seed collected August 1975, by S. H. Fuchs, Soil Conservation Service, Technical Service Center, Fort Worth, Texas. Received December 24, 1975.

406634. CRATAEGUS sp. Rosaceae.

Manchuria area south of Gobi Desert, Changkutai. Thornless type used in sand dune stabilization.

406634 to 406636—Continued

406635. *FRAXINUS CHINENSIS* var. *RHYNCHOPHYLLA* (Hance) Hemsl.
Oleaceae. **Chinese ash.**

Manchuria area, south of Gobi Desert, Changkutai. Used in sand dune stabilization.

406636. *SOPHORA FLAVESCENS* Ait. Fabaceae.

Manchuria area south of Gobi Desert, Changkutai. Used in sand dune stabilization.

406637. *AGROSTIS GIGANTEA* Roth Poaceae.

Redtop bentgrass.

From Canada. Seed presented by J. E. Winch, Department of Crop Science, University of Guelph, Guelph, Ontario. Received February 3, 1976.
'Reton'.

406638 and 406639.

From Australia. Seed presented by Genetic Resources Section, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra City. Received January 12, 1976.

406638. *CENTROSEMA HAITIENSE* Urb. & Ekman Fabaceae.
C.P.I. 38542.

406639. *CENTROSEMA PLUMIERI* (Turp.) Benth.
C.P.I. 41014. 'Pim-Pim'.

406640 and 406641. *TRIFOLIUM PRATENSE* L. Fabaceae.

Red clover.

From France. Seed presented by P. Gayraud, Amelioration Fourragere, Siege Social et Direction Technique, Provins. Received January 30, 1976.

406640. 'Marcom'. Diploid.

406641. 'P.F.E. 68'. Tetraploid.

406642. *BOTHRIOCHLOA ISCHAEMUM* (L.) Keng Poaceae.

Yellow bluestem.

From Union of Soviet Socialist Republics. Seed collected July 1975, by Gary Evans, Range Conservationist, Soil Conservation Service, Technical Service Center, Fort Worth, Texas. Received December 24, 1975.
Sheki, Azerbaidjan. Elevation 1,300 m.

406643. *BOTHRIOCHLOA ISCHAEMUM* (L.) Keng Poaceae.

Yellow bluestem.

From Union of Soviet Socialist Republics. Seed collected July 1975 by Tom Fuller, Botany Laboratory, Division of Plant Industry, Department of Food and Agriculture, Sacramento, California. Received December 24, 1975.
Erevan, Armenia. Elevation 1,300 m.

406644 to 406647.

From Australia. Seed presented by Wolfgang Bredereck, Coonabarabran. Received January 23, 1976.

406644 to 406646. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**

406644. 'Asanka'.

406645. 'Polestar'.

406644 to 406647—Continued**406644 to 406646—Continued**

406646. 'Stepniak'.

406647. *HELIANTHUS* sp.

Growing along side of road near Narrabir for more than 20 years.

406648 to 406660.

From India. Seed presented by P. N. Mehra, Department of Botany, Punjab University, Chandigarh through P.L. 480 Project A7-CR-441. Received January 30, 1976.

406648. *AXONOPUS COMPRESSUS* (Sw.) Beauv. Poaceae.

Tropical carpetgrass.

Ward Lake Shillong. December 1975.

406649. *DIGITARIA SETIGERA* Roth ex Roem. & Schult. Poaceae.

Upper Shillong. December 1975.

406650. *ECHINOCHLOA STAGNINA* (Retz.) Beauv. Poaceae.

Guahati. November 1975.

406651. *OPLISMENUS BURMANNII* (Retz.) Beauv. Poaceae.

Khasia and Taintia Hills, Shillong. December 1975.

406652. *PANICUM MONTANUM* Roxb. Poaceae.

Khasia and Taintia Hills, Cherrapunji. September 1975.

406653. *PASPALIDIUM FLAVIDUM* (Retz.) A. Camus Poaceae.

Assam plains, Guahati. September 1975.

406654. *PASPALUM NOTATUM* Flugge Poaceae.

Bahigrass.

Shillong. Collected from fodder form. October 1974.

406655. *PENNISSETUM POLYSTACHYON* (L.) Schult. Poaceae.

Khasia and Taintia Hills, Bara Pani. December 1975.

406656. *PENNISSETUM PURPUREUM* Schumach.

Elephantgrass.

Shillong. Collected from fodder form. November 1974.

406657. *SETARIA GLAUCA* (L.) Beauv. Poaceae.

Yellow foxtail.

Shillong. November 1975.

406658. *SETARIA ITALICA* (L.) Beauv.

Foxtail millet.

Assam plains, Nowgong. October 1975.

406659. *SETARIA PALMIFOLIA* (Koen.) Stapf

Khasia and Taintia Hills, Towai. October 1975.

406660. *SETARIA PLICATA* (Lam.) T. Cooke

Shillong. November 1975.

406661 to 406674. SACCHARUM (hybrid) Poaceae.

Sugarcane.

From India. Cuttings presented by Dr. S. S. Shah, Director, Sugarcane Breeding Institute, Coimbatore, through Head of Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received February 17, 1976.

406661. 'Co.213'.

406663. 'Co.449'.

406662. 'Co.419'.

406664. 'Co.658'.

406661 to 406674—Continued

406665. 'Co.718'.	406670. 'Co.1140'.
406666. 'Co.740'.	406671. 'Co.1158'.
406667. 'Co.744'.	406672. 'Co.6304'.
406668. 'Co.775'.	406673. 'Co.6806'.
406669. 'Co.975'.	406674. 'Co.S.109'.

406675 to 406677.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received January 30, 1976.

406675. ALLIUM OSCHANINII O. Fedtsch. Liliaceae.
Central Asia.

406676. ALLIUM PRAEMIXTUM Vved.
Central Asia.

406677. ALLIUM VAVILOVII Popov & Vved.
Central Asia.

406678 and 406679. CUCURBITA PEPO L. Cucurbitaceae.**Pumpkin.**

From Turkey. Seed presented by Osman Tosun, Ziraat Facultesi, Ankara Universitesi, Ankara. Received January 19, 1976.

406678. Budaklar Koyu, Sakarya Province. Thin skinned (skinless).

406679. Serdivan Koyu, Sakarya Province. Thin skinned (skinless).

406680 to 406683. CUCURBITA MARTINEZII L. H. Bailey Cucurbitaceae.

From Mexico. Seed presented by T. W. Whitaker, Agricultural Research Service Collaborator, La Jolla, California. Received February 6, 1976.

406680. Collected by D. H. Ganzen 3 km west of Fortin des Flores, Vera Cruz. 1962.

406681. Collected by Ray Smith 1.6 km north of Fortin des Flores, Vera Cruz. 1966.

406682. Collected on the outskirts of Fortin des Flores, Vera Cruz. East of city near railroad tracks. 1967.

406683. Collected by Ray Smith near Xiotepic. 1968.

406684. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From Japan. Seed presented by Takashi Sanbuichi, Tokachi Agricultural Experiment Station, Memuro-cho, Kasai-gun, Hokkaido. Received February 5, 1976.

'Hidaka-1'. Collected in the fall 1973 in the Hidaka Plains (west side of Tokachi Plains).

406685. SOLANUM MARGINATUM L. f. Solanaceae.

From Ethiopia. Seed collected by R. E. Perdue, Jr., Medicinal Plant Resources Laboratory, Beltsville Agricultural Research Center, Beltsville, Maryland. Received November 24, 1975.

6304. Two to three km south of Acachi, Shoa Province.

406686 to 406694.

From Union of Soviet Socialist Republics. Budwood presented by Bataisk Field Station, Rostov Oblast through N. I. Vavilov Institute of Plant Industry, Leningrad. Received January 5, 1976.

406686 to 406692. PRUNUS DOMESTICA L. Rosaceae. Common plum.

406686. 'Kabardinskaja Early'.

406687. 'Kubanskaja 5-2'.

406688. 'Obil'naja'.

406689. 'Pervenec 36-23'.

406690. 'Plotnomiasaja'.

406691. 'Sentiabr'skaja'.

406692. 'Vengerka Doneckaja. Early.

406693 and 406694. PRUNUS PERSICA (L.) Batsch Nectarine.

406693. 'Lola'.

406694. 'Obil'nyj'.

406695 to 406698.

From Israel. Seed presented by Plant Introduction Service, Agricultural Research Organization, The Volcani Center, Bet-Dagan. Received January 22, 1976.

406695. CITRULLUS LANATUS (Thunb.) Matsum & Nakai Cucurbitaceae. Watermelon.

'Malali'.

406696 to 406698. CUCUMIS MELO L. Muskmelon.

406696. 'Ein-Dor'. Susceptible to *Fusarium*.

406697. 'Haogen No. 2'. Susceptible to *Fusarium*.

406698. 'Makdimon'. F₁ hybrid. Resistant to Race 1 of *Fusarium*.

406699 to 406704.

From Turkey. Seed presented by Osman Tosun, Ziraat Facultesi Ankara Universitesi, Ankara through Agricultural Attache, American Embassy, Ankara. Received January 6, 1976.

406699 and 406700. AVENA SATIVA L. Poaceae. Common oat.

406699. 'Ankara 76'. Winter.

406700. 'Ankara 84'. Winter.

406701 and 406702. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.

406701. Tosun 72C41. Spineless. Winter type.

406702. Tosun 72C62. Spiny. Winter type.

406703 and 406704. TRITICUM AESTIVUM L. Poaceae. Common wheat.

406703. Tosun 21. Winter.

406704. Tosun 144. Winter.

406705 and 406706. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Bulgaria. Seed presented by Anastas Kaloyanov, Agricultural Counselor, Embassy of Bulgaria, Washington, D.C. Received January 13, 1976.

406705. 'Sadovo 1'. 'Ubileina III' × 'Bezostaia 1'. Reported to have good disease resistance. Winter.

406706. 'Sadovo S'. Reported to have good disease resistance. Winter.

406707 to 406710. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From Korea. Seed presented by S. K. Kim, Crop Experiment Station, Office of Rural Development, Suwon. Received January 29, 1976.

406707. 'Bong-ui'. 'Lincoln' × 'Yuk-u No. 3'.

406708. 'Ham-ahn'. Local variety developed from Gyongsang Nam Do.

406709. 'Kang-lim'. 'Keumkangdaelip' × 'Norin No. 1'.

406710. 'Kwang-kyo'. 'Changdan Backmok' × 'Yuk-u No. 3'.

**406711. POUPARTIA AXILLARIS (Roxb.) King & Prain
Anacardiaceae.**

From Hong Kong. Seed presented by S. P. Lau, Agriculture and Fisheries Department, Kowloon. Received March 2, 1976.

406712 to 406796.

From Costa Rica. Plant material collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and R. L. Clark, Regional Plant Introduction Station, Ames, Iowa. Received February 3, 1976.

406712 and 406713. ANANAS COMOSUS (L.) Merr. Bromeliaceae.**Pineapple.**

406712. W-C 1455. Las Cruces, Puntarenas Province. White fleshed, somewhat seedy. Cultivated. Seed.

406713. W-C 1491. Centro Agronomico Tropical de Investigacion y Ensenanza, Turrialba, Cartago Province. White fleshed, sometimes produces seeds. Cultivated. Seed.

406714. ANTHURIUM WENDLINGERI G. M. Barroso Araceae.

W-C 1468. Las Cruces, near San Vito de Java, Puntarenas Province. Herb with very long, strap-shaped, petiolate leaves. Donated by Robert G. Wilson. Cultivated. Plant.

406715. ANTHURIUM sp.

W-C 1469. Las Cruces, near San Vito de Java, Puntarenas Province. Leaves saggitate, base almost truncate. Flower dark purple. Donated by Robert G. Wilson. Wild. Plant.

406716. ANTHURIUM sp.

W-C 1507. Talamanca Cordillera, along Pan American Highway. Elevation 3,000 m. Herbaceous. Wild. Plant.

406712 to 406796—Continued

- 406717 and 406718.** ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**
406717. W-C 1505. Agricultural Experiment Station, Alajuela. Local name Criollo. Cultivated. Seed.
406718. W-C 1518. Farm at Exparta, Puntarenas Province. Small, red seed coat. Cultivated. Seed.
- 406719 and 406720.** ASPARAGUS PLUMOSUS Baker. Liliaceae.
406719. W-C 1477. Linda Vista Farm, Cartago, Cartago Province. Tall, viny type. Branchlets not in one plane as for *A. plumosus*. Donated by Claude Hope. Cultivated. Seed.
406720. W-C 1477A. Linda Vista Farm, Cartago, Cartago Province. Tall viny type. Branches do not develop in one plane as for *A. plumosus*. Donated by Claude Hope. Cultivated. Plant.
- 406721.** BROWALLIA sp. Solanaceae.
W-C 1493. Centro Agronomico Tropical de Investigacion y Ensenanza. Turrialba, Cartago Province. Herb to 30 cm. Flowers small, violet. Wild. Seed.
- 406722 to 406725.** CAPSICUM ANNUM L. Solanaceae. **Pimento.**
406722. W-C 1480. Centro Agronomico Tropical de Investigacion Ensenanza, Turrialba, Cartago Province. Herb to 1 m. Fruit red at maturity, ridged, indented at apex, to 4 cm long. Growing by one of Science Center buildings. Cultivated. Seed.
406723. W-C 1506. Agricultural Experiment Station, Alajuela. Fruit 7 cm by 10 cm, red at maturity, pointed or 3 lobed at apex. Selected locally from 'California Wonder' for virus resistance. Local name Mil Frutos. Cultivated. Seed.
406724. W-C 1513. Nicoya Peninsula, Guanacaste Province. Fruit 5 cm long by 1 cm wide, sweet. Donated by Albert Engals. Cultivated. Seed.
406725. W-C 1519. Nicoya Peninsula, Guanacaste Province. Fruit round, 1.5 cm in diameter. Donated by Albert Engals. Cultivated. Seed.
- 406726 to 406730.** CARICA PAPAYA L. Caricaceae. **Papaya.**
406726. W-C 1461. Public Market, San Isidro del General, San Jose Province. Fruit elongated with pale yellow flesh. Cultivated. Seed.
406727. W-C 1462. Public market, San Isidro del General, San Jose Province. Oval fruit with pink flesh. Cultivated. Seed.
406728. W-C 1490. Centro Agronomico Tropical de Investigacion y Ensenanza, Turrialba, Cartago Province. Fruit with pink flesh. Cultivated. Seed.
406729. W-C 1517. Farm along Rio Barranca, Puntarenas, Puntarenas Province. Mixed local types. Seed donated by Mario Cayuga. Cultivated. Seed.
406730. W-C 1536. Guardia de Liberia, Alajuela Province. Medium size fruit with yellow flesh. Cultivated. Seed.
- 406731.** CASSIA ALATA L. Fabaceae.
W-C 1521. Pital, Alajuela Province. Shrub to 2 m, terminal spikes of yellow flowers. Tea prepared from leaves used to treat skin ulcers and rheumatism. Local name Saragundi. Cultivated. Seed.

406712 to 406796—Continued

- 406732.** *CATTLEYA DOWIANA* Batem. Orchidaceae. **Queen cattleya.**
W-C 1535. Public market, San Jose. Said to be from Squirres. Wild. Plant.
- 406733.** *CEPHAELIS EMATA* Sw. f. *LUTEA* Standl. Rubiaceae.
W-C 1459. Ridge above Golfito, Puntarenas Province. Elevation 450 m. Shrub to 3 m tall. Flowers in terminal cymes, subtended by orange or red, brittle, bracts. Fruit fleshy, black. Wild. Seed.
- 406734.** *COBAEA* sp. Polemoniaceae.
W-C 1497. El Iris del Volcan Turrialba, Cartago Province. Slender herbaceous vine. Leaves alternate, sessile, compound ending in tendrils. Flower pale violet, campanulate, 5 cm in diameter. Fruit 3 valvate, a fleshy capsule 2 cm long. Wild. Seed.
- 406735.** *COSTUS IGAEUS* N.E. Br. Zingiberaceae.
W-C 1472. Las Cruces, near San Vito de Java, Puntarenas Province. Herb to 0.9 m tall. Flowers terminal, orange red. Cultivated. Cuttings.
- 406736.** *CRINUM ASIATICUM* L. Amaryllidaceae.
W-C 1470. Las Cruces, near San Vito de Java, Puntarenas Province. Large bulbous plant to 1 m. Leaves reddish purple. Donated by Robert G. Wilson. Cultivated. Bulb.
- 406737.** *CUCUMIS* sp. Cucurbitaceae.
W-C 1531. Institute Profesional Agropecuario, Jicaral, Puntarenas Province. Trailing vine. Fruit orange, 4 cm by 3 cm. Growing on Nicoya Peninsula. Wild. Seed.
- 406738.** *CUCURBITA* sp. Cucurbitaceae.
W-C 1532. Guardia de Liberia, Alajuela Province. Local name Ayote. Cultivated. Seed.
- 406739 and 406740.** *EUPHORBIA PULCHERRIMA* Wild. ex Klotzsch
Euphorbiaceae. **Common poinsettia.**
- 406739.** W-C 1476. Claude Hope Farm, Cartago, Cartago Province. Vigorous shrub to 2.5 m. Flowers subtended by small, yellowish bracts, each bearing 5 nectaries. Cultivated. Cuttings.
- 406740.** W-C 1511. Near Naranjo, Alajuela Province. Shrub with yellow floral bracts. Flowers with single nectary. Local name Pastora. Cultivated. Cuttings.
- 406741.** *FITTONIA ARGYRONEURA* E. Coem. Acanthaceae.
W-C 1471. Las Cruces, near San Vito de Java, Puntarenas Province. Dwarf variety. Donated by Robert G. Wilson. Leaves veined white. Cultivated. Seed.
- 406742.** *FUCHSIA ARBORESCENS* Sims Onagraceae.
W-C 1496. Along road up Volcano Turrialba, near Cartago Province. Shrub to 3 m. Leaves 3 at a node, mostly oblanceolate, to 15 cm long. Flowers in terminal panicle, lavender, followed by black berries, 3 mm in diameter. Growing near television tower. Wild. Seed.
- 406743.** *GILBERTIA* sp. Araliaceae.
W-C 1454. Las Cruces, Puntarenas Province. Shrub to 3 m. Leaves linear to 15 cm, yellowish. Resembles a croton (*Codiaeum*). Donated by Robert G. Wilson. L G H-68-1184 74-28. Cultivated. Seed.
- 406744.** *GOSSYPIUM* sp. Malvaceae.
W-C 1502. Claude Hope Farm, Cartago, Cartago Province. Shrub to 2 m. Wild. Seed.

406712 to 406796—Continued

406745. *HEMICHAENA FRUTICOSA* Benth. Scrophulariaceae.

W-C 1508. Cordillera Talamanca, along Pan American Highway. Elevation 2,500 m. Perennial herb to 1 m tall. Leaves opposite, inflorescence axillary on upper part of stem. Flowers tubular 3 cm long, bright yellow, speckled with reddish brown in the throat. Wild. Seed.

406746. *HOFFMANNIA PALLIDIFLORA* Standl. Rubiaceae.

W-C 1452. Las Cruces, Puntarenas Province. Ornamental, half-woody shrub. Leaves petiolate, fruit bright red. Donated by Robert G. Wilson. Cultivated. Seed.

406747. *IMPATIENS SULTANII* Hook. f. Balsaminaceae.

W-C 1456. Las Cruces, Puntarenas Province. Succulent herb to 30 cm. Flowers orange red, pinkish, or magenta. Cultivated. Seed.

406748. *IMPATIENS TURRIALBANA* Donn. Sm. Balsaminaceae.

W-C 1495. El Iris de Volcan Turrialba, Cartago Province. Vigorous herb to 2 m. Leaves whorled at nodes. Two flowers on each peduncle, 2 to 3 cm long, brilliant red. Spur inflated, capsule slender, 2.5 cm long, explosive. Wild. Seed.

406749. *LUFFA* sp. Cucurbitaceae.

W-C 1533. Guardia de Liberia, Alajuela Province. High climbing vine to 10 m long. Flowers yellow, seeds black. Fruit to 25 cm long, interior fibrous, used as sponge. Cultivated. Seed.

406750 to 406756. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

406750. W-C 1460. Public market, Cartago, Cartago Province. Red fruit to 9 cm in diameter. Cultivated. Seed.

406751. W-C 1466. Public market, Cartago, Cartago Province. Red fruit to 5 cm in diameter, soft. Cultivated. Seed.

406752. W-C 1467. Public market, Cartago, Cartago Province. Large, red, pear shaped to 10 cm in diameter. Cultivated. Seed.

406753. W-C 1479. Public market, Golfito, Puntarenas Province. Red fruit 6 to 8 cm in diameter. Cultivated. Seed.

406754. W-C 1481. Centro Agronomico Tropical de Investigacion y Ensenanza, Turrialba, Cartago Province. Fruit flat, to 7 cm in diameter. Cultivated. Seed.

406755. W-C 1489. Public market, Turrialba, Cartago Province. Red fruit to 8 cm in diameter. Local name Nicaraguena. Cultivated. Seed.

406756. W-C 1524. Pital, Alajuela Province. Fruit red, flattened, to 5 cm in diameter. Cultivated. Seed.

406757 to 406783. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) A. Gray

Cherry-tomato.

406757. W-C 1457. Las Cruces, Puntarenas Province. Fruit 1 to 1.5 cm in diameter. Cultivated. Seed.

406758. W-C 1465. Dulce Nombre, near Cartago, Cartago Province. Fruit to 1 cm in diameter. Cultivated. Seed.

406759. W-C 1474. Claude Hope Farm, Cartago, Cartago Province. Vigorous plant. Fruit in elongated raceme, to 3.5 cm in diameter, flavor good. Originally from Harold Loomis, Miami, Florida. Local name Loomis Selection. Cultivated. Seed.

406712 to 406796—Continued**406757 to 406783—Continued**

- 406760.** W-C 1475. Claude Hope Farm, Cartago, Cartago Province. Vigorous plant. Fruit in elongated raceme, to 3 cm in diameter, very sweet. Originally purchased from Thompson and Morgan. Local name Gardeners Delight. Cultivated. Seed.
- 406761.** W-C 1478. San Pablo, Heredia Province. Elevation 1,219 m. Fruit 2 cm in diameter. Donated by Dr. Edilberto Camacho. Wild. Seed.
- 406762.** W-C 1482. Centro Agronomico Tropical de Investigacion y Enseñanza, Turrialba, Cartago Province. Healthy, vigorous vines. Fruit to 2 cm in diameter, red. Wild. Seed.
- 406763.** W-C 1483. Centro Agronomico Tropical de Investigacion y Enseñanza, Turrialba, Cartago Province. Fruit 1 to 3 cm in diameter, red. Wild. Seed.
- 406764.** W-C 1484. Centro Agronomico Tropical de Investigacion y Enseñanza, Turrialba, Cartago Province. Fruit 1 to 1.5 cm in diameter. Growing in an experimental coffee field. Wild. Seed.
- 406765.** W-C 1485. Centro Agronomico Tropical de Investigacion y Enseñanza, Turrialba, Cartago Province. Fruit 1 to 1.5 cm in diameter, red. Growing in a nursery area. Seed.
- 406766.** W-C 1486. Centro Agronomico Tropical de Investigacion y Enseñanza, Turrialba, Cartago Province. Fruit 1.5 cm in diameter, red. Growing in a cacao plot. Wild. Seed.
- 406767.** W-C 1487. La Hulera, on road to Turrialba from Cartago Province. Vigorous vine to 2 m. Fruit 1.5 to 2 cm in diameter, red. Wild. Seed.
- 406768.** W-C 1488. La Molina, near Turrialba, Cartago Province. Fruit 2 cm in diameter. Wild. Seed.
- 406769.** W-C 1494. Toward Santa Cruz, 1 km from Santa Rosa, Cartago Province. Fruit in clusters up to 9, red, round to 2.5 cm in diameter. Wild. Seed.
- 406770.** W-C 1504. Centro Agronomico Tropical de Investigacion y Enseñanza, Turrialba, Cartago Province. Round, red fruit to 2.2 cm in diameter. Wild. Seed.
- 406771.** W-C 1512. Nicoya Peninsula, Puntarenas Province. Fruit from various plants, red, round, 1 to 3 cm in diameter. Donated by Albert Ingalls. Cultivated. Seed.
- 406772.** W-C 1514. Farm at Esparta, Puntarenas Province. Round, red cherry type, 2 to 2.5 cm in diameter. Resistant to drought and disease. Donated by Mario Cayuga. Cultivated. Seed.
- 406773.** W-C 1515. Farm along Rio Barranca, Puntarenas Province. Vigorous and persistent vine. Fruit round, red to 2.5 cm in diameter. Cultivated. Seed.
- 406774.** W-C 1516. Farm along Rio Barranca, Puntarenas Province. Seed donated by Mario Cayuga. Cultivated. Seed.
- 406775.** W-C 1522. One km north of Pital, Alajuela Province. Fruit red, 2 to 4 cm in diameter. Cultivated. Seed.
- 406776.** W-C 1523. One km north of Pital, Alajuela Province. Round, red fruit, 2 to 3 cm in diameter. Cultivated. Seed.

406712 to 406796—Continued**406757 to 406783—Continued**

- 406777.** W-C 1525. Pital, Alajuela Province. Fruit round, red, 2 to 3 cm in diameter. Cultivated. Seed.
- 406778.** W-C 1528. Lepanto, Nicoya Peninsula, Puntarenas Province. Fruit round to 1 cm in diameter. Cultivated. Seed.
- 406779.** W-C 1529. Lepanto, Nicoya Peninsula, Puntarenas Province. Fruit somewhat flattened, 2 cm in diameter. Growing in church yard. Cultivated. Seed.
- 406780.** W-C 1530. Instituto Profesional Agopecuario, Jicaral, Nicoya Peninsula, Puntarenas Province. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406781.** W-C 1534. Near house of David Asquina, La Cruz, Guanacaste Province. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406782.** W-C 1728. La Cruz, Guanacaste Province. Seed donated by Harold Inman, Liberia, Costa Rica. Wild. Seed.
- 406783.** W-C 1729. La Cruz, Guanacaste Province. Seed donated by Harold Inman, Liberia, Costa Rica. Wild. Seed.

406784. PASSIFLORA sp. Passifloraceae.

W-C 1453. Las Cruces, Near San Vito de Java, Puntarenas Province. Fruit to 1.5 cm in diameter, dark purple. Cultivated. Seed.

406785. PHASEOLUS COCCINEUS L. Fabaceae. **Scarlet runner bean.**

W-C 1473. Claude Hope Farm, Cartago, Cartago Province. Vigorous vine. Scarlet flowers, white seeded. Originally selected near Pan American Highway. Cultivated. Seed.

406786 and 406787. PHASEOLUS LUNATUS L. **Lima bean.**

406786. W-C 1463. Public market, San Isidro del General, San Jose Province. Large, yellow seed. Local name Cua. Cultivated. Seed.

406787. W-C 1520. Pital, Alajuela Province. Light brown seed. Local name Cubases. Cultivated. Seed.

406788 and 406789. PHASEOLUS VULGARIS L. **Common bean.**

406788. W-C 1464. Public market, San Isidro del General, San Jose Province. Small red bean. Local name Mexico—80. Cultivated. Seed.

406789. W-C 1509. Near Naranjo, Alajuela Province. Small brown seeds. Local name Aluvia or Frijol Romano. Cultivated. Seed.

406790. POLAKOWSKIA TACACO Pittier Cucurbitaceae.

W-C 1510. Near Naranjo, Alajuela Province. High climbing vine. Single seeded fruit resembling those of chayote, flattened, obovate, 5 segmented, spiny at apex. Young fruits used in soup. Local name Tacaco. Cultivated. Seed.

406791 and 406792. SALVIA POLYSTACHYA Mart. & Gal. **Lamiaceae.**

406791. W-C 1503. Roadside between Paraiso and Turrialba, Cartago Province. Perennial herb to 1 m. Flowers in terminal and lateral spikes, dark blue. Wild. Plant.

406792. W-C 1526. Roadside Paraiso and Turrialba. Cartago Province. Perennial herb to 1 m. Flowers in terminal and lateral spikes, dark blue. Wild. Plant.

406712 to 406796—Continued

406793. *SOLANUM QUITOENSE* Lam. Solanaceae. **Naranjilla.**

W-C 1527. Public market, Puntarenas, Puntarenas Province. Fruit round, orange, 2 to 2.5 cm in diameter, pulp green. Local name Naranjilla. Cultivated. Seed.

406794. *TRIOGANDRA WARSCEWICZIANA* (Kunth & Bouche) Woodson
Commelinaceae.

W-C 1492. Centro Agronomico Tropical de Investigacion y Ensenanza, Turrialba, Cartago Province. Succulent rosettes of leaves to 15 cm long. Flowers on elongated scapes, rose lavender, followed by plantlets. Cultivated. Plant.

406795. *VIGUIERA SYLVATICA* Klatt. Asteraceae.

W-C 1458. Above Villa Neilly, on road to San Vito de Java, Puntarenas Province. Herb to 2 m. Flowers 5 cm in diameter with 5 to 7 white ray petals. Wild. Seed.

406796. *ZEBRINA* sp. Commelinaceae.

W-C 1500. Slopes of Volcano Turrialba, Cartago Province. Trailing herb with opposite reddish green leaves, pink flowers. Wild. Plant.

406797 and 406798.

From Guatemala. Seed collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and R. L. Clark, Regional Plant Introduction Station, Ames, Iowa. Received February 25, 1976.

406797. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) A. Gray
Solanaceae. **Cherry tomato.**

W-C 1724. Finca Coban, below Tiquisate, Escuintla Department. Donated by J. E. Shrum, Jr. Local name Tomate Silvestre. Wild. Seed.

406798. *MUCUNA HOLTONII* (Ktze.) Moldenke Fabaceae.

W-C 1726. Near Jalpatagua, Jutiapa Department. High climbing woody vine. Fruit large, flat with 2 to 4 black seeds to 3.5 cm in diameter by 1 cm thick. Wild. Seed.

406799 to 406838.

From El Salvador. Plant material collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and R. L. Clark, Regional Plant Introduction Station, Ames, Iowa. Received March 2, 1976.

406799. *COUEPIA POLYANDRA* (H.B.K.) Rose Rosaceae.

W-C 1700. Public market, San Juan Nonualco, La Paz Department. Fruit yellow to brownish yellow, unequally ovate, slightly flattened surface warty. Flesh thin, yellow. Seed hard, covered with tough fibers. Fruit 4 to 5 cm in diameter, 7 to 9 cm long. Local name Zapote de Hule. Cultivated. Seed.

406800 to 406817. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

406800. W-C 1684. Public market, Santa Tecla, Libertad Province. Slightly flat fruit, red, to 8 cm in diameter. Local name Tomate de Jugo. Cultivated. Seed.

406801. W-C 1685. Public market, Santa Tecla, Libertad Province. Roundish or slightly oblong fruit, to 4 cm in diameter by 5 cm long, red. Local name Santa Cruz. Cultivated. Seed.

406799 to 406838—Continued**406800 to 406817—Continued**

- 406802.** W-C 1686. Public market, Santa Tecla, Liberated Province. Roundish tomato to 5 cm in diameter, pink. Local name Santa Cruz. Cultivated. Seed.
- 406803.** W-C 1687. Public market, Santa Tecla, Liberated Province. Oblong fruit to 6 cm long by 5 cm wide, red. Local name Rosado. Cultivated. Seed.
- 406804.** W-C 1688. Public market, Santa Tecla, Libertad Province. Obovate, pear tomato, red, 5 cm in diameter by 7 cm long. May be local selection from 'Roma'. Local name Jocote. Cultivated. Seed.
- 406805.** W-C 1689. Public market, Santa Tecla, Libertad Province. Pear-shaped fruit, 3 cm in diameter by 5 cm long, pink. Cultivated. Seed.
- 406806.** W-C 1690. Public market, Santa Tecla, Libertad Province. Fruit flat, pink, showing distinct carpels, 8 cm in diameter by 4 cm long. Local name Rinon or Rosita. Cultivated. Seed.
- 406807.** W-C 1691. Public market, Santa Tecla, Libertad Province. Flat, red fruit to 5 cm in diameter by 3 cm long, carpel divisions showing. Local name Rosita. Cultivated. Seed.
- 406808.** W-C 1695. Public market, Santiago Nonualco, La Paz Department. Fruit meaty, oblong or obovate, quadrate in cross section, red, 3 to 5 cm in diameter, 6 to 8 cm long. May be segregate of 'San Marzano'. Cultivated. Seed.
- 406809.** W-C 1696. Public market, Santiago Nonualco, La Paz Department. Fruit ovate to oblong, pink, small protuberance at blossom end, 2.5 to 4 cm in diameter, 5 cm long. Cultivated. Seed.
- 406810.** W-C 1697. Public market, Santiago Nonualco, La Paz Department. Fruit globose to slightly flattened, pink, 3 to 5 cm in diameter, 3 cm long. Cultivated. Seed.
- 406811.** W-C 1698. Public market, Santiago Nonualco, La Paz Department. Globose to slightly flattened red fruit, 4 to 6 cm in diameter, 3 to 4 cm long. Cultivated. Seed.
- 406812.** W-C 1699. Public market, Santiago Nonualco, La Paz Department. Flat, ribbed, red tomato, depressed at blossom end, 7 to 10 cm in diameter, 4 to 5 cm deep. Local name Rosita. Cultivated. Seed.
- 406813.** W-C 1701. Public market, Zacatecoluca, La Paz Department. Fruit ovoid to quadrate, red, 4 to 5 cm in diameter, 5 to 6 cm long. Cultivated. Seed.
- 406814.** W-C 1702. Public market, Zacatecoluca, La Paz Department. Flat, large, cat-faced fruit, sometimes many celled, 5 to 7 cm wide by 7 to 12 cm long, and about 4 cm deep, pink. Cultivated. Seed.
- 406815.** W-C 1707. La Granja, Zapotitan, La Libertad Department. Globose, red fruit to 6 cm diameter. Single plant selection from 'Cruz' variety by Israeli scientist. Local name Santa Cruz. Cultivated. Seed.
- 406816.** W-C 1708. Zapotitan Valley, La Libertad Department. Globose to flattened, red fruits to 8 cm in diameter. Selected by Elias Averenga. Cultivated. Seed.
- 406817.** W-C 1709. Santa Rosa, La Libertad Department. Flattened, red fruit to 10 cm in diameter. Seed donated by Rogelio Guzman, Santa Rosa. Local name Rosita. Cultivated. Seed.

406799 to 406838—Continued

- 406818 to 406838.** LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.)
A. Gray Cherry tomato.
- 406818.** W-C 1692. Centro Nacional de Teconologia Agropuecaria, Santa Tecla, Libertad Province. Donated by B. H. White. Originally from La Paz Department. Seed.
- 406819.** W-C 1693. Centro Nacional de Tecnologia Agropecuaria, United States Agency for International Development, Santa Tecla, Libertad Department. Originally from Hawaii. Donated by B. H. Waite. Seed.
- 406820.** W-C 1694. Centro Nacional de Tecnologia Agropecuaria, Santa Tecla, Libertad Department. Large fruit. Originally from Hawaii. Donated by B. H. Waite. Cultivated. Seed.
- 406821.** W-C 1703. Ruins of San Andres, 20 km from San Salvador toward Santa Ana, La Libertad Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406822.** W-C 1704. Ruins of San Andres, 20 km from San Salvador toward Santa Ana, La Libertad Department. Extremely vigorous plant. Fruit round, red, to 1 cm in diameter. Wild. Seed.
- 406823.** W-C 1705. Ruins of San Andres, 20 km from San Salvador toward Santa Ana, La Libertad Department. Fruit round, red, to 2.5 cm in diameter. Growing in corn stubble adjacent to pyramids. Wild. Seed.
- 406824.** W-C 1706. Ruins of San Andres, 20 km from San Salvador toward Santa Ana, La Libertad Department. Round, red fruit to 3 cm in diameter. Growing in corn stubble adjacent to pyramid. Wild. Seed.
- 406825.** W-C 1710. Santa Rosa, La Libertad Department. Round, red fruit to 1 cm in diameter. On farm owned by Rogelio Guzman. Wild. Seed.
- 406826.** W-C 1711. Near Quezaltepeque, La Libertad Department. Vigorous plants. Round red fruit to 1.5 cm in diameter. Growing in corn stubble. Wild. Seed.
- 406827.** W-C 1712. Toward Apopa, 8 km from Quezaltepeque, San Salvador Department. Vigorous plant. Fruit round, red, to 1.5 cm in diameter. Growing beside road in dust 15 cm thick. Wild. Seed.
- 406828.** W-C 1713. Lake Guija area, Santa Ana Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406829.** W-C 1714. Near Santa Ana on road Santa Ana to Texistepeque, Santa Ana Department. Round, red fruit to 1 cm in diameter. Growing near rice mill. Wild. Seed.
- 406830.** W-C 1715. South edge of Santa Ana, Santa Ana Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406831.** W-C 1716. Coatepeque, Santa Ana Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406832.** W-C 1717. El Congo, Santa Ana Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406833.** W-C 1718. Ciudad Arce, La Libertad Department. Round, red fruit to 1 cm in diameter. Wild. Seed.

406799 to 406838—Continued**406818 to 406838—Continued**

- 406834.** W-C 1719. San Vicente, San Vicente Department. Round red fruit to 1 cm in diameter. Local name Tomate Gallina. Donated by Esperanza Romero. Cultivated. Seed.
- 406835.** W-C 1720. Sonsonate, Departamento Sonsonate. Round, red fruit to 1.3 cm in diameter. Composite from 3 plants. Wild. Seed.
- 406836.** W-C 1721. Ravine in San Salvador, Department San Salvador. Round, red fruit to 1.5 cm in diameter. Donated by Zaly Suarez, Secretary to J. W. Brock, Agricultural Attache. Wild. Seed.
- 406837.** W-C 1722. Home garden, Ilopango, San Salvador Department. Elevation 450 to 500 m. Round, red fruit to 1.5 cm in diameter. Cultivated. Seed.
- 406838.** W-C 1723. Chalchuapa, Santa Ana Department. Round, red fruit to 1 cm in diameter. Wild. Seed.

406839 to 406946.

From Honduras. Plant material collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Station, Beltsville, Maryland, and R. L. Clark, Regional Plant Introduction Station, Ames, Iowa. Received February 27, 1976.

406839 and 406840. ABUTILON CHITTENDENII Standl. Malvaceae.

- 406839.** W-C 1663. Beteen Cofradia and La Arada on road San Pedro Sula to Copan, Santa Barbara Department. Shrub to 3 m, leaves cordate, flowers bright silky yellow with red eye zone, 7 cm in diameter. Wild. Seed.
- 406840.** W-C 1664. Between Cofradia and La Arada on road San Pedro Sula to Copan, Santa Barbara Department. Shrub to 3 m, leaves cordate, flowers bright silky yellow with red eye zone, 6 cm diameter. More floriferous and flower better conformation than P.I. 406839. Wild. Seed.

406841. ANTHURIUM sp. Araceae.

W-C 1662. Toward Copan, 160 km from San Pedro Sula, Copan Department. Oblong leaves with short petioles. Wild. Plant.

406842. ANTHURIUM sp.

W-C 1675. Toard Tela, 24 km from La Ceiba, Atlantida Department. Epiphytic plant with oblong leaves. Wild. Plant.

406843. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

W-C 1581. Public market, Tegucigalpa, Central District. Large, pink-skinned seeds. Local name Cacaguante. Cultivated. Seed.

406844. BRASSAVOLA GLAUCA Lindl. Orchidaceae.

W-C 1679. Along road Danli to Chichicaste, El Paraiso Department. Epiphytic, semidwarf, single flower from apex of terminal pseudobulb. Flower 7 cm in diameter, very fragrant at night. Wild. Plant.

406845. BROWALLIA sp. Solanaceae.

W-C 1627. Km 20, on road Tegucigalpa to El Zamorano, Morazan Department. Herb to 25 cm. Profuse flowering flower violet with light yellow eye. Growing in coffee plantation. Wild. Seed.

406846. CANNA INDICA L. Cannaceae.

W-C 1674. Edge of La Ceiba, Atlantida Department. Perennial herb to 1 m. Flower yellow with red spots. Wild. Seed.

406839 to 406946—Continued

406847. *CAPSICUM ANNUUM* L. Solanaceae.

W-C 1595. Junction of Yuscaran road with El Zamorano road, El Paraiso Department. Prolific plant to 1 m tall. Fruits erect, to 4 cm long, 0.75 cm wide, red, pungent. Local name Chile. Cultivated. Seed.

406848. *CUCURBITA* sp. Cucurbitaceae.

W-C 1587. Public market, Tegucigalpa, Central District. Cultivated. Seed.

406849. *CUPHEA* sp. Lythraceae.

W-C 1628. Km 20, road Tegucigalpa to El Zamorano. Herb to 30 cm. Flower cardinal red. Wild. Seed.

406850. *EPIDENDRUM ALATUM* Batem. Orchidaceae.

W-C 1682. Santa Rita, 173 km from San Pedro Sula on road to Copan, Copan Department. Epiphytic, pseudobulb to 12 cm long, each with 2 or 3 leaves. Wild. Plant.

406851. *EPIDENDRUM* sp.

W-C 1677. Along road Danli to Chichicaste, El Paraiso Department. Epiphytic, dwarf, plant. Leaves close set and distichous on stem. Wild. Plant.

406852. *EPIDENDRUM* sp.

W-C 1678. Along road Danli to Chichicaste, El Paraiso Department. Epiphytic, dwarf plant with elongated pseudobulbs. Wild. Plant.

406853. *EPIDENDRUM* sp.

W-C 1680. Pine forest, terrestrial, along road El Zamorano to Yuscaran, El Paraiso Department. Short, stout pseudobulb with 3 terminal leaves. Wild. Plant.

406854. *EPIDENDRUM* sp.

W-C 1683. Santa Rita, 173 km from San Pedro Sula, on road to Copan, Copan Department. Epiphytic. Jointed pseudobulbs to 12 cm long surmounted with 2 leaves. Wild. Plant.

406855. *HIBISCUS* sp. Malvaceae.

W-C 1672. Tela, Atlantida Department. Tall herb to 2 m. Flowers purple, capsule 1.5 cm long surrounded by slightly spin calyces. Wild. Seed.

406856. *HIBISCUS* sp.

W-C 1676. Marsh near Lake Yojoa, near Agua Azul Motel, Cortes Department. Herb to 2 m. Leaves cordate, flowers pink. Wild. Seed.

406857. *LAGENARIA* sp. Cucurbitaceae.

W-C 1621. San Francisco, 3 km road from El Zamorano to Guinope, Morazan Department. Fruit 0.5 m in diameter, round. Used locally for utensils. Cultivated. Seed.

406858 to 406871. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.

Tomato.

406858. W-C 1579. Public market, Tegucigalpa, Central District. Large, flat, red fruit. Cultivated. Seed.

406859. W-C 1580. Public market, Tegucigalpa, Central District. Medium sized, slightly flattened, red fruit, dimpled at blossom end. Local name Manzano. Cultivated. Seed.

406860. W-C 1604. Public market, Danli, El Paraiso Department. Ovoid fruits, red, 3 cm in diameter by 4 cm long. Local name Tomate Pera. Cultivated. Seed.

406839 to 406946—Continued**406858 to 406871—Continued**

- 406861.** W-C 1611. Public market, Yuscaran, El Paraiso Department. Elongated, ovoid fruit 4 cm in diameter to 6 cm long, red. Local name Ciruela. Cultivated. Seed.
- 406862.** W-C 1612. Public market, Yuscaran, El Paraiso Department. Flat tomato to 7 cm in diameter, dimpled at blossom end, red. Cultivated. Seed.
- 406863.** W-C 1620. San Francisco, 3 km from El Zamorano, on road to Guinope, Morazan Department. Slightly flattened, red fruits to 3 cm in diameter. Cultivated. Seed.
- 406864.** W-C 1635. Public market, Comayagua, Comayagua Department. Flat, red fruit to 7 cm in diameter. Local name Estrella. Cultivated. Seed.
- 406865.** W-C 1636. Public market, Comayagua, Comayagua Department. Plum shaped fruits, 3 cm wide by 5 cm long. Local name Perito Chapin. Cultivated. Seed.
- 406866.** W-C 1637. Public market, Comayagua, Comayagua Department. Flat, red fruits, dimpled at blossom end, 9 cm in diameter. Local name Manzano. Cultivated. Seed.
- 406867.** W-C 1638. Public market, Comayagua, Comayagua Department. Large, pear shaped fruit, 7 cm long by 4 cm in diameter. Local name Pera Grande. Cultivated. Seed.
- 406868.** W-C 1639. Public market, Comayagua, Comayagua Department. Pear shaped fruit with nipple at blossom end, 7 cm long by 4 cm in diameter. Local name Pera Grande. Cultivated. Seed.
- 406869.** W-C 1640. Public market, Comayagua, Comayagua Department. Flat, red fruit to 7 cm in diameter. Local name Rinon. Cultivated. Seed.
- 406870.** W-C 1648. Along road to Puerto Cortes, 32 km from San Pedro Sula, Cortes Department. Flat, red fruits to 4 cm in diameter. Wild. Seed.
- 406871.** W-C 1727. La Ceiba, Atlantida Department. Slightly flattened, red fruit, 6 cm in diameter. Growing on vacant lot. Cultivated. Seed.
- 406872 to 406934.** LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.)
A. Gray **Cherry tomato.**
- 406872.** W-C 1575. San Marcos de Colon, Choluteca Department. Round, red fruits to 1 cm in diameter. Roadside seeds. Wild. Seed.
- 406873.** W-C 1576. San Francisco, Choluteca Department. Vigorous plant. Round, red fruits to 1 cm in diameter. Roadside seed. Wild. Seed.
- 406874.** W-C 1577. Nueva Armenia, along Pan American Highway, Morazan Department. Vigorous vine on steep roadbank. Fruit round, red to 1 cm in diameter. Wild. Seed.
- 406875.** W-C 1588. Vacant lot, 1 km beyond American Embassy along same street, Tegucigalpa, Central District. Round, orange-red fruit to 1 cm in diameter. Wild. Seed.
- 406876.** W-C 1589. Radio station, near entrance of Highway No. 1 into Camayaguela, Central District. Extremely vigorous plant. Fruit round, bright red, to 1 cm in diameter. Plant damaged by white fly. Wild. Seed.
- 406877.** W-C 1590. Vicinity of El Zamorano, Morazan Department. Vigorous plant. Round, red fruit to 1 cm in diameter. Wild. Seed.

406839 to 406946—Continued**406872 to 406934—Continued**

- 406878.** W-C 1591. Vicinity of El Zamorano, Morazan Department. Vigorous plant. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406879.** W-C 1592. Vicinity of El Zamorano, Morazan Department. Vigorous plant. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406880.** W-C 1593. Road El Zamorano to Danli, near junction of Yuscaran Road, El Paraiso Department. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406881.** W-C 1594. Junction of Yuscaran Road with El Zamporano-Danli Road, El Paraiso Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406882.** W-C 1596. Junction of Porterillos Road with El Zamorano-Danli Road, El Paraiso Department. Round, red fruits to 1.5 cm. Wild. Seed.
- 406883.** W-C 1597. Junction of Potrerillos Road with El Zamorano-Danli Road, El Paraiso Department. Round, red fruits to 2 cm in diameter. Seed.
- 406884.** W-C 1598. Jacaleapa, on road El Zamorano-Danli, El Paraiso Department. Round, red fruits to 1.5 cm in diameter. Wild. Seed.
- 406885.** W-C 1599. Ojo de Agus, on road El Zamorano-Danli, El Paraiso Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406886.** W-C 1600. Arenar, on road El Zamorano to Danli, El Paraiso Department. Extremely vigorous vine climbing among other vines to second story of house. Fruit round, red to 0.75 cm in diameter. Cultivated. Seed.
- 406887.** W-C 1601. Hacienda San Juan, on road El Zamorano to Danli, El Paraiso Department. Round, red fruits to 1.5 cm in diameter. Cultivated. Seed.
- 406888.** W-C 1602. San Diego on road Danli to Chichicaste, El Paraiso Department. Round, red fruit to 2 cm in diameter. Naturalized along stream. Wild. Seed.
- 406889.** W-C 1603. Public market, Danli, El Paraiso Department. Round, red fruit to 1.5 cm in diameter. Cultivated. Seed.
- 406890.** W-C 1605. Toward El Paraiso, 1 km from Danli, El Paraiso Department. Round red fruits to 2 cm in diameter. Wild. Seed.
- 406891.** W-C 1606. On road to El Paraiso, 1 km from Danli, El Paraiso Department. Extremely vigorous vine. Fruit round, red to 1.5 cm in diameter. Seed.
- 406892.** W-C 1607. On road to El Paraiso, 16 km from Danli, El Paraiso Department. Extremely vigorous vine growing over rocks. Fruit round, red, to 1 cm in diameter. Wild. Seed.
- 406893.** W-C 1608. Toward Yuscaran, 3 km from El Zamorano-Danli road, El Paraiso Department. Round, red fruit to 2 cm in diameter. Growing as a seed in old garden. Wild. Seed.
- 406894.** W-C 1609. Toward Yuscaran, 10.5 km from El Zamorano-Danli road, El Paraiso Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406895.** W-C 1610. Public market, Yuscaran, El Paraiso Department. Round, red fruit to 1 cm in diameter. Wild. Seed.

406839 to 406946—Continued**406872 to 406934—Continued**

- 406896.** W-C 1617. San Francisco, about 3 km from El Zamorano on road to Guinope, Morazan Department. Vigorous plant. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406897.** W-C 1618. San Francisco, about 3 km from El Zamorano, on road to Guinope, Morazan Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406898.** W-C 1619. San Francisco, 3 km from El Zamorano on road to Guinope, Morazan Department. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406899.** W-C 1622. End of San Francisco area, before steep road to Guinope from El Zamorano, Morazan Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406900.** W-C 1623. La China, 1 km from El Zamorano on road to Guinope Morazan Department. Vigorous vine. Fruit red to 0.7 cm in diameter. Wild. Seed.
- 406901.** W-C 1624. La China, 1 km from El Zamorano on road to Guinope, Morazan Department. Vigorous vines. Fruit round, red to 1 cm in diameter. Wild. Seed.
- 406902.** W-C 1629. Along road near airport, Tegucigalpa, Central District. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406903.** W-C 1630. On road to San Pedro Sula, 2 km from Tegucigalpa, Central District. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406904.** W-C 1631. On road to San Pedro Sula, 17 km from Tegucigalpa, Central District. Round, red fruit 1 to 2 cm in diameter. Wild. Seed.
- 406905.** W-C 1632. On road to San Pedro Sula, 28 km from Tegucigalpa, Central District. Vigorous plant. Round, red fruit to 3 cm in diameter. Cultivated. Seed.
- 406906.** W-C 1633. On road to San Pedro Sula, 85 km from Tegucigalpa, Comayagua Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406907.** W-C 1634. Public market, Comayagua Department. Round, red fruit to 2 cm in diameter. Cultivated. Seed.
- 406908.** W-C 1641. North edge of San Pedro Sula, along road to Puerto Cortes, Cortes Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406909.** W-C 1642. Along railroad tracks, 5 km from San Pedro Sula toward Puerto Cortes, Cortes Department. Round, red fruit to 1.2 cm in diameter. Wild. Seed.
- 406910.** W-C 1643. Along road to Puerto Cortes, 11 km from San Pedro Sula, Cortes Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406911.** W-C 1644. Along road to Puerto Cortes, 11 km from San Pedro Sula, Cortes Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406912.** W-C 1645. Choloma, Cortes Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406913.** W-C 1646. Along road to Puerto Cortes, 23 km from San Pedro Sula, Cortes Department. Round, red fruit to 1 cm in diameter. Wild. Seed.

406839 to 406946—Continued**406872 to 406934—Continued**

- 406914.** W-C 1647. Along road to Puerto Cortes, 32 km from San Pedro Sula, Cortes Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406915.** W-C 1649. Along road to Puerto Cortes, 38 km from San Pedro Sula, Cortes Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406916.** W-C 1650. Along road to Puerto Cortes, 49 km from San Pedro Sula, Cortes Department. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406917.** W-C 1651. Vacant lot, Puerto Cortes, Cortes Department. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406918.** W-C 1653. South edge of San Pedro Sula, Cortes Department. Round, red fruits to 2 cm in diameter. Growing in cornfield. Wild. Seed.
- 406919.** W-C 1654. Toward Copan, 6.5 km from San Pedro Sula, Cortes Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406920.** W-C 1655. On road to Copan, 62.5 km from San Pedro Sula, Santa Barbara Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406921.** W-C 1656. On road to Copan, 65 km from San Pedro Sula, Santa Barbara Department. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406922.** W-C 1657. On road to Copan, 70 km from San Pedro Sula, Santa Barbara Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406923.** W-C 1658. To Copan, 112 km from San Pedro Sula, Copan Department. Round, red fruit to 2.5 cm in diameter. Wild. Seed.
- 406924.** W-C 1659. To Copan, 125 km from San Pedro Sula, Copan Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406925.** W-C 1660. On road to Copan, 167 km from San Pedro Sula, Copan Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406926.** W-C 1661. Toward Copan, 173 km from San Pedro Sula, Copan Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406927.** W-C 1665. Colonia San Sebastian, 5 km from San Pedro Sula toward El Progreso, Cortes Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406928.** W-C 1666. Toward El Progreso, 11 km from San Pedro Sula, Cortes Department. Round, red fruit to 1.1 cm in diameter. Growing at entrance to airport. Wild. Seed.
- 406929.** W-C 1667. Toward El Progreso, 17 km from San Pedro Sula, Cortes Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406930.** W-C 1668. El Progreso, 29 km from San Pedro Sula, Yoro Department. Round, red fruit to 1 cm in diameter. Wild. Seed.
- 406931.** W-C 1669. Toward Tela, 4 km on road from El Progreso, Yoro Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406932.** W-C 1670. Guaimitas, 19 km on road El Progreso to Tela, Yoro Department. Round, red fruit to 1.5 cm in diameter. Wild. Seed.
- 406933.** W-C 1671. Tela, Atlantida Department. Round, red fruit to 2 cm in diameter. Wild. Seed.
- 406934.** W-C 1673. Colonia Nueva San Juan, 69 km from Tela toward La Ceiba, Atlantida Department. Round, red fruit 1.2 cm in diameter. Wild.

406839 to 406946—Continued**406935.** ONCIDIUM sp. Orchidaceae.

W-C 1681. Santa Rita, 173 km from San Pedro Sula on road to Copan, Copan Department. Epiphytic. Few fleshy leaves to 30 cm long, 15 cm wide. Wild. Plant.

406936 to 406938. PHASEOLUS LUNATUS L. Fabaceae. **Lima bean.**

406936. W-C 1582. Public market, Tegucigalpa, Central District. Purple colored seeds. Local name Chinapopas. Cultivated. Seed.

406937. W-C 1583. Public market, Tegucigalpa, Central District. Cream colored seeds. Local name Chinapopas. Cultivated. Seed.

406938. W-C 1584. Public market, Tegucigalpa, Central District. Black seeds. Local name Chinapopas. Cultivated. Seed.

406939 and 406940. PHASEOLUS VULGARIS L. **Common bean.**

406939. W-C 1585. Public market, Tegucigalpa, Central District. Small, black seed. Cultivated. Seed.

406940. W-C 1586. Public market, Tegucigalpa, Central District. Small black-striated grey colored seeds. Cultivated. Seed.

406941. THUNBERGIA ALATA Boj. ex Sims Acanthaceae.**Blackeyed clockvine.**

W-C 1652. Near town of Baracoa, along road to Puerto Cortes from San Pedro Sula. Herbaceous vine with prolific flower production. Orange, black-eyed flowers to 2.5 cm in diameter. Wild. Seed.

406942. TRADESCANTIA sp. Commelinaceae.

W-C 1625. Guinote, El Paraiso Department. Small leaved type of "Wandering Jew". Undersurface of leaves and stems purple, upper surface green. Cultivated. Plant.

406943 and 406944. VIGNA UNGUICULATA (L.) Walp. subsp. UNGUICULATA Fabaceae. **Cowpea.**

406943. W-C 1613. Escuela Agricola Panamericana, El Zamorano, Morazan Department. Seed tan, speckled grey brown. Used for green manure crop. Local name Victor. Cultivated. Seed.

406944. W-C 1614. Escuela Agricola Panamericana, El Zamorano, Morazan Department. Dwarf plant that holds inflorescences, erect, seed black. Originally from Dr. Eduardo Jimenez Saenz, San Jose, Costa Rica. Local name Centa 105. Cultivated. Seed.

406945 and 406946. ZEA MAYS L. Poaceae. **Corn.**

406945. W-C 1615. Escuela Agricola Panamericana, El Zamorano, Morazan Department. White kernels. Local name Sintetico Tuxpeno. Cultivated. Seed.

406946. W-C 1616. Escuela Agricola Panamericana, El Zamorano, Morazan Department. Yellow kernels. Local name Zamorano H-2. Cultivated. Seed.

406947 to 406985.

From Nicaragua. Plant material collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and R. L. Clark, Regional Plant Introduction Station, Ames, Iowa. Received February 29, 1976.

406947 to 406985—Continued

- 406947.** ALLIUM CEPA L. Liliaceae. **Onion.**
W-C 1549. One km from Sebaco, Matagalpa Department. White, bulbous onion. Reproduced by seed in Nicaragua. Local name Paisana. Cultivated. Seed.
- 406948.** CAPSICUM ANNUUM L. Solanaceae. **Pimento.**
W-C 1554. Palace Hotel, Managua, Managua Department. Perennial to 2 m tall. Fruit small, red, pungent. Cultivated. Seed.
- 406949.** DIPLADENIA sp. Apocynaceae.
W-C 1566. Roadside at El Recreo, Zelaya Department. Slender vine to 2 m tall, leaves opposite, flower salverform, yellow with red eye. Wild. Cuttings.
- 406950.** GOSSYPIUM sp. Malvaceae.
W-C 1562. Town of Teustepe, Boaco Department. Shrub to 2 m. Bolls small with 3 or 4 carpels, lint white. Growing both as dooryard and wild cotton. Wild. Seed.
- 406951.** IPOMOEA sp. Convolvulaceae.
W-C 1578. Roadside between Esteli and Somoto, Madriz Department. Vigorous twining vine to 3 m long, leafless. Flowers 10 cm in diameter, white. Wild. Cuttings.
- 406952 to 406968.** LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**
- 406952.** W-C 1537. Public market, Managua. Fruit somewhat lobed, red, to 10 cm in diameter. Local name Chilcarajo. Cultivated. Seed.
- 406953.** W-C 1538. Public market, Managua. Pink fruit, catfaced, many lobes, flat, 6 cm by 12 cm. Local name Chilca. Cultivated. Seed.
- 406954.** W-C 1539. Public market, Managua. Large, pear shaped, pink, 5 cm wide by 6 cm long. Local name Roma Chilca. Cultivated. Seed.
- 406955.** W-C 1540. Public market, Managua. Large, pear-to-oblong shaped, lobed at apex, pink, 5 cm by 5 cm. Local name Boca de Mono. Cultivated. Seed.
- 406956.** W-C 1541. Public market, Managua. Flat tomato, slightly lobed, 5 to 6 cm in diameter, orange-red color. Local name Mandarinina. Cultivated. Seed.
- 406957.** W-C 1542. Three km south of Tisma, Masaya Department. Large, flat, slightly catfaced, pink fruit 7 cm by 12 cm. Local name Chilca. Cultivated.
- 406958.** W-C 1543. Three km south of Tisma, Masaya Department. Oblong fruit, depressed at calyx and blossom end, 6 cm by 6 cm. Cultivated. Seed.
- 406959.** W-C 1544. Three km south of Tisma, Masaya Department. Medium to large, oval to oblong fruit, depressed at both blossom end and calyx, pink, 5 to 8 cm wide by 5 to 8 cm long. Cultivated. Seed.
- 406960.** W-C 1545. Three km south of Tisma, Masaya Department. Large round tomato, depressed at calyx but not at blossom end, pink, 6 by 6 cm. Cultivated. Seed.
- 406961.** W-C 1546. Tisma, Masaya Department. Fruit not seen. Local name Chilca Quatro Canto. Seed donated by Orlando Mendez Fuentes. Cultivated. Seed.
- 406962.** W-C 1547. Tisma, Masaya Department. Fruit not seen. Seed donated by Orlando Mendez Fuentes. Local name Boca de Mono. Cultivated. Seed.

406947 to 406985—Continued**406952 to 406968—Continued**

406963. W-C 1548. One km from Sebaco, Matagalpa Department. Round to oblong fruit, red, 5 cm in diameter. Local name Boca Mono. Cultivated. Seed.

406964. W-C 1551. Sebaco, Matagalpa Department. Flat fruit, slightly catfaced, 8 cm in diameter. Local name Chilca. Cultivated. Seed.

406965. W-C 1553. Sebaco, Matagalpa Department. Oblong fruit, 4 cm in diameter by 5 cm long. Cultivated. Seed.

406966. W-C 1563. Public market, Rama, Zelaya Department. Fruit flattened to 7 cm in diameter, pink. Said to be from Dariol. Cultivated. Seed.

406967. W-C 1564. Public market, Rama, Zelaya Department. Fruit ovoid to obovoid, pink with green shoulder, 6 cm in diameter by 7 cm deep. Said to be from Dariol. Cultivated. Seed.

406968. W-C 1565. El Recreo, Zelaya Department. Fruit said to be considerably flattened and kidney shaped. Local name Rinon. Seed purchased in village. Cultivated. Seed.

406969 to 406982. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.)

A. Gray

Cherry tomato.

406969. W-C 1552. Sebaco, Matagalpa Department. Round orange-red fruit 0.8 to 1 cm in diameter. Wild. Seed.

406970. W-C 1556. Rio Negro, Boaco Department. Elevation 457 m. Fruit round, red, 1 to 2 cm in diameter. Brought in by Armando Gonzales. Cultivated. Seed.

406971. W-C 1557. Rio Negro, Boaco Department. Elevation 457 m. Round red fruit, 1.5 to 3 cm in diameter. Brought in by Armando Gonzales. Wild. Seed.

406972. W-C 1558. Along El Barco River, Boaco Department, near km 47 on road Managua to Rama. Flat red fruit to 2.5 cm in diameter. Cultivated. Seed.

406973. W-C 1560. Km 65 between Pan American Highway and Tuestepe, Boaco Department. Small red fruit, less than 1 cm in diameter. Wild. Seed.

406974. W-C 1561. Town of Teustepe, Boaco Department. Round red fruit to 1.5 cm in diameter. Local name Tomato de Gallina Legitima. Cultivated. Seed.

406975. W-C 1567. Santo Tomas, Chontales Department. Fruit flattened to 2 cm in diameter. Cultivated. Seed.

406976. W-C 1568. Cemetery Road out of Santo Tomas, Chontales Department. Vigorous, fruit 3 lobed, flattened to 2.5 cm in diameter. Wild. Seed.

406977. W-C 1569. Cemetery Road out of Santo Tomas, Chontales Department. Vigorous plant. Fruit round, red to 1.5 cm in diameter. Wild. Seed.

406978. W-C 1570. Cemetery Road, out of Santo Tomas, Chontales Department. Vigorous plant. Fruit red, 4 lobed, to 3 cm in diameter. Seed.

406979. W-C 1571. Cemetery Road out of Santo Tomas, Chontales Department. Vigorous plant. Round, red fruit to 2 cm in diameter. Wild. Seed.

406980. W-C 1572. Ten km before El Espino, Madriz Department. Vigorous plant. Round, red fruit to 1 cm in diameter. Growing with weeds in sorghum field. Wild. Seed.

406947 to 406985—Continued**406969 to 406982—Continued**

406981. W-C 1573. Km 228, near El Espino, Madriz Department. Round, red fruit to 1 cm in diameter. Weed in banana field. Wild. Seed.

406982. W-C 1574. Km 228, near El Espino, Madriz Department. Round, red fruit to 2 cm in diameter. Weed in banana field. Wild. Seed.

406983. MELAMPODIUM PALUDOSUM H.B.K. Asteraceae.

W-C 1550. One km from Sebaco, Matagalpa Department. Annual herb to 70 cm tall. Many small, daisylike flowers. Local name Flor Amarilla. Wild. Seed.

406984. PASSIFLORA FOETIDA L. Passifloraceae. Passionflower.

W-C 1555. Ruins of Managua, Managua Department. Prostrate or climbing vine, with lavender flowers. Fruits bright red at maturity, to 3 cm in diameter. Wild. Seed.

406985. VIGNA UNGUICULATA subsp. SESQUIPEDALIS (L.) Verdc. Fabaceae. Yard-long bean.

W-C 1559. Along El Barco River, 57 km from Managua, near road to Rama, Boaco Department. Pods 35 cm long, seeds light red. Cultivated. Seed.

406986 to 407017.

From Panama. Plant material collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and R. L. Clark, Regional Plant Introduction Station, Ames, Iowa. Received February 3, 1976.

406986. BROWALLIA sp. Solanaceae.

W-C 1445. Boquete, Chiriqui Province. Annual to 15 cm tall, flowers lavender. Wild. Seed.

406987. CAPSICUM ANNUUM L. Solanaceae.

W-C 1421. Public market, Panama City. Fruit 5 to 7 cm long, deeply furrowed, thin fleshed, bright red at maturity, pungent. Cultivated. Seed.

406988. DIANTHERA sp. Acanthaceae.

W-C 1450. Along stream near Concepcion, Chiriqui Province. Low-growing herb, flowers lavender. Wild. Seed.

406989. HELIANTHUS sp. Asteraceae.

W-C 1451. Boquete, Chiriqui Province. Perennial. Flowers freely produced, 8 cm in diameter, bright yellow, single row of petals. Cultivated. Seed.

406990 to 407011. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

406990. W-C 1422. Public market, Panama City. Fruit somewhat flattened, many carpels, catfaced, pinkish red, thick fleshed, solid. Local name Villano. Cultivated. Seed.

406991. W-C 1423. Public market, Panama City. Fruit red, somewhat flattened, thin walled, many carpels, puffy, not well filled. Local name Rinon. Cultivated. Seed.

406992. W-C 1424. Public market, Colon. Fruit red, many carpels, flat to 8 cm in diameter. Local name Nacional. Cultivated. Seed.

406993. W-C 1425. Public market, Colon. Fruit pink, flat, multiple celled, 8 cm in diameter. Local name Nacional. Cultivated. Seed.

406994. W-C 1430. Chitre, Herrera Province. Large seed. Donated by Dr. German DeLeon, Ministerio de Desarrollo Agropecuario (MIDA) Region 3 Azuero. Local name Huaca 1-10. Cultivated. Seed.

406986 to 407017—Continued**406990 to 407011—Continued**

- 406995.** W-C 1431. Chitre, Herrera Province. Harvested 04/05/75. Donated by Dr. German DeLeon. Local name Linea 1-12 (Masal) Los Santos. Seed.
- 406996.** W-C 1432. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name 1-12 Uveno. Cultivated. Seed.
- 406997.** W-C 1433. Chitre, Herrera Province. Donated by Dr. German DeLeon. Local name Linea 11-1-3. Cultivated. Seed.
- 406998.** W-C 1434. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name 12-26. Cultivated. Seed.
- 406999.** W-C 1435. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name 12-36. Cultivated. Seed.
- 407000.** W-C 1436. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name 12-47. Cultivated. Seed.
- 407001.** W-C 1437. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name 12-54. Cultivated. Seed.
- 407002.** W-C 1438. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name Linea-22. Cultivated. Seed.
- 407003.** W-C 1439. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name F₂ Ferrer x Delina 4-74. Cultivated. Seed.
- 407004.** W-C 1440. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name F₃ 521 x Roma. Cultivated. Seed.
- 407005.** W-C 1441. Chitre, Herrera Province. Resistant to bacterial wilt. Donated by Dr. German DeLeon. Local name F₃ Delinia x Ferrer, Guarare. Cultivated. Seed.
- 407006.** W-C 1442. Chitre, Herrera Province. Originally from Italy. Donated by Dr. German DeLeon. Local name Placero Lobulado. Cultivated. Seed.
- 407007.** W-C 1443. Boquete, Chiriqui Province. Round fruit to 5 cm in diameter, flesh thick. Cultivated. Seed.
- 407008.** W-C 1444. Boquete, Chiriqui Province. Flat type to 5 cm diameter, flesh medium thick. Cultivated. Seed.
- 407009.** W-C 1446. Public market, David, Chiriqui Province. Round fruit to 4 cm in diameter. Cultivated. Seed.
- 407010.** W-C 1447. Public market, David, Chiriqui Province. Flat fruit, 5 to 8 cm in diameter. Cultivated. Seed.
- 407011.** W-C 1448. Public market, David, Chiriqui Province. Large, red, flat fruit to 8 cm in diameter. Cultivated. Seed.
- 407012 to 407016.** LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.)
A. Gray Solanaceae. **Cherry tomato.**
- 407012.** W-C 1426. Llano Largo, near Ocu, Herrera Province. Fruit 2 to 3 cm in diameter, free of disease. Cultivated. Seed.
- 407013.** W-C 1427. Los Carate, near Ocu, Herrera Province. Fruit flattened 2 to 3.5 cm in diameter, 2 to 3 locules, free of disease. Cultivated. Seed.

406986 to 407017—Continued**407012 to 407016—Continued**

407014. W-C 1428. Los Carate, near Ocu, Herrera Province. Fruit 1 to 2.5 cm in diameter, free of disease. Cultivated. Seed.

407015. W-C 1429. Sentimiento, near Ocu, Herrera Province. Flattened fruit, 2 to 3.5 cm in diameter, 2 to 4 locules, free of disease. Local name Topeton. Cultivated. Seed.

407016. W-C 1725. Ingenio La Victoria, Santiago, Veraguas Province. Fruit round, orange-red, 3 to 5 cm in diameter. Said to be resistant to bacterial wilt. Donated by Ing. Eduardo Esquivel R., Corporacion Azucarera. Local name Tomate Silvestre. Cultivated. Seed.

407017. MALVA VISCUS sp. Malvaceae.

W-C 1449. Near Concepcion, Chiriqui Province. Shrub to 1 m. Flowers red, erect, not expanding widely, 5 cm long. Fruit 1 cm wide, orange, fleshy. Growing along stream. Wild. Seed.

407018 to 407155. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From Japan. Seed collected fall of 1972 by R. L. Bernard, U. S. Regional Soybean Laboratory, Urbana, Illinois (Coded J), Shigeo Matsumoto, Tohoku National Agricultural Experiment Station, Nishisenboku, Akita-ken (Coded TJ), and Tadao Nagata, University, Kobe (Coded C and R). Numbered February 9, 1976.

407018. J3-A. Near Kowakubi Hotel, Nishisenboku, Akita-ken. In weed field.

407019. J3-B. Near Kowakubi Hotel, Nishisenboku, Akita-ken. In weed field.

407020. J4-A. Omono River at Kariwano bridge, Nishisenboku, Akita-ken.

407021. J4-B. Omono River at Kariwano bridge, Nishisenboku, Akita-ken.

407022. J5-A. Imaizumi, Nishisenboku-cho, Akita-ken. Roadside near pond.

407023. J5-B. Imaizumi, Nishisenboku-cho, Akita-ken. Roadside near pond.

407024. J5-C. Imaizumi, Nishisenboku-cho, Akita-ken. Roadside near pond.

407025. J6-A. Tsuchikai river at Osanai bridge, Imaizumi, Nishisenboku-cho, Akita-ken.

407026. J6-B. Tsuchikai river at Osanai bridge, Imaizumi, Nishisenboku-cho, Akita-ken.

407027. J6-C. Tsuchikai river at Osanai bridge, Imaizumi, Nishisenboku-cho, Akita-ken.

407028. J7. Niida, Akita City, Akita-ken. Vacant lot near Akita Prefectural Experiment Station.

407029. J8. Niida, Akita City, Akita-ken. Grass road at Akita Prefectural Experiment Station.

407030. TJ3-A. Under the Kariwano bridge, Omono River, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.

407031. TJ3-B. Under the Kariwano bridge, Omono River, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.

407032. TJ3-C. Under the Kariwano bridge, Omono River, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.

407018 to 407155—Continued

- 407033.** TJ3-D. Under the Kariwano bridge, Omono River, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407034.** TJ4-A. Thirty m upstream from Kariwano bridge, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407035.** TJ4-B. Thirty m upstream from Kariwano bridge, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407036.** TJ4-C. Thirty m upstream from Kariwano bridge, Kariwano, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407037.** TJ5-A. By side of Imaizumi river, Nishiimaizumi, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407038.** TJ5-B. By side of Imaizumi river, Nishiimaizumi, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407039.** TJ5-C. By side of Imaizumi river, Nishiimaizumi, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407040.** TJ5-D. By side of Imaizumi river, Nishiimaizumi, Nishisenboku-cho, Senboku, Akita-ken.
- 407041.** TJ6-A. By bridge over Imaizumi river, Osanai, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407042.** TJ6-B. By bridge over Imaizumi river, Osanai, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407043.** TJ6-C. By bridge over Imaizumi river, Osanai, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407044.** TJ6-D. By bridge over Imaizumi river, Osanai, Nishisenboku-cho, Senboku-gun, Akita-ken.
- 407045.** TJ7-A. Niida, Konakajima, Akita-ken. By road through Akita Prefectural Experiment Station.
- 407046.** TJ7-B. Niida, Konakajima, Akita-ken. By road through Akita Prefectural Experiment Station.
- 407047.** TJ7-C. Niida, Konakajima, Akita-ken. By road through Akita Prefectural Experiment Station.
- 407048.** J9-A. Iwate University, Iwate-ken. Growing wild on campus.
- 407049.** J9-B. Iwate University, Iwate-ken. Growing wild on campus.
- 407050.** J9-C. Iwate University, Iwate-ken. Growing wild on campus.
- 407051.** J9-D. Iwate University, Iwate-ken. Growing wild on campus.
- 407052.** J9-E. Iwate University, Iwate-ken. Growing wild on campus.
- 407053.** J2-A. Shiojiri, Kikyogahara Branch, Negano Agricultural Experiment Station, Nagano-ken. Growing in fence row.
- 407054.** J2-B. Shiojiri, Kikyogahara Branch, Negano Agricultural Experiment Station, Nagano-ken. Growing in fence row.
- 407055.** J10. Experimental plots at Kobe University. Originally collected in Shizuoka-ken about 1960 by Drs. Yamada and Horiuchi of the Tokai-Kinki Agricultural Experiment Station.
- 407056.** J35. Taketoyo, Chita Peninsula, Aichi-ken. Growing on railroad track.
- 407057.** J37. Taketoyo, Chita Peninsula, Aichi-ken. Growing on Tokai-Kinki Agricultural Experiment Station.

407018 to 407155—Continued

- 407058.** J38-A. Taketoyo, Chita Peninsula, Aichi-ken. Growing near Tokai-Kinki Agricultural Experiment Station.
- 407059.** J38-B. Taketoyo, Chita Peninsula, Aichi-ken. Growing near Tokai-Kinki Agricultural Experiment Station.
- 407060.** J39. South part of Taketoyo, Chita Peninsula, Aichi-ken.
- 407061.** J40-A. Taketoyo, between Tokai-Kinki Agricultural Experiment Station and Meitetsu Railroad Station, Chita Peninsula, Aichi-ken.
- 407062.** J40-B. Taketoyo, between Tokai-Kinki Agricultural Experiment Station and Meitetsu Railroad Station, Chita Peninsula, Aichi-ken.
- 407063.** J41-A. South of Tokoname, near Aichi irrigation canal, Chita Peninsula, Aichi-ken.
- 407064.** J41-B. South of Tokoname, near Aichi irrigation canal, Chita Peninsula, Aichi-ken.
- 407065.** J42. South of Tokoname, Chita Peninsula, Aichi-ken. Growing in sandy soil 500 m from ocean.
- 407066.** J43-A. South of Tokoname, between highway and ocean, Chita Peninsula, Aichi-ken. Growing 400 m from ocean.
- 407067.** J43-B. South of Tokoname, between highway and ocean, Chita Peninsula, Aichi-ken. Growing 400 m from ocean.
- 407068.** C12. Near Kowa, south of Taketoyo, Chita Peninsula, Aichi-ken.
- 407069.** C13. Near Kowa, south of Taketoyo, Chita Peninsula, Aichi-ken.
- 407070.** C14. Near Kowa, south of Taketoyo, Chita Peninsula, Aichi-ken.
- 407071.** C15. Near Toyooka, Chita Peninsula, Aichi-ken.
- 407072.** C16. Near Toyooka, Chita Peninsula, Aichi-ken.
- 407073.** C18. Near Toyooka, Chita Peninsula, Aichi-ken.
- 407074.** C19. Near Toyooka, Chita Peninsula, Aichi-ken.
- 407075.** C20. Near Morozaki, Chita Peninsula, Aichi-ken.
- 407076.** C21. Near Iwaya, Chita Peninsula, Aichi-ken.
- 407077.** C22. Near Iwaya, Chita Peninsula, Aichi-ken.
- 407078.** C23. Between Iwaya and Kaminoma, Chita Peninsula, Aichi-ken.
- 407079.** C24. Between Iwaya and Kaminoma, Chita Peninsula, Aichi-ken.
- 407080.** C25. Between Iwaya and Kaminoma, Chita Peninsula, Aichi-ken.
- 407081.** C26. Between Iwaya and Kaminoma, Chita Peninsula, Aichi-ken.
- 407082.** C27. Between Iwaya and Kaminoma, Chita Peninsula, Aichi-ken.
- 407083.** C28-A. Near Harada, Chita Peninsula, Aichi-ken.
- 407084.** C28-B. Near Harada, Chita Peninsula, Aichi-ken.
- 407085.** C29-A. Near Harada, Chita Peninsula, Aichi-ken.
- 407086.** C29-B. Near Harada, Chita Peninsula, Aichi-ken.
- 407087.** J44. Miki, Hyogo-ken. Vacant lot near Mino river.
- 407088.** J45-A. Miki, Hyogo-ken. Bank of Mino river.
- 407089.** J45-B. Miki, Hyogo-ken. Bank of Mino river.
- 407090.** J46. Miki, Hyogo-ken. Roadside in northeast Miki.
- 407091.** J47. Yokawa, between Miki and Sanda, Hyogo-ken.

407018 to 407155—Continued

407092. J48-A. Okawa Inada, east of Okawa, Hyogo-ken.
407093. J48-B. Okawa Inada, east of Okawa, Hyogo-ken.
407094. J49. Western Sanda, Hyogo-ken.
407095. J50. Northern Sanda, Hyogo-ken.
407096. J51. Northern Sanda, Hyogo-ken.
407097. R1-A. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407098. R1-B. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407099. R2. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407100. R3-A. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407101. R3-B. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407102. R4. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407103. R5. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407104. R6. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407105. R7. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407106. R8-A. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407107. R8-B. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407108. R9-A. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407109. R9-B. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407110. R10. Near Yamada river, between Minotani and Toda, Hyogo-ken.
407111. R11. Ogawa river near Shimomura, Hyogo-ken.
407112. R12. Ogawa river near Shimomura, Hyogo-ken.
407113. R13-A. Ogawa river near Shimomura, Hyogo-ken.
407114. R13-B. Ogawa river near Shimomura, Hyogo-ken.
407115. R14. Ogawa river near Shimomura, Hyogo-ken.
407116. R16-A. Ogawa river near Ogawa, Hyogo-ken.
407117. R16-B. Ogawa river near Ogawa, Hyogo-ken.
407118. R17. Ogawa river near Ogawa, Hyogo-ken.
407119. R18. Ogawa river near Ogawa, Hyogo-ken.
407120. R19. Ogawa river near Ogawa, Hyogo-ken.
407121. R20. Ogawa river, west of Ogawa, Hyogo-ken.
407122. R21. Ogawa river, west of Ogawa, Hyogo-ken.
407123. R22. Ogawa river, west of Ogawa, Hyogo-ken.
407124. R23. Ogawa river, west of Ogawa, Hyogo-ken.
407125. R24. Ogawa river, west of Ogawa, Hyogo-ken.
407126. J33. Okayama, near railroad tracks west of station, Okayama-ken.
407127. J11-A. Nishihara village, Aso-gun, Kumamoto-ken (Kyushu Island).
Gravel roadside, edge of soybean field.
407128. J11-B. Nishihara village, Aso-gun, Kumamoto-ken (Kyushu Island).
Gravel roadside, edge of soybean field.
407129. J11-C. Nishihara village, Aso-gun, Kumamoto-ken (Kyushu Island).
Gravel roadside, edge of soybean field.
407130. J11-D. Nishihara village, Aso-gun, Kumamoto-ken (Kyushu Island).
Gravel roadside, edge of soybean field.

407018 to 407155—Continued

- 407131.** J12. Choya village, Aso-gun, Kumamoto-ken (Kyushu Island). Roadside of Highway 57 near Tatemo Experiment Station. Elevation 450 m.
- 407132.** J13. Kumamoto, Kumamoto-ken (Kyushu Island). On campus of Kyushu Agricultural Experiment Station.
- 407133.** J14. Kami-Kumamoto, Kumamoto, Kumamoto-shi, Kumamoto-ken (Kyushu Island). Near Kafo Kiyomasa temple.
- 407134.** J15. Higo Ikura, north of Kumamoto, Kumamoto-ken (Kyushu Island).
- 407135.** J16-A. Higo Ikura, north of Kumamoto, Kumamoto-ken (Kyushu Island).
- 407136.** J16-B. Higo Ikura, north of Kumamoto, Kumamoto-ken (Kyushu Island).
- 407137.** J17. Higo Ikura, north of Kumamoto, Kumamoto-ken (Kyushu Island).
- 407138.** J18. Higo Ikura, north of Kumamoto, Kumamoto-ken (Kyushu Island).
- 407139.** J19. Higo Ikura, north of Kumamoto, Kumamoto-ken (Kyushu Island).
- 407140.** J20. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407141.** J22. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407142.** J23-A. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407143.** J23-B. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407144.** J23-C. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407145.** J24. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407146.** J25. Two to three km south of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407147.** J26. One km north of Higo Ikura, Kumamoto-ken (Kyushu Island).
- 407148.** J27-A. Nishizata, north of Kumamoto, Kumamoto-ken (Kyushu Island). Growing on railroad track.
- 407149.** J27-B. Nishizata, north of Kamamoto, Kumamoto-ken (Kyushu Island). Growing on railroad track.
- 407150.** J27-C. Nishizata, north of Kumamoto, Kumamoto-ken (Kyushu Island). Growing on railroad track.
- 407151.** J27-D. Nishizata, north of Kumamoto, Kumamoto-ken (Kyushu Island). Growing on railroad track.
- 407152.** J28. Nishizata, north of Kumamoto, Kumamoto-ken (Kyushu Island). Growing on paddy dike. Some very late plants still flowering.
- 407153.** J29. Nishizata, north of Kumamoto, Kumamoto-ken (Kyushu Island). Growing by town streets.
- 407154.** J30. Shimuzu, Kumamoto, Kumamoto-ken (Kyushu Island).

407018 to 407155—Continued

407155. J32. Nishigoshi, Kikuchi-gun, Kumamoto-ken (Kyushu Island).
Growing on campus of Kyushu Agricultural Experiment Station.

407156 to 407158. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From Japan. Seed presented in 1973 by Hiroyoshi Ohashi, Department of Botany, Faculty of Science, University of Tokyo, Tokyo, to R. L. Bernard, U.S. Regional Soybean Laboratory, Urbana, Illinois. Numbered February 9, 1976.

407156. No. 313. Uchino in Oshinomura, Yamanashi Prefecture. Elevation 950 m. Y. Tateishi, October 1972.

407157. No. 315-A. Godaihata, Chiba Prefecture. Elevation 50 m. Y. Tateishi, October 1972.

407158. No. 315-B. Godaihata, Chiba Prefecture. Elevation 50 m. Y. Tateishi, October 1972.

407159 to 407274. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From Korea. Seed collected October 1972 by R. L. Bernard, United States Regional Soybean Laboratory, Urbana, Illinois, and K. Chung, E. Hong, S. Chong and E. Ree, Crops Experiment Station, Office of Rural Development, Suwon. Numbered February 9, 1976.

407159. K1-A. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407160. K1-B. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407161. K1-C. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407162. K1-D. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407163. K1-E. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407164. K1-F. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407165. K1-G. Sinkal-Ri, 8 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a small creek.

407166. K2-A. Sanghar-Ri, 9 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a cultivated field.

407167. K2-B. Sanghar-Ri, 9 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a cultivated field.

407168. K2-C. Sanghar-Ri, 9 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a cultivated field.

407169. K2-D. Sanghar-Ri, 9 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a cultivated field.

407170. K2-E. Sanghar-Ri, 9 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a cultivated field.

407159 to 407274—Continued

407171. K2-F. Sanghar-Ri, 9 km east of Suwon, Yongin Gun, Gyeonggi Do.
Growing by a cultivated field.
407172. K3-A. Yangji-Ri, 24 km east of Suwon, Yongin Gun, Gyeonggi Do.
407173. K3-B. Yangji-Ri, 24 km east of Suwon, Yongin Guy, Gyeonggi Do.
407174. K4-A. Ichon, 10 km west of Ichon City, Ichon Gun, Gyeonggi Do.
Growing by a creek.
407175. K4-B. Ichon, 10 km west of Ichon City, Ichon Gun, Gyeonggi Do.
Growing by a creek.
407176. K4-C. Ichon, 10 km west of Ichon City, Ichon Gun, Gyeonggi Do.
Growing by a creek.
407177. K4-D. Ichon, 10 km west of Ichon City, Ichon Gun, Gyeonggi Do.
Growing by a creek.
407178. K5. Pangyo-Ri, 2 km south of Pangyo by Seoul-Busan express
highway, Gwangju Gun, Gyeonggi Do.
407179. K6-A. Four km east of Geumgog, 20 km east of Seoul, Yangju Gun,
Gyeonggi Do.
407180. K6-B. Four km east of Geumgog, 20 km east of Seoul, Yangju Gun,
Gyeonggi Do.
407181. K7. Maseogu-Ri, 24 km east of Seoul, Yangju Gun, Gyeonggi Do.
407182. K8-A. Oseo-Myun, west of Gapyeong, Gapyeong Gun, Gyeonggi Do.
407183. K8-B. Oseo-Myun, west of Gapyeong, Gapyeong Gun, Gyeonggi Do.
407184. K29. Hangkae-Ri, Taian-Myun, 5 km south of Suwon, Hwaseong
Gun, Gyeonggi Do. Growing on side of big dike.
407185. K30-A. Saikyo-Ri, Osan Eup, 4 km north of Osan, 11 km south of
Suwon, Hwaseong Gun, Gyeonggi Do.
407186. K30-B. Saikyo-Ri, Osan Eup, 4 km north of Osan, 11 km south of
Suwon, Hwaseong Gun, Gyeonggi Do.
407187. K30-C. Saikyo-Ri, Osan Eup, 4 km north of Osan, 11 km south of
Suwon, Hwaseong Gun, Gyeonggi Do.
407188. K56-A. Near Prince Sado tomb, 8 km south of Suwon by Woodland
Road, Hwaseong Gun, Gyeonggi Do.
407189. K56-B. Near Prince Sado tomb, 8 km south of Suwon by Woodland
Road, Hwaseong Gun, Gyeonggi Do.
407190. K56-C. Near Prince Sado tomb, 8 km south of Suwon by Woodland
Road, Hwaseong Gun, Gyeonggi Do.
407191. K57. By Lake Soho, Office of Rural Development campus, Suwon,
Suwon City, Gyeonggi Do.
407192. K9. Chilchon-Ri, Sindon Myun, 4 km west of Chuncheon, Chunseong
Gun, Gangweon Do. Growing by road.
407193. K10. Dongsan-Myun, 16 km southeast of Chuncheon, Chunseong
Gun, Gangweon Do. Growing by creek in mountain area.
407194. K11. Cho-Yang-Ri, Dongsan-Myun, 21 km south of Chuncheon,
Chunseong Gun, Gangweon Do. Growing on mountainside.
407195. K12-A. Yeonbong-Ri, Hongcheon Eub, 45 km south of Chuncheon,
Hongcheon Gun, Gangweon Do. Growing by road in mountain valley.

407159 to 407274—Continued

407196. K12-B. Yeonbong-Ri, Hongcheon Eub, 45 km south of Chuncheon, Hongcheon Gun, Gangweon Do. Growing by road in mountain valley.
407197. K12-C. Yeonbong-Ri, Hongcheon Eub, 45 km south of Chuncheon, Hongcheon Gun, Gangweon Do. Growing by road in mountain valley.
407198. K13-A. Nam-Myun, 45 km south of Chuncheon, near Hongcheon Eub boundary line, Hongcheong Gun, Gangweon Do. Growing on mountain pass.
407199. K13-B. Nam-Myun, 45 km south of Chuncheon, near Hongcheon Eub boundary line, Hongcheong Gun, Gangweon Do. Growing on mountain pass.
407200. K14-A. Changyang 1-Ri, Sochun-Myun, 8 km north of Weonju, Weonseong Gun, Gangweon Do. Growing by creek.
407201. K14-B. Changyang 1-Ri, Sochun-Myun, 8 km north of Weonju, Weonseong Gun, Gangweon Do. Growing by creek.
407202. K15. Borderline between Weonseong Gun and Hoengseong Gun, 15 km north of Weonju, Weonseong Gun, Gangweon Do. Growing by creek.
407203. K16-A. Heungub-Ri 1 gu, Heungub-Myun, 8 km south of Weonju, Weonseong Gun, Gangweon Do.
407204. K16-B. Heungub-Ri 1 gu, Heungub-Myun, 8 km south of Weonju, Weonseong Gun, Gangweon Do.
407205. K17. Maeji-Ri, Heungub-Myun, 19 km south of Weonju, Weonseong Gun, Gangweon Do. Growing by lake.
407206. K18. Wungae-Ri, Guirae-Myun, 24 km south of Weonju, Weonseong Gun, Gangweon Do. Growing by creek.
407207. K19. Chungcheong Bug Do line, 26 km south of Weonju and 25 km north of Chungju, Weonseong Gun, Gangweon Do. Growing by creek.
407208. K20. Sutai-Myun, 23 km north of Chungju, Jungweon Gun, Chungcheong Bug Do.
407209. K21-A. Yadong-Ri, Sutai-Myun, 22 km north of Chungju, Jungweon Gun, Chungcheong Bug Do.
407210. K21-B. Yadong-Ri, Sutai-Myun, 22 km north of Chungju, Jungweon Gun, Chungcheong Bug Do.
407211. K22-A. Moggae-Ri, Umjong-Myun, 16 km north of Chungju, Jungweon Gun, Chungcheong Bug Do. Growing by creek.
407212. K22-B. Moggae-Ri, Umjong-Myun, 16 km north of Chungju, Jungweon Gun, Chungcheong Bug Do. Growing by a creek.
407213. K22-C. Moggae-Ri, Umjong-Myun, 16 km north of Chungju, Jungweon Gun, Chungcheong Bug Do. Growing by a creek.
407214. K23-A. Daejeon-Ri, Dongyang-Myun, 10 km north of Chungju, Jungweon Gun, Chungcheong Bug Do.
407215. K23-B. Daejeon-Ri, Dongyang-Myun, 10 km north of Chungju, Jungweon Gun, Chungcheong Bug Do.
407216. K24-A. Manchong-Ri, Lilew-Myun, 8 km west of Chungju, toward Cheongju, Jungweon Gun, Chungcheong Bug Do.
407217. K24-B. Manchong-Ri, Lilew-Myun, 8 km west of Chungju, toward Cheongju, Jungweon Gun, Chungcheong Bug Do.

407159 to 407274—Continued

- 407218.** K24-C. Manchong-Ri, Lilew-Myun, 8 km west of Chungju, toward Cheongju, Jungweon Gun, Chungcheong Bug Do.
- 407219.** K25-A. Bisan-Ri, Soi-Myun, 18 km southwest of Chungju, Umseong Gun, Chungcheong Bug Do. Growing by road.
- 407220.** K25-B. Bisan-Ri, Soi-Myun, 18 km southwest of Chungju, Umseong Gun, Chungcheong Bug Do. Growing by road.
- 407221.** K26. Sinchun-Ri, Wonnam-Myun, 24 km southwest of Chungju, Umseong Gun, Chungcheong Bug Do. Growing on paddy dike.
- 407222.** K27. Munam-Ri, Wonnam-Myun, 39 km southwest of Chungku, 10 km northeast of Jungpyeong, Umseong Gun, Chungcheong Bug Do. Growing by creek.
- 407223.** K28-A. Naechu-Ri, Buki-Myun, 4 km southwest of Jungpyeong, Cheongweon Gun, Chungcheong Bug Do. Growing in field.
- 407224.** K28-B. Naechu-Ri, Buki-Myun, 4 km southwest of Jungpyeong, Cheongweon Gun, Chungcheong Bug Do. Growing in field.
- 407225.** K46-A. Ansan-Ri, Tandong-Myun, 28 km north of Daejon, Daedeog Gun, Chungcheong Nam Do. Growing by road.
- 407226.** K46-B. Ansan-Ri, Tandong-Myun, 28 km north of Daejon, Daedeog Gun, Chungcheong Nam Do. Growing by road.
- 407227.** K46-C. Ansan-Ri, Tandong-Myun, 28 km north of Daejon, Daedeog Gun, Chungcheong Nam Do. Growing by road.
- 407228.** K46-D. Ansan-Ri, Tandong-Myun, 28 km north of Daejon, Daedeog Gun, Chungcheong Nam Do. Growing by road.
- 407229.** K47-A. Chechon-Ri, Jangki-Myun, 34 km north of Daejon, Gongju Gun, Chungcheong Nam Do.
- 407230.** K47-B. Chechon-Ri, Jangki-Myun, 34 km north of Daejon, Gongju Gun, Chungcheong Nam Do.
- 407231.** K47-C. Chechon-Ri, Jangki-Myun, 34 km north of Daejon, Gongju Gun, Chungcheong Nam Do.
- 407232.** K48. Doge-Ri, Jangki-Myun, 38 km north of Daejon, Gongju Gun, Chungcheong Nam Do.
- 407233.** K52-A. Sinan Dong, Jochiwon Up, 4 km north of Jochiwon, Yongi Gun, Chungcheong Nam Do. Growing by road.
- 407234.** K52-B. Sinan Dong, Jochiwon Up, 4 km north of Jochiwon, Yongi Gun, Chungcheong Nam Do. Growing by road.
- 407235.** K52-C. Sinan Dong, Jochiwon Up, 4 km north of Jochiwon, Yongi Gun, Chungcheong Nam Do. Growing by road.
- 407236.** K53-A. Chundong-Myun, 7 km north of Jochiwon, Yongi Gun, Chungcheong Nam Do. Growing by creek.
- 407237.** K53-B. Chundong-Myun, 7 km north of Jochiwon, Yongi Gun, Chungcheong Nam Do. Growing by creek.
- 407238.** K54. Upnae Ri, Choeneui-Myun, 16 km north of Jochiwon, Yongi Gun, Chungcheong Nam Do. Growing by gully.
- 407239.** K55. Sosa-Ri, 10 km south of Chonan City, Chonan Gun, Chungcheong Nam Do. Growing by road.
- 407240.** K35-A. Yodong-Ri, Cheongdo Up, 12 km north of Milyang, 12 km south of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.

407159 to 407274—Continued

407241. K35-B. Yodong-Ri, Cheongdo Up, 12 km north of Milyang, 12 km south of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.
407242. K36-A. Sindo 2 Ku, Cheongdo Up, 6 km south of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.
407243. K36-B. Sindo 2 Ku, Cheongdo Up, 6 km south of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.
407244. K36-C. Sindo 2 Ku, Cheongdo Up, 6 km south of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.
407245. K37-A. Bumgok Dong, Cheondo Up, 2 km north of Cheongdo, Cheongdo Gun, Gyongsang Bug Do. Growing at base of hill by creek.
407246. K37-B. Bumgok Dong, Cheondo Up, 2 km north of Cheongdo, Cheongdo Gun, Gyongsang Bug Do. Growing at base of hill by creek.
407247. K37-C. Bumgok Dong, Cheondo Up, 2 km north of Cheongdo, Cheongdo Gun, Gyongsang Bug Do. Growing at base of hill by creek.
407248. K37-D. Bumgok Dong, Cheondo Up, 2 km north of Cheongdo, Cheongdo Gun, Gyongsang Bug Do. Growing at base of hill by creek.
407249. K38. Gugok Dong, Kang Nam Myun, 8 km west of Cheongdo, Cheongdo Gun, Gyongsang Bug Do. Growing in hedgerow between rice and apple orchard.
407250. K39-A. Heuksuk 1 Dong, Pungkag Myun, 12 km west of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.
407251. K39-B. Heuksuk 1 Dong, Pungkag Myun, 12 km west of Cheongdo, Cheongdo Gun, Gyongsang Bug Do.
407252. K31-A. Kyodong 2 Ku, Milyang Up, 2 km northeast of Milyang, Milyang Gun, Gyongsang Nam Do.
407253. K31-B. Kyodong 2 Ku, Milyang Up, 2 km northeast of Milyang, Milyang Gun, Gyongsang Nam Do.
407254. K32-A. Kyodong 3 Ku, Milyang Up, 4 km northeast of Milyang, Milyang Gun, Gyongsang Nam Do. Growing by Nam River.
407255. K32-B. Kyodong 3 Ku, Milyang Up, 4 km northeast of Milyang, Milyang Gun, Gyongsang Nam Do. Growing by Nam River.
407256. K33-A. Tajuk-Ri 2 Ku, Sanwae-Myun, 10 km northeast of Milyang, Milyang Gun, Gyongsang Nam Do. Growing by road.
407257. K33-B. Tajuk-Ri 2 Ku, Sanwae-Myun, 10 km northeast of Milyang, Milyang Gun, Gyongsang Nam Do. Growing by road.
407258. K34-A. Kihyon-Ri, Sanwoe-Myun, 5 km north of Milyang, Milyang Gun, Gyongsang Nam Do. Growing by road.
407259. K34-B. Kihyon-Ri, Sanwoe-Myun, 5 km north of Milyang, Milyang Gun, Gyongsang Nam Do. Growing by road.
407260. K40. Bang-Ri, Seungsam-Myun, 12 km north of Changnyong, 3 km from Gyongsang Bug Do line, Changnyong Gun, Gyongsang Nam Do. Growing by mountain stream.
407261. K41. One km northwest of Chungdae-Ri, Goam-Myun, 4 km north of Changnyong, Changnyong Gun, Gyongsang Nam Do. Growing by creek between rice fields.

407159 to 407274—Continued

- 407262.** K42-A. Yocho-Ri, Changnyong Up, 4 km south of Changnyong, Changnyong Gun, Gyongsang Nam Do. Growing by small creek.
- 407263.** K42-B. Yocho-Ri, Changnyong Up, 4 km south of Changnyong, Changnyong Gun, Gyongsang Nam Do. Growing by small creek.
- 407264.** K42-C. Yocho-Ri, Changnyong Up, 4 km south of Changnyong, Changnyong Gun, Gyongsang Nam Do. Growing by small creek.
- 407265.** K43. Dukgok, Dochon-Myun, 3 km east of Yeongsan, 28 km west of Milyang, Changnyong Gun, Gyongsang Nam Do. Growing by creek.
- 407266.** K44-A. Ingyo-Ri, Bugok-Myun, 16 km southwest of Milyang, Changnyong Gun, Gyongsang Nam Do.
- 407267.** K44-B. Ingyo-Ri, Bugok-Myun, 16 km southwest of Milyang, Changnyong Gun, Gyongsang Nam Do.
- 407268.** K44-C. Ingyo-Ri, Bugok-Myun, 16 km southwest of Milyang, Changnyong Gun, Gyongsang Nam Do.
- 407269.** K45-A. Jijong, Muan-Myun, 8 km southwest of Milyang, Milyang Gun, Gyongsang Nam Do.
- 407270.** K45-B. Jijong, Muan-Myun, 8 km southwest of Milyang, Milyang Gun, Gyongsang Nam Do.
- 407271.** K49. Jonju, by river 2 km southeast of Jonju toward Imshi, Wanju Gun, Jolla Bug Do.
- 407272.** K50-A. Dejong village, Jungrim-Ri, Samkwan-Myun, 9 km southeast of Jonju, Wanju Gun, Jolla Bug Do. Growing by creek.
- 407273.** K50-B. Dejong village, Jungrim-Ri, Samkwan-Myun, 9 km southeast of Jonju, Wanju Gun, Jolla Bug Do. Growing by creek.
- 407274.** K51. Nongam-Ri, Samkwan-Myun, 14 km southeast of Jonju, Wanju Gun, Jolla Bug Do.

407275 to 407284. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From Korea. Seed presented by S. H. Kwon, Radiation Research Institute in Agriculture, Office of Atomic Energy, Seoul to R. L. Bernard, United States Regional Soybean Laboratory, Urbana, Illinois. Numbered February 9, 1976.

- 407275.** K101-A. Kwachun, near Anyang, Siheung Gun, Gyeonggi Do. Collected in 1972.
- 407276.** K101-B. Kwachun, near Anyang, Siheung Gun, Gyeonggi Do. Collected in 1972.
- 407277.** K101-C. Kwachun, near Anyang, Siheung Gun, Gyeonggi Do. Collected in 1972.
- 407278.** K102. Near Seoul, Siheung Gun, Gyeonggi Do. Collected in 1970.
- 407279.** K103-A. Jeju Do. Collected in 1971.
- 407280.** K103-B. Jeju Do. Collected in 1971.
- 407281.** K103-C. Jeju Do. Collected in 1971.
- 407282.** K103-D. Jeju Do. Collected in 1971.
- 407283.** K103-E. Jeju Do. Collected in 1971.
- 407284.** K103-F. Jeju Do. Collected in 1971.

407285 to 407287. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From Japan. Seed presented 1974 by National Seed Storage Laboratory National Institute of Agricultural Sciences, Hiratsuka, Kanagawa-ken. Numbered February 5, 1976.

407285. Hiratsuka No. 040264. 'Yasei Daizu'. Kanto-Tosan region.

407286. Hiratsuka No. 040269-A. 'Tsuru Mame'. Kanto-Tosan Region.

407287. Hiratsuka No. 040269-B. 'Tsuru Mame'. Kanto-Tosan region.

407288 to 407307. GLYCINE SOJA Sieb. & Zucc. Fabaceae.**Wild soybean.**

From People's Republic of China. Seed collected September 1974 by R. L. Bernard, U.S. Regional Soybean Laboratory, Urbana, Illinois. Numbered February 9, 1976.

407288. W1-A. Nan Wai Tse Commune, near Kungchuling, Kirin Province. Growing in low wet pasture.

407289. W1-B. Nan Wai Tse Commune, near Kungchuling, Kirin Province. Growing in low, wet pasture.

407290. W2-A. Nan Wai Tse Commune, Kirin Province. Growing on bank of small roadside ditch by a rice paddy.

407291. W2-B. Nan Wai Tse Commune, Kirin Province. Growing on bank of small roadside ditch by a rice paddy.

407292. W3-A. Near Nan Hu Hotel, Changchun, Kirin Province. Growing in open field.

407293. W3-B. Near Nan Hu Hotel, Changchun, Kirin Province. Growing in open field.

407294. W3-C. Near Nan Hu Hotel, Changchun, Kirin Province. Growing in open field.

407295. W3-D. Near Nan Hu Hotel, Changchun, Kirin Province. Growing in open field.

407296. W4-A. Airport at Shenyang, Liaoning Province. Growing in weedy area near a cultivated field.

407297. W4-B. Airport at Shenyang, Liaoning Province. Growing in weedy area near a cultivated field.

407298. W4-C. Airport at Shenyang, Liaoning Province. Growing in weedy area near a cultivated field.

407299. W4-D. Airport at Shenyang, Liaoning Province. Growing in weedy area near a cultivated field.

407300. W6-A. Grounds of Sun Yat Sen Memorial Park, near Nanking, Kiangsu Province. Growing in open woods.

407301. W6-B. Grounds of Sun Yat Sen Memorial Park, near Nanking, Kiangsu Province. Growing in open woods.

407302. W6-C. Grounds of Sun Yat Sen Memorial Park, near Nanking, Kiangsu Province. Growing in open woods.

407303. W6-D. Grounds of Sun Yat Sen Memorial Park, near Nanking, Kiangsu Province. Growing in open woods.

407288 to 407307—Continued

- 407304.** W7-A. Ming Hang district of Shanghai municipality, about 30 km south of Shanghai city. Growing in yard of an electric motor factory.
- 407305.** W7-B. Ming Hang district of Shanghai municipality, about 30 km south of Shanghai city. Growing in yard of an electric motor factory.
- 407306.** W7-C. Ming Hang district of Shanghai municipality, about 30 km south of Shanghai city. Growing in yard of an electric motor factory.
- 407307.** W8. Shanghai airport in Shanghai municipality, north of Shanghai city. Growing among shrubs.

407308 to 407322. GLYCINE SOJA Sieb & Zucc. Fabaceae.

Wild soybean.

From Korea. Seed collected fall 1975 by Hoon Park, Institute of Agricultural Sciences, Office of Rural Development, Suwon. Numbered February 9, 1976.

- 407308.** 7. Office of Rural Development, Suwon, Gyeonggi Do.
- 407309.** 11. Goomoon-Ri, Gongdo-Myun, Ahnsung Gun, Gyeonggi Do.
- 407310.** 12. Jooksan-Ri, Lee jook-Myun, Ahnsung Gun, Gyeonggi Do.
- 407311.** 13. Yangbok-Ri, Keumkwang-Myun, Ahnsung Gun, Gyeonggi Do.
- 407312.** 1. Keumgok-Ri, Chopyung-Myun, Chinchun Gun, Chungcheong Bug Do.
- 407313.** 2. Hwangkwang-Ri, Hansu-Myun, Chaechon Gun, Chungcheong Bug Do.
- 407314.** 3. Oeuigok-Ri, Maepo-Myun, Danyang Gun, Chungcheong Bug Do.
- 407315.** 4. Susan-Ri, Susan-Myun, Chaechun Gun, Chungcheong Bug Do.
- 407316.** 6. Wondae-Ri, Susan-Myun, Chaechun Gun, Chungcheong Bug Do.
- 407317.** 5. Dongkyo-Ri, Chunui-Myun, Yeonki Gun, Chungcheong Bug Do.
- 407318.** 8. Naesokri-Myun, Boeun Gun, Chungcheong Bug Do.
- 407319.** 10. Balsan-Ri, Suwan-Myun, Boeun Gun, Chungcheong Bug Do.
- 407320.** 14. Agricultural Extension Office, Eumsung Gun, Chungcheong Bug Do.
- 407321.** 15. Wolgok-Ri, Kangnae-Myun, Chungwon Gun, Chungcheong Bug Do.
- 407322.** 9. Gunbuk-Myun, Okchun Gun, Chungcheong Nam Do.

407323. PISUM SATIVUM L. Fabaceae.

Pea.

From West Germany. Seed presented by Kurt Behm GMBH, Hamburg, Received March 3, 1976.

'Livia'. Fasciated type.

407324 to 407382.

From Yugoslavia. Seed presented by Lav Rajevski, Biological Institute, Yugoslav Academy of Science and Arts, Dubrovnik, under Public Law 480 Project E30-CR-146. Received February 9, 1976.

- 407324.** ACER CAMPESTRE L. Aceraceae. **Maple.**
292. Mount Puntera, near Rasa, Croatia, Istra. Elevation 230 m.
- 407325 and 407326.** ACER HYRCANUM Fisch. & Mey. **Maple.**
- 407325.** 288. Mount Visocica, Bosnia and Herzegovina. Elevation 600 m.

407324 to 407382—Continued**407325 and 407326—Continued**

- 407326.** 289. Mount Igman, near Sarajevo, Bosnia and Herzegovina. Elevation 900 m.
- 407327.** ACER MONSPESSULANUM L. **Montpelier maple.**
293. Near Vodnjen, Croatia, Istra. Elevation 110 m.
- 407328 and 407329.** ACER PLATANOIDES L. **Norway maple.**
407328. 290. Mount Strahinscica, near Krapina, Croatia. Elevation 620 m.
407329. 291. Mount Medvednica, near Zagreb, Croatia. Elevation 1,000 m.
- 407330.** AMELANCHIER CANADENSIS (L.) Medic. Rosaceae. **Serviceberry.**
322. Near Ajdovscina, Mount Cavan, Slovenia. Elevation 600 m.
- 407331.** CELTIS AUSTRALIS L. Ulmaceae. **European hackberry.**
323. Mount Rumia, near Limljani village, Montenegro. Elevation 300 m.
- 407332.** CLEMATIS VITICELLA L. Ranunculaceae. **Italian clematis.**
325. Near Motovum village, Croatia, Istra. Elevation 20 m.
- 407333 and 407334.** CORONILLA EMEROIDES Boiss. & Sprun. Fabaceae.
407333. 314. Mount Bjelasnica, near Gacko, Bosnia and Herzegovina. Elevation 450 m.
407334. 315. Mount Prenj, Bosnia and Herzegovina. Elevation 350 m.
- 407335.** CORYLUS COLURNA L. Betulaceae. **Turkish hazelnut.**
324. Mount Velez, Bosnia and Herzegovina. Elevation 800 m.
- 407336.** COTONEASTER INTEGERRIMA Medic. Rosaceae. **European cotoneaster.**
305. Near Scepan polje, Montenegro, Vucevo. Elevation 1,300 m.
- 407337.** COTONEASTER TOMENTOSA (Ait.) Lindl.
306. Mount Jahorina, near Sarajevo, Bosnia and Herzegovina. Elevation 1,000 m.
- 407338.** EUONYMUS LATIFOLIUS Mill. Celastraceae. **Broadleaf burningbush.**
303. Near Samobor, Croatia. Elevation 200 m.
- 407339.** EUONYMUS VERRUCOSUS Scop.
304. Mount Trebjesa, near Niksic, Montenegro. Elevation 700 m.
- 407340.** FRAXINUS EXCELSIOR L. Oleaceae. **European ash.**
294. Mount Strahinscica, near Krapina, Croatia. Elevation 850 m.
- 407341 to 407345.** FRAXINUS ORNUS L. **Flowering ash.**
407341. 295. Mount Strahinscica, near Krapina, Croatia. Elevation 850 m.
407342. 296. Isl. Cres, Porozina, Croatia. Elevation 15 m.
407343. 297. Near Titograd, Rogami village, Montenegro. Elevation 150 m.
407344. 298. Mount Sneznik, near Ilirska Bistrica, Slovenia. Elevation 800 m.
407345. 299. Crni Kal, near Koper, Slovenia. Elevation 500 m.
- 407346.** FRAXINUS OXYCARPA Willd. **Ash.**
300. Stoj, near Ulcinj, Montenegro. Elevation 2 m.

407324 to 407382—Continued**407347 and 407348.** JUNIPERUS COMMUNIS L. Pinaceae.**Common juniper.**

407347. 326. Mount Sjemec, near Visegrad, Bosnia and Herzegovina. Elevation 800 m.

407348. 327. Vucevo, near Scepan polje, Montenegro. Elevation 1,300 m.

407349 to 407352. JUNIPERUS COMMUNIS L. subsp. NANA Syme

407349. 328. Mount Vranica, near Gornji Vakuf, Bosnia and Herzegovina. Elevation 1,950 m.

407350. 329. Mount Jahorina, near Sarajevo, Bosnia and Herzegovina. Elevation 1,700 m.

407351. 330. Mount Cvrsnica, Bosnia and Herzegovina. Elevation 2,000 m.

407352. 331. Mount Biokovo, near Makarska, Croatia. Elevation 1,400 m.

407353 to 407357. JUNIPERUS OXYCEDRUS L. **Prickly juniper.**

407353. 332. Mount Biokovo, near Makarska, Croatia. Elevation 840 m.

407354. 333. Klopot village, near Titograd, Montenegro. Elevation 400 m.

407355. 334. Puntera, near Rasa, Croatia, Istra. Elevation 190 m.

407356. 335. Neum, Bosnia and Herzegovina. Elevation 50 m.

407357. 336. Neretva river, Raska Gora canyon, Bosnia and Herzegovina. Elevation 200 m.

407358 and 407359. JUNIPERUS PHOENICEA L. **Phoenicean juniper.**

407358. 337. Mount Polanca, near Cunsko, Losinj island, Croatia. Elevation 170 m.

407359. 338. Near Tivat, Ljustica peninsula, Montenegro. Elevation 50 m.

407360 and 407361. JUNIPERUS SABINA L.

407360. 339. Mount Biokovo, near Makarska, Croatia. Elevation 1,400 m.

407361. 340. Mount Biokovo, near Makarska, Croatia. Elevation 900 m.

407362 and 407363. PETTERIA RAMENTACEA (Sieber) Presl. Fabaceae.

407362. 316. Neretva river, Raska Gora canyon, Bosnia and Herzegovina. Elevation 280 m.

407363. 317. Salakovac village, Neretva river, Bosnia and Herzegovina. Elevation 250 m.

407364 and 407365. PINUS HELDREICHII Christ Pinaceae.

407364. 345. Mount Prenj, Kantar, Bosnia and Herzegovina. Elevation 1,800 m.

407365. 346. Mount Cvrsnica, Bosnia and Herzegovina. Elevation 1,800 m.

407366 and 407367. PINUS MUGO Turra **Swiss mountain pine.**

407366. 343. Mount Tosc between Pokljuka and Velo polje, Slovenia. Elevation 1,750 m.

407367. 344. Mount Sneznik, near Ilirska Bistrica, Slovenia. Elevation 1,650 m.

407368 and 407369. PINUS NIGRA Arnold subsp. NIGRA

407368. 341. Near Kozina, Slovenia. Elevation 550 m.

407369. 342. Borci village, near Konic, Bosnia and Herzegovina. Elevation 500 m.

407370. RHAMNUS FALLAX Boiss. Rhamnaceae. **Veiny buckthorn.**

321. Mount Biokovo, near Makarska, Croatia. Elevation 1,460 m.

407324 to 407382—Continued

- 407371 and 407372.** *SORBUS ARIA* (L.) Crantz Rosaceae.
White beam mountain-ash.
407371. 409. Mount Lovcen, near Njegusi, Montenegro. Elevation 900 m.
407372. 310. Vucevo, near Scepan polje, Montenegro. Elevation 1,300 m.
- 407373 and 407374.** *SORBUS AUCUPARIA* L. European mountain-ash.
407373. 307. Mount Konjsica, near Uskovnica village, Slovenia. Elevation 1,400 m.
407374. 308. Mount Strahinscica, near Krapina, Croatia. Elevation 840 m.
- 407375 and 407376.** *SORBUS AUSTRIACA* Hedl.
407375. 311. Mount Strahinscica, near Krapina, Croatia. Elevation 480 m.
407376. 312. Mount Romanija, Bosnia and Herzegovina. Elevation 1,450 m.
- 407377.** *SORBUS TORMINALIS* (L.) Crantz Mountain-ash.
 313. Near Visegrad, Bosnia and Herzegovina. Elevation 750 m.
- 407378 and 407379.** *STAPHYLEA PINNATA* L. Staphyleaceae.
European bladdernut.
407378. 301. River Piva canyon, Montenegro. Elevation 650 m.
407379. 302. Gradjani village, near Virpazar, Montenegro. Elevation 350 m.
- 407380 and 407381.** *VIBURNUM OPULUS* L. Caprifoliaceae.
European cranberrybush.
407380. 318. Mount Strahinscica, near Krapina, Croatia. Elevation 580 m.
407381. 319. Mount Zvijezda, near Vares, Bosnia and Herzegovina. Elevation 700 m.
- 407382.** *VIBURNUM TINUS* L. Laurustinus.
 320. Near Tivat, Ljustica peninsula, Montenegro. Elevation 150 m.
- 407383 to 407399.**
 From People's Republic of China. Seed presented by D. B. Ferguson, David and Sons, Inc., Fresno, California. Components extracted from commercial shipment of squash originating in Lu-Ta (Talien). Received November 4, 1975.
- 407383 to 407385.** *CUCURBITA MAXIMA* Duch. Cucurbitaceae.
Winter squash.
407383. Lot 1. Received 1974. Highly susceptible to *Pythium aphanidermatum* and *Anasa tristis* (squash bug).
407384. Lot 2. Composite of 90 subsamples taken from very large commercial importation. 1975.
407385. Lot 3. Extracted from millings of commercial shipment. 1975.
- 407386.** *GLYCINE MAX* (L.) Merr. Fabaceae. Soybean.
 Seed tan, medium size. May be mixed sample.
- 407387.** *PHASEOLUS COCCINEUS* L. Fabaceae. Scarlet runner bean.
407388 to 407396. *PHASEOLUS VULGARIS* L. Common bean.
407388. Lot 1. Tan, with dark brown mottling.
407389. Lot 2. Cranberry color, some mottled light tan.
407390. Lot 3. White. Mixed round and oblong samples.
407391. Lot 4. Mostly tan, with cranberry mottling.

407383 to 407399—Continued**407388 to 407396—Continued**

407392. Lot 5. Light green to grey, conspicuous dark brown ring around hilum. Seed uniformly round.

407393. Lot 6. Tan.

407394. Lot 7. White, with purplish mottling.

407395. Lot 8. White, with black portions around hilum.

407396. Lot 9. Tan, mixed sizes.

407397. *VIGNA ANGULARIS* (Willd.) Ohwi & Ohashi Fabaceae. **Adsuki bean.**
Seed dark red.

407398 and 407399. *ZEA MAYS* L. Poaceae. **Corn.**

407398. Seed white, small, dent type.

407399. Seed yellow, small, dent type. Some mixture.

407400 and 407401.

From United States. Plants held at Plant Quarantine Facility, United States Plant Introduction Station, Glenn Dale, Maryland. Received March 15, 1976.

407400. *LANTANA CAMARA* L. Verbenaceae. **Commonlantana.**

Foliage green, variegated with yellowish green. Flowers yellow. Donated by Fantastic Gardens, Miami, Florida. Received May 17, 1974.

407401. *PORTULACA* sp. Portulacaceae.

Sport of P.I. 390809 from Botanic Garden, Tingo Maria, Peru. Flowers golden yellow.

407402 to 404407.

From Paraguay. Seed presented by Juan Vicenty, Asuncion through County Extension Agent, Vancouver, Washington. Received February 6, 1976.

407402. *CHORISIA SPECIOSA* St. Hil. Bombacaceae. **Floss-silk-tree.**

In dry desert country, this becomes the bottle tree (a reservoir of water), but not so in a rainy habitat. Flowers beautiful, orchidlike.

407403. *LANTANA CAMARA* L. Verbenaceae. **Commonlantana.**

Two different varieties included, one truly beautiful. Dormant for long periods.

407404. *NICOTIANA GLAUCA* R. Grah. Solanaceae. **Tree tobacco.**

Small shrub to 3.0 m tall. Showy yellow flowers and capsules that stand up. Local name Don Juan.

407405. *PASSIFLORA* sp. Passifloraceae.

Very nice fruit.

407406. *SAMBUCUS* sp. Caprifoliaceae.

Fruiting for early spring, summer and until late autumn. Edible.

407407. *SAMBUCUS* sp.

Flowering and fruiting year round except in very cold weather. Edible in time for sherbet.

407408. SOLANUM MAGLIA Schlecht. Solanaceae.

From Argentina. Tubers presented by K. Okada, Estacion Experimental Regional Agropecuaria, Instituto Nacional de Tecnologia Agropecuaria, Balcarce. Received June 4, 1974.

407409 to 407412. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Netherlands. Tubers presented by Instituut voor Plantenziektenkundig Onderzoek, Wageningen. Received July 11, 1974.

- | | |
|--------------------------|---------------------------|
| 407409. 'Mentor'. | 407411. 'Saturna'. |
| 407410. 'Multa'. | 407412. 'Vorán'. |

407413 to 407415. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Netherlands. Tubers presented by Institute of Plant Breeding, Agricultural University, Wageningen. Received January 30, 1974.

- 407413.** 'I.v.P.-1'.
407414. 'Multa'.
407415. '(VT')2'.

407416 to 407425. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Scotland. Tubers presented by Department of Agriculture and Fisheries, for Scotland, East Craigs, Edinburgh. Received October 17, 1974.

- | | |
|--|------------------------------|
| 407416. 'Arran Pilot'. | 407421. 'Magestic'. |
| 407417. 'Bintje'. | 407422. 'Patrones'. |
| 407418. 'Desiree'. | 407423. 'Record'. |
| 407419. 'Eerstelig-Duke of York'. | 407424. 'Sirtema'. |
| 407420. 'King Edward'. | 407425. 'Up to Date'. |

407426. SOLANUM HOROVITZII Buk. Solanaceae.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received March 24, 1976.
 Received as *S. chacoense* f. *horovitzii*.

407427 and 407428. SACCHARUM (hybrid) Poaceae.**Sugarcane.**

From Indonesia. Cuttings presented by Director, Indonesian Sugar Experiment Station, Pasuruan. Received March 23, 1976.

- 407427.** 'Ps-30'.
407428. 'Ps-41'.

407429. PSOPHOCARPUS TETRAGONOLOBUS (L.) DC. Fabaceae.**Goa bean.**

From Malaysia. Seed presented by Chee Yan Kuan, Coordinator, Legume Research and Development Program, Rubber Institute of Malaya, Kuala Lumpur. Received March 8, 1976.

Local type.

407430 to 407432. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.) A. Gray Solanaceae. Cherry tomato.

From Costa Rica. Seed presented by Claude Hope, Linda Vista, Cartago. Received March 24, 1976.

- 407430.** Near El Tejar. Small fruit. Plants not seen.
407431. Turrialba. Small fruit, short raceme.

407430 to 407432—Continued

407432. Linda Vista farm, Cartago. Small fruit, quite weather tolerant.

407433. LYCOPERSICON ESCULENTUM var. CERASIFORME
(Dun.) A. Gray Solanaceae. **Cherry tomato.**

From Panama. Seed presented by Alejandro Ferrer, Agricultural Development Bank through R. A. White, Jr., Agricultural Advisor, Rural Development Sector, United States Agency for International Development, Balboa, Canal Zone. Received March 24, 1976.

Collected from area of Colon. Wild.

407434 and 407435. PAPAVER ORIENTALE L. Papaveraceae.
Oriental poppy.

From United States. Seed held by Regional Plant Introduction Station, Pullman, Washington. Received March 29, 1976.

407434. 'Jehra-Tzehir Georgia'. Georgia Academy of Sciences, Georgia, Union of Soviet Socialist Republics.

407435. Koleh Khaneh, 75 km from Tabriz, Iran.

407436 to 407442. LYCOPERISCON ESCULENTUM Mill.
Solanaceae. **Tomato.**

From Australia. Seed presented by Director, Hawkesbury Agricultural College, Richmond, New South Wales. Received March 21, 1976.

407436. 'College Abundant'.

407437. 'College Challenger'.

407438. 'College Conquest'. F₁ hybrid.

407439. 'College Cropwell'. F₁ hybrid. *Verticillium* resistant.

407440. 'College Globe'. F₁ hybrid. *Verticillium* resistant.

407441. 'College Red'.

407442. 'College Regal'. F₁ hybrid.

407443. LYCOPERISCON ESCULENTUM Mill. Solanaceae.
Tomato.

From Brazil. Seed presented to Regional Plant Introduction Station, Ames, Iowa by A. L. Castle, Inc., Homestead, Florida. Received March 5, 1976.

'Angela'. Reported to be resistant to potato virus.

407444. TRIFOLIUM HYBRIDUM L. Fabaceae. Alsike clover.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received February 26, 1976.

VIR 19512. 'Marusinskij 488'. Tambov Region.

407445 to 447450. LYCOPERISCON ESCULENTUM Mill.
Solanaceae. **Tomato.**

From Bulgaria. Seed presented by Director, Ministry of Agriculture and Food Industry, DSO "Sortovi Semena," Sofia. Received February 23, 1976.

407445. 'Druzha'.

407447. 'Kurtovska Kania'.

407446. 'Isobilie'. Early.

407448. 'Ogosta'.

407445 to 447450—Continued

407449. 'Pioneer 2'.

407450. 'Zlaten Medal'.

407451 to 407454. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Ecuador. Seed collected by Joe Blakeslee, Agriculturist, Summer Institute of Linguistics, Quito. Received March 10, 1976.

407451. No. 1. Indian grower near Limoncocha, near junction of Jivino and Napo Rivers. Testa color flesh or tan.

407452. No. 2. Indian grower near Limoncocha, near junction of Jivino and Napo Rivers. Testa color reddish purple.

407453. No. 3. Indian grower near Limoncocha, near junction of Jivino and Napo Rivers. Testa colors mixed including pink purple variegated and self-colored flesh or tan.

407454. No. 4. Indian grower near Limoncocha, near junction of Jivino and Napo Rivers. Representative sample includes testa colors of 49 percent purple and flesh, 43 percent flesh or tan and 8 percent purple red.

407455 to 407466. GOSSYPIUM HIRSUTUM L. Malvaceae.**Upland cotton.**

From Tanzania. Seed presented by A. C. Jackson, Director, Agricultural Research Institute, Ukiriguru, Mwanza. Received March 16, 1976.

407455. 'UK 64'. Jassid resistant. A commercial multiline variety.

407456. 'UKA.B1(72)47'. Bollworm susceptible.

407457. 'UKA.B1(72)49'. Bollworm susceptible.

407458. 'UKA.B1(72)54'. Bollworm susceptible.

407459. 'UKA.B2(72)193'. Bollworm resistant.

407460. 'UKA.J1(72)4'. Jassid resistant.

407461. 'UKA.J1(72)17'. Jassid resistant.

407462. 'UKA.J3(72)29'. Bollworm resistant.

407463. 'UKA.J3(72)36'. Bollworm resistant.

407464. 'UKA.J3(72)137'. Bollworm resistant.

407465. 'UKA.S1(72)70'. Bollworm susceptible.

407466. 'UKA.S1(72)174'. Bollworm resistant.

407467. ACACIA ALBIDA Delile Fabaceae.

From South Africa. Seed presented by Plant Introduction Officer, Division of Plant and Seed Control, Department of Agricultural Technical Services, Pretoria. Received March 1, 1976.

407468. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Senegal. Seed presented by B. Garet, Centre de Recherches Agronomiques, Bambey. Received March 8, 1976.

'59.127'. Drought resistant Virginia type. Selection from accession received in 1958 from Saria, Upper Volta.

407469 and 407470. STYLOSANTHES FRUTICOSA (Retz.) Alston Fabaceae.

From Kenya. Seed presented by L. J. M. van Soest, National Agricultural Research Center, Kikambala. Received March 5, 1976.

407469 and 407470—Continued

407469. FAO Mtw-L-57. Lunga, Kwale District, Coast Province. August 14, 1975.

407470. FAO Mtw-L-224. Near Mtito Andei, Taita District, Coast Province. January 30, 1976.

407471. CAJANUS CAJAN (L.) Millsp. Fabaceae. **Pigeonpea.**
From Trinidad. Seed presented by R. P. Arlyanayagam, Grain Legume Programme, Department of Biological Sciences, University of the West Indies, St. Augustine. Received March 1, 1976.

'Code 5'. Dwarf line.

407472 and 407473. LOTUS PEDUNCULATUS Cav. Fabaceae. Big trefoil.

From New Zealand. Seed presented by Plant Introduction Officer, Grasslands Division, Department of Scientific and Industrial Research, Palmerston North. Received March 24, 1976.

407472. S 1387. 'G 4701'.

407473. ST 288. 'Grasslands Maku'. Tetraploid intraspecific hybrid.

407474 to 407482. NICOTIANA TABACUM L. Solanaceae.**Tobacco.**

From United States. Seed held by Tobacco Laboratory, Plant Genetics and Germplasm Institute, Beltsville, Maryland. Received April 5, 1976.

407474. T.I. 1594. 'BT 101'. Japan.

407475. T.I. 1595. 'Ky.MI 429'. Italy.

407476. T.I. 1596. 'Ky.MI 425'. Italy.

407477. T.I. 1597. 'Bright Cospaia MI 22528'. Italy.

407478. T.I. 1598. 'Bright MI 16A-505'. Italy.

407479. T.I. 1599. 'Perustitza Lazio MI 409'. Italy.

407480. T.I. 1600. 'Perustitza Lazio M 409'. Italy.

407481. T.I. 1601. 'Perustitza Lecce MI 405'. Italy.

407482. T.I. 1602. 'Erzegovina Lecce MI 411'. Italy.

407483 to 407492. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Senegal. Seed presented by B. Garet, Centre National de Recherches Agronomiques, Bambey. Received March 16, 1976.

407483. 'EH 349 bis'.

407488. '33-45'.

407484. 'R295 B1'.

407489. '35-38'.

407485. '24-5'.

407490. '37-81'.

407486. '24-48'.

407491. '47-16'.

407487. '29-56'.

407492. '55-437'.

407493 and 407494. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Ecuador. Seed presented July 1975 by Joe Blakeslee, Agriculturist, Summer Institute of Linguistics, Quito. Received March 24, 1976.

407493. 'Pepon (Pepona)'. Native Virginia type. Testa dark tan.

407494. 'Rosita (Rozo)'. Valencia type. Testa reddish brown.

407495 to 407519. GOSSYPIUM BARBADENSE L. Malvaceae.**Sea-island cotton.**

From Syria. Seed presented by A. Shami, Director, Cotton Bureau, Ministry of Agriculture, Aleppo through Agricultural Attache, American Embassy, Damascus. Received February 4, 1976.

407495. 'Aden'. Unknown source. Yemen.

407496. 'Ashmouni A-2'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407497. 'Bar li'. Egypt.

407498. 'Domaine Sake 1'. Union of Soviet Socialist Republics.

407499. 'FB 20'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407500. 'Giza 31, Dendara'. Egypt.

407501. 'Giza 45'. Egypt.

407502. 'Giza 47'. Egypt.

407503. 'Giza 59'. Egypt.

407504. 'Karnak'. Egypt.

407505. 'Karnak 55'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407506. 'Menoufi'. Egypt.

407507. 'Palmyra 27'. 'Karnak' × 'Lockett' hybrid. Syria.

407508. 'Palmyra 39'. 'Karnak' × 'Lockett' hybrid. Syria.

407509. 'Palmyra 55-21'. 'Karnak' × 'Lockett' hybrid. Syria.

407510. 'Palmyra 70-2'. 'Karnak' × 'Lockett' hybrid. Syria.

407511. 'Tadla 1'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407512. 'Tadla 9'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407513. 'Tadla 16'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407514. 'Tadla 25'. Institut de Recherches du Coton et des Textiles Exotiques, Algiers, Algeria.

407515. '14-15 Bar'. Egypt.

407516. '14-25-5 Bar'. Egypt.

407517. '504 B'. Union of Soviet Socialist Republics.

407518. '1730'. Union of Soviet Socialist Republics.

407519. '5476 I'. Union of Soviet Socialist Republics.

407520 to 407528.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received February 23, 1976.

407520. BETA MACRORHIZA Stev. Chenopodiaceae.

VIR 1117. Armenia.

407521 to 407528. BETA VULGARIS L.

Sugarbeet.

407521. VIR 428a. 'Verhniaeskaja 038'. The Ukraine.

407522. VIR 434. 'Pervomajskaja 028'. Krasnodar Territory.

407523. VIR 910. Kirgizskaja 058'. Kirghizia.

407524. VIR 914. 'Mezotnenskaja 080'. The Ukraine.

407525. VIR 0143. 'Saharnaja okruglaja 0143'. Leningrad Region.

407526. VIR 1466. 'Saharnaja 2x'. MS monogerm. East Germany.

407527. VIR 1485. 'Saharnaja 4x'. MS monogerm. East Germany.

407528. VIR 1680. 'Ramonskaja 632'. Voronez Region.

407529. CROTALARIA SERICEA Retz. Fabaceae.

From Zaire. Seed presented by James Bullard, Programme National Mais, Lubumbashi. Received February 24, 1976.

Kisanga Station, near Lubumbashi. Annual plant producing tough, fibrous stems about 1 m long. Suppresses weed competition locally. Reported to be highly productive in nitrogen fixation. Asiatic origin.

407530 and 407531. PORTULACARIA AFRA (L.) Jacq.

Portulacaceae.

Spekboom.

From South Africa. Seed presented by T. C. Nel, Plant Introduction Officer, Division of Plant and Seed Control, Department of Agricultural Technical Services, Pretoria. Received February 19, 1976.

407530. Eastern Cape Region.

407531. M/76/72.

407532 to 407558.

From Peru. Seed collected February 1974 by C. M. Rick, Department of Vegetable Crops, University of California, Davis, California. Received January 10, 1976.

407532. LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.) A. Gray
Solanaceae.

Cherry tomato.

SAL 1854. Garden of S. C. Harland, Nana, Lima Province. Single plant.

407533 to 407558. LYCOPERSICON PIMPINELLIFOLIUM (L.) Mill.

Currant tomato.

407533. SAL 1851. Estacion Experimental, Ministry de Agricultura, San Jose de Valle, Lima Province.

407534. SAL 1853. Garden of S. C. Harland, Nana, Lima Province.

407535. SAL 1855. Huaycan, Rio Lurin, Lima Province. Growing in valley.

407536. SAL 1857. Cartavio, 2 km north of Rio Chicama La Libertad Province. Growing on east side of Pan American Highway.

407537. SAL 1860. Colegio Punto Cuatro, 0.5 km west of Colegio, Lambayeque Province.

407538. SAL 1861. Punto Cuatro, 0.5 km west of Pan American Highway, Lambayeque Province.

407532 to 407558—Continued**407533 to 407558—Continued**

- 407539.** SAL 1862. North outskirts of Motupe, west side of Pan American Highway, Lambayeque Province. Growing in cornfield.
- 407540.** SAL 1863. Tierra de la Vieja, 7 km south of Motupe, Lambayeque Province.
- 407541.** SAL 1864. Jayanca-La Vina, at junction of La Vina road and Pan American Highway, Lambayeque Province.
- 407542.** SAL 1865. Cuculi, 48 km from Chiclayo, Lambayeque. Growing across road from north side of town.
- 407543.** SAL 1867. Garden of A. Valderrama, San Pedro de Lloc, La Libertad Province. Growing on northwest side of town.
- 407544.** SAL 1868. Laredo-Barassa, 1 km south of road Trujillo-Otusco, La Libertad Province.
- 407545.** SAL 1869. Viru-Galunga, Galunga District, La Libertad Province. Growing in lower Viru valley.
- 407546.** SAL 1870. Viru-Tomoval, Hacienda Tomoval, 16.5 km from Pan American Highway on detour to San Ildefonso, La Libertad Province.
- 407547.** SAL 1871. Ascope, Fundo La Victoria, La Libertad Province. Growing on south outskirts of Ascope.
- 407548.** SAL 1872. Moche, on west side of Pan American Highway, La Libertad Province. Growing on outskirts of Moche.
- 407549.** SAL 1873. One km south of Puente Chao, east of Pan American Highway, La Libertad Province.
- 407550.** SAL 1874. Cerro Sechin, 2 km east of Pan American Highway, Ancash Province. Growing opposite ruins of Cerro Sechin.
- 407551.** SAL 1875. Nepena-Samanco, 4 km west of Pan American Highway, Ancash Province. Growing in lower Nepena valley.
- 407552.** SAL 1876. Santa-La Rinconada, 9 km from Pan American Highway, Ancash Province. Growing along road in Santa valley.
- 407553.** SAL 1877. Rio Casma, west side of Pan American Highway, 0.5 km south of bridge over Rio Casma, Ancash Province.
- 407554.** SAL 1879. Huarmey, 3 km up valley from Huarmey, Ancash Province.
- 407555.** SAL 1881. Cooperativa La Providencia, along Rio Pativilca, 13 km from Pan American Highway, Lima Province.
- 407556.** SAL 1884. Horcon, Palpa Valley, 19.3 km from Pan American Highway, Lima Province. Growing on Huaral Road.
- 407557.** SAL 1886. Tambo de Mora, Lima Province. Growing between two large huacas.
- 407558.** SAL 1890. Asia-El Pinon, 9 km east of Pan American Highway, Lima Province. Growing in peach orchard.

407559 to 407645.

From Turkey. Seed collected July-August 1975 by P. F. Knowles, Department of Agronomy and Range Sciences, University of California, Davis, California. Received October 22, 1975.

407559 to 407645—Continued

407559. *AGROPYRON CRISTATUM* (L.) Gaertn. Poaceae.

Crested wheatgrass.

KN 18. One km south of headquarters of Hayama Farm, 40 km south of Ankara. Plant 20 to 40 cm high, not fully ripe. Growing on fence line. Wild.

407560. *ASTRAGALUS* sp. Fabaceae.

KN 49. On Erzerum road, 23 km from Cat. Perennial plant to 15 cm high, green pods. Growing at top of pass on road in a grassy area being cut for hay. Wild.

407561. *BRASSICA* sp. Brassicaceae.

KN 31. Near Hirfanli dam, 17 km northeast of Hirfanli village. Plant 30 to 35 cm high, mostly ripe. Growing in flaxfield. Wild.

407562. *BROMUS RACEMOSUS* L. Poaceae.

Bald bromegrass.

KN 20. Agricultural Research Institute, Hayama Farm, 40 km south of Ankara. Plant 20 to 30 cm high, ripe. Wild.

407563. *BROMUS* sp.

KN 34. Reforestation project on south edge of Ankara. Awns better developed than in typical *B. mollis*. Wild.

407564. *BROMUS* sp.

KN 51. On Erzerum road, 23 km from Cat. Annual plant 15 to 30 cm high, ripe. Growing at top of pass on road in grassy area being cut for hay. Wild.

407565. *BROMUS* sp.

KN 52. On Erzerum road, 23 km from Cat. Perennial plant 40 to 60 cm high, ripe and some seed shattering. Fairly abundant. Growing at top of pass on road in grassy area being cut for hay. Wild.

407566 to 407569. *CARTHAMUS* (hybrid) Asteraceae.

407566. KN 72 (Esendal #17). Just west of Mardin, 38 km north of crossroad. Natural hybrid of *C. oxyacanthus* × *C. glaucus*. Plant intermediate between parental types. Sterile. Growing on roadside and adjacent field. Wild.

407567. KN 73 (Esendal #18). Just west of Mardin, 38 km north of crossroad. Natural hybrid of *C. oxyacanthus* × *C. glaucus*. Plant intermediate between parental types, but closer to *C. oxyacanthus*. Growing on roadside and adjacent field. Wild.

407568. KN 74 (Esendal #19). Just west of Mardin, 38 km north of crossroad. Natural hybrid of *C. oxyacanthus* × *C. glaucus*. Plant intermediate between parental types. May produce seed. Growing on roadside and adjacent field. Wild.

407569. KN 75 (Esendal #20). Just west of Mardin, 38 km north of crossroad. Natural hybrid of *C. oxyacanthus* × *C. glaucus*. Bulk of several plants. Growing on roadside and adjacent field. Wild.

407570 to 407575. *CARTHAMUS DENTATUS* Vahl

407570. KN 38. Two km east of Cesme, 80 km west of Izmir. Plant 50 to 80 cm high. Typical of species. Wild.

407571. KN 40. Ten km south of Karayollari, 53 km south of Izmir. Plant 20 to 80 cm high. About 10 percent in flower, first heads with dried flowers. Growing in grassy area off road. Typical of species. Wild.

407572. KN 45. Ten km southeast of Acipayam. Plants very green, early flowers drying up. Typical of species. Growing on roadside. Wild.

407559 to 407645—Continued**407570 to 407575—Continued**

407573. KN 68 (Esendal #13). South of Mardin, 4 to 6 km west of Kisiltepe. Plant mostly very green with only a few heads ripe. Typical of species (small type). Half blue, and half white flowered. Growing on roadside in association with *C. oxyacanthus*. Wild.

407574. KN 78. (Esendal #23). Fifteen km south of Elazig. Only main head ripe on some plants. Typical small type. Scattered plants roadside. Growing in association with P.I. 407604 *C. oxyacanthus*. Wild.

407575. KN 79. (Esendal #24). Seven km south of Elazig. Some plants like *C. glaucus* and probably a mixture, or products of hybrid of the two species. One head from each plant. Scattered plants on roadside. Wild.

407576 to 407580. CARTHAMUS GLAUCUS Bieb.

407576. KN 59 (Esendal #4). One km west of Baykan. Plant 30 to 60 cm high. Small heads mostly 8 to 10 mm in diameter. Only white flowered types collected, though 1 to 2 percent were blue flowered. Growing on roadside. Wild.

407577. KN 60 (Esendal #5). On road to Sirt, 9 km from Baykan. Plant 40 to 70 cm high. Heads 8 to 10 mm in diameter. All white plants harvested, though 1 percent blue. Growing on roadside. Wild.

407578. KN 66 (Esendal #11). Two km southwest of Savur. Plant 40 to 70 cm high. Mostly in bloom, a few heads with dried flowers, 60 percent blue, 40 percent white. Typical small-headed type. Abundant in field by side of road. Wild.

407579. KN 69 (Esendal #14). West of Mardin, 31 km north of crossroad. Typical of small type. Earliest heads ripe, all dark blue flowers. Growing on roadside. Wild.

407580. KN 70 (Esendal #15). Just west of Mardin, 38 km north of crossroad. Earliest head nearly ripe, blue flowers. Typical small type. Growing on roadside and adjacent fallow field. Wild.

407581 to 407583. CARTHAMUS LANATUS L.

407581. KN 37. Nine km north on road to Mordogan, 38 km west of Izmir. Plant 20 to 70 cm high, nearly ripe, with middle dentate bracts. Typical of species. Growing on roadside and in fields. Wild.

407582. KN 42. Soke, 9 km north of crossroad at south end. Plant 50 to 100 cm high, ripe. Typical of species. Growing on grade running for several km south of Soke through swampy, poorly drained area. Wild.

407583. KN 54. Tuzla. Originally from Istanbul. Growing in greenhouse at Erzerum. Plant 70 to 80 cm high, ripe. Yellow flowers. Wild.

407584 to 407590. CARTHAMUS LANATUS subsp. TURKESTANICUS (M. Pop.) Hanelt

407584. KN 27. On road E5 to Konya, 9 km from junction of Hayama Road. Plant 50 to 80 cm high, mostly green. Very pale yellow flowers, a few dried up. Growing on roadside. Wild.

407585. KN 39. West edge of Karayollari, 43 km south of Izmir. Plant to 100 cm high, ripe. Typical of species. Growing by bridge on bank of road. Wild.

407559 to 407645—Continued**407584 to 407590—Continued**

407586. KN 41. Soke, 10 km north of crossroad at south end. Plant 50 to 100 cm high, mostly ripe. Typical of species. Growing on grade running for several km south of Soke, through swampy, poorly drained area. Wild.

407587. KN 46. On main road to Izmir, 5 km north of Denizli. Plant 50 to 80 cm high, very ripe and shattering seed July 27. Typical of species. Growing as roadside weed. Wild.

407588. KN 56 (Esendal #1). On south side of Lake Van, 61 km east of Van. Annual plant 50 to 80 cm high. Strongly spined, pale yellow flowers. Some mildew on bracts. Growing on roadside. Wild.

407589. KN 57 (Esendal #2). On main road south side of Lake Van, 35 km east of Van. Annual plant 80 to 100 cm high, vigorous. Main head almost ripe, pale yellow flowers. Stubble of wheat harvest. Wild.

407590. KN 58 (Esendal #3). Near Lake Van and main highway, 26 km east of Tatran. Plant 20 to 60 cm high. Still green August 1, and main head with dried light yellow flowers. Wild.

407591 to 407604. CARTHAMUS OXYACANTHUS Bieb.

407591. KN 13. One km south of Gokcehoyuk, 30 km south of Ankara. Bushy plant, spiny, yellow flowers. Typical of species. Growing on roadside. Wild.

407592. KN 14. Forty km south of Ankara at the Agricultural Research Institute, 3 km south of Hayama Farm. Plant 30 to 40 cm high. Typical of species. Growing on margin of wheatfield and roadside. Wild.

407593. KN 28. North of Tuz Gulu, 1 km northeast of junction of Konya Highway (E5) and Hirfanli road. Plant 30 to 80 cm high, vigorous. Typical of species. Over half of heads with dried flowers. Sulfur yellow and gold color. Abundant on roadside. Wild.

407594. KN 29. On Hirfanli road, 15 km from road to Konya (E5). Two vigorous plants, both with rather large heads. One with gold flowers, the other with sulfur yellow. Growing on roadside. Wild.

407595. KN 32. On Bala-Kirsehir road (60), 14 km east of Bala. Plant 50 to 80 cm high. Mostly gold flowers. Typical of species. Abundant on roadside. Wild.

407596. KN 61 (Esendal #6). Thirteen km east by road from Batman to Besiri, 7 km southwest from Besiri. Plant 20 to 50 cm high, ripe and shattering. Yellow flowers. Outer bracts shorter and more leaflike than of typical species. Growing part way down into flat valley. Wild.

407597. KN 62 (Esendal #7). Twenty-nine km northwest of Hasankeyf. Plant 20 to 50 cm high. Outer bracts shorter than of typical species. Growing on roadside. Wild.

407598. KN 63 (Esendal #8). Near village of Kasikkopru, 3 km west of Hasankeyf. Typical of species, but outer bracts are shorter. Growing on roadside. Wild.

407599. KN 64 (Esendal #9). Three km north of Gercus. Typical of species, but bracts are shorter. Growing on roadside. Wild.

407600. KN 65 (Esendal #10). Between Midyat and Savur, 5 km northwest of Epsi. Typical of species but bracts are shorter. Growing on roadside and in field. Wild.

407559 to 407645—Continued**407591 to 407604—Continued**

- 407601.** KN 67 (Esendal #12). Thirteen km south of Mardin. Typical of species. Very ripe. Growing on roadside. Wild.
- 407602.** KN 71 (Esendal #16). Just west of Mardin, 38 km north of crossroad. Typical of species. Mostly ripe. Growing on roadside and adjacent field. Wild.
- 407603.** KN 76 (Esendal #21). Northwest of Diyarbakir, 2 km south of Ergani. Typical of species. Mostly very ripe. Scattered plants growing on roadside. Wild.
- 407604.** KN 77 (Esendal #22). Fifteen km south of Elazig. Typical of species. Very ripe. Scattered plants growing in association with *C. dentatus*, P.I. 407574. Wild.

407605 to 407624. CARTHAMUS TINCTORIUS L. Safflower.

- 407605.** KN 80 (Esendal #5). Ankara. Originally from Eskisehir Dry Farming Station. Tall, spineless plant with red flowers. Cultivated.
- 407606.** KN 81 (Esendal #6). Originally from Felahiye/Kayseri, but selected at Eskisehir Dry Farming Station. Short, spiny plant. The best performing variety in Esendal's tests. Cultivated.
- 407607.** KN 82 (Esendal #7). Originally from Bursa-Karacabey Agricultural Organization. Plant medium tall. Mixed spiny and spineless. Flower color Dresden yellow 64/1. Cultivated.
- 407608.** KN 83 (Esendal #8). Eskisehir Dry Farming Station Originally from Rize. Plant medium tall, spiny. Sun yellow flowers. Cultivated.
- 407609.** KN 84 (Esendal #9). Eskisehir Dry Farming Station. Originally from Afsin village, Maras. Plant medium tall, spiny. Canary yellow flowers. Cultivated.
- 407610.** KN 85 (Esendal #13). Eskisehir Dry Farming Station, selection #5-39. Originally from Nigde-Kocas. Plant medium tall, spiny. Yellow flowers. Cultivated.
- 407611.** KN 86 (Esendal #15). Eskisehir Dry Farming Station as selection #5-43. Originally from Konya-Aksehir. Plant medium tall, spiny. Red flowers. Cultivated.
- 407612.** KN 87 (Esendal #16). Ankara. Originally from Eskisehir Dry Farming Station as selection #5-37. Plant is reportedly tallest and latest in Erzerum. Spineless with orange-red flowers. Cultivated.
- 407613.** KN 88 (Esendal #17). Konya-Eregli. Originally from Eskisehir Dry Farming Station as selection # 5-42. Tall plant, spineless. Flowers burnt orange. Cultivated.
- 407614.** KN 89 (Esendal #18). Originally from Eskisehir Dry Farming Station as selection #5-38. Tall, spineless plant. Flowers orange. Cultivated.
- 407615.** KN 90 (Esendal #22). Felahuje/Kayseri. Originally from Eskisehir Dry Farming Station. Cultivated.
- 407616.** KN 91 (Esendal #23). Eskisehir Dry Farming Station (Yenice 1813). Spineless plant. Yellow flowers. Cultivated.

407559 to 407645—Continued**407605 to 407624—Continued**

- 407617.** KN 92 (Esendal #24). Goynuk Agricultural Organization, Bolu. Collected at Hallihan. Late, spiny plant. Flowers yellow and turning orange. Used locally as an oil plant. Cultivated.
- 407618.** KN 93 (Esendal #25). Domanic. Spiny plant. Flowers yellow turning orange. Used locally for oil. Local name Diken Hashasi. Cultivated.
- 407619.** KN 94 (Esendal #26). Elbistan Agricultural Organization, Maras. Spiny plant taking 150 days to mature. Yellow flowers. Used locally as a mixture with wheat and barley, ground up, and eaten as food. Cultivated.
- 407620.** KN 95 (Esendal #27). Spiny plant with medium maturity. Flowers yellow turning orange. Used for oil. Local name German poppy. Cultivated.
- 407621.** KN 96 (Esendal #28). Kutahya. Spiny plant with medium maturity. Flowers yellow. Local name German poppy. Same as P.I. 407620. Cultivated.
- 407622.** KN 97 (Esendal #29). Isparta Technical Agricultural Organization. Originally from Eskisehir Seed Breeding Station. Spiny, late plant. Flowers yellow, turning orange. Used for oil. Local name "spiny poppy". Cultivated.
- 407623.** KN 98 (Esendal #30). Isparta Technical Agricultural Organization. Spineless, very late plant. Flowers yellow, turning orange. Used for oil. Local name "spineless poppy". Cultivated.
- 407624.** KN 99 (Esendal #31). Simav, Kutahya. Spiny plant. Flowers red. Used for oil. Local name "oil grass". Cultivated.
- 407625.** CARTHAMUS sp.
KN 43. Near Koycegiz. Intermediate plant between *C. lanatus* and *C. lanatus* subsp. *turkestanicus*. Ripe. Growing in association with *C. dentatus*, just beginning to flower. Wild.
- 407626.** CENTAUREA sp. Asteraceae.
KN 12. Haymana Farm, Agricultural Research Institute, 40 km south of Ankara. Spiny perennial plant with head and flowers 4 cm long. Head 10 to 15 mm in diameter. Yellow flowers. Wild.
- 407627.** CENTAUREA sp.
KN 53. On road to Erzerum, 3 km from Cat. Perennial plant 50 to 60 cm high. Heads green, though flowers dry. Flowers yellow. Growing in wheatfield. Wild.
- 407628.** CENTAUREA sp.
KN 55. Southeast Lake Van. Perennial plant 80 to 100 cm high, spineless. Flowers yellow, very large basal leaves. Growing on roadside, frequent from east end of lake to Van. Wild.
- 407629.** EREMOPYRUM sp. Poaceae.
KN 21. Hayama Farm of the Agricultural Research Institute, 40 km south of Ankara. Plant 10 cm high, very ripe. Wild.
- 407630.** ERUCA SATIVA Mill. Brassicaceae. **Rocket-salad.**
KN 30. Near Hirfanli dam, 17 km northeast of Hirfanli village. Plant 30 to 50 cm high, ripe. Growing in flaxfield and roadside. Wild.

407559 to 407645—Continued

407631. LATHYRUS sp. Fabaceae.

KN 22. Reforestation project on south edge of Ankara. Just getting ripe July 20. Wild.

407632. LATHYRUS sp.

KN 26. Reforestation project on south edge of Ankara. Very green. Wild.

407633. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

KN 35. Reforestation project on south edge of Ankara. Purple-bluish flowers. Some plants show creeping character. Wild.

407634. POA BULBOSA L. Poaceae.

Bulbous bluegrass.

KN 50. Road from Erzerum to Cat, 23 km from Cat. Plant 25 to 40 cm high, near ripe. Abundant at top of pass on road in grassy area being cut for hay. Wild.

407635. SECALE sp. Poaceae.

KN 19. One km south of headquarters of Hayama Farm, Agricultural Research Institute, 40 km south of Ankara. One early plant in populations of wild rye which were very green. Probably a volunteer plant of *S. cereale*.

407636. TRIFOLIUM sp. Fabaceae.

KN 47. On road to Erzerum and Cat, 23 km from Cat. Plant to 30 cm high. Flowers dry, but pods green. Growing at top of pass on road in a grassy area being cut for hay. Wild.

407637. TRIFOLIUM sp.

KN 48. On road Erzerum to Cat, 23 km from Cat. Plant to 15 cm high. Growing at top of pass on road in grassy area being cut for hay. Wild.

407638. TRITICUM sp. Poaceae.

KN 15. About 0.8 km south of headquarters area of Hayama Farm, Agricultural Research Institute, 40 km south of Ankara. Plant 20 to 30 cm high, mostly near ripe. Abundant along fence line. Wild.

407639. TRITICUM sp.

KN 16. About 0.8 km south of headquarters area of Hayama Farm, Agricultural Research Institute, 40 km south of Ankara. Plant 40 to 60 cm high, ripe. Growing along fence line in association with P.I. 407638. Wild.

407640. TRITICUM sp.

KN 17. One km south of headquarters of Hayama Farm, Agricultural Research Institute, 48 km from Ankara. Plant 80 to 100 cm high, mostly ripe. Growing in association with P.I. 407638 and P.I. 407639. Wild.

407641 and 407642. VICIA PEREGRINA L. Fabaceae.

407641. KN 36. Reforestation project at south edge of Ankara. Large-seeded legume. Wild.

407642. KN 44. Mountainous area, 4 km north of Altinyayla. Viny plant with early pods shattered. Abundant on roadside. Wild.

407643 and 407644. VICIA SATIVA L.

Common vetch.

407643. KN 23. Reforestation project on south edge of Ankara. Still green July 20. Wild.

407644. KN 24. Reforestation project on south edge of Ankara. Erect pods, shattering very readily. Wild.

407645. Undetermined Fabaceae.

KN 25. Reforestation project at south edge of Ankara. Very green. Wild.

407646 and 407647. CAJANUS CAJAN (L.) Millsp. Fabaceae. Pigeonpea.

From India. Seed presented by J. M. Green, International Crops Research Institute for the Semiarid Tropics, Hyderabad. Received March 31, 1976.

407646. 'Prabhat' × 6997.

407647. 'Prabhat' × 7035.

407648 to 407652. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Code TG refers to Trombay Groundnut number. Received April 7, 1976.

407648. 'TG-7'. Bombay, Maharashtra State.

407649. 'TG-8'. Bombay, Maharashtra State.

407650. 'TG-14'. Bombay, Maharashtra State.

407651. 'TG-18'. Bombay, Maharashtra State.

407652. 'Darker Green Mutant'. Bombay, Maharashtra State.

407653 to 407659. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Union of Soviet Socialist Republics. Seed presented November 1975 by N.I. Vavilov Institute of Plant Industry, Leningrad. Received March 22, 1976.

407653. VIR 964. People's Republic of China.

407654. VIR 1511. People's Republic of China.

407655. VIR 2504. People's Republic of China.

407656. VIR 5215. 'Len-suj-pin-din-huan'. People's Republic of China.

407657. VIR 5227. People's Republic of China.

407658. VIR 5339. 'Dun-haj-czu-ja-czao'. People's Republic of China.

407659. VIR 5341. 'Dun-haj-hun-mao-czi'. People's Republic of China.

407660. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From People's Republic of China. Seed presented to R. T. Jackson, American Soybean Association, University of Illinois, Urbana, Illinois. Received March 22, 1976.

Unnamed variety. Via Yugoslavia. May 1975.

407661. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Japan. Seed originally received in 1974 by Agricultural Research Station, Harrow, Ontario, Canada and presented to United States Regional Soybean Laboratory, Urbana, Illinois. Received March 22, 1976.

Toyosuzu'.

407662 to 407688. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Thailand. Seed presented by Arwooth NaLampang, Oil Corporation Project, Department of Agriculture, Bangkok, Received March 1, 1976.

407662. 'Asiatica'.

407663. 'CES 102'.

407662 to 407688—Continued

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| 407664. 'CES 103'. | 407677. 'Samutsakorn No. 9'. |
| 407665. 'Chantaburi'. | 407678. 'Samutsakorn No. 11'. |
| 407666. 'Chiba Handachi'. | 407679. 'Samutsakorn No. 15'. |
| 407667. 'Chiba Shoryer'. | 407680. 'S.K. 36'. |
| 407668. 'Kanto No. 21'. | 407681. 'S.K. 38'. |
| 407669. 'Kidang'. | 407682. 'Tainan No. 6'. |
| 407670. 'Kintoki'. | 407683. 'Tainung No. 2'. |
| 407671. 'Lonyun 6104'. | 407684. 'Tainung No. 3'. |
| 407672. 'Native (R.D)'. | 407685. 'Taiwan No. 1'. |
| 407673. 'Ro-iet'. | 407686. 'Taiwan No. 2'. |
| 407674. 'Samutsakorn No. 5'. | 407687. 'Taiwan No. 4'. |
| 407675. 'Samutsakorn No. 7'. | 407688. 'Taiwan No. 9'. |
| 407676. 'Samutsakorn No. 8'. | |

407689 to 407700. DIOSCOREA ALATA L. Dioscoreaceae.**Winged yam.**

From Puerto Rico. Plant material held by Mayaguez Institute of Tropical Agriculture, Mayaguez. Received April 2, 1976.

407689. 15524. 'Gemelos'. Puerto Rico.
 407690. 15573. 'Leone Globe'. Sierre Leone.
 407691. 16078. (SEA-119). 'Toki'. British Solomon Islands.
 407692. 16079. (SEA-144). 'Taniela Vula Leka'. Fiji.
 407693. 16080. (SEA-184). 'Kinampay'. Philippines.
 407694. 16081. (SEA-189). 'Kinabayo'. Philippines.
 407695. 16082. (SEA-190). 'Kabusah'. Philippines.
 407696. 16083. (SEA-191). 'Binugas'. Philippines.
 407697. 16084. (SEA-241). 'Gunung'. Indonesia.
 407698. 16085. (SEA-304). 'Purmay'. Malaysia.
 407699. 16086. (SEA-1). 'Moresby'. Papua New Guinea.
 407700. 16087. (SEA-25). 'Tanala'. Papua New Guinea.

407701 to 407705. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From People's Republic of China. Seed presented July 1974 to United States Regional Soybean Laboratory, Urbana, Illinois, via Ottawa Research Station, Central Experiment Farm, Ottawa, Ontario, Canada. Received March 22, 1976.

407701. 'Hei Long No. 3'.
 407702. 'Hei Nong No. 16'.
 407703. 'Jilin 4'.
 407704. 'Jilin 9'.
 407705. 'Jilin 12'.

407706 to 407726. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From People's Republic of China. Seed presented May 1975 to United States Regional Soybean Laboratory, Urbana, Illinois via Ottawa Research Station, Ottawa, Ontario, Canada. Received March 22, 1976.

- 407706.** PGR 377. 'Chou Yao Tao'. Jilin Provincial Academy of Agricultural Science.
- 407707.** PGR 384. 'Chuen Sien No. 1'. Jilin City Research Council of Agricultural Science, Revolutionary Committee.
- 407708.** PGR 423. 'Feng Shou No. 10'. Heilungkiang Provincial Academy of Agricultural Science
- 407709.** PGR 424. 'Feng Shou No. 12'. Heilungkiang Provincial Academy of Agricultural Science.
- 407710.** PGR 431. 'Foo Sun No. 1'. Heilungkiang Provincial Academy of Agricultural Science.
- 407711.** PGR 422. 'Hei Nung No. 4'. Heilungkiang Provincial Academy of Agricultural Science.
- 407712.** PGR 421. 'Hei Nung No. 18'. Heilungkiang Provincial Academy of Agricultural Science.
- 407713.** PGR 425. 'Jao Teh Jar Ching'. Heilungkiang Provincial Academy of Agricultural Science.
- 407714.** PGR 379. 'Jan Chi Tao'. Jilin Provincial Academy of Agricultural Science.
- 407715.** PGR 381. 'Jin Nung No. 2'. Jilin City Research Council of Agricultural Science, Revolutionary Committee.
- 407716.** PGR 382. 'Jin Nung No. 3'. Jilin City Research Council of Agricultural Science, Revolutionary Committee.
- 407717.** PGR 383. 'Jin Nung No. 5'. Jilin City Research Council of Agricultural Science, Revolutionary Committee.
- 407718.** PGR 429. 'Jin Shen Chi'. Heilungkiang Provincial Academy of Agricultural Science.
- 407719.** PGR 373. 'Jou Feng No. 2'. Jilin Provincial Academy of Agricultural Science.
- 407720.** PGR 378. 'Kao Chien Tao'. Jilin Provincial Academy of Agricultural Science.
- 407721.** PGR 428. 'Muim Bao Jing'. Heilungkiang Provincial Academy of Agricultural Science.
- 407722.** PGR 380. 'Ping Ting Sheung'. Jilin Provincial Academy of Agricultural Science.
- 407723.** PGR 426. 'See Shen Tze Lee Huang'. Heilungkiang Provincial Academy of Agricultural Science.
- 407724.** PGR 376. 'Sin Peh Tao'. Jilin Provincial Academy of Agricultural Science.
- 407725.** PGR 427. 'Suen Wu Dah Bai Mee'. Heilungkiang Provincial Academy of Agricultural Science.
- 407726.** PGR 430. 'Wu Ding Choo'. Heilungkiang Provincial Academy of Agricultural Science.

407727 to 407769. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From People's Republic of China. Seed collected August-September 1974 by R.

L. Bernard, United States Regional Soybean Laboratory, Urbana, Illinois.

Received March 22, 1976.

- 407727. 1. Nan Yuan commune, south of Peking.
- 407728. 2. West of Peking, Peking Municipality.
- 407729. 3. Along road to Ming Tombs, north of Peking.
- 407730. 4. Along road to Ming Tombs, north of Peking.
- 407731. 5. Along road to Ming Tombs, north of Peking.
- 407732. 6. Along road to Ming Tombs, north of Peking.
- 407733. 7. Along road to Ming Tombs, north of Peking.
- 407734. 8. Along road to Ming Tombs, north of Peking.
- 407735. 9. Along road to Ming Tombs, north of Peking.
- 407736. 10. Along road to Ming Tombs, north of Peking.
- 407737. 11. 'Chu Hsuan 23'. West of Sian, Shensi Province.
- 407738. 12. Near Big Goose Pagoda, Sian, Shensi Province.
- 407739. 13. Near Big Goose Pagoda, Sian, Shensi Province.
- 407740. 14. Near Sian, Shensi Province.
- 407741. 15. Near Sian, Shensi Province.
- 407742. 16. Near Sian, Shensi Province.
- 407743. 17A. Streetside garden in Nanking, Kangsu Province.
- 407744. 17B. Streetside garden in Nanking, Kangsu Province.
- 407745. 18. Garden at Soil Institute, Nanking, Kangsu Province.
- 407746. 19. Shanghai Municipality.
- 407747. 20-1. Shanghai Municipality.
- 407748. 20-2. Shanghai Municipality.
- 407749. 21. Shanghai Municipality.
- 407750. 22. Shanghai Municipality.
- 407751. 23. Shanghai Municipality.
- 407752. 24. Shanghai Municipality.
- 407753. 25. Shanghai Municipality.
- 407754. 26. Shanghai Municipality.
- 407755. 28. Shanghai market.
- 407756. 29. Shanghai market.
- 407757. 30-1. Shanghai market.
- 407758. 30-2. Shanghai market.
- 407759. 31. Shanghai market.
- 407760. 32. Shanghai market.
- 407761. 33. Shanghai market.
- 407762. 35. Shanghai market.
- 407763. 36. Shanghai market.
- 407764. 37-1. Pearl River delta, south of Canton, Kwangtung Province.

407727 to 407769—Continued

407765. 37-2. Pearl River delta, south of Canton, Kwangtung Province.
 407766. 38-1. Pearl River delta, south of Canton, Kwangtung Province.
 407767. 38-2. Pearl River delta, south of Canton, Kwangtung Province.
 407768. 39-1. South of Canton, Kwangtung Province.
 407769. 39-2. South of Canton, Kwangtung Province.

407770 to 407777. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From Korea. Seed presented by S. H. Kwon, Korea Atomic Energy Research Institute, Seoul. Received March 22, 1976.

407770. ORD 8172. KAERI 100-11-2. Yongsan market, Seoul.
 407771. ORD 8184. KAERI 312-3. Eumseong Gun, Chungcheong Bug Do.
 407772. ORD 8182. KAERI 302-4. Geumsan Gun, Chungcheong Nam Do.
 407773. ORD 8185. KAERI 330-1-2. Cheonan Gun, Chungcheong Nam Do.
 407774. ORD 8186. KAERI 330-12. Cheonan Gun, Chungcheong Nam Do.
 407775. ORD 8187. KAERI 353-10. Decheon Gun, Chungcheong Nam Do.
 407776. ORD 8188. KAERI 361-2. Nonsan Gun, Chungcheong Nam Do.
 407777. ORD 8189. KAERI 363-5. Ganggyeong Gun, Chungcheong Nam Do.

407778 to 407848. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From Korea. Seed presented February 1975 by the Crops Experiment Station, Office of Rural Development, Suwon via Illinois Foundation Seeds, Inc., Illinois. Received March 19, 1976.

407778. ORD 8102. Seoul, Gyeonggi Do.
 407779. ORD 8103. Seoul, Gyeonggi Do.
 407780. ORD 8104. Amyang, Gyeonggi Do.
 407781. ORD 8105. Seoul, Gyeonggi Do.
 407782. ORD 8106. Seoul, Gyeonggi Do.
 407783. ORD 8107. Seoul, Gyeonggi Do.
 407784. ORD 8108. Janghoweong, Gyeonggi Do.
 407785. ORD 8109. Seoul, Gyeonggi Do.
 407786. ORD 8110. Janghoweong, Gyeonggi Do.
 407787. ORD 8111. Kapyung, Gyeonggi Do.
 407788. ORD 8113. Kapyung, Gyeonggi Do.
 407789. ORD 8115. Anyang, Gyeonggi Do.
 407790. ORD 8118. Anyang, Gyeonggi Do.
 407791. ORD 8119. Yeosu, Gyeonggi Do.
 407792. ORD 8125. Yongin, Gyeonggi Do.
 407793. ORD 8127. Kapyung, Gyeonggi Do.
 407794. ORD 8128. Yicheon, Gyeonggi Do.
 407795. ORD 8129. Kapyung, Gyeonggi Do.
 407796. ORD 8130. Sinjangdaeri, Gyeonggi Do.

407778 to 407848—Continued

- 407797. ORD 8131. Sinjangdaeri, Gyeonggi Do.
- 407798. ORD 8132. Yeosu, Gyeonggi Do.
- 407799. ORD 8134. Yicheon, Gyeonggi Do.
- 407800. ORD 8136. Yicheon, Gyeonggi Do.
- 407801. ORD 8137. Yeosu, Gyeonggi Do.
- 407802. ORD 8138. Janhoweon, Gyeonggi Do.
- 407803. ORD 8139. Yeosu, Gyeonggi Do.
- 407804. ORD 8142. Yong-in, Gyeonggi Do.
- 407805. ORD 8143. Suwon, Gyeonggi Do.
- 407806. ORD 8144. Suwon, Gyeonggi Do.
- 407807. ORD 8145. Suwon, Gyeonggi Do.
- 407808. ORD 8146. Osan Gyeonggi Do.
- 407809. ORD 8147. Suwon, Gyeonggi Do.
- 407810. ORD 8150. Pyungtaek, Gyeonggi Do.
- 407811. ORD 8154. Pyungtaek, Gyeonggi Do.
- 407812. ORD 8157. Pyungtaek, Gyeonggi Do.
- 407813. ORD 8158. Pyungtaek, Gyeonggi Do.
- 407814. ORD 8159. Pyungtaek, Gyeonggi Do.
- 407815. ORD 8162. Suwon, Gyeonggi Do.
- 407816. ORD 8163. Ansong, Gyeonggi Do.
- 407817. ORD 8164. Pyungtaek, Gyeonggi Do.
- 407818. ORD 8165. Pyungtaek, Gyeonggi Do.
- 407819. ORD 8166. Pyungtaek, Gyeonggi Do.
- 407820. ORD 8167. Pyungtaek, Gyeonggi Do.
- 407821. ORD 8168. Ansong, Gyeonggi Do.
- 407822. ORD 8169. Ansong, Gyeonggi Do.
- 407823. ORD 8170. Suwon, Gyeonggi Do.
- 407824. ORD 8171. Suwon, Gyeonggi Do.
- 407825. ORD 8195. Hwasung, Gyeonggi Do.
- 407826. ORD 8199. 'Suwon No. 64'.
- 407827. ORD 8112. Weonju, Gangweon Do.
- 407828. ORD 8114. Hoingsung, Gangweon Do.
- 407829. ORD 8116. Chunsung, Gangweon Do.
- 407830. ORD 8117. Chunsung, Gangweon Do.
- 407831. ORD 8120. Weonju, Gangweon Do.
- 407832. ORD 8122. Weonju, Gangweon Do.
- 407833. ORD 8123. Hongcheon, Gangweon Do.
- 407834. ORD 8124. Hoingsung, Gangweon Do.
- 407835. ORD 8126. Hongcheon, Gangweon Do.
- 407836. ORD 8133. Weonju, Gangweon Do.
- 407837. ORD 8135. Chunsung, Gangweon Do.
- 407838. ORD 8140. Weonju, Gangweon Do.
- 407839. ORD 8149. Sunghwan, Chungcheong Nam Do.

407778 to 407848—Continued

- 407840. ORD 8151. Chunan, Chungcheong Nam Do.
- 407841. ORD 8152. Chunan, Chungcheong Nam Do.
- 407842. ORD 8153. Sunghwan, Chungcheong Nam Do.
- 407843. ORD 8155. Yeonki, Chungcheong Nam Do.
- 407844. ORD 8156. Yeonki, Chungcheong Nam Do.
- 407845. ORD 8160. Sunghwan, Chungcheong Nam Do.
- 407846. ORD 8197. Andong, Gyeongsang Bug Do.
- 407847. ORD 8198. Andong, Gyeongsang Bug Do.
- 407848. ORD 8196. Jangsung, Jeonra Nam Do.

407849 to 408345. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From Korea. Seed presented February 1975 by S. H. Kwon, Korea Atomic Energy Research Institute, Seoul. Received March 22, 1976.

- 407849. KAERI 510-1. Iri Gun, Junra Bug Do.
- 407850. KAERI 510-2-1. Iri Gun, Junra Bug Do.
- 407851. KAERI 510-2-2. Iri Gun, Junra Bug Do.
- 407852. KAERI 510-2-3. Iri Gun, Junra Bug Do.
- 407853. KAERI 510-3-1. Iri Gun, Junra Bug Do.
- 407854. KAERI 510-3-2. Iri Gun, Junra Bug Do.
- 407855. KAERI 510-3-3. Iri Gun, Junra Bug Do.
- 407856. KAERI 510-3-4. Iri Gun, Junra Bug Do.
- 407857. KAERI 510-4. Iri Gun, Junra Bug Do.
- 407858. KAERI 510-5. Iri Gun, Junra Bug Do.
- 407859. KAERI 510-6. Iri Gun, Junra Bug Do.
- 407860. KAERI 510-7. Iri Gun, Junra Bug Do.
- 407861. KAERI 510-8. Iri Gun, Junra Bug Do.
- 407862. KAERI 510-9. Iri Gun, Junra Bug Do.
- 407863. KAERI 510-10. Iri Gun, Junra Bug Do.
- 407864. KAERI 510-11. Iri Gun, Junra Bug Do.
- 407865. KAERI 510-12. Iri Gun, Junra Bug Do.
- 407866. KAERI 510-13. Iri Gun, Junra Bug Do.
- 407867. KAERI 511-1. Gunsan Gun, Junra Bug Do.
- 407868. KAERI 511-2. Gunsan Gun, Junra Bug Do.
- 407869. KAERI 511-3. Gunsan Gun, Junra Bug Do.
- 407870. KAERI 511-4. Gunsan Gun, Junra Bug Do.
- 407871. KAERI 511-5. Gunsan Gun, Junra Bug Do.
- 407872. KAERI 511-6. Gunsan Gun, Junra Bug Do.
- 407873. KAERI 511-7. Gunsan Gun, Junra Bug Do.
- 407874. KAERI 511-8. Gunsan Gun, Junra Bug Do.
- 407875. KAERI 511-9. Gunsan Gun, Junra Bug Do.
- 407876. KAERI 511-10. Gunsan Gun, Junra Bug Do.
- 407877. KAERI 511-11. Gunsan Gun, Junra Bug Do.

407849 to 408345—Continued

- 407878. KAERI 511-12. Gunsan Gun, Junra Bug Do.
- 407879. KAERI 511-13. Gunsan Gun, Junra Bug Do.
- 407880. KAERI 521-1. Imsil Gun, Junra Bug Do.
- 407881. KAERI 521-2. Imsil Gun, Junra Bug Do.
- 407882. KAERI 521-3. Imsil Gun, Junra Bug Do.
- 407883. KAERI 521-4. Imsil Gun, Junra Bug Do.
- 407884. KAERI 521-5. Imsil Gun, Junra Bug Do.
- 407885. KAERI 521-6. Imsil Gun, Junra Bug Do.
- 407886. KAERI 521-8. Imsil Gun, Junra Bug Do.
- 407887. KAERI 521-9. Imsil Gun, Junra Bug Do.
- 407888. KAERI 521-10. Imsil Gun, Junra Bug Do.
- 407889. KAERI 523-1. Jinan Gun, Junra Bug Do.
- 407890. KAERI 523-2. Jinan Gun, Junra Bug Do.
- 407891. KAERI 523-3. Jinan Gun, Junra Bug Do.
- 407892. KAERI 523-4. Jinan Gun, Junra Bug Do.
- 407893. KAERI 523-5. Jinan Gun, Junra Bug Do.
- 407894. KAERI 523-6. Jinan Gun, Junra Bug Do.
- 407895. KAERI 524-1. Muju Gun, Junra Bug Do.
- 407896. KAERI 524-2. Muju Gun, Junra Bug Do.
- 407897. KAERI 524-3. Muju Gun, Junra Bug Do.
- 407898. KAERI 524-4. Muju Gun, Junra Bug Do.
- 407899. KAERI 524-5. Muju Gun, Junra Bug Do.
- 407900. KAERI 524-6. Muju Gun, Junra Bug Do.
- 407901. KAERI 524-7. Muju Gun, Junra Bug Do.
- 407902. KAERI 524-8. Muju Gun, Junra Bug Do.
- 407903. KAERI 530-1. Namweon Gun, Junra Bug Do.
- 407904. KAERI 530-2. Namweon Gun, Junra Bug Do.
- 407905. KAERI 530-3. Namweon Gun, Junra Bug Do.
- 407906. KAERI 530-4. Namweon Gun, Junra Bug Do.
- 407907. KAERI 530-5. Namweon Gun, Junra Bug Do.
- 407908. KAERI 530-6. Namweon Gun, Junra Bug Do.
- 407909. KAERI 530-7-1. Namweon Gun, Junra Bug Do.
- 407910. KAERI 530-7-2. Namweon Gun, Junra Bug Do.
- 407911. KAERI 530-8. Namweon Gun, Junra Bug Do.
- 407912. KAERI 530-9. Namweon Gun, Junra Bug Do.
- 407913. KAERI 530-10. Namweon Gun, Junra Bug Do.
- 407914. KAERI 532-1. Sunchang Gun, Junra Bug Do.
- 407915. KAERI 532-2. Sunchang Gun, Junra Bug Do.
- 407916. KAERI 532-3. Sunchang Gun, Junra Bug Do.
- 407917. KAERI 532-4. Sunchang Gun, Junra Bug Do.
- 407918. KAERI 550-1-1. Gimje Gun, Junra Bug Do.
- 407919. KAERI 550-1-2. Gimje Gun, Junra Bug Do.
- 407920. KAERI 550-2. Gimje Gun, Junra Bug Do.

407849 to 408345—Continued

- 407921. KAERI 551-1. Buan Gun, Junra Bug Do.
- 407922. KAERI 551-2. Buan Gun, Junra Bug Do.
- 407923. KAERI 551-3. Buan Gun, Junra Bug Do.
- 407924. KAERI 551-4. Buan Gun, Junra Bug Do.
- 407925. KAERI 551-5. Buan Gun, Junra Bug Do.
- 407926. KAERI 551-6. Buan Gun, Junra Bug Do.
- 407927. KAERI 551-7. Buan Gun, Junra Bug Do.
- 407928. KAERI 551-8. Buan Gun, Junra Bug Do.
- 407929. KAERI 552-1. Gochang Gun, Junra Bug Do.
- 407930. KAERI 552-2. Gochang Gun, Junra Bug Do.
- 407931. KAERI 552-3. Gochang Gun, Junra Bug Do.
- 407932. KAERI 552-4. Gochang Gun, Junra Bug Do.
- 407933. KAERI 552-5. Gochang Gun, Junra Bug Do.
- 407934. KAERI 552-6. Gochang Gun, Junra Bug Do.
- 407935. KAERI 552-7. Gochang Gun, Junra Bug Do.
- 407936. KAERI 560-1. Jeong-eub Gun, Junra Bug Do.
- 407937. KAERI 560-2. Jeong-eub Gun, Junra Bug Do.
- 407938. KAERI 560-3. Jeong-eub Gun, Junra Bug Do.
- 407939. KAERI 560-4. Jeong-eub Gun, Junra Bug Do.
- 407940. KAERI 560-5. Jeong-eub Gun, Junra Bug Do.
- 407941. KAERI 560-6. Jeong-eub Gun, Junra Bug Do.
- 407942. KAERI 560-7. Jeong-eub Gun, Junra Bug Do.
- 407943. KAERI 581-1. Jeonju Gun, Junra Bug Do.
- 407944. KAERI 581-2. Jeonju Gun, Junra Bug Do.
- 407945. KAERI 581-3. Jeonju Gun, Junra Bug Do.
- 407946. KAERI 581-4. Jeonju Gun, Junra Bug Do.
- 407947. KAERI 582-1. Jang su Gun, Junra Bug Do.
- 407948. KAERI 502-1. Jangseong Gun, Junra Nam Do.
- 407949. KAERI 502-2. Jangseong Gun, Junra Nam Do.
- 407950. KAERI 502-4. Jangseong Gun, Junra Nam Do.
- 407951. KAERI 502-5. Jangseong Gun, Junra Nam Do.
- 407952. KAERI 503-1. Damyang Gun, Junra Nam Do.
- 407953. KAERI 503-2. Damyang Gun, Junra Nam Do.
- 407954. KAERI 503-3. Damyang Gun, Junra Nam Do.
- 407955. KAERI 503-4. Damyang Gun, Junra Nam Do.
- 407956. KAERI 503-5. Damyang Gun, Junra Nam Do.
- 407957. KAERI 503-6. Damyang Gun, Junra Nam Do.
- 407958. KAERI 503-7. Damyang Gun, Junra Nam Do.
- 407959. KAERI 503-8. Damyang Gun, Junra Nam Do.
- 407960. KAERI 503-9. Damyang Gun, Junra Nam Do.
- 407961. KAERI 503-10. Damyang Gun, Junra Nam Do.
- 407962. KAERI 504-1. Yeong-gwang Gun, Junra Nam Do.
- 407963. KAERI 504-2. Yeong-gwang Gun, Junra Nam Do.

407849 to 408345—Continued

- 407964. KAERI 504-3. Yeong-gwang Gun, Junra Nam Do.
- 407965. KAERI 504-4. Yeong-gwang Gun, Junra Nam Do.
- 407966. KAERI 504-5. Yeong-gwang Gun, Junra Nam Do.
- 407967. KAERI 504-6. Yeong-gwang Gun, Junra Nam Do.
- 407968. KAERI 504-7. Yeong-gwang Gun, Junra Nam Do.
- 407969. KAERI 504-8. Yeong-gwang Gun, Junra Nam Do.
- 407970. KAERI 505-1. Hwasun Gun, Junra Nam Do.
- 407971. KAERI 540-1-1. Suncheon Gun, Junra Nam Do.
- 407972. KAERI 540-1-2. Suncheon Gun, Junra Nam Do.
- 407973. KAERI 540-2. Suncheon Gun, Junra Nam Do.
- 407974. KAERI 540-3. Suncheon Gun, Junra Nam Do.
- 407975. KAERI 540-4. Suncheon Gun, Junra Nam Do.
- 407976. KAERI 541-1. Gogseong Gun, Junra Nam Do.
- 407977. KAERI 541-2. Gogseong Gun, Junra Nam Do.
- 407978. KAERI 541-3. Gogseong Gun, Junra Nam Do.
- 407979. KAERI 541-4. Gogseong Gun, Junra Nam Do.
- 407980. KAERI 541-5. Gogseong Gun, Junra Nam Do.
- 407981. KAERI 542-1. Yeosu Gun, Junra Nam Do.
- 407982. KAERI 542-2. Yeosu Gun, Junra Nam Do.
- 407983. KAERI 542-3-1. Yeosu Gun, Junra Nam Do.
- 407984. KAERI 542-3-2. Yeosu Gun, Junra Nam Do.
- 407985. KAERI 542-4. Yeosu Gun, Junra Nam Do.
- 407986. KAERI 542-5. Yeosu Gun, Junra Nam Do.
- 407987. KAERI 542-6. Yeosu Gun, Junra Nam Do.
- 407988. KAERI 542-7. Yeosu Gun, Junra Nam Do.
- 407989. KAERI 542-8. Yeosu Gun, Junra Nam Do.
- 407990. KAERI 542-9. Yeosu Gun, Junra Nam Do.
- 407991. KAERI 542-10. Yeosu Gun, Junra Nam Do.
- 407992. KAERI 543-1. Gwangyang Gun, Junra Nam Do.
- 407993. KAERI 543-2. Gwangyang Gun, Junra Nam Do.
- 407994. KAERI 543-3. Gwangyang Gun, Junra Nam Do.
- 407995. KAERI 544-1. Gwangju Gun, Junra Nam Do.
- 407996. KAERI 544-2. Gwangju Gun, Junra Nam Do.
- 407997. KAERI 544-3. Gwangju Gun, Junra Nam Do.
- 407998. KAERI 544-4. Gwangju Gun, Junra Nam Do.
- 407999. KAERI 544-5. Gwangju Gun, Junra Nam Do.
- 408000. KAERI 544-6. Gwangju Gun, Junra Nam Do.
- 408001. KAERI 544-7. Gwangju Gun, Junra Nam Do.
- 408002. KAERI 544-8. Gwangju Gun, Junra Nam Do.
- 408003. KAERI 544-9. Gwangju Gun, Junra Nam Do.
- 408004. KAERI 544-10. Gwangju Gun, Junra Nam Do.
- 408005. KAERI 547-1. Boseong Gun, Junra Nam Do.

407849 to 408345—Continued

- 408006. KAERI 547-2. Boseong Gun, Junra Nam Do.
- 408007. KAERI 547-3. Boseong Gun, Junra Nam Do.
- 408008. KAERI 548-1. Goheung Gun, Junra Nam Do.
- 408009. KAERI 548-2. Goheung Gun, Junra Nam Do.
- 408010. KAERI 548-3. Goheung Gun, Junra Nam Do.
- 408011. KAERI 548-4. Goheung Gun, Junra Nam Do.
- 408012. KAERI 548-5. Goheung Gun, Junra Nam Do.
- 408013. KAERI 548-6. Goheung Gun, Junra Nam Do.
- 408014. KAERI 548-7. Goheung Gun, Junra Nam Do.
- 408015. KAERI 548-8. Goheung Gun, Junra Nam Do.
- 408016. KAERI 548-9. Goheung Gun, Junra Nam Do.
- 408017. KAERI 548-10. Goheung Gun, Junra Nam Do.
- 408018. KAERI 549-1. Gurye Gun, Junra Nam Do.
- 408019. KAERI 549-2. Gurye Gun, Junra Nam Do.
- 408020. KAERI 549-3. Gurye Gun, Junra Nam Do.
- 408021. KAERI 549-4. Gurye Gun, Junra Nam Do.
- 408022. KAERI 549-5. Gurye Gun, Junra Nam Do.
- 408023. KAERI 549-6. Gurye Gun, Junra Nam Do.
- 408024. KAERI 549-7. Gurye Gun, Junra Nam Do.
- 408025. KAERI 549-8. Gurye Gun, Junra Nam Do.
- 408026. KAERI 549-9. Gurye Gun, Junra Nam Do.
- 408027. KAERI 549-10. Gurye Gun, Junra Nam Do.
- 408028. KAERI 549-11. Gurye Gun, Junra Nam Do.
- 408029. KAERI 570-1. Gangjin Gun, Junra Nam Do.
- 408030. KAERI 571-1. Naju Gun, Junra Nam Do.
- 408031. KAERI 571-2. Naju Gun, Junra Nam Do.
- 408032. KAERI 571-3. Naju Gun, Junra Nam Do.
- 408033. KAERI 571-4. Naju Gun, Junra Nam Do.
- 408034. KAERI 571-5. Naju Gun, Junra Nam Do.
- 408035. KAERI 571-6. Naju Gun, Junra Nam Do.
- 408036. KAERI 571-7. Naju Gun, Junra Nam Do.
- 408037. KAERI 571-8. Naju Gun, Junra Nam Do.
- 408038. KAERI 572-1. Hampyeong Gun, Junra Nam Do.
- 408039. KAERI 572-2. Hampyeong Gun, Junra Nam Do.
- 408040. KAERI 572-3. Hampyeong Gun, Junra Nam Do.
- 408041. KAERI 572-4. Hampyeong Gun, Junra Nam Do.
- 408042. KAERI 574-1. Wando Gun, Junra Nam Do.
- 408043. KAERI 575-1. Mogpo Gun, Junra Nam Do.
- 408044. KAERI 575-2. Mogpo Gun, Junra Nam Do.
- 408045. KAERI 575-3. Mogpo Gun, Junra Nam Do.
- 408046. KAERI 575-4. Mogpo Gun, Junra Nam Do.
- 408047. KAERI 575-5-1. Mogpo Gun, Junra Nam Do.
- 408048. KAERI 575-6. Mogpo Gun, Junra Nam Do.

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- 408049. KAERI 575-7. Mogpo Gun, Junra Nam Do.
- 408050. KAERI 575-8. Mogpo Gun, Junra Nam Do.
- 408051. KAERI 575-9. Mogpo Gun, Junra Nam Do.
- 408052. KAERI 575-10. Mogpo Gun, Junra Nam Do.
- 408053. KAERI 576-1. Henam Gun, Junra Nam Do.
- 408054. KAERI 576-2. Henam Gu Junra Nam Do.
- 408055. KAERI 576-3. Henam Gun, Junra Nam Do.
- 408056. KAERI 576-4. Henam Gun, Junra Nam Do.
- 408057. KAERI 630-1. Degu Gun, Gyeongsang Bug Do.
- 408058. KAERI 630-2. Degu Gun, Gyeongsang Bug Do.
- 408059. KAERI 630-4. Degu Gun, Gyeongsang Bug Do.
- 408060. KAERI 630-5. Degu Gun, Gyeongsang Bug Do.
- 408061. KAERI 630-6. Degu Gun, Gyeongsang Bug Do.
- 408062. KAERI 630-7. Degu Gun, Gyeongsang Bug Do.
- 408063. KAERI 630-8. Degu Gun, Gyeongsang Bug Do.
- 408064. KAERI 630-9. Degu Gun, Gyeongsang Bug Do.
- 408065. KAERI 630-11. Degu Gun, Gyeongsang Bug Do.
- 408066. KAERI 630-12. Degu Gun, Gyeongsang Bug Do.
- 408067. KAERI 630-13. Degu Gun, Gyeongsang Bug Do.
- 408068. KAERI 630-14. Degu Gun, Gyeongsang Bug Do.
- 408069. KAERI 630-15. Degu Gun, Gyeongsang Bug Do.
- 408070. KAERI 630-16. Degu Gun, Gyeongsang Bug Do.
- 408071. KAERI 630-17-1. Degu Gun, Gyeongsang Bug Do.
- 408072. KAERI 630-19. Degu Gun, Gyeongsang Bug Do.
- 408073. KAERI 631-1. Chilgog Gun, Gyeongsang Bug Do.
- 408074. KAERI 631-2. Chilgog Gun, Gyeongsang Bu Do.
- 408075. KAERI 631-3. Chilgog Gun, Gyeongsang Bug Do.
- 408076. KAERI 631-4. Chilgog Gun, Gyeongsang Bug Do.
- 408077. KAERI 632-1. Yeongduk Gun, Gyeongsang Bug Do.
- 408078. KAERI 632-2. Yeongduk Gun, Gyeongsang Bug Do.
- 408079. KAERI 632-3. Yeongduk Gun, Gyeongsang Bug Do.
- 408080. KAERI 632-4. Yeongduk Gun, Gyeongsang Bug Do.
- 408081. KAERI 632-5. Yeongduk Gun, Gyeongsang Bug Do.
- 408082. KAERI 632-6. Yeongduk Gun Gyeongsang Bug Do.
- 408083. KAERI 632-7. Yeongduk Gun, Gyeongsang Bug Do.
- 408084. KAERI 632-8. Yeongduk Gun, Gyeongsang Bug Do.
- 408085. KAERI 632-9. Yeongduk Gun, Gyeongsang Bug Do.
- 408086. KAERI 632-10. Yeongduk Gun, Gyeongsang Bug Do.
- 408087. KAERI 633-1. Pohang Gun, Gyeongsang Bug Do.
- 408088. KAERI 633-2. Pohang Gun, Gyeongsang Bug Do.
- 408089. KAERI 633-3. Pohang Gun, Gyeongsang Bug Do.
- 408090. KAERI 633-4. Pohang Gun, Gyeongsang Bug Do.

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- 408091. KAERI 633-5. Pohang Gun, Gyeongsang Bug Do.
- 408092. KAERI 633-6. Pohang Gun, Gyeongsang Bug Do.
- 408093. KAERI 633-7. Pohang Gun, Gyeongsang Bug Do.
- 408094. KAERI 633-8. Pohang Gun, Gyeongsang Bug Do.
- 408095. KAERI 633-9. Pohang Gun, Gyeongsang Bug Do.
- 408096. KAERI 633-10. Pohang Gun, Gyeongsang Bug Do.
- 408097. KAERI 633-11. Pohang Gun, Gyeongsang Bug Do.
- 408098. KAERI 633-12. Pohang Gun, Gyeongsang Bug Do.
- 408099. KAERI 633-13. Pohang Gun, Gyeongsang Bug Do.
- 408100. KAERI 633-14. Pohang Gun, Gyeongsang Bug Do.
- 408101. KAERI 633-15. Pohang Gun, Gyeongsang Bug Do.
- 408102. KAERI 633-16. Pohang Gun, Gyeongsang Bug Do.
- 408103. KAERI 633-17. Pohang Gun, Gyeongsang Bug Do.
- 408104. KAERI 633-18. Pohang Gun, Gyeongsang Bug Do.
- 408105. KAERI 633-19. Pohang Gun, Gyeongsang Bug Do.
- 408106. KAERI 633-20. Pohang Gun, Gyeongsang Bug Do.
- 408107. KAERI 633-21. Pohang Gun, Gyeongsang Bug Do.
- 408108. KAERI 633-22. Pohang Gun, Gyeongsang Bug Do.
- 408109. KAERI 633-23. Pohang Gun, Gyeongsang Bug Do.
- 408110. KAERI 636-1. Waegwan Gun, Gyeongsang Bug Do.
- 408111. KAERI 636-2. Waegwan Gun, Gyeongsang Bug Do.
- 408112. KAERI 636-3. Waegwan Gun, Gyeongsang Bug Do.
- 408113. KAERI 636-4. Waegwan Gun, Gyeongsang Bug Do.
- 408114. KAERI 636-5. Waegwan Gun, Gyeongsang Bug Do.
- 408115. KAERI 637-1. Dalseong Gun, Gyeongsang Bug Do.
- 408116. KAERI 637-2. Dalseong Gun, Gyeongsang Bug Do.
- 408117. KAERI 637-3. Dalseong Gun, Gyeongsang Bug Do.
- 408118. KAERI 637-4. Dalseong Gun, Gyeongsang Bug Do.
- 408119. KAERI 637-5. Dalseong Gun, Gyeongsang Bug Do.
- 408120. KAERI 638-1. Seongju Gun, Gyeongsang Bug Do.
- 408121. KAERI 638-2. Seongju Gun, Gyeongsang Bug Do.
- 408122. KAERI 638-3. Seongju Gun, Gyeongsang Bug Do.
- 408123. KAERI 638-4. Seongju Gun, Gyeongsang Bug Do.
- 408124. KAERI 638-5. Seongju Gun, Gyeongsang Bug Do.
- 408125. KAERI 638-6. Seongju Gun, Gyeongsang Bug Do.
- 408126. KAERI 639-1. Goryeong Gun, Gyeongsang Bug Do.
- 408127. KAERI 639-2. Goryeong Gun, Gyeongsang Bug Do.
- 408128. KAERI 639-3. Goryeong Gun, Gyeongsang Bug Do.
- 408129. KAERI 639-4. Goryeong Gun, Gyeongsang Bug Do.
- 408130. KAERI 639-5. Goryeong Gun, Gyeongsang Bug Do.
- 408131. KAERI 639-6. Goryeong Gun, Gyeongsang Bug Do.
- 408132. KAERI 640-1. Gimcheon Gun, Gyeongsang Bug Do.

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- 408133. KAERI 640-2. Gimcheon Gun, Gyeongsang Bug Do.
- 408134. KAERI 640-3. Gimcheon Gun, Gyeongsang Bug Do.
- 408135. KAERI 640-4. Gimcheon Gun, Gyeongsang Bug Do.
- 408136. KAERI 640-5. Gimcheon Gun, Gyeongsang Bug Do.
- 408137. KAERI 640-6. Gimcheon Gun, Gyeongsang Bug Do.
- 408138. KAERI 640-7. Gimcheon Gun, Gyeongsang Bug Do.
- 408139. KAERI 640-8. Gimcheon Gun, Gyeongsang Bug Do.
- 408140. KAERI 640-9. Gimcheon Gun, Gyeongsang Bug Do.
- 408141. KAERI 640-10. Gimcheon Gun, Gyeongsang Bug Do.
- 408142. KAERI 648-1. Jeomchon Gun, Gyeongsang Bug Do.
- 408143. KAERI 648-2. Jeomchon Gun, Gyeongsang Bug Do.
- 408144. KAERI 648-3. Jeomchon Gun, Gyeongsang Bug Do.
- 408145. KAERI 648-4. Jeomchon Gun, Gyeongsang Bug Do.
- 408146. KAERI 648-5. Jeomchon Gun, Gyeongsang Bug Do.
- 408147. KAERI 648-6. Jeomchon Gun, Gyeongsang Bug Do.
- 408148. KAERI 648-7. Jeomchon Gun, Gyeongsang Bug Do.
- 408149. KAERI 651-1. Yeongju Gun, Gyeongsang Bug Do.
- 408150. KAERI 651-2-1. Yeongju Gun, Gyeongsang Bug Do.
- 408151. KAERI 651-2-2. Yeongju Gun, Gyeongsang Bug Do.
- 408152. KAERI 651-3. Yeongju Gun, Gyeongsang Bug Do.
- 408153. KAERI 651-4. Yeongju Gun, Gyeongsang Bug Do.
- 408154. KAERI 651-5. Yeongju Gun, Gyeongsang Bug Do.
- 408155. KAERI 651-6. Yeongju Gun, Gyeongsang Bug Do.
- 408156. KAERI 651-7. Yeongju Gun, Gyeongsang Bug Do.
- 408157. KAERI 651-9. Yeongju Gun, Gyeongsang Bug Do.
- 408158. KAERI 651-10. Yeongju Gun, Gyeongsang Bug Do.
- 408159. KAERI 660-1. Andong Gun, Gyeongsang Bug Do.
- 408160. KAERI 660-2. Andong Gun, Gyeongsang Bug Do.
- 408161. KAERI 660-3. Andong Gun, Gyeongsang Bug Do.
- 408162. KAERI 660-4. Andong Gun, Gyeongsang Bug Do.
- 408163. KAERI 660-5. Andong Gun, Gyeongsang Bug Do.
- 408164. KAERI 660-6. Andong Gun, Gyeongsang Bug Do.
- 408165. KAERI 660-7. Andong Gun, Gyeongsang Bug Do.
- 408166. KAERI 660-8. Andong Gun, Gyeongsang Bug Do.
- 408167. KAERI 660-9. Andong Gun, Gyeongsang Bug Do.
- 408168. KAERI 660-10. Andong Gun, Gyeongsang Bug Do.
- 408169. KAERI 660-11. Andong Gun, Gyeongsang Bug Do.
- 408170. KAERI 660-12. Andong Gun, Gyeongsang Bug Do.
- 408171. KAERI 661-1. Bonghwa Gun, Gyeongsang Bug Do.
- 408172. KAERI 661-2. Bonghwa Gun, Gyeongsang Bug Do.
- 408173. KAERI 661-3. Bonghwa Gun, Gyeongsang Bug Do.
- 408174. KAERI 661-4. Bonghwa Gun, Gyeongsang Bug Do.
- 408175. KAERI 661-5. Bonghwa Gun, Gyeongsang Bug Do.

407849 to 408345—Continued

- 408176. KAERI 661-6. Bonghwa Gun, Gyeongsang Bug Do.
- 408177. KAERI 661-7. Bonghwa Gun, Gyeongsang Bug Do.
- 408178. KAERI 661-8. Bonghwa Gun, Gyeongsang Bug Do.
- 408179. KAERI 661-9. Bonghwa Gun, Gyeongsang Bug Do.
- 408180. KAERI 680-1. Uljin Gun, Gyeongsang Bug Do.
- 408181. KAERI 680-2. Uljin Gun, Gyeongsang Bug Do.
- 408182. KAERI 680-3. Uljin Gun, Gyeongsang Bug Do.
- 408183. KAERI 680-5. Uljin Gun, Gyeongsang Bug Do.
- 408184. KAERI 680-6. Uljin Gun, Gyeongsang Bug Do.
- 408185. KAERI 680-7. Uljin Gun, Gyeongsang Bug Do.
- 408186. KAERI 681-1. Gyeongju Gun, Gyeongsang Bug Do.
- 408187. KAERI 681-2. Gyeongju Gun, Gyeongsang Bug Do.
- 408188. KAERI 681-3. Gyeongju Gun, Gyeongsang Bug Do.
- 408189. KAERI 681-4. Gyeongju Gun, Gyeongsang Bug Do.
- 408190. KAERI 681-5. Gyeongju Gun, Gyeongsang Bug Do.
- 408191. KAERI 681-6. Gyeongju Gun, Gyeongsang Bug Do.
- 408192. KAERI 681-7. Gyeongju Gun, Gyeongsang Bug Do.
- 408193. KAERI 681-8. Gyeongju Gun, Gyeongsang Bug Do.
- 408194. KAERI 681-9. Gyeongju Gun, Gyeongsang Bug Do.
- 408195. KAERI 681-10. Gyeongju Gun, Gyeongsang Bug Do.
- 408196. KAERI 600-1. Gimhe Gun, Gyeongsang Nam Do.
- 408197. KAERI 600-2. Gimhe Gun, Gyeongsang Nam Do.
- 408198. KAERI 600-3. Gimhe Gun, Gyeongsang Nam Do.
- 408199. KAERI 600-4-1. Gimhe Gun, Gyeongsang Nam Do.
- 408200. KAERI 600-4-2. Gimhe Gun, Gyeongsang Nam Do.
- 408201. KAERI 600-4-3. Gimhe Gun, Gyeongsang Nam Do.
- 408202. KAERI 600-5-1. Gimhe Gun, Gyeongsang Nam Do.
- 408203. KAERI 600-5-2. Gimhe Gun, Gyeongsang Nam Do.
- 408204. KAERI 600-6-1. Gimhe Gun, Gyeongsang Nam Do.
- 408205. KAERI 600-6-2. Gimhe Gun, Gyeongsang Nam Do.
- 408206. KAERI 600-7-1. Gimhe Gun, Gyeongsang Nam Do.
- 408207. KAERI 600-7-2. Gimhe Gun, Gyeongsang Nam Do.
- 408208. KAERI 600-8. Gimhe Gun, Gyeongsang Nam Do.
- 408209. KAERI 600-9. Gimhe Gun, Gyeongsang Nam Do.
- 408210. KAERI 600-10-1. Gimhe Gun, Gyeongsang Nam Do.
- 408211. KAERI 600-10-2. Gimhe Gun, Gyeongsang Nam Do.
- 408212. KAERI 601-1. Gupo Gun, Gyeongsang Nam Do.
- 408213. KAERI 601-2. Gupo Gun, Gyeongsang Nam Do.
- 408214. KAERI 601-3. Gupo Gun, Gyeongsang Nam Do.
- 408215. KAERI 601-5. Gupo Gun, Gyeongsang Nam Do.
- 408216. KAERI 602-1. Jinhe Gun, Gyeongsang Nam Do.
- 408217. KAERI 602-2. Jinhe Gun, Gyeongsang Nam Do.

407849 to 408345—Continued

- 408218. KAERI 602-3. Jinhe Gun, Gyeongsang Nam Do.
- 408219. KAERI 602-4. Jinhe Gun, Gyeongsang Nam Do.
- 408220. KAERI 602-5. Jinhe Gun, Gyeongsang Nam Do.
- 408221. KAERI 603-1. Chungmu Gun, Gyeongsang Nam Do.
- 408222. KAERI 603-2. Chungmu Gun, Gyeongsang Nam Do.
- 408223. KAERI 603-3. Chungmu Gun, Gyeongsang Nam Do.
- 408224. KAERI 603-4. Chungmu Gun, Gyeongsang Nam Do.
- 408225. KAERI 604-1-1. Busan Gun, Gyeongsang Nam Do.
- 408226. KAERI 604-2. Busan Gun, Gyeongsang Nam Do.
- 408227. KAERI 604-3-1. Busan Gun, Gyeongsang Nam Do.
- 408228. KAERI 604-4. Busan Gun, Gyeongsang Nam Do.
- 408229. KAERI 604-5-1. Busan Gun, Gyeongsang Nam Do.
- 408230. KAERI 604-6-1. Busan Gun, Gyeongsang Nam Do.
- 408231. KAERI 604-7. Busan Gun, Gyeongsang Nam Do.
- 408232. KAERI 604-8. Busan Gun, Gyeongsang Nam Do.
- 408233. KAERI 604-9. Busan Gun, Gyeongsang Nam Do.
- 408234. KAERI 604-10. Busan Gun, Gyeongsang Nam Do.
- 408235. KAERI 604-11. Busan Gun, Gyeongsang Nam Do.
- 408236. KAERI 604-12. Busan Gun, Gyeongsang Nam Do.
- 408237. KAERI 604-13. Busan Gun, Gyeongsang Nam Do.
- 408238. KAERI 604-14. Busan Gun, Gyeongsang Nam Do.
- 408239. KAERI 605-1. Milyang Gun, Gyeongsang Nam Do.
- 408240. KAERI 605-2. Milyang Gun, Gyeongsang Nam Do.
- 408241. KAERI 605-3. Milyang Gun, Gyeongsang Nam Do.
- 408242. KAERI 605-4. Milyang Gun, Gyeongsang Nam Do.
- 408243. KAERI 605-5. Milyang Gun, Gyeongsang Nam Do.
- 408244. KAERI 605-6. Milyang Gun, Gyeongsang Nam Do.
- 408245. KAERI 605-7. Milyang Gun, Gyeongsang Nam Do.
- 408246. KAERI 605-8. Milyang Gun, Gyeongsang Nam Do.
- 408247. KAERI 605-9. Milyang Gun, Gyeongsang Nam Do.
- 408248. KAERI 605-10. Milyang Gun, Gyeongsang Nam Do.
- 408249. KAERI 610-1. Goseong Gun, Gyeongsang Nam Do.
- 408250. KAERI 610-2. Goseong Gun, Gyeongsang Nam Do.
- 408251. KAERI 610-3. Goseong Gun, Gyeongsang Nam Do.
- 408252. KAERI 610-4. Goseong Gun, Gyeongsang Nam Do.
- 408253. KAERI 610-6. Goseong Gun, Gyeongsang Nam Do.
- 408254. KAERI 611-1. Euiryeong Gun, Gyeongsang Nam Do.
- 408255. KAERI 611-2. Euiryeong Gun Gyeongsang Nam Do.
- 408256. KAERI 612-1. Masan Gun, Gyeongsang Nam Do.
- 408257. KAERI 612-2. Masan Gun, Gyeongsang Nam Do.
- 408258. KAERI 612-3. Masan Gun, Gyeongsang Nam Do.
- 408259. KAERI 612-4. Masan Gun, Gyeongsang Nam Do.

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- 408260. KAERI 612-5. Masan Gun, Gyeongsang Nam Do.
- 408261. KAERI 612-6. Masan Gun, Gyeongsang Nam Do.
- 408262. KAERI 612-7. Masan Gun, Gyeongsang Nam Do.
- 408263. KAERI 612-8. Masan Gun, Gyeongsang Nam Do.
- 408264. KAERI 612-9. Masan Gun, Gyeongsang Nam Do.
- 408265. KAERI 612-11. Masan Gun, Gyeongsang Nam Do.
- 408266. KAERI 612-12. Masan Gun, Gyeongsang Nam Do.
- 408267. KAERI 613-1. Haman Gun, Gyeongsang Nam Do.
- 408268. KAERI 613-2. Haman Gun, Gyeongsang Nam Do.
- 407269. KAERI 613-3. Haman Gun, Gyeongsang Nam Do.
- 408270. KAERI 613-4. Haman Gun, Gyeongsang Nam Do.
- 408271. KAERI 613-5. Haman Gun, Gyeongsang Nam Do.
- 408272. KAERI 613-6. Haman Gun, Gyeongsang Nam Do.
- 408273. KAERI 620-1. Samcheonpo Gun, Gyeongsang Nam Do.
- 408274. KAERI 620-2. Samcheonpo Gun, Gyeongsang Nam Do.
- 408275. KAERI 620-3. Samcheonpo Gun, Gyeongsang Nam Do.
- 408276. KAERI 620-4. Samcheonpo Gun, Gyeongsang Nam Do.
- 408277. KAERI 622-1. Hadong Gun, Gyeongsang Nam Do.
- 408278. KAERI 622-2. Hadong Gun, Gyeongsang Nam Do.
- 408279. KAERI 622-3. Hadong Gun, Gyeongsang Nam Do.
- 408280. KAERI 622-4. Hadong Gun, Gyeongsang Nam Do.
- 408281. KAERI 622-5. Hadong Gun, Gyeongsang Nam Do.
- 408282. KAERI 624-1. Jinju Gun, Gyeongsang Nam Do.
- 408283. KAERI 624-2. Jinju Gun, Gyeongsang Nam Do.
- 408284. KAERI 624-3. Jinju Gun, Gyeongsang Nam Do.
- 408285. KAERI 624-4. Jinju Gun, Gyeongsang Nam Do.
- 408286. KAERI 624-5. Jinju Gun, Gyeongsang Nam Do.
- 408287. KAERI 624-6. Jinju Gun, Gyeongsang Nam Do.
- 408288. KAERI 624-7. Jinju Gun, Gyeongsang Nam Do.
- 408289. KAERI 624-8. Jinju Gun, Gyeongsang Nam Do.
- 408290. KAERI 624-9. Jinju Gun, Gyeongsang Nam Do.
- 408291. KAERI 624-10. Jinju Gun, Gyeongsang Nam Do.
- 408292. KAERI 624-11. Jinju Gun, Gyeongsang Nam Do.
- 408293. KAERI 624-12. Jinju Gun, Gyeongsang Nam Do.
- 408294. KAERI 624-13. Jinju Gun, Gyeongsang Nam Do.
- 408295. KAERI 624-14. Jinju Gun, Gyeongsang Nam Do.
- 408296. KAERI 624-15. Jinju Gun, Gyeongsang Nam Do.
- 408297. KAERI 624-16. Jinju Gun, Gyeongsang Nam Do.
- 408298. KAERI 624-17. Jinju Gun, Gyeongsang Nam Do.
- 408299. KAERI 624-18. Jinju Gun, Gyeongsang Nam Do.
- 408300. KAERI 625-1. Sancheong Gun, Gyeongsang Nam Do.
- 408301. KAERI 625-2. Sancheong Gun, Gyeongsang Nam Do.

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- 408302. KAERI 625-3. Sancheong Gun, Gyeongsang Nam Do.
- 408303. KAERI 625-4. Sancheong Gun, Gyeongsang Nam Do.
- 408304. KAERI 625-5. Sancheong Gun, Gyeongsang Nam Do.
- 408305. KAERI 625-6. Sancheong Gun, Gyeongsang Nam Do.
- 408306. KAERI 625-7. Sancheong Gun, Gyeongsang Nam Do.
- 408307. KAERI 625-8. Sancheong Gun, Gyeongsang Nam Do.
- 408308. KAERI 625-9. Sancheong Gun, Gyeongsang Nam Do.
- 408309. KAERI 625-10. Sancheong Gun, Gyeongsang Nam Do.
- 408310. KAERI 626-1. Habcheon Gun, Gyeongsang Nam Do.
- 408311. KAERI 626-3. Habcheon Gun, Gyeongsang Nam Do.
- 408312. KAERI 626-4. Habcheon Gun, Gyeongsang Nam Do.
- 408313. KAERI 626-5. Habcheon Gun, Gyeongsang Nam Do.
- 408314. KAERI 626-6. Habcheon Gun, Gyeongsang Nam Do.
- 408315. KAERI 626-7. Habcheon Gun, Gyeongsang Nam Do.
- 408316. KAERI 634-1. Yangsan Gun, Gyeongsang Nam Do.
- 408317. KAERI 634-2. Yangsan Gun, Gyeongsang Nam Do.
- 408318. KAERI 634-3. Yangsan Gun, Gyeongsang Nam Do.
- 408319. KAERI 634-4. Yangsan Gun, Gyeongsang Nam Do.
- 408320. KAERI 635-1-1. Ulsan Gun, Gyeongsang Nam Do.
- 408321. KAERI 635-2-1. Ulsan Gun, Gyeongsang Nam Do.
- 408322. KAERI 635-3. Ulsan Gun, Gyeongsang Nam Do.
- 408323. KAERI 635-4. Ulsan Gun, Gyeongsang Nam Do.
- 408324. KAERI 635-5. Ulsan Gun, Gyeongsang Nam Do.
- 408325. KAERI 635-6. Ulsan Gun, Gyeongsang Nam Do.
- 408326. KAERI 635-7. Ulsan Gun, Gyeongsang Nam Do.
- 408327. KAERI 646-1 Geochang Gun, Gyeongsang Nam Do.
- 408328. KAERI 646-2. Geochang Gun, Gyeongsang Nam Do.
- 408329. KAERI 646-3. Geochang Gun, Gyeongsang Nam Do.
- 408330. KAERI 646-4. Geochang Gun, Gyeongsang Nam Do.
- 408331. KAERI 646-5. Geochang Gun, Gyeongsang Nam Do.
- 408332. KAERI 646-6. Geochang Gun, Gyeongsang Nam Do.
- 408333. KAERI 646-7. Geochang Gun, Gyeongsang Nam Do.
- 408334. KAERI 646-8. Geochang Gun, Gyeongsang Nam Do.
- 408335. KAERI 646-9. Geochang Gun, Gyeongsang Nam Do.
- 408336. KAERI 646-10. Geochang Gun, Gyeongsang Nam Do.
- 408337. KAERI 590-1. Jeju Gun, Jeju Do.
- 408338. KAERI 590-2. Jeju Gun, Jeju Do.
- 408339. KAERI 590-3. Jeju Gun, Jeju Do.
- 408340. KAERI 590-4. Jeju Gun, Jeju Do.
- 408341. KAERI 590-5. Jeju Gun, Jeju Do.
- 408342. KAERI 590-6. Jeju Gun, Jeju Do.
- 408343. KAERI 590-7. Jeju Gun, Jeju Do.

407849 to 408345—Continued**408344.** KAERI 590-8. Jeju Gun, Jeju Do.**408345.** KAERI 590-9. Jeju Gun, Jeju Do.**408346 and 408347.** PSOPHOCARPUS TETRAGONOLOBUS (L.)
DC. Fabaceae. **Goa bean.**

From Nigeria. Seed presented by H. C. Wien, International Institute of Tropical Agriculture, Ibadan, Received March 29, 1976.

408346. 'Tpt 1'. Vigorous plants. Leaves ovate lanceolate, light green, large. Pods very large with blotched purple wings. Seed large, dark brown, high yield.**408347.** 'Tpt 2'. Vigorous plants. Leaves small, medium dark green. Pods medium large. Seed medium, dark brown, high yield. Good dry tuber yield.**408348 and 408349.** ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Philippines. Seed presented by N. G. Mamicpic, Department of Agronomy, University of the Philippines, College, Laguna. Received April 22, 1976.

408348. 15. 'Dagupan Cream'. Los Banos, Philippines.**408349.** 19. 'Kidang'. Institute of Agricultural Research, Bogor, Java, Indonesia.**408350 to 408685.** ORYZA SATIVA L. Poaceae. **Rice.**

From Philippines. Seed presented November 1975 by International Rice Research Institute, Los Banos, Laguna. Seed from the International Rice Observational Nursery. Numbered June 7, 1976.

408350. BR1-2B-40-3. Bangladesh.**408351.** BR1-15-B-1. Bangladesh.**408352.** BR2-29-2-8-1. Bangladesh.**408353.** BR3-12-B-15-33. Bangladesh.**408354.** BR3-12-B-15-40. Bangladesh.**408355.** BR20-28-2. Bangladesh.**408356.** BR34-13-5. Bangladesh.**408357.** BR43-11-2. Bangladesh.**408358.** BR51-46-5. Bangladesh.**408359.** BR51-49-6. Bangladesh.**408360.** BR51-53-5. Bangladesh.**408361.** BR51-67-1. Bangladesh.**408362.** BR51-67-1/CI. Bangladesh.**408363.** BR51-74-2. Bangladesh.**408364.** BR44-11-1. Bangladesh.**408365.** BR51-114-2. Bangladesh.**408366.** BR51-118-2. Bangladesh.**408367.** BR51-199-1. Bangladesh.**408368.** BR51-200-1. Bangladesh.**408369.** BR51-243-1. Bangladesh.

408350 to 408685—Continued

- 408370. BR51-245-1. Bangladesh.
- 408371. BR51-319-9. Bangladesh.
- 408372. BR51-331-4. Bangladesh.
- 408373. BR52-8-1. Bangladesh.
- 408374. BR52-90-2. Bangladesh.
- 408375. X69-56-12-10-6-3. Burma.
- 408376. X69-97-3-3-2-1. Burma.
- 408377. P738-97-3-1. Colombia.
- 408378. CR 1113. Costa Rica.
- 408379. Giza 172. Egypt.
- 408380. B9b-TK-23-5-5. Indonesia.
- 408381. B58b-Mr-105-2. Indonesia.
- 408382. B151d-Kn-19-3-1. Indonesia.
- 408383. B189b-29-4-3-1. Indonesia.
- 408384. B189b-52-8-3-1. Indonesia.
- 408385. B441b-24-4-5-1. Indonesia.
- 408386. TG 37. Indonesia.
- 408387. B441b-126-2-3-1. Indonesia.
- 408388. B441b-190-1-1-3. Indonesia.
- 408389. B453b-49-4-2-3. Indonesia.
- 408390. B453b-49-4-2-1. Indonesia.
- 408391. B459b-Pn-4-5-6-1. Indonesia.
- 408392. B459b-Pn-4-5-6-3. Indonesia.
- 408393. B459b-Pn-4-5-6-5. Indonesia.
- 408394. B459b-Pn-4-5-7-5. Indonesia.
- 408395. B459b-Pn-132-3-5. Indonesia.
- 408396. B459b-Pn-132-8-1. Indonesia.
- 408397. B461b-Pn-3-2-5. Indonesia.
- 408398. B541b-Kn-58-5-3. Indonesia.
- 408399. B541b-Kn-112-2-2. Indonesia.
- 408400. B542b-Pn-71-4-3. Indonesia.
- 408401. B462b-Pn-31-2. Indonesia.
- 408402. B462b-Pn-1-3. Indonesia.
- 408403. Tongil. Korea.
- 408404. Murni. Malaysia.
- 408405. Pulot Malaysia I. Malaysia.
- 408406. Mahsuri. Malaysia.
- 408407. Joachin A74. Mexico.
- 408408. Parwarnipur I. Nepal.
- 408409. IR578-95-1-3. Nigeria.
- 408410. Huallaga. Peru.
- 408411. C4-63.
- 408412. IR747-B2-6.

408350 to 408685—Continued

- 408413. IR789-98-2-3-2-2.
- 408414. IR1487-372-4.
- 408415. IR1514A-E562-2.
- 408416. IR1514A-E597-2.
- 408417. IR1544-181-1-1.
- 408418. IR1544-340-6-1.
- 408419. IR1561-228-3-3.
- 408420. IR1614-138-1-3-3.
- 408421. IR1614-389-1-1.
- 408422. IR1632-93-2-2.
- 408423. IR1704-13-3-2.
- 408424. IR1721-11-6-8-3-6.
- 408425. IR1820-210-2.
- 408426. IR1857-103-2-2.
- 408427. IR2031-238-4-2-2-3.
- 408428. IR2031-354-1-3-3.
- 408429. IR2034-238-1-2-3.
- 408430. IR2035-255-2-3-1.
- 408431. IR2035-290-2-3-1.
- 408432. IR2035-487-3-3.
- 408433. IR2042-102-2-103-2.
- 408434. IR2042-175-3-2-2.
- 408435. IR2049-120-2-3-3.
- 408436. IR2053-241-3-2-3.
- 408437. IR2053-362-1-4-4.
- 408438. IR2053-375-1-1-5.
- 408439. IR2055-462-3-2-3.
- 408440. IR2055-481-2-6-2.
- 408441. IR2058-74-2-1.
- 408442. IR2061-228-3-9.
- 408443. IR2061-522-6-9.
- 408444. IR2063-65-2-1.
- 408445. IR2063-87-1-2.
- 408446. IR2063-152-3-2.
- 408447. IR2063-185-2-2.
- 408448. IR2068-65-3.
- 408449. Purple check.
- 408450. IR2070-178-2-3.
- 408451. IR2070-210-3-3-4.
- 408452. IR2070-288-2-2-5.
- 408453. IR2070-320-6-5-3.
- 408454. IR2070-439-3-4.
- 408455. IR2070-511-3-6-3.

408350 to 408685—Continued

- 408456. IR2070-464-1-3.
- 408457. IR2070-614-6-4.
- 408458. IR2070-796-1-4-3.
- 408459. IR2070-834-1-2-2.
- 408460. IR2070-863-1.
- 408461. IR2071-77-9-3-5.
- 408462. IR2071-105-9-1.
- 408463. IR2071-176-1-2-1.
- 408464. IR2071-176-1-5-2.
- 408465. IR2071-251-1-1-3.
- 408466. IR2071-527-3-1-5.
- 408467. IR2071-542-3-1.
- 408468. IR2071-586-5-6-3.
- 408469. IR2071-837-7-6-5.
- 408470. IR2073-170-3-3-1.
- 408471. IR2076-67-3-5.
- 408472. IR2151-598-3-5.
- 408473. IR2151-745-3-1.
- 408474. IR2151-957-5-3-7.
- 408475. IR2153-43-2-5-4.
- 408476. IR2153-43-2-5-4.
- 408477. IR2153-550-2-6.
- 408478. IR2172-15-1-1.
- 408479. IR2172-64.
- 408480. IR2177-19-5-2.
- 408481. IR2307-62-4-1.
- 408482. IR2307-117-2-1.
- 408483. IR2307-217-2-3.
- 408484. IR2328-27-3-6.
- 408485. IR2328-198-1-1.
- 408486. IR2328-300-2-2.
- 408487. IR2415-20-3-2.
- 408488. IR2415-49-6-1.
- 408489. IR2415-90-4-1.
- 408490. IR2415-183-6-2.
- 408491. IR2560-130-2
- 408492. IR2561-58-1.
- 408493. IR2562-17-4.
- 408494. IR2562-69-4-1.
- 408495. IR2564-155-1.
- 408496. IR2588-5-1-2.
- 408497. IR2588-19-1-1.
- 408498. IR2588-48-3.
- 408499. IR2588-60-1.

408350 to 408685—Continued

- 408500. IR2588-132-1-2.
- 408501. IR2681-34-5-6.
- 408502. IR2681-90-4.
- 408503. IR2681-112-6-3.
- 408504. IR2681-118-1-5.
- 408505. IR2681-163-5-2.
- 408506. IR2688-43-4-3.
- 408507. IR2706-3-3.
- 408508. IR2706-11-2.
- 408509. IR2706-31-4.
- 408510. IR2754-E1-5-6-3.
- 408511. IR2755-E1-5-2-4.
- 408512. IR2755-E2-11-1-4.
- 408513. IR2757-E2-1-2-1.
- 408514. IR2760-E1-33-1-2.
- 408515. IR2763-E1-1-2-1.
- 408516. IR2768-11-133-2-914-2.
- 408517. IR2786-120-1.
- 408518. IR2793-8-3.
- 408519. IR2793-15-2.
- 408520. IR2793-80-1.
- 408521. IR2796-95-1.
- 408522. IR2797-86-1.
- 408523. IR2797-98-4.
- 408524. IR2797-115-3.
- 408525. IR2797-156-3.
- 408526. IR2798-86-6.
- 408527. IR2798-88-3.
- 408528. IR2798-109-3.
- 408529. IR2798-115-2.
- 408530. IR2811-24-3.
- 408531. IR2815-39-1.
- 408532. IR2823-74-3.
- 408533. IR2843-26-3.
- 408534. IR2843-79-2.
- 408535. IR2844-5-2.
- 408536. IR2844-27-2.
- 408537. IR2851-41-3.
- 408538. IR2851-53-2.
- 408539. IR2854-23-4.
- 408540. IR2863-21-2.
- 408541. IR2863-22-3.
- 408542. IR2863-31-3.

408350 to 408685—Continued

- 408543. IR2863-35-3.
- 408544. IR2863-38-1.
- 408545. IR2863-39-2.
- 408546. IR2863-48-2.
- 408547. IR2865-1-5.
- 408548. IR2865-1-6.
- 408549. Purple check.
- 408550. IR2871-53-2.
- 408551. IR3264-13-158-2-935-3.
- 408552. IR3265-112-1-2.
- 408553. IR3265-138-2-5.
- 408554. A12-167-3.
- 408555. BG 11-11.
- 408556. BG32-2.
- 408557. BG35-2.
- 408558. BG94-2.
- 408559. BW191.
- 408560. BW196.
- 408561. Chianung-sen-yu 6. Taiwan.
- 408562. Chianung-sen-yu 8. Taiwan.
- 408563. BKN 6323-17. Thailand.
- 408564. BKN 6819-33-3-2-1-3. Thailand.
- 408565. BKN 6819-33-3-2-2-3. Thailand.
- 408566. BKN 6820-4-1-3. Thailand.
- 408567. BKN 6820-6-3-2. Thailand.
- 408568. RD 5. Thailand.
- 408569. SPR 6726-76-2-3. Thailand
- 408570. CR 120-1. India.
- 408571. FH 355. India.
- 408572. IET 1789. India.
- 408573. Jaya. India.
- 408574. R 2389. India.
- 408575. Sona. India.
- 408576. UPR-4-25-1. India.
- 408577. UPR-69-5-1. India.
- 408578. UPR-70-30-7. India.
- 408579. B57C-Md-10-2, 3rd IRYN Early.
- 408580. B9C-Md-3-3, 3rd IRYN Early.
- 408581. IR28, 3rd IRYN Early.
- 408582. IR2031-724-2-3-4, 3rd IRYN Early.
- 408583. IR2061-465-1-5-5, 3rd IRYN Early.
- 408584. IR2061-628-1-6-4-3, 3rd IRYN Early.
- 408585. IR2070-414-3-9, 3rd IRYN Early.

408350 to 408685—Continued

- 408586. IR2071-625-1-252, 3rd IRYN Early.
- 408587. IR2071-636-5-5, 3rd IRYN Early.
- 408588. Chianung-sen 11, 3rd IRYN Early.
- 408589. IR30 (check), 3rd IRYN Early.
- 408590. IR1561-228-3-3, 3rd IRYN Early.
- 408591. Biplab, 3rd IRYN Early.
- 408592. IET 2254 (RP4-14), 3rd Late.
- 408593. IET 2895 (RP9-4), 3rd Late.
- 408594. IET 2938 (RP502-3), 3rd Late.
- 408595. Jayanti (IET 1039), 3rd Late.
- 408596. B452b-290-2-1-3, 3rd Late.
- 408597. Pelita 1/1, 3rd IRYN Late.
- 408598. C168-134, 3rd IRYN Late.
- 408599. IR1632-93-2-2, 3rd IRYN Late.
- 408600. IR2058-78-1-3-2-3, 3rd IRYN Late.
- 408601. IR2061-213-2-17, 3rd IRYN Late.
- 408602. IR2061-464-2-4-4-6, 3rd IRYN Late.
- 408603. IR2070-423-2-5-6, 3rd IRYN Late.
- 408604. IR2070-747-6-3-2, 3rd IRYN Late.
- 408605. IR2071-588-5-4-5, 3rd IRYN Late.
- 408606. IR2153-26-3-5-6, 3rd IRYN Late.
- 408607. Sri Malaysia I, 3rd IRYN Late.
- 408608. BG90-2, 3rd IRYN Late.
- 408609. BG94-1, 3rd IRYN Late.
- 408610. BKN 6809-74-40, 3rd IRYN Late.
- 408611. PMI 6624-257-1, 3rd IRYN Late.
- 408612. SPR 6726-134-2-26, 3rd IRYN Late.
- 408613. IR1544-238-2-3. Blast Resistant.
- 408614. IR1909-1-3-3, Blast resistant.
- 408615. IR2035-290-2-1-3. Blast resistant.
- 408616. IR2035-250-3-2-2. Blast resistant.
- 408617. IR1487-372-1-1 (Sus. check). Sheath blight resistant.
- 408618. Bahagia (Res. check). Sheath blight.
- 408619. IR3265-P191 (Sus. check). Brown Spot.
- 408620. IR480-5-9-3 (Sus. check). Bacterial blight resistant.
- 408621. IR22. Bacterial blight resistant.
- 408622. IR26. Bacterial blight resistant.
- 408623. IR1520-680-3-2. Bacterial blight resistant.
- 408624. RP291-7. Bacterial blight resistant.
- 408625. IR1545-339-2-2. Bacterial blight resistant.
- 408626. IR2848-26-1. Bacterial blight resistant.
- 408627. RP633-200-1-7-4. Bacterial blight resistant.
- 408628. IR944-102-2-3-2, Bacterial blight resistant.

408350 to 408685—Continued

- 408629. TN1. Tungro virus resistant.
- 408630. IR20. Tungro virus resistant.
- 408631. IR825-11-2-2-1, Tungro virus resistant.
- 408632. IR1364-37-3-1. Tungro virus resistant.
- 408633. IR1702-74-3-2. Tungro virus resistant.
- 408634. IR2061-427-1-17-7-5. Tungro virus resistant.
- 408635. IR2053-521-1-1 (Sus. check). Grassy stunt virus resistant.
- 408636. IR1721-11-13-25-2-3 (Res. check). Grassy stunt virus resistant.
- 408637. IR26. Grassy stunt virus resistant.
- 408638. Cica 4. Hoja Blanca resistant.
- 408639. IR20 (Sus. check). Resistant to brown plant hoppers.
- 408640. IR1539-823-1-4. Resistant to brown plant hoppers.
- 408641. IR26. Resistant to brown plant hoppers.
- 408642. IR1514A-E597. Resistant to brown plant hoppers.
- 408643. IR1628-632. Resistant to brown plant hoppers.
- 408644. CR94-13. Resistant to brown plant hoppers.
- 408645. IR2070-199-3-6-6. Resistant to brown plant hoppers.
- 408646. IR22 (Sus. check). GLH resistant.
- 408647. IR5491-4-80. GLH resistant.
- 408648. IR5492-2-147. GLH resistant.
- 408649. Purple check. GLH resistant.
- 408651. RPW6-12. GM resistant.
- 408652. Kakatiya. GM resistant.
- 408653. Ob5.877. GM resistant.
- 408654. IR1820-52-2-4-1. Stem borer resistant.
- 408655. IR2070-24-1-4-5. Stem borer resistant.
- 408656. IR2070-820-2-3. Stem borer resistant.
- 408657. IR20. Stem borer resistant.
- 408658. IET 2845 (RP6-1809). Stem borer resistant.
- 408659. IR2153-15-1-10. Alkali tolerant.
- 408660. IR2031-114-2-3. Alkali tolerant.
- 408661. IR2151-957-5-3. Salt tolerant.
- 408662. IR2153-26-3-5-2. Salt tolerant.
- 408663. IR1561-243-5-6. Salt tolerant.
- 408664. Pokkali. Salt tolerant.
- 408665. M1-48. Salt tolerant.
- 408666. IET 1444. Salt tolerant.
- 408667. IR2153-550-2-6-3. Salt tolerant.
- 408668. IR20. Salt tolerant.
- 408669. IR8. Salt tolerant.
- 408670. China 1039. Salt tolerant.
- 408671. Kn-1h-361-1-8-6. Salt tolerant.
- 408672. JP5. Salt tolerant.

408350 to 408685—Continued

408673. KLG 6986-161-7. Salt tolerant.
 408674. KLG 6986-177. Salt tolerant.
 408675. KLG 6987-59. Salt resistant.
 408676. KLG 6987-133-2. Salt resistant.
 408677. KLG 6987-216-4. Salt resistant.
 408678. IR480-5-9-3. Salt resistant.
 408679. IR1917-3-10-3. Salt resistant.
 408680. IR1917-3-9-2. Salt resistant.
 408681. IR2003-P5-5-3. Salt resistant.
 408682. IR2003-P4-7-4. Salt resistant.
 408683. IR2006-P12-12-2. Salt resistant.
 408684. IR2153-338-3. Salt resistant.
 408685. IR442-2-58. Drought tolerant.

408686. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Israel. Seed presented by A. Ashri, Faculty of Agriculture, Hebrew University of Jerusalem, Rehovot. Received April 1, 1976.

No. 73-5880. Trisomic. Mutant form induced in Israel variety 'Congo' by treatment of aerial pegs with the chemical mutagen acriflavin. Does not breed true.

408687 to 408698. CAJANUS CAJAN (L.) Millsp. Fabaceae.**Pigeonpea.**

From Trinidad. Seed presented by R. P. Ariyanayagam, Grain Legume Program, Department of Biological Sciences, University of the West Indies, St. Augustine. Received April 19, 1976.

408687. '75-49'. Early maturity grain type.
 408688. '75-152'. Early maturity grain type.
 408689. '6973'. Early maturity grain selection.
 408690. '7018'. Early maturity grain selection.
 408691. '7179'. Early maturity grain selection.
 408692. '7220'. Early maturity grain selection.
 408693. 'M75-221'. Medium maturity grain type.
 408694. 'M75-298'. Medium maturity grain type.
 408695. 'UWI-2'. Forage type.
 408696. 'UWI-20'. Forage type.
 408697. 'UWI-22'. Forage type.
 408698. 'UWI-38'. Forage type

408699 and 408700. ZEA MAYS L. Poaceae. Corn.

From United States. Seed presented May 1973 by S. A. Eberhart, Department of Agronomy, Iowa State University, Ames, Iowa. Numbered April 2, 1976.

408699 and 408700—Continued

408699. A-1703. 'Coroico Composite'. Composite of 52 lines of 'Coroico Blanco', 'Coroico Amarillo', and 'Coroico' from Bolivia. Two of the races have the "interlocking" characteristic where pairs of kernel rows usually alternate or interlock, instead of growing side by side. Seed increased in Puerto Rico.

408700. A-1704. 'Piricincó Composite'. Composite of 11 lines from Peru, and 3 from Mexico, but also originating in Peru. Two of the races have the "interlocking" characteristic where pairs of kernel rows usually alternate or interlock instead of growing side by side. Seed increased in Puerto Rico.

408701 to 408704. PHOENIX RECLINATA Jacq. Areaceae.**Senegal date palm.**

From Botswana. Seed presented by J. Belian, Maun through Seed Exchange Service, Plant Production and Protection Division, Food and Agriculture Organization, United Nations, Rome, Italy. Received March 12, 1976.

408701. FAO 38.198.

408702. FAO 38.199.

408703. FAO 38.200.

408704. FAO 38.201.

408705. ZEA MAYS L. Poaceae.**Corn.**

From United States. Seed presented April 1973 by S. A. Eberhart and A. R. Hallauer, Department of Agronomy, Iowa State University, Ames, Iowa. Numbered April 2, 1976.

A-1705. 'Reid's Yellow Dent'. Grown by Nelson Shields, Grand River, Iowa. Mass selection for ear and plant type prior to use of hybrid seed. In recent years this variety has been maintained with reasonable good isolation and seed increased every two to four years.

408706 to 408708. ZEA MAYS L. Poaceae.**Corn.**

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received February 2, 1976.

408706. 'Hybrid Kooperativnyj I'.

408707. 'Hybrid Kooperativnyj II'.

408708. 'Rannespelaja 3-56'.

408709. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Uganda. Seed presented by C. M. Busolo Bulafu, Groundnut Breeder, Vidyapeeth, Jalgaon, Maharashtra State. Received May 3, 1976. 'Small Leaf Mutant'.

408710 to 408725. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Uganda. Seed presented by C. M. Busolo Bulafu, Groundnut Breeder, Serere Department of Agriculture, Soroti. Received April 8, 1976.

408710. 'B1'.

408715. 'B6'.

408711. 'B2'.

408716. 'B7'.

408712. 'B3'.

408717. 'B8'.

408713. 'B4'.

408718. 'B9'.

408714. 'B5'.

408719. 'B10'.

408710 to 408725—Continued**408720.** 'B11'.**408723.** 'B14'.**408721.** 'B12'.**408724.** 'B15'.**408722.** 'B13'.**408725.** 'Red Beauty'.**408726. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.**

From France. Seed presented by M. Rollier, Centre Technique Interprofessional des Oleagineux Metropolitain, Paris. Received March 9, 1976.
'Relax'.

408727 to 408749. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Senegal. Seed of white-seeded genotypes presented by B. Garet, Centre de Recherches Agronomique, Bambey. Received March 11, 1976.

408727. Senegal 32-11. Gambia. Chimbuwila, runner type. Growth cycle 120 days.**408728.** Senegal 55-117. Argentina. Valencia, erect type. Growth cycle 90 days.**408729.** Senegal 57-149. Brazil. Spanish, erect type. Growth cycle 90 days.**408730.** Senegal 57-161. Australia. Valencia, erect type, Growth cycle 90 days.**408731.** Senegal 57-204. South Africa. Natal, erect type. Growth cycle 90 days.**408732.** Senegal 58-622. United States. Large Spanish, erect type. Growth cycle 90 days.**408733.** Senegal 58-644. Brazil. Long Manyema, erect type. Growth cycle 90 days.**408734.** Senegal 58-670. Formosa. Long Manyema, erect type. Growth cycle 105 days.**408735.** Senegal 59-216. Guinea. Natal Runner, runner type. Growth cycle 120 days.**408736.** Senegal 59-217. Senegal. Natal Runner, runner type. Growth cycle 120 days.**408737.** Senegal 59-230. Ivory Coast. Castle Gary, erect type. Growth cycle 120 days.**408738.** Senegal 59-231. Haute-Volta. Georgia, erect type. Growth cycle 120 days.**408739.** Senegal 59-233. Niger. Large Spanish, erect type. Growth cycle 90 days.**408740.** Senegal 59-234. Niger. Large Spanish, erect type. Growth cycle 90 days.**408741.** Senegal 59-236. Ivory Coast. Georgia, erect type. Growth cycle 120 days.**408742.** Senegal 61-29. Australia. Long Manyema, erect type. Growth cycle 90 days.**408743.** Senegal 61-32. Brazil. Large Spanish, erect type. Growth cycle 90 days.**408744.** Senegal 61-38. Zaire. Large Spanish, erect type. Growth cycle 90 days.**408745.** Senegal 61-58. Chad. Georgia, runner type. Growth cycle 120 days.

408727 to 408749—Continued

- 408746.** Senegal 61-118. Martinique. Large Spanish, erect type. Growth cycle 105 days
408747. Senegal PI-851. Senegal. Indian Runner, runner type. Growth cycle 100 days.
408748. Senegal PI-886. India. Spanish, erect type. Growth cycle 90 days.
408749. Senegal CTH71/667. Senegal. Large Spanish, erect type. Growth cycle 90 days.

408750 to 408800.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received April 6, 1976.

- 408750 to 408773.** GOSSYPIMUM ARBOREUM L. Malvaceae. **Ceylon cotton.**
- 408750.** VIR 180. No. 26. Pakistan.
408751. VIR 183. Roseum. Pakistan.
408752. VIR 887. 27 W.h. Pakistan.
408753. VIR 905. Roseum. Pakistan.
408754. VIR 920. Company No. 3. India.
408755. VIR 946. Mi-Toc. People's Republic of China.
408756. VIR 1038. Mayor n 21 n 1 11/26. Pakistan.
408757. VIR 1040. No. 78, NT 11/26. Pakistan.
408758. VIR 1156. Japan.
408759. VIR 1161. Koresu. Iran.
408760. VIR 1186. India.
408761. VIR 1198. Type 9. India.
408762. VIR 1217. India.
408763. VIR 3647. Small sport, ANBC-2. India.
408764. VIR 3648. Kokati narrow, ANBC-4. India.
408765. VIR 3649. Sanguineum-1, ANBU-1. India.
408766. VIR 3654. Aligarh A19, ANBU-12. India.
408767. VIR 3661. 27 WN, ANBU-28. Pakistan.
408768. VIR 3674. Mutant intermediate, ANCB-7. Pakistan.
408769. VIR 3681. Chin-wa-ANCB-18. India.
408770. VIR 3684. Chinese naked ANCC-8. People's Republic of China.
408771. VIR 3687. Chinese pale, ANCC-4. People's Republic of China.
408772. VIR 3693. Tseng-Ting ANCC-38. People's Republic of China.
408773. VIR 4083. Mexico.
- 408774 to 408800.** GOSSYPIMUM HERBACEUM L. **Levant cotton.**
- 408774.** VIR 387. Afghanistan.
408775. VIR 393. Krasnyj mak. Afghanistan.
408776. VIR 415. Guza. Afghanistan.
408777. VIR 417. Afghanistan.
408778. VIR 434. Pembe. Afghanistan.
408779. VIR 449. Iran.
408780. VIR 454. Guza. Turkmenia.

408750 to 408800—Continued

408774 to 408800—Continued

- 408781. VIR 478. Uzbekistan.
- 408782. VIR 581. Iran.
- 408783. VIR 590. Mallia. Iran.
- 408784. VIR 594. Turkey.
- 408785. VIR 598. Turkey.
- 408786. VIR 621. Turkey.
- 408787. VIR 625. Turkey.
- 408788. VIR 884. Kapas Bailol Kalting. Indonesia.
- 408789. VIR 947. Guza Zeltaja. Turkmenia.
- 408790. VIR 973. People's Republic of China.
- 408791. VIR 978. Dzoudori Kejse. Afghanistan.
- 408792. VIR 980. People's Republic of China.
- 408793. VIR 1002. Guza, Uzbekistan.
- 408794. VIR 1048. India.
- 408795. VIR 1173. Uzbekistan.
- 408796. VIR 1211. Africa.
- 408797. VIR 3655. Cownpore white, ANBU-13. India.
- 408798. VIR 3682. Red winspotless, ANC-1. People's Republic of China.
- 408799. VIR 5196. 02063. Uzbekistan.
- 408800. VIR 5197. 02069. Uzbekistan.

408801 to 408826.

From People's Republic of China. Original seed collected August-September 1974, by J. R. Harlan, Department of Agronomy, University of Illinois, U. S. Plant Sciences Delegation, Committee on Scholarly Communication with People's Republic of China (National Academy of Sciences). Code numbers refer to seed reproduced 1975 in greenhouse at Urbana, Illinois. Received April 1, 1976.

- 408801 to 408803. *ELEUSINE INDICA* (L.) Gaertn. Poaceae. **Goosegrass.**
- 408801. UI 4813. White Cloud mountain, Canton.
- 408802. UI 4814. Edge of Canton.
- 408803. UI 4843. South Canton. Very robust.
- 408804. *IMPATIENS BALSAMINA* L. Balsaminaceae. **Snapweed.**
- UI 4818. Old folks home, Peking.
- 408805. *PANICUM MILIACEUM* L. Poaceae
- UI 4825. Near Peking.
- 408806. *ROTTBOELLIA EXALTATA* L. f. Poaceae. **Itchgrass.**
- UI 4815. White Cloud mountain, Canton.
- 408807 to 408809. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**
- 408807. UI 4826. Peking.
- 408808. UI 4828. Peking.
- 408809. UI 4838. Field between Shensi Agriculture College and Sian, Shensi Province. Growing in field.

408801 to 408826—Continued

408810 and 408811. SETARIA VIRIDIS (L.) Beauv. **Green foxtail.**

408810. UI 4831. South Lake Hotel, Chang Chuen Kirin.

408811. UI 4833. Sian, Shensi Province.

408812 to 408825. SORGHUM BICOLOR (L.) Moench Poaceae.

Grain sorghum.

408812. UI 4819. Headquarters of Academy of Science of Agriculture Forestry, Peking. Growing in a productive field, not experimental. Each branch from different plant.

408813. UI 4820. North of Peking. Growing at Great Wall.

408814. UI 4822. Between Great Wall and Peking.

408815. UI 4823. Peking.

408816. UI 4827. Peking.

408817. UI 4829. Kirin Research Station, Kung Chulin.

408818. UI 4830. Nan Wai Tse Peoples Commune, Kung Chulin, Kirin.

408819. UI 4832. Academy of Agricultural Science and Forestry, Shensi. Each branch from different hybrid.

408820. UI 4834. Between Shensi Agricultural College and Sian, Shensi Province

408821. UI 4835. Shensi Agricultural College, Sian, Shensi Province. Traditional Type 1, 8.5 heads almost broom.

408822. UI 4836. Shensi Agricultural College, Sian, Shensi Province. Traditional Type 2, 8 heads. Each branch from separate plant.

408823. UI 4837. Between Shensi Agricultural College and Sian, Shensi Province.

408824. UI 4841. Shensi Agricultural College, Sian, Shensi Province. Traditional Type 2, 8 heads. Each branch from different plant.

408825. UI 4842. Rainbow Bridge commune, Shanghai.

408826. VIGNA UNGUICULATA subsp. SESQUIPEDALIS (L.) Verdc. Fabaceae.

Yard-long bean.

UI 4816. Commune near Peking.

408827. DIGITARIA (hybrid) Poaceae.

From Hawaii. Cuttings presented by U. Urata, College of Tropical Agriculture, Department of Agronomy and Soil Sciences, Honolulu. Received May 17, 1976.

'Mealani'. *D. decumbens* (P.I. 111110 hexaploid) × *D. pentzii*. Highly resistant to *Puccinia oahuensis*.

408828. MEDICAGO SATIVA L. Fabaceae.

Alfalfa.

From Sweden. Seed presented by Weibullsholm Plant Breeding Institute, Landskrona. Received May 18, 1976.

'Vertus'. Developed cooperatively by Disease Resistance Laboratory and Herbage Crop Department. Plants carry large leaves with darker green color than most varieties. Same growth rhythm as other Flemish types. Flowers 2 to 3 days later than Du Puits or mother variety Alfa. High resistance to stem nematodes and *Verticillium* wilt.

- 408829 to 408937. ANDROPOGON GERARDII Vitm. Poaceae.**
Big bluestem.
 From United States. Plant material held by Plant Materials Center, Soil Conservation Service, Knox City, Texas. Numbered May 20, 1976.
- 408829. Kaufman County, Texas. Elevation 115 m. October 1968.
 - 408830. Cooke County, Texas. Elevation 242 m. October 1968.
 - 408831. Cooke County, Texas. Elevation 273 m. November 1968.
 - 408832. Tarrant County, Texas. Elevation 242 m. November 1968.
 - 408833. Seminole County, Oklahoma. Elevation 291 m. November 1969.
 - 408834. Grady County, Oklahoma. Elevation 358 m. October 1969.
 - 408835. Goliad County, Texas. Elevation 45 m. November 1969.
 - 408836. Refugio County, Texas. Elevation 9 m. November 1969.
 - 408837. Le Flore County, Oklahoma. Elevation 182 m. November 1969.
 - 408838. Nueces County, Texas. Elevation 27 m. November 1969.
 - 408839. Refugio County, Texas. Elevation 9 m. October 1970.
 - 408840. Bowie County, Texas. Elevation 87 m. October 1970.
 - 408841. Calhoun County, Texas. Elevation 2 m. October 1970.
 - 408842. Johnson County, Texas. Elevation 227 m. October 1970.
 - 408843. Burleson County, Texas. Elevation 89 m. November 1970.
 - 408844. Navarro County, Texas. Elevation 132 m. November 1970.
 - 408845. Kenedy County, Texas. Elevation 15 m. October 1970.
 - 408846. Pope County, Arkansas. Elevation 188 m. October 1970.
 - 408847. Searcy County, Arkansas. November 1970.
 - 408848. Yell County, Arkansas. Elevation 197 m. October 1970.
 - 408849. Sebastian County, Arkansas. Elevation 145 m. November 1970.
 - 408850. Franklin County, Arkansas. Elevation 114 m. November 1970.
 - 408851. Franklin County, Arkansas. Elevation 114 m. November 1970.
 - 408852. Franklin County, Arkansas. Elevation 273 m. November 1970.
 - 408853. Polk County, Arkansas. Elevation 758 m. October 1970.
 - 408854. Van Buren County, Arkansas. Elevation 258 m. November 1970.
 - 408855. Van Buren County, Arkansas. Elevation 182 m. November 1970.
 - 408856. Faulkner County, Arkansas. Elevation 91 m. November 1970.
 - 408857. Faulkner County, Arkansas. Elevation 91 m. October 1970.
 - 408858. Faulkner County, Arkansas. Elevation 91 m. October 1970.
 - 408859. Baxter County, Arkansas. November 1970.
 - 408860. Johnson County, Arkansas. November 1970.
 - 408861. Goliad County, Texas. Elevation 45 m. October 1970.
 - 408862. Victoria County, Texas. Elevation 35 m. November 1970.
 - 408863. Bowie County, Texas. Elevation 91 m. November 1964.
 - 408864. Angelina County, Texas. Elevation 91 m. November 1964.
 - 408865. Coryell County, Texas. Elevation 303 m. November 1964.
 - 408866. Bell County, Texas. Elevation 242 m. November 1964.
 - 408867. Grayson County, Texas. Elevation 197 m. November 1966.
 - 408868. Wise County, Texas. Elevation 303 m. October 1966.

408829 to 408937—Continued

- 408869. Cooke County, Texas. Elevation 273 m. November 1966.
- 408870. Bowie County, Texas. Elevation 91 m. November 1966.
- 408871. Hopkins County, Texas. Elevation 145 m. October 1966.
- 408872. Brazos County, Texas. Elevation 91 m. November 1966.
- 408873. No locality data. Commercial.
- 408874. No locality data. Commercial.
- 408875. Coryell County, Texas. Elevation 258 m. November 1966.
- 408876. Bell County, Texas. Elevation 152 m. November 1966.
- 408877. Bell County, Texas. Elevation 242 m. March 1967.
- 408878. No locality data. Commercial.
- 408879. Latimer County, Oklahoma. Elevation 197 m. November 1968.
- 408880. Delaware County, Oklahoma. Elevation 313 m. November 1968.
- 408881. Okmulgee County, Oklahoma. Elevation 212 m. October 1968.
- 408882. Cleveland County, Oklahoma. Elevation 361 m. October 1968.
- 408883. Pontotoc County, Oklahoma. October 1968.
- 408884. Okmulgee County, Oklahoma. Elevation 212 m. October 1968.
- 408885. Choctaw County, Oklahoma. Elevation 141 m. October 1968.
- 408886. Haskell County, Oklahoma. Elevation 152 m. October 1968.
- 408887. McCurtain County, Oklahoma. Elevation 142 m. November 1968.
- 408888. Ottawa County, Oklahoma. October 1968.
- 408889. Adair County, Oklahoma. Elevation 315 m. October 1968.
- 408890. Atoka County, Oklahoma. Elevation 182 m. October 1968.
- 408891. Atoka County, Oklahoma. Elevation 280 m. October 1968.
- 408892. Kay County, Oklahoma. Elevation 333 m. October 1968.
- 408893. Kay County, Oklahoma. Elevation 333 m. September 1968.
- 408894. Oklahoma County, Oklahoma. Elevation 295 m. October 1968.
- 408895. Wagoner County, Oklahoma. Elevation 167 m. October 1968.
- 408896. Garvin County, Oklahoma. Elevation 242 m. October 1968.
- 408897. Garvin County, Oklahoma. Elevation 242 m. October 1968.
- 408898. Payne County, Oklahoma. October 1968.
- 408899. Mayes County, Oklahoma. Elevation 195 m. October 1968.
- 408900. Hughes County, Oklahoma. Elevation 242 m. October 1968.
- 408901. Hughes County, Oklahoma. Elevation 242 m. October 1968.
- 408902. Pittsburg County, Oklahoma. Elevation 224 m. November 1968.
- 408903. Pittsburg County, Oklahoma. Elevation 224 m. November 1968.
- 408904. Carter County, Oklahoma. Elevation 241 m. October 1968.
- 408905. Nowata County, Oklahoma. Elevation 217 m. October 1968.
- 408906. Nowata County, Oklahoma. Elevation 218 m. October 1968.
- 408907. Sumner County, Kansas. Elevation 373 m. October 1968.
- 408908. Montgomery County, Kansas. Elevation 248 m. October 1968.
- 408909. Chautauqua County, Kansas. Elevation 304 m. October 1968.
- 408910. Greenwood County, Kansas. Elevation 309 m. October 1968.

408829 to 408937—Continued

- 408911. Butler County, Kansas. Elevation 455 m. October 1968.
- 408912. Neosho County, Kansas. October 1968.
- 408913. Cherokee County, Kansas. Elevation 276 m. October 1968.
- 408914. Creek County, Oklahoma. Elevation 242 m. October 1968.
- 408915. Carroll County, Arkansas. October 1968.
- 408916. Polk County, Arkansas. Elevation 303 m. September 1968.
- 408917. Cass County, Missouri. October 1968.
- 408918. Laclede County, Missouri. October 1968.
- 408919. Barton County, Missouri. October 1968.
- 408920. Barton County, Missouri. October 1968.
- 408921. Barry County, Missouri. October 1968.
- 408922. Christian County, Missouri. October 1968.
- 408923. Red River County, Texas. Elevation 121 m. November 1968.
- 408924. Bowie County, Texas. Elevation 103 m. October 1968.
- 408925. Denton County, Texas. Elevation 182 m. October 1968.
- 408926. Denton County, Texas. Elevation 181 m. October 1968.
- 408927. Denton County, Texas. Elevation 167 m. October 1970.
- 408928. Victoria County, Texas. Elevation 30 m. November 1968.
- 408929. Montague County, Texas. Elevation 303 m. November 1968.
- 408930. Montague County, Texas. Elevation 242 m. October 1968.
- 408931. Montague County, Texas. Elevation 303 m. October 1968.
- 408932. Parker County, Texas. Elevation 318 m. October 1968.
- 408933. Fannin County, Texas. Elevation 197 m. November 1968.
- 408934. Jefferson County, Texas. Elevation 8 m. November 1968.
- 408935. Van Zandt County, Texas. Elevation 164 m. October 1968.
- 408936. Bosque County, Texas. Elevation 258 m. November 1968.
- 408937. Bee County, Texas. Elevation 177 m. October 1968.

408938 to 408944. NICOTIANA TABACUM L. Solanaceae.**Tobacco.**

From United States. Seed held by Tobacco Laboratory, Plant Genetics and Germplasm Institute, Beltsville, Maryland. Received May 19, 1976

- 408938. T.I. 1203. Guatemala.
- 408939. T.I. 1366. 'Dindigal Cherokee'. India.
- 408940. T.I. 1406. 'Virginia Mutant'. Germany.
- 408941. T.I. 1467. 'Cubita Seed'. Colombia.
- 408942. T.I. 1563. 'Texas Cuban'. United States.
- 408943. T.I. 1565. 'Big Cuban'. United States.
- 408944. T.I. 1603. 'Banket A-1'. Rhodesia.

408945 to 408952. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From France. Seed presented by H. Bannerot, Station Central de Genetique et d'Amelioration des Plantes, Versailles. Received March 2, 1976.

406495 to 408952—Continued

408945. 'Confinel'. ('Contender' × 'Fin de Bagnols') × ('Processor' × 'Cornell 49242'). Early.

408946. 'Doby'. ('Pop' × 'Slingreen'). Erect bush. Processing type. White flowers, large bracts. Pods round, straight, glabrous, dull dark green, stringless, no parchment. Seed white, small, round-oval, average six per pod. Resistant to common mosaic and all races of anthracnose known to 1973.

408947. 'Koba'. ('Pop' × 'Maxidor'). Erect, bushy plant with small, medium dark green, glossy leaves. White flowers. Pods medium green, straight, 12 to 13 cm, stringless, no fiber. Seed white, oblong. Resistant to anthracnose and Virus 1, tolerant to black root in field.

408948. 'Maxidor'. ('Tezier D'or') × ('Processor' × 'Cornell 49242'). Dwarf wax bean, used for fresh market and processing. Erect branched. White flowers. Pods 12 cm in length, round, straight, glabrous, butter yellow, stringless, rather straight spur. Seed white, oblong. Resistant to common mosaic and all known races of anthracnose. Susceptible to bacterial blight and Virus 2 (BV2).

408949. 'Prenel'. ('Processor' × '5') × ('Cornell 49242').

408950. 'Saconel'. ('Saxa' × 'Contender') × ('Processor' × 'Cornell 49242'). Snapbean, used for fresh market. Erect plant. Rose-colored flowers. Pods 13 cm in length, round, straight, mostly rough, medium green, stringless, without parchment, rather spur. Seed buff, oblong. Resistant to common mosaic and to all known races of anthracnose. Susceptible to bacterial blight and to Virus 2 (BV2).

408951. 'Silvert'. ('Slenderwhite') × ('Processor' × 'Cornell 49242'). Snapbean, used for fresh market and processing. Erect plant. White flowers. Pods 12 cm in length, round, straight, glabrous, glossy medium green, stringless, with straight spurs. White seed, rather globular. Resistant to common mosaic and to all common races of anthracnose. Susceptible to bacterial blight and Virus 2 (BV2).

408952. 'Verdon'. ('Slenderwhite') × ('Processor' × 'Cornell 49242').

408953 to 408959. YUCCA GLAUCA Nutt. Liliaceae.

From United States. Seed presented by C. A. Barr, Prairie Gem Ranch, Smithwick, South Dakota. Received June 1, 1976.

408953. 1. 'Pink Brilliant'. Flowers closed, showy, varying tones of clear pink.

408954. 2. Flowers flaring, saucer shaped, cream white to pink tinted.

408955. 3. Simple stem. Whitest, widest flair.

408956. 4. Simple stem. Closed, mauve-pink flowers.

408957. 5. Simple stem. Closed, light bronzy pink flowers.

408958. 6. 'Dwarf Pearl'. Flowers 2.5 cm in diameter, light greenish cream color.

408959. 7. Strong, reddish outer segments. Greenish inner segments.

408960. ORYZA SATIVA L. Poaceae.**Rice.**

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received February 11, 1976.

I.E.T. 1039. 'Jayanthi'.

408961 and 408962. *ORYZA SATIVA* L. Poaceae. **Rice.**
From Colombia. Seed presented by R. L. Cheaney, Rice Specialist, Centro
Internacional de Agricultura Tropical, Cali. Received March 2, 1976.

408961. Line 4421. Cross IR665-23-3-1 × F (IR841-63-5-104-1B × C46-15).
Pedigree P901-22-11-2-6-2-1B. Maturity 130 to 140 days. Resistant to *Hoja
blanca* and rice blast.

408962. Line 4440. Cross CICA4 × F₁ (IR665-23-3-1 × Tetep). Pedigree P
918-25-1-4-2-3-1B. Maturity 130 to 140 days. Resistant to *Hoja blanca* and
rice blast.

408963 to 408975.

From India. Seed presented by B. Choudhary, Division of Vegetable and
Floriculture, Indian Agricultural Research Institute, New Delhi. Received
May 3, 1976.

408963 and 408964. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae.
Okra.

408963. 'Pusa Makhmali'.

408964. 'Pusa Sawani'.

408965. *BETA VULGARIS* L. Chenopodiaceae. **Sugarbeet.**
'Pusa Jyoti'.

408966 and 408967. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae.
Cauliflower.

408966. 'Pusa Katki'.

408967. 'Snowball-16'.

408968 and 408969. *LAGENARIA SICERARIA* (Mol.) Standl. Cucurbitaceae.
Bottle gourd.

408968. 'Pusa Manjari'.

408969. 'Pusa Meghdoot'.

408970 and 408971. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae.
Tomato.

408970. 'Pusa Ruby'.

408971. 'S1-120'.

408972. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**
'Pusa Himani'.

408973 to 408975. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**

408973. 'Pusa Kranti'.

408974. 'Pusa Purple Long'.

408975. 'Pusa Purple Round'.

408976 and 408977.

From Brazil. Seed presented by Empresa Brasileira de Pesquisa Agropecuaria,
Centro Nacional de Recursos Geneticos, Brasilia. Received April 22, 1976.

408976. *CROTALARIA JUNCEA* L. Fabaceae. **Sunn hemp.**
CPAC 195. Matao.

408977. *CROTALARIA* sp.
CPAC 104. Vicosá.

408978. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From Burma. Seed presented by U. Kyaw Nyein, Director, Central Research Organization, Yankin, Rangoon. Received April 12, 1976.

Thin, soft skin becoming medium yellow when fruit matures.

408979 to 408983. SACCHARUM (hybrid) Poaceae.**Sugarcane.**

From Hawaii. Seed presented by Hawaiian Sugar Planters' Association, Aiea. Received March 17, 1976.

408979. 'CL 54-378' × 'CP 63-306'.

408980. 'CP 63-306' × 'CL 54-378'.

408981. 'CP 63-588' × 'Self'.

408982. 'CP 65-357' × 'Self'.

408983. 'CP 68-1067' × 'CL 54-378'.

408984 to 408995.

From United States. Seed collected 1971 by A. P. Plummer, Intermountain Forest and Range Experiment Station, Ephraim, Utah and presented to the Regional Plant Introduction Station, Pullman, Washington. Numbered May 10, 1976.

408984. ARTEMISIA ARBUSCULA Nutt. subsp. **ARBUSCULA** Asteraceae.

U-1-71. Big Paradise Valley, Paradise Valley, Nevada. Elevation 1,829 m. Wild.

408985 and 408986. ARTEMISIA ARBUSCULA subsp. **NOVA** (A. Nels.) G. Ward

408985. U-12-21. Milford, Utah. Wild.

408986. U-19-71. Indian Peaks, Utah. Wild.

408987. ARTEMISIA BIGELOVII A. Gray

U-8-71. Salina Canyon, Utah. Wild.

408988. ARTEMISIA CANA Pursh subsp. **CANA**

U-4-71. Colton, Utah. Wild.

408989. ARTEMISIA FRIGIDA Willd.

U-10-71. Fremont Road, Wayne County, Utah. Wild.

408990. ARTEMISIA TRIDENTATA Nutt.

U-2-71. On road to Blue Lake, Nevada. Elevation 2,438 m.

408991 to 408995. ARTEMISIA TRIDENTATA Nutt. subsp. **TRIDENTATA**

408991. U-45-71. Wild.

408992. U-47-71. Lower Pan Creek, Nevada. Wild.

408993. U-48-71. Sardine Canyon, Utah. Wild.

408994. U-50-71. Fremont Road, Utah. Wild.

408995. U-51-71. Malta, Idaho.

408996 to 409000. GOSSYPIUM HIRSUTUM L. Malvaceae.**Upland cotton.**

From Mozambique. Seed presented by A. V. Milheiro, Director, Instituto de Investigacao Agronomica de Mozambique, Lourenco Marques. Received April 1, 1976.

408996 to 409000—Continued

408996. 'A-618'. Selected at Barberton, South Africa from 'Muka' which resulted from cross between 'MU 8' (Malwa Upland) and 'BP 52' (Nyasaland Upland). Introduced into Mozambique in 1952 and grown for about 15 years. Good storm resistance. Good staple length and fineness. Late maturity, heavy foliage under very humid conditions, fair yield and range of adaptation. Lint percentage 30 to 32. Immature fiber under heavy rainfall and in high plains. Good resistance to *Empoasca facialis* due to pubescence. Susceptible to bacterial blight gene B₂.

408997. 'A-637'. Developed about 1956 at Namulonge, Uganda from variety 'Albar 51', derived from 'Nigerian Allen', which traces back to the American Upland Allen and introduced into Uganda from United States about 1909. Introduced into Mozambique in 1957 and still grown. Good yield capacity, wide range of adaptation. Fair tolerance to drought, good fiber maturity. Fair staple length. Lint percentage 31 to 33. Fair resistance to bacterial blight gene B₂ and B₃. Some resistance to *Empoasca facialis*.

408998. 'A-637-24'. Selected from the variety 'A-618' at Chemba, Zambeze Valley, Mozambique in 1967. Reported to be an accidental hybrid between 'A-618' and 'A-637'. Released in 1974 to replace 'A-637' in regions of slightly arid conditions and high infestation of *Empoasca facialis*. Resistance due to pubescence. Very good yield capacity. Good storm resistance, fair to good tolerance to drought. Good staple length. Late maturity but earlier than 'A-618'. Heavy foliage under very humid conditions, fair range of adaptation. Lint percentage 32 to 34. Good resistance to bacterial blight genes B₂ and B₃.

408999. 'A-637-33'. Selected from variety 'A-637/1' at Maniquenique, Limpopo Valley, Mozambique in 1967. Reported to be a mixture of 'A-637' and 'A-618'. Released in 1974 to replace 'SBL 2' and 'A-637'. Excellent yield capacity and range of adaptation. Good earliness and storm resistance, fair to good tolerance to drought. Medium to large lock size, prolific boll production. Small boll and seed size. Good staple length. Lint percentage 33 to 35. Fair resistance to bacterial blight gene B₂ and B₃. Fair resistance to *Empoasca facialis*.

409000. 'SBL 2'. Selected from 'A-637' at Maniquenique, Limpopo Valley, Mozambique in 1965. Reported to be an accidental hybrid between 'A-637' and 'A-618'. Released in 1970 to replace 'A-637'. Very good yield capacity, wide range of adaptation. Good earliness and storm resistance. Mediocre tolerance to drought, small lock size under slightly arid conditions. Fair staple length. Lint percentage 33 to 35. Good resistance to *Empoasca facialis*, fair resistance to bacterial blight genes B₂ and B₃.

409001 to 409007. SACCHARUM (hybrid) Poaceae.**Sugarcane.**

From Australia. Cuttings presented by The Director, Bureau of Sugar Experiment Stations, North Brisbane, Queensland Received June 2, 1976.

409001. 'Q91'.	409005. 'Q99'.
409002. 'Q96'.	409006. 'Q100'.
409003. 'Q97'.	409007. 'Q102'.
409004. 'Q98'.	

409008. GOSSYPIUM HIRSUTUM L. Malvaceae.**Upland cotton.**

From Nigeria. Seed presented by J. C. M. Alexander, Institute for Agricultural Research, Ahmadu Bello University, Samaru-Zaira. Received April 2, 1976. 'Reba W296'.

409009. HELIANTHUS (hybrid) Asteraceae.

From Union of Soviet Socialist Republics. Tubers presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received April 30, 1976. 'Vostorg'. *H. tuberosa* × *H. annuus*.

409010. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From France. Seed presented by P. Martin, Union de Cooperatives Agricoles de Cereales, Vilmorin Grandes Cultures, Verneuil-l'Etang. Received March 31, 1976.

Early reddish color wheat from Japan, received 1868 in France. Red chaff, smooth beard, long straw. Weak resistance to lodging. Poor milling quality. Very sensitive to yellow rust (*Puccinia glumarum*), moderately to brown rust (*P. triticina*) and highly to black rust (*P. tritici*).

409011 to 409013. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Brazil. Seed presented by A. S. Pompeu, Genetics Department, Instituto Agronomico, Campinas, Sao Paulo. Received May 10, 1976.

409011. 'Line 413'. Peru. Resistant to leaf spotting fungi.

409012. 'Taskentsz Kiy 32'. Resistant to leaf spotting fungi.

409013. 'Spanish' × 'Guaycuru'. Resistant to leaf spotting fungi.

409014. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Australia. Seed presented by C. J. Driscoll, Waite Agricultural Research Institute, Department of Agronomy, University of Adelaide, Glen Osmond. Received May 20, 1976.

'Cornerstone'. ('Federation' × 'Pictic 62') × ('Pictic 62/3' × 'Condor').

409015 and 409016. LYCOPERSICON ESCULENTUM Mill.**Solanaceae.****Tomato.**

From Brazil. Seed presented by Empresa Brasileira de Pesquisa Agropecuar ia, Brasilia. Received May 11, 1976.

409015. 'Angela IAC 3946'. Horticeses.

409016. 'Angela L.C. Gigante'. Sementes Agroflora.

409017 to 409021. LYCOPERSICON ESCULENTUM Mill.**Solanaceae.****Tomato.**

From Taiwan. Seed presented by R. L. Villareal, Asian Vegetable Research and Development Center, Shanhua, Tainan. Received May 12, 1976.

409017. AVRDC No. L 23. 'VC 11-1-2-1a'. Philippines. Reported to have high level of heat tolerance.

409018. AVRDC No. L 125. 'Divisoria- 2'. Philippines. Reported to have high level of heat tolerance.

409019. AVRDC No. L 226. 'NRG 7247'. Canada. Reported to have high level of heat tolerance.

409017 to 409021—Continued

409020. AVRDC No. L 232. 'Nagcarlan'. Philippines. Reported to have high level of heat tolerance.

409021. AVRDC No. L 261. 'Tiny Tim'. Guam. Reported to have high level of heat tolerance

409022 to 409024. BRASSICA NAPUS L. Brassicaceae. **Rape.**
From West Germany. Seed presented by Norddeutsche Pflanzenzucht, Hans-George Lembke K.-G., Hohenlieth. Received March 2, 1976.

409022. 'Erra'.

409023. 'Lesira'.

409024. 'Rapora'.

409025. BRASSICA HIRTA Moench Brassicaceae.

White mustard.

From Canada. Seed presented by A. J. Klassen, Canada Department of Agriculture, Saskatoon, Saskatchewan. Received March 2, 1976.

'BH-1245'.

409026 to 409030. ZEA MAYS L. Poaceae. **Corn.**

From France. Seed presented by B. Pinot, Cooperative de Cereales et d'Approvisionnement des Landes (MAISADOUR), Mont-de-Marsan. Received April 13, 1976.

409026. 'Chaumatou'. White flint, 75 day maturity. Small kernels. Open pollinated.

409027. 'Cudos'. White dent, 86 day maturity. Open pollinated.

409028. 'Laprie'. White flint, 82 day maturity. Open pollinated.

409029. 'Marco'. Yellow flint, 77 day maturity. Open pollinated.

409030. 'Meilhan'. Yellow flint, 79 day maturity. Open pollinated.

409031 to 409033. PISUM SATIVUM L. Fabaceae. **Pea.**

From West Germany. Seed presented by Lothar Seidewitz, Institut fur Pflanzenbau, Forschungsanst fur Landwirtschaft, Braunschweig. Received March 31, 1976.

409031. 11947. 'Hohenheimer Rosabluhende'.

409032. 11981. 'Mahndorfer Viktoria'.

409033. 11975. 'Ornamenta'.

409034. PANICUM MAXIMUM Jacq. Poaceae. **Guineagrass.**

From Brazil. Seed presented by C. E. Posey, Vice President, Jari Forest Products, Inc., Greenwich, Connecticut. Received May 11, 1976.

Commercial source.

409035 to 409038. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From Rhodesia. Seed presented by G. L. Hildebrand, Salisbury Research Station, Causeway. Received June 10, 1976.

409035. 'Egret'.

409036. 'Jacana'.

409037. 'Makulu Red'.

409038. 'Valencia R2'.

409039. PRUNUS sp. Rosaceae.

From People's Republic of China. Plant presented March 1976 to R. M. Nixon, San Clemente, California by Chinese officials. Received April 1, 1976.

National Bonsai Collection No. BZ 135. One plant to 76 cm tall, trained as bonsai.

409040. PYRUS sp. Rosaceae.

From Japan. Plant presented January 1976 by L. W. Lane, Jr., United States Information Agency, American Embassy, Tokyo to U. S. National Arboretum, Washington, D. C. Numbered April 1, 1976.

National Bonsai Collection No. BZ 90. One plant 50 years old, to 51 cm tall, trained as bonsai.

409041 to 409045.

From People's Republic of China. Plants presented to President R. M. Nixon in 1972 during state visit to People's Republic of China. Presented to the United States National Arboretum October 1974, by Irving Williams, Horticulturist, White House, Washington, D. C. Numbered April 1, 1976.

409041. JUNIPERUS CHINENSIS L. Pinaceae. Chinese juniper.
NA 37835. Plant to 17 cm tall.

409042 to 409045. PINUS PARVIFLORA Sieb. & Zucc. Pinaceae. Japanese white pine.

409042. NA 37836. Plant to 30 cm tall.

409043. NA 37837. Plant to 25 cm tall.

409044. NA 37838. Plant to 25 cm tall.

409045. NA 37839. Plant to 20 cm tall.

409046. GLEDITSIA TRIACANTHOS L. Fabaceae. Honeylocust.

From Argentina. Seed presented September 1974 by Universidad Nacional de La Plata, Jardin Agrobotanico de Santa Catalina, Instituto Fitotecnico, Llavallol. Numbered May 11, 1976.

409047 to 409049.

From Japan. Seed presented March 1975 by Kyoto Botanical Garden, Shimogamo, Sakyo-Ku, Kyoto. Code numbers refer to 1974 Seed Exchange List. Numbered May 11, 1976.

409047. GLEDITSIA JAPONICA Miq. Fabaceae.
No. 198.

409048. STEWARTIA MONADELPHA Sieb. & Zucc. Theaceae.
No. 358.

409049. TERNSTROEMIA GYMNANTHERA (Wight & Arn.) Sprague Theaceae.
No. 361.

409050 and 409051.

From Canada. Seed presented March 1975 by Botanic Garden and Field Laboratory, Department of Botany, University of Alberta, Edmonton, Alberta. Code numbers refer to 1974-1975 Index Seminum. Numbered May 11, 1976.

409050. AMELANCHIER ALNIFOLIA Nutt. ex Roemer Rosaceae. Serviceberry.
No. 311.

409051. PAEONIA VEITCHII Lynch Ranunculaceae. Peony.
No. 143.

409052 and 409053.

From Canary Islands. Seed presented April 1975 by Jardin de Aclimatacion Orotava, Puerto de La Cruz, Tenerife. Code numbers refer to 1974 Index Seminum. Numbered May 11, 1976.

409052. ILEX CANARIENSIS Poir. Aquifoliaceae.
No. 614.

409053. PRUNUS LUSITANICA L. Rosaceae. **Portuguese cherry-laurel.**
No. 118.

409054. MYRICA GALE L. Myricaceae.

From Germany. Seed presented May 1975 by Botanischen Garten und Rhododendron-Park, Marcusalles. Code number refers to 1974 Index Seminum. Numbered May 11, 1976.

No. 504.

409055 and 409056.

From Germany. Seed presented May 1975 by Fachbereich Biologie der Johann-Wolfgang-Goethe-Universitat, Botanischer Garten, Frankfurt am Main. Code numbers refer to 1974 Index Seminum. Numbered May 11, 1976.

409055. BIDENS PILOSA L. Asteraceae.
No. 587.

409056. STEWARTIA PSEUDO-CAMELLIA Maxim. Theaceae.
Japanese stewartia.
No. 1644.

409057 to 409063.

From Norway. Seed presented May 1975 by Botanical Garden, University of Oslo. Code numbers refer to 1974 Index Seminum. Numbered May 11, 1976.

409057. ILEX AQUIFOLIUM L. Aquifoliaceae. **English holly.**
No. 25.

409058. ILEX CANARIENSIS Poir.
No. 711. Originally from Canary Islands.

409059. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**
No. 410.

409060 to 409062. PRUNUS PADUS L. Rosaceae.

409060. No. 415.

409061. No. 416.

409062. No. 417.

409063. VERBASCUM PHLOMOIDES L. Scrophulariaceae.
No. 1949.

409064 to 409068.

From Hong Kong. Seed presented May 1975 by Hong Kong Herbarium, Agriculture and Fisheries Department, Kowloon. Code numbers refer to 1974-1975 Seed Exchange List. Numbered May 11, 1976.

409064. ILEX ASPRELLA (Hook. & Arn.) Champ. ex Benth. Aquifoliaceae.
No. 15.

409065. ILEX CINEREA Champ.
No. 16.

409066. ILEX GRACILIFLORA Champ. ex Benth.
No. 17.

409064 to 409068—Continued

409067. *ILEX TRIFLORA* var. *VRIDIS* (Champ. ex Benth.) Loes.
No. 20.

409068. *ITEA CHINENSIS* Hook. & Arn. Saxifragaceae.
No. 66.

409069 to 409073. *SACCHARUM* (hybrid) Poaceae. **Sugarcane.**
From Fiji. Cuttings presented by The Fiji Sugar Corporation through
The Colonial Sugar Refining Company, Sydney, Australia. Received June
15, 1976.

409069. 'Fiji-27'.

409070. 'Fiji-39'.

409071. 'Fiji-41'.

409072. 'Fiji-42'.

409073. 'Fiji-64'.

409074. *BIDENS PILOSA* L. Asteraceae.

From Spain. Seed presented June 1975 by Jardin Botanico "Marimurtra",
Blanes, Gerona Province. Code number refers to 1975 Index Seminum.
Numbered May 11, 1976.

No. 60.

409075. *ILEX AQUIFOLIUM* L. Aquifoliaceae. **English holly.**

From Germany. Seed presented June 1975 by Botanischer Garten der Universi-
tat Dusseldorf, Dusseldorf. Code number refers to 1974 Index Seminum.
Numbered May 11, 1976.

No. 18.

409076 to 409078.

From Netherlands. Seed presented June 1975 by Botanical Gardens of the
Agricultural University, Wageningen. Code numbers refer to 1974 Index
Seminum. Numbered May 11, 1976.

409076. *BETULA COSTATA* Trautv. ex Maxim. Betulaceae.
No. 40109.

409077. *BETULA JACQUEMONTII* Spach. **Birch.**
No. 40111.

409078. *CATALPA OVATA* Don Bignoniaceae. **Japanese catalpa.**
No. 40131.

409079. *ILEX AQUIFOLIUM* L. Aquifoliaceae. **English holly.**

From Portugal. Seed presented June 1975 by Jardim Botanico da Universidade
de Coimbra, Arcos do Jardim, Coimbra. Code number refers to 1975 Index
Seminum. Numbered May 11, 1976.

No. 168.

409080 to 409086.

From Union of Soviet Socialist Republics. Seed presented June 1975 by Sukhumi
Botanical Garden, Academy of Sciences, Georgia. Items appeared in 1973
Delectus Seminum. Numbered May 11, 1976.

409080. *CATALPA BIGNONIOIDES* Walt. Bignoniaceae.

409081. *CATALPA BUNGEI* Meyer. **Manchurian catalpa.**

409082. *CATALPA HYBRIDA* var. *JAPONICA* (Dode) Rehder

409080 to 409086—Continued**409083.** CATALPA OVATA Don **Japanese catalpa.****409084.** CELTIS SIENSIS Pers. Ulmaceae. **Chinese hackberry.****409085.** METASEQUOIA GLYPTOSTROBOIDES Hu & Cheng Pinaceae.**409086.** PLATYCARYA STROBILACEAE Sieb. & Zucc. Juglandaceae.**409087. IRIS SPURIA L. Iridaceae. Seashore iris.**

From Belgium. Seed presented June 1975 by Jardin Botanique, National de Belgique, Domaine de Bouchout, Meise. Code number refers to 1974 Delectus Seminum. Numbered May 11, 1976.

No. 1092.

409088. ARUM MACULATUM L. Araceae.

From Italy. Seed presented July 1975 by Istituto ed Orto Botanico, Dell'Universita di Bologna, Bologna. Code number refers to 1974 Index Seminum. Numbered May 11, 1976.

No. 19.

409089 and 409090.

From Denmark. Seed presented March 1975 by Desert Arboretum, Hvedde. Code numbers refer to 1974/75 Index Seminum. Numbered May 11, 1976.

409089. BUDDLEIA GLOBOSA Hope. Loganiaceae. **Globe butterflybush.**

No. 7. Originally from Argentina. Collected 33 km north of San Martin de los Andes, Neuquen Province. Growing on border of steppe.

409090. EMBOTHRIMUM COCCINEUM Forst. Proteaceae. **Notro.**

No. 8. Originally from Argentina. Collected on northern shore of Lago, Brazo Rico, Santa Cruz Province.

409091 and 409092.

From Germany. Seed presented July 1975 by Botanischer Garten der Universitat Tubingen, Tubingen. Code numbers refer to 1974 Index Seminum. Numbered May 11, 1976.

409091. ALLIUM NARCISSIFLORUM Vill. Liliaceae.

No. 189.

409092. LARIX DECIDUA Mill. Pinaceae. **European larch.**

No. 48.

409093 and 409094.

From Union of Soviet Socialist Republics. Seed presented July 1975 by V. L. Komarovii Botanical Institute, Academy of Science, Leningrad. Code numbers refer to 1974 Index Seminum. Numbered May 11, 1976.

409093. CAMELLIA JAPONICA L. Theaceae.

No. 1761.

409094. PARROTIA PERSICA (DC.) Meyer Hamamelidaceae.

No. 2385.

**409095. HOLARRHENA FLORIBUNDA Durand & Schinz
Apocynaceae.**

From Nigeria. Seed presented by A. D. Lana, Department of Agricultural Biology, University of Ibadan, Ibadan. Received May 10, 1976.

409096 to 409098. HORDEUM VULGARE L. Poaceae. Barley.

From Poland. Seed presented by Instytut Hodowli Aklimatyzacji Roslin, Roslin. Received June 1, 1976.

409096 to 409098—Continued

409096. 'Browarny PZHR'. Selection from 'Ackerman's Isaria'.

409097. 'Gryf'.

409098. 'Lubuski'.

409099. ADESMIA BICOLOR (Poir.) DC. Fabaceae.

From Uruguay. Seed presented by B. Rosengurtt, Facultad de Agronomia, Laboratorio de Botanica, Montevideo. Received May 25, 1976.
Cangué, Paysandu Department.

409100. CITRUS MACROPTERA Montr. Rutaceae.

From Papua New Guinea. Seed presented April 1976 by Bernie Gash, Namanai, New Ireland, to D. J. Hutchison, Geneticist, Horticultural Research Laboratory, Orlando, Florida. Numbered June 4, 1976.

889. Ramat Plantation, New Ireland. Leaves have large, winged petioles, almost as large as leaf blades. Wild.

409101. PHASEOLUS (hybrid) Fabaceae.

From United States. Seed presented by M. H. Dickson, Department of Vegetable Crops, New York State Agricultural Experiment Station, to Regional Plant Introduction Station, Geneva, New York. Received June 8, 1976.

G-24197. 'Cornell 2114-12'. ('Yelloweye' × *P. vulgaris*) × *P. coccineus* 'Scarlet Runner'. Pole type, medium late maturity. Seed small, brown. Resistant to *Fusarium*, *Rhizoctonia*, *Pythium*, *Thielaviopsis* and seed corn maggot.

409102 and 409103.

From Australia. Seed purchased from Arthur Yates and Company, Milperra, New South Wales. Received April 2, 1976.

409102. PANICUM MAXIMUM Jacq. Poaceae.
'Colonaio'. Commercial lot.

Guineagrass.

409103. PENNISETUM CLANDESTINUM Hochst. ex Chiov. Poaceae.

Kikuyugrass.

'Whittet'. Commercial lot.

409104 to 410294.

From South Africa. Plant material collected February–April 1976 by A. J. Oakes, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and E. C. Bashaw, Soil and Crop Sciences Department, Texas A & M University, College Station, Texas. Numbered June 21, 1976.

409104. ACACIA PENDULA A. Cunn. Fabaceae.

2113. Grootfontein Agricultural College, Middleburg, Cape Province. Ornamental tree. Seed.

409105. ACER sp. Aceraceae.

2035. Wakkerstroom, Transvaal. Ornamental street tree. Seed.

409106 to 409109. ACROCERAS MACRUM Stapf Poaceae.

Nilegrass.

409106. 1805. Rietondale Research Station, Pretoria. Rhizomatous perennial with very narrow leaves. Foliage to 120 cm high, light green. Plot A 262. Rhizomes.

409107. 1811. Rietondale Research Station, Pretoria. Originally from Kenya. Rhizomatous perennial. Foliage to 50 cm high. Plot A 271. Rhizomes.

409108. 1815. Rietondale Research Station, Pretoria. Rhizomatous perennial. Foliage to 40 cm high, light green. Plot A 270. Rhizomes.

409104 to 410294—Continued**409106 to 409109—Continued**

409109. 1985. 'Cedara Select'. Cedara Agricultural College, Pietermaritzburg, Natal. Rhizomatous perennial. Seed.

409110 and 409111. ANTHEPHORA PUBESCENS Nees Poaceae.

409110. 2676. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Tufted, palatable perennial. Adapted to sandy soils. Seed.

409111. 2869. Ivy Ranch, Munnik, Transvaal. Tufted perennial. Growing on open grassland. Seed.

409112. ANTHOSCHIMIDTIA BULBOSA (Stapf) Peter Poaceae.

2866. Ivy Ranch, Munnik, Transvaal. Perennial, often stoloniferous. Growing on open grassland. Seed.

409113. ARISTIDA DIFFUSA Trin. Poaceae.**Three-awn grass.**

2607. Bloemfontein, Orange Free State. Tufted perennial. Growing in open grassland. Seed.

409114. ARISTIDA DIFFUSA var. BURKEI (Stapf) Schweick.

2116. Twelve km west of Middleburg, Cape Province. Tufted perennial. Growing in open grassland. Seed.

409115. ARISTIDA sp.

1885. Hluhluwe Game Reserve, Natal. Tufted. Growing in rock quarry. Seed.

409116. ARISTIDA sp.

2069. Fifteen km south of Vryheid, Natal. Growing in grazed rangeland in rocky soil. Seed.

409117. ASPARAGUS AFRICANUS Lam. Liliaceae.

2255. Great Brok River, Schoombee, Cape Province. Plants very leafy with few thorns. Growing in open brush. Seed.

409118. ASPARAGUS RETROFRACTUS L.

2158. One km west of Middleburg, Cape Province. Open shrub. Seed.

409119. ASPARAGUS sp.

2155. Compassberg Ranch, 30 km west of Middleburg, Cape Province. Elevation 2,150 m. Growing on open grassland. Seed.

409120. ATRIPLEX BREWERI Wats. Chenopodiaceae.

2997. Grootfontein Agriculture College, Middleburg, Cape Province. Seed.

409121. ATRIPLEX LENTIFORMIS (Torr.) Wats.

2996. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.

409122 and 409123. ATRIPLEX NUMMULARIA Lindl.**Saltbush.**

409122. 2600. Klipplaat, Cape Province. Woody shrub to 4 m tall. Branched, light glaucous foliage. Used as hedge and browse plant. Growing on waste grounds. Cuttings.

409123. 2995. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.

409124 and 409125. ATRIPLEX SEMIBACCATA R. Br. **Australian saltbush.**

409124. 2221. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Prostrate, woody perennial. Growing on open grassland. Seed.

409125. 2998. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.

409104 to 410294—Continued

409126. *BAUHINIA* sp. Fabaceae.

2678. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Growing in open field. Seed.

409127. *BELOPERONE* sp. Acanthaceae.

2893. Pietersburg, Transvaal. Ornamental herb with greenish-yellow flowers. Growing in public park. Local name Yellow Queen. Cuttings.

409128. *BELOPERONE* sp.

2990. Brown Nursery, Pretoria, Transvaal. Greenish-yellow bracts. Cuttings.

409129. *BELOPERONE* sp.

2991. Brown Nursery, Pretoria, Transvaal. Yellow bracts. Cuttings.

409130. *BRACHIARIA MUTICA* (Forsk.) Stapf Poaceae. **Paragrass.**

1933. Along Highway N-2, 8 km south of Matubatuba, Natal. Stoloniferous. Growing in disturbed site. Stolons.

409131 and 409132. *BRACHIARIA NIGROPEDATA* (Munro) Stapf

409131. 2668. On Highway S-7, 131 km north of Vryberg, Cape Province. Tufted perennial. Growing in disturbed site. Seed.

409132. 2864. Ivy Ranch, Munnik, Transvaal. Growing on open grassland. Seed.

409133. *BRACHIARIA* sp.

1855. De hoek, Estcourt Research Farm, Estcourt, Natal. Stoloniferous plant. Foliage to 75 cm high, dark green. Stolons.

409134. *BRACHIARIA* sp.

2291. Five km southwest of beaufort West, Cape Province. Growing on open grassland. Seed.

409135. *BRACHIARIA* sp.

2292. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Vegetative stocks of P.I. 409134.

409136. *BRACHYPODIUM BOLUSII* Stapf Poaceae.

2220. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 1,900 m. Growing in rocky soil. Seed.

409137 to 409139. *BROMUS UNIOLOIDES* Kunth Poaceae. **Rescuegrass.**

409137. 2115. Six km west of Middelburg, Cape Province. Growing on open grassland. Tufted. Seed.

409138. 2354. Roseburg Pass, northwest of Beaufort West, Cape Province. Tufted. Growing in disturbed site. Seed.

409139. 2362. Carnorvon, Cape Province. Growing in waste grounds. Seed.

409140. *CALLIANDRA* sp. Fabaceae.

2111. W. Urquhart Farm, 20 km south of Newcastle Natal. Ornamental shrub to 3 m tall. Purplish flowers, blossoms continuously. Cuttings.

409141. *CAPSICUM ANNUUM* L. Solanaceae.

1921. Nilsen Farm, Mtunzini, Natal. Cultivated. Seed.

Pimento.

409142 to 409722. *CENCHRUS CILIARIS* L. Poaceae.

Buffelgrass.

409142. 1817. Rietondale Research Station, Pretoria. Tufted perennial 30 to 50 cm tall. Mixture, plants variable in height. Plot A 342. Seed.

409143. 1823. Rietondale Research Station, Pretoria. Tufted perennial plant to 170 cm tall. Seed dark. Plot A 202. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409144.** 1824. Rietondale Research Station, Pretoria. Plants 200 to 240 cm tall. Foliage dark green. Plot A 233. Seed.
- 409145.** 1825. Rietondale Research Station, Pretoria. Plants 200 to 220 cm tall. Foliage bluish green, few seedheads. Plot A 212. Seed.
- 409146.** 1826. Rietondale Research Station, Pretoria. Plants 220 to 250 cm tall, vigorous. Plot A 205. Seed.
- 409147.** 1856. N 70/61. 'Molopa'. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409148.** 1857. N 70/65. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409149.** 1858. N 68/145. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409150.** 1859. N 68/146. De hoek, Estcourt Research Farm, Estcourt, Natal. Plant.
- 409151.** 1860. N 68/146. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed of P.I. 409150.
- 409152.** 1861. N 69/311. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409153.** 1862. N 69/313. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants possibly tolerant to cold. Seed.
- 409154.** 1863. N 69/188. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409155.** 1864. N 70/294. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409156.** 1865. N 70/295. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409157.** 1866. N 70/297. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409158.** 1867. N 70/296. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409159.** 1868. N 70/298. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants variable. Seed.
- 409160.** 1869. N 73/210. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants variable. Seed.
- 409161.** 1870. N 73/209. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants variable. Seed.
- 409162.** 1871. N 73/211. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409163.** 1872. N 73/212. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409164.** 1874. N 68/189. De hoek, Estcourt Research Farm, Estcourt, Natal. High yielding strain. Seed.
- 409165.** 1875. N 70/299. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409166.** 1876. N 70/300. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409167.** 1877. N 70/301. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409168.** 1878. N 70/425. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409169.** 1879. N 70/426. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 409170.** 1918. Along Highway N-2, 8 km south of Matubatuba, Natal. Growing in disturbed site. Seed.
- 409171.** 1986. 'Sefari'. Cedara Agricultural College, Pietermaritzburg, Natal. Tolerant to cold. Seed.
- 409172.** 2036. Smith Farm near Utrecht, Natal. Originally from Northern Transvaal. Seed.
- 409173.** 2114. Grootfontein Agricultural College, Middelburg, Cape Province. Tufted, perennial plant. Foliage 60 to 70 cm high, dark green. Same as P.I. 299509. Seed.
- 409174.** 2159. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,350 m. Growing on open grassland. Seed.
- 409175.** 2160. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,350 m. Seed from several plants. Seed.
- 409176.** 2162. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,350 m. Growing on open grassland. Composite sample. Seed.
- 409177.** 2168. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,350 m. Growing on open grassland. Seed.
- 409178.** 2170. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing in open grassland on Carlton Mountain. Seed.
- 409179.** 2171. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,600 m. Growing in open grassland on Carlton Mountain. Seed.
- 409180.** 2178. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,350 m. Growing in open grassland on Carlton Mountain. Seed.
- 409181.** 2180. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing in open grassland on Carlton Mountain. Seed.
- 409182.** 2181. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing in open grassland on Carlton Mountain. Plants of P.I. 409181.
- 409183.** 2182. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing in open grassland on Carlton Mountain. Seed.
- 409184.** 2191. Along highway, 9 km north of Graaff Reinet, Cape Province. Growing on disturbed site. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409185.** 2192. Along highway, 9 km north of Graaff Reinet, Cape Province. Growing on disturbed site. Seed.
- 409186.** 2193. Along Middelburg-Graaff Reinet Highway at Goliadskraal Pass. Growing on disturbed site. Seed.
- 409187.** 2194. Along Middelburg-Graaff Reinet Highway at Perdekloof Neck, Cape Province. Growing on disturbed site. Long seedheads. Seed.
- 409188.** 2198. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Foliage bluish green, rough leaves. Growing on open grassland. Seed.
- 409189.** 2205. Along Middelburg-Graaff Reinet Highway at Goliadskraal Pass, Cape Province. Growing on rocky cliff. Seed.
- 409190.** 2206. Wellwood, Cape Province. Growing on open grassland. Seed.
- 409191.** 2226. Oude Pass, 10 km north of Graaff Reinet, Cape Province. Growing on disturbed site. Seed.
- 409192.** 2227. On Highway N-1, 15 km north of Graaff Reinet, Cape Province. Growing on disturbed site. Seed.
- 409193.** 2228. Along Highway N-1, 15 km north of Graaff Reinet, Cape Province. Growing on disturbed site. Seed.
- 409194.** 2261. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409195.** 2263. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409196.** 2264. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409197.** 2265. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409198.** 2267. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409199.** 2268. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409200.** 2269. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409199.
- 409201.** 2270. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409202.** 2271. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409203.** 2272. Five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409202.
- 409204.** 2273. On Highway N-9, 30 km northeast of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409205.** 2274. On Highway N-9, 30 km northeast of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409204.
- 409206.** 2275. On Highway N-9, 5 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409207.** 2276. On Highway N-9, 5 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409206.
- 409208.** 2277. On Highway N-9, 1 km west of Three Sisters, Cape Province. Growing on disturbed site. Plant.
- 409209.** 2278. On Highway N-9, 1 km west of Three Sisters, Cape Province. Growing on disturbed site. Seed of P.I. 409208.
- 409210.** 2279. On Highway N-9, 3 km east of Three Sisters, Cape Province. Growing on disturbed site. Plant.
- 409211.** 2280. On Highway N-9, 3 km east of Three Sisters, Cape Province. Growing on disturbed site. Seed of P.I. 409210.
- 409212.** 2281. On Highway N-9, 5 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409213.** 2282. On Highway N-9, 9 km southwest of Richmond, Cape Province. Growing on disturbed site. Plant.
- 409214.** 2283. On Highway N-9, 9 km southwest of Richmond, Cape Province. Growing on disturbed site. Seed of P.I. 409213.
- 409215.** 2284. On Highway N-9, 9 km east of Three Sisters, Cape Province. Growing on disturbed site. Plant.
- 409216.** 2285. On Highway N-9, 9 km southwest of Richmond, Cape Province. Growing on disturbed site. Seed.
- 409217.** 2286. On Highway N-9, 5 km east of Three Sisters, Cape Province. Growing on disturbed site. Plant.
- 409218.** 2287. On Highway N-9, 5 km east of Three Sisters, Cape Province. Growing on disturbed site. Seed of P.I. 409217.
- 409219.** 2288. Nine km southwest of Richmond, Cape Province. Growing on open grassland. Seed.
- 409220.** 2289. Nine km southwest of Richmond, Cape Province. Growing on open grassland. Seed.
- 409221.** 2301. Nine km north of Fraserburg, Cape Province. Growing on open grassland. Seed.
- 409222.** 2302. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409223.** 2303. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409222.
- 409224.** 2304. Thirteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409225.** 2305. Thirteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409224.
- 409226.** 2306. Thirty-six km southwest of Beaufort West, Cape Province. Growing on sandy streambed. Plant.
- 409227.** 2307. Thirty-six km southwest of Beaufort West, Cape Province. Growing on sandy streambed. Seed of P.I. 409226.
- 409228.** 2309. Thirty-six km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409229.** 2311. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409230.** 2312. Gamka River, southwest of Beaufort West, Cape Province. Growing on sandy riverbank. Plant.
- 409231.** 2313. Gamka River, southwest of Beaufort West, Cape Province. Growing on sandy river bank. Seed of P.I. 409230.
- 409232.** 2315. Gamka River, southwest of Beaufort West, Cape Province. Seed.
- 409233.** 2316. On Highway N-9, 15 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409234.** 2317. On Highway N-9, 15 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409233.
- 409235.** 2318. Gamka River, southwest of Beaufort West, Cape Province. Plant.
- 409236.** 2319. Gamka River, southwest of Beaufort West, Cape Province. Seed of P.I. 409235.
- 409237.** 2320. Thirty-six km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409238.** 2321. Thirty-six km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409237.
- 409239.** 2322. Twenty-five km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409240.** 2323. Twenty-five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409239.
- 409241.** 2324. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409242.** 2325. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409241.
- 409243.** 2326. Thirty-six km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409244.** 2327. Thirty-six km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409243.
- 409245.** 2328. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409246.** 2329. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409245.
- 409247.** 2330. On Highway N-9, 15 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409248.** 2331. On Highway N-9, 15 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409247.
- 409249.** 2332. Gamke River, southwest of Beaufort West, Cape Province. Growing on sandy soil. Plant.
- 409250.** 2333. Gamke River, southwest of Beaufort West, Cape Province. Growing on sandy soil. Seed of P.I. 409249.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409251.** 2334. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Plant.
- 409252.** 2335. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed of P.I. 409251.
- 409253.** 2336. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409254.** 2337. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409253.
- 409255.** 2338. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409256.** 2339. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409255.
- 409257.** 2340. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Plant.
- 409258.** 2341. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409257.
- 409259.** 2342. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Plant
- 409260.** 2343. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing on disturbed site. Seed of P.I. 409259.
- 409261.** 2344. Rosesburg Pass, northwest of Beaufort West, Cape Province. Elevation 1,350 m. Growing on disturbed site. Plant.
- 409262.** 2345. Rosesburg Pass, northwest of Beaufort West, Cape Province. Elevation 1,350 m. Growing on disturbed site. Seed of P.I. 409261.
- 409263.** 2347. Gamke River, southwest of Beaufort West, Cape Province. Growing on sandy soil. Seed.
- 409264.** 2348. On Highway N-9, 25 km southwest of Beaufort West, Cape Province. Growing on disturbed site. Seed.
- 409265.** 2349. Beaufort West-Fraserburg Road, Cape Province. Growing on disturbed site. Seed.
- 409266.** 2353. Thirty-five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409267.** 2355. Twenty-five km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409268.** 2357. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 409269.** 2370. Seven km north of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409270.** 2371. Seven km north of Carnorvon, Cape Province. Growing on open grassland. Plants of P.I. 409269.
- 409271.** 2372. Seven km north of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409272.** 2373. Seven km north of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409273.** 2374. Konka, 18 km northwest of Carnorvon, Cape Province. Growing on open grassland. Plant.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409274.** 2375. Konka, 18 km northwest of Carnorvon, Cape Province. Growing on open grassland. Seed of P.I. 409273.
- 409275.** 2376. Eighteen km northwest of Carnorvon, Cape Province. Growing in open grassland. Plant.
- 409276.** 2377. Eight km northwest of Carnorvon, Cape Province. Growing on open grassland. Seed of P.I. 409275.
- 409277.** 2378. Eighteen km northwest of Carnorvon, Cape Province. Foliage dark green. Growing in open grassland. Plant.
- 409278.** 2379. Eighteen km northwest of Carnorvon, Cape Province. Foliage dark green. Growing in open grassland. Seed of P.I. 409277.
- 409279.** 2380. Eighteen km northwest of Carnorvon, Cape Province. Growing in open grassland. Seed.
- 409280.** 2381. Konka, Cape Province. Growing on open grassland. Seed.
- 409281.** 2382. Konka, Cape Province. Growing on open grassland. Plant.
- 409282.** 2383. Konka, Cape Province. Growing on open grassland. Seed.
- 409283.** 2384. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing in open grassland. Seed.
- 409284.** 2385. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409285.** 2386. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Plant.
- 409286.** 2387. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed of P.I. 409285.
- 409287.** 2389. Willem Meintjie Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409288.** 2390. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Plant.
- 409289.** 2391. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed of P. 409288.
- 409290.** 2392. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409291.** 2393. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Plant.
- 409292.** 2394. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed of P.I. 409291.
- 409293.** 2395. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Plant.
- 409294.** 2396. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed of P.I. 409293.
- 409295.** 2397. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Plant.
- 409296.** 2398. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed of P.I. 409295.
- 409297.** 2399. Willem Meintjies Kloof, near Carnorvon, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409298.** 2400. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409299.** 2402. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409300.** 2403. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Plants of P.I. 409299.
- 409301.** 2404. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409302.** 2406. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409303.** 2407. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409304.** 2408. Seven km northeast of Carnorvon, Cape Province. Growing on open grassland. Vegetative stocks of P.I. 409303.
- 409305.** 2409. Twelve km northeast of Carnorvon, Cape Province. Growing on open grassland. Seed.
- 409306.** 2410. Humanshof, Cape Province. Growing on open grassland. Seed.
- 409307.** 2411. Humanshof, Cape Province. Growing on open grassland. Seed.
- 409308.** 2413. Humanshof, Cape Province. Growing on open grassland. Seed.
- 409309.** 2414. Humanshof, Cape Province. Growing on open grassland. Seed.
- 409310.** 2415. Brandwyn Skuil Farm, Humanshof, Cape Province. Growing on open grassland. Seed.
- 409311.** 2417. Twenty-five km southwest of Vosburg, Cape Province. Growing on open grassland. Seed.
- 409312.** 2418. Twenty-five km southwest of Vosburg, Cape Province. Growing on open grassland. Plants of P.I. 409311.
- 409313.** 2419. Forty-five km southwest of Vosburg, Cape Province. Growing on open grassland. Seed.
- 409314.** 2420. Six km west of Britstown, Cape Province. Seedheads small in diameter. Growing on open grassland. Seed.
- 409315.** 2421. Twenty-eight km east of Britstown, Cape Province. Growing on open grassland. Seed.
- 409316.** 2422. Twenty-eight km east of Britstown, Cape Province. Growing on open grassland. Plants of P.I. 409315.
- 409317.** 2423. Twenty-eight km east of Britstown, Cape Province. Growing on open grassland. Seed.
- 409318.** 2424. Twenty-eight km east of Britstown, Cape Province. Growing on open grassland. Plants of P.I. 409317.
- 409319.** 2425. Twenty-eight km east of Britstown, Cape Province. Growing on open grassland. Seed.
- 409320.** 2426. Twenty-eight km east of Britstown, Cape Province. Growing on open grassland. Plants of P.I. 409319.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409321.** 2427. Twenty-six km east of Britstown, Cape Province. Growing on open grassland. Seed.
- 409322.** 2428. Twenty-six km east of Britstown, Cape Province. Growing on open grassland. Plants of P.I. 409321.
- 409323.** 2429. Fifteen km southeast of De Aar, Cape Province. Growing on open grassland. Seed.
- 409324.** 2431. Fifteen km southeast of De Aar, Cape Province. Growing on open grassland. Plant.
- 409325.** 2432. Brandwyn Skuil Farm, Humanshof, Cape Province. Growing on open grassland. Seed.
- 409326.** 2439. Three km southwest of Cradock, Cape Province. Growing on disturbed site. Plant.
- 409327.** 2440. Three km southwest of Cradock, Cape Province. Growing on disturbed site. Seed of P.I. 409326.
- 409328.** 2441. Three km southwest of Cradock, Cape Province. Growing on disturbed site. Plant.
- 409329.** 2442. Three km southwest of Cradock, Cape Province. Growing on disturbed site. Seed of P.I. 409328.
- 409330.** 2443. Four km southwest of Cradock, Cape Province. Growing on streambed. Plant.
- 409331.** 2444. Four km southwest of Cradock, Cape Province. Growing on streambed. Seed of P.I. 409330.
- 409332.** 2445. Four km southwest of Cradock, Cape Province. Growing on disturbed site. Plant.
- 409333.** 2446. Four km southwest of Cradock, Cape Province. Plants badly infected with smut. Growing on rocky cliff. Plant.
- 409334.** 2447. Four km southwest of Cradock, Cape Province. Growing on disturbed site. Plant.
- 409335.** 2448. Eight km southwest of Cradock, Cape Province. Growing on rocky soil. Plant.
- 409336.** 2449. Eight km southwest of Cradock, Cape Province. Growing on rocky soil. Seed of P.I. 409335.
- 409337.** 2450. Nine km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Plant.
- 409338.** 2451. Nine km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Seed of P.I. 409337.
- 409339.** 2452. Nine km southwest of Cradock, Cape Province. Growing on rocky cliff. Plant.
- 409340.** 2453. Four km southwest of Cradock, Cape Province. Growing on disturbed site. Seed.
- 409341.** 2454. Ten km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Plant.
- 409342.** 2455. Ten km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Plant.

409104 to 410294 —Continued**409142 to 409722 —Continued**

- 409343.** 2456. Ten km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Plant.
- 409344.** 2457. Ten km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Plant.
- 409345.** 2461. On Highway N-7, 22 km northwest of Cradock, Cape Province. Growing on disturbed site. Seed.
- 409346.** 2462. Ten km southwest of Cradock, Cape Province. Elevation 1,330 m. Growing on rocky cliff. Seed.
- 409347.** 2466. Q 1006. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Northern Transvaal. Seed.
- 409348.** 2467. Q 2903. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.
- 409349.** 2468. Q 2953. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.
- 409350.** 2469. Q 3460. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.
- 409351.** 2470. Q 3462. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Northern Transvaal. Seed.
- 409352.** 2471. Q 3532. Grootfontein Agricultural College, Middelburg, Cape Province. Seed.
- 409353.** 2472. Q 2948. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Northern Transvaal. Seed.
- 409354.** 2473. T 4464. Grootfontein Agricultural College, Middelburg, Cape Province. Released cultivar from United States. Seed.
- 409355.** 2474. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Towoomba Agricultural Research Station, Warmbaths, Transvaal. Seed.
- 409356.** 2475. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Mara Research Station, Mara, Transvaal. Seed.
- 409357.** 2476. Q 3461. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Northern Transvaal. Seed.
- 409358.** 2477. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Graaff Reinet, Cape Province. Seed.
- 409359.** 2478. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Beaufort West, Cape Province. Seed.
- 409360.** 2479. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Karasburg, southwest Africa. Seed.
- 409361.** 2480. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Northern Transvaal. Seed.
- 409362.** 2481. Grootfontein Agricultural College, Middelburg, Cape Province. Originally from Western Australia. Saline resistant. Seed.
- 409363.** 2482. Grootfontein Agricultural College, Middelburg Cape Province. Originally from Messina, Transvaal. Seed.
- 409364.** 2485. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.

409104 to 410294 —Continued**409142 to 409722 —Continued**

- 409365.** 2486. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409364.
- 409366.** 2487. Fourteen km north of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409367.** 2488. Fourteen km north of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409368.** 2489. Six km southeast of Jansenville, Cape Province. Coarse rhizomes. Growing in disturbed site. Plant.
- 409369.** 2490. Six km southeast of Jansenville, Cape Province. Coarse rhizomes. Growing in disturbed site. Seed of P.I. 409368.
- 409370.** 2491. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409371.** 2492. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409370.
- 409372.** 2493. Six km southeast of Jansenville, Cape Province. May be sterile. Growing in disturbed site. Plant.
- 409373.** 2494. Six km southeast of Jansenville, Cape Province. May be sterile. Growing in disturbed site. Seed of P.I. 409372.
- 409374.** 2495. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409375.** 2496. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409374.
- 409376.** 2497. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409377.** 2498. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409378.** 2499. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409379.** 2500. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409378.
- 409380.** 2501. Lootskloof Road at Sundays River, Cape Province. Plant.
- 409381.** 2502. Lootskloof Road at Sundays River, Cape Province. Seed of P.I. 409380.
- 409382.** 2503. Six km north of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409383.** 2504. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409384.** 2505. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409385.** 2506. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409386.** 2507. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409387.** 2508. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409388.** 2509. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409389.** 2510. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409390.** 2511. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409389.
- 409391.** 2512. Twenty-eight km south of Graaff Reinet, Cape Province. Growing in disturbed site. Seed.
- 409392.** 2513. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409393.** 2514. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409394.** 2515. Lootskloof Road at Sundays River, Cape Province. Seed.
- 409395.** 2516. Six km southeast of Jansenville, Cape Province. Purple seedheads, composite sample. Growing in disturbed site. Seed.
- 409396.** 2517. Lootskloof Road at Sundays River, Cape Province. Seed.
- 409397.** 2518. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409398.** 2519. Six km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409399.** 2520. Four km south of Graaff Reinet, Cape Province. Growing in disturbed site. Seed.
- 409400.** 2521. Four km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409401.** 2522. Four km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409402.** 2523. Four km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409403.** 2524. On Jansenville Road, 20 km south of Graaff Reinet, Cape Province. Growing in disturbed site. Seed.
- 409404.** 2525. Thirty-six km southeast of Graaff Reinet, Cape Province. Growing in disturbed site. Seed.
- 409405.** 2526. Six km southeast of Graaff Reinet, Cape Province. Growing in disturbed site. Seed.
- 409406.** 2527. Five km north of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409407.** 2528. Twenty km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed.
- 409408.** 2529. Lootskloof Road at Sundays River, Cape Province. Seed.
- 409409.** 2530. Four km southeast of Graaff Reinet, Cape Province. Growing in disturbed site. Seed.
- 409410.** 2537. Twenty-one km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409411.** 2538. Twenty-one km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409410.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409412.** 2539. Twenty-seven km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409413.** 2540. Twenty-seven km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409414.** 2541. Twenty-eight km southeast of Jansenville, Cape Province. Growing in disturbed site. Plant.
- 409415.** 2542. Twenty-eight km southeast of Jansenville, Cape Province. Growing in disturbed site. Seed of P.I. 409414.
- 409416.** 2544. Soutkloof River near Wolwefontein, Cape Province. Plants vigorous, blue green foliage. Flowers with pink stigmas. Seed.
- 409417.** 2545. Seven km northwest of Wolwefontein, Cape Province. Growing on open grassland. Plant.
- 409418.** 2546. Seven km northwest of Wolwefontein, Cape Province. Growing on open grassland. Seed of P.I. 409417.
- 409419.** 2547. Soutkloof River, northeast of Steytlerville, Cape Province. Plants medium height. Foliage blue green, flowers with pink stigmas. Plant.
- 409420.** 2548. Soutkloof River, northeast of Steytlerville, Cape Province. Plants medium height. Foliage blue green, flowers with pink stigmas. Seed of P.I. 409421.
- 409421.** 2549. Soutkloof River near Steytlerville, Cape Province. Flowers with pink stigmas. Plant.
- 409422.** 2550. Soutkloof River near Steytlerville, Cape Province. Flowers with pink stigmas. Seed of P.I. 409421.
- 409423.** 2551. Soutkloof River near Steytlerville, Cape Province. Flowers with pink stigmas. Plant.
- 409424.** 2552. Seven km northeast of Steytlerville, Cape Province. Growing on open grassland. Seed.
- 409425.** 2553. Kleinpoort, Cape Province. Growing on open grassland. Seed.
- 409426.** 2554. Seven km northwest of Wolwefontein, Cape Province. Growing on open grassland. Seed.
- 409427.** 2555. At intersection of Jansenville–Mount Stewart Road, Cape Province. Growing on open grassland. Seed.
- 409428.** 2556. Twenty km southeast of Jansenville, Cape Province. Growing on open grassland. Seed.
- 409429.** 2557. On Jansenville–Steytlerville Road, Cape Province. Growing on open grassland. Seed.
- 409430.** 2569. Nine km west of Jansenville, Cape Province. Growing on open grassland. Seed.
- 409431.** 2570. Eight km south of Oatlands, Cape Province. Growing on open grassland. Seed.
- 409432.** 2571. On Highway N-1, 18 km northeast of Aberdeen, Cape Province. Growing in disturbed site. Seed.
- 409433.** 2572. Twenty km west of Jansenville, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409434.** 2573. Three km northwest of Klipplaat, Cape Province. Growing on open grassland. Seed.
- 409435.** 2574. Twelve km west of Jansenville, Cape Province. Growing on open grassland. Seed.
- 409436.** 2583. Near Klipplaat, Cape Province. Growing on open grassland. Plant.
- 409437.** 2584. Near Klipplaat, Cape Province. Growing on open grassland. Seed of P.I. 409436.
- 409438.** 2585. On Klippcott River, Glen Harry, Cape Province. Growing on open grassland. Plant.
- 409439.** 2586. On Klippcott River, Glen Harry, Cape Province. Growing on open grassland. Seed of P.I. 409438.
- 409440.** 2587. On Klippcott River, Glen Harry, Cape Province. Growing on open grassland. Plant.
- 409441.** 2588. On Klippcott River, Glen Harry, Cape Province. Growing on open grassland. Seed of P.I. 409440.
- 409442.** 2589. Aberdeen, Cape Province. Growing on waste grounds. Seed.
- 409443.** 2590. Twelve km northeast of Aberdeen, Cape Province. Growing in disturbed site. Seed.
- 409444.** 2591. Twelve km northeast of Aberdeen, Cape Province. Growing in disturbed site. Seed.
- 409445.** 2592. Eighteen km northeast of Aberdeen, Cape Province. Growing on disturbed site. Seed.
- 409446.** 2593. Eighteen km northeast of Aberdeen, Cape Province. Growing in disturbed site. Seed.
- 409447.** 2594. Aberdeen, Cape Province. Growing on waste grounds. Seed.
- 409448.** 2595. Three km west of Jansenville, Cape Province. Growing on open grassland. Seed.
- 409449.** 2601. Three km north of Steytlerville, Cape Province. Growing on open grassland. Seed.
- 409450.** 2619. Content Railroad Station, 10 km northwest of Jan Kempdorp, Cape Province. Growing in disturbed site. Seed.
- 409451.** 2620. Three km west of Wembleton Railroad Station, Cape Province. Growing on open grassland. Plant.
- 409452.** 2621. Three km west of Wembleton Railroad Station, Cape Province. Growing on open grassland. Seed of P.I. 409451.
- 409453.** 2623. Five km northwest of Content Railroad Station, Cape Province. Growing on open grassland. Seed.
- 409454.** 2624. Twenty-four km northwest of Christiana, Transvaal. Plants to 3 m tall in open shrub. Growing on open grassland. Seed.
- 409455.** 2625. Four km southwest of Jan Kempdorp, Cape Province. Growing in disturbed site. Seed.
- 409456.** 2626. Twenty-four km northwest of Christiana, Transvaal. Growing on open grassland. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409457.** 2627. Five km northwest of Content Railroad Station, Cape Province. Growing on open grassland. Seed.
- 409458.** 2628. Seven km north of Windsorton Station, Cape Province. Growing on open grassland. Seed.
- 409459.** 2629. Four km north of Windsorton, Cape Province. Mixture of seed. Growing on open grassland. Seed.
- 409460.** 2630. Nine km west of Christiana, Transvaal. Growing on open grassland. Seed.
- 409461.** 2631. Eight km northwest of Content Railroad Station, Cape Province. Growing on open grassland. Seed.
- 409462.** 2632. Content Railroad Station, Cape Province. Growing on open grassland. Seed.
- 409463.** 2633. Three km northeast of Windsorton, Cape Province. Growing on open grassland. Seed.
- 409464.** 2634. Nine km east of Windsorton, Cape Province. Growing on open grassland. Seed.
- 409465.** 2635. Content Railroad Station, Cape Province. Growing on open grassland. Seed.
- 409466.** 2636. Twenty km northwest of Christiana, Transvaal. Blue-green foliage. Growing on open grassland. Seed.
- 409467.** 2637. Content Railroad Station, Cape Province. Growing on open grassland. Seed.
- 409468.** 2638. Four km south of Jan Kempdorp, Cape Province. Growing in disturbed site. Seed.
- 409469.** 2639. Five km south of Windsorton, Cape Province. Growing on open grassland. Plant.
- 409470.** 2650. Twelve km north of Jan Kempdorp, Cape Province. Growing in disturbed site. Plant.
- 409471.** 2651. Twelve km north of Jan Kempdorp, Cape Province. Growing on open grassland. Seed.
- 409472.** 2652. On Highway S-7, 110 km north of Vryburg, Cape Province. Growing in disturbed site. Plant.
- 409473.** 2653. On Highway S-7, 110 km north of Vryburg, Cape Province. Growing in disturbed site. Seed of P.I. 409472.
- 409474.** 2655. Twelve km north of Jan Kempdorp, Cape Province. Growing in disturbed site. Seed.
- 409475.** 2656. Tosca, Cape Province. Growing on waste grounds. Seed.
- 409476.** 2657. Tosca, Cape Province. Growing on waste grounds. Seed.
- 409477.** 2658. Six km north of Jan Kempdorp, Cape Province. Growing in disturbed site. Seed.
- 409478.** 2660. Van der Berg, Arrogon Farm, Vergelegen, Cape Province. Growing on open grassland. Seed.
- 409479.** 2661. Twelve km north of Jan Kempdorp, Cape Province. Growing in disturbed site. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409480.** 2662. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Seed.
- 409481.** 2663. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Local selection, cultivated. Seed.
- 409482.** 2664. Jan Kempdorp, Cape Province. Growing on waste grounds. Seed.
- 409483.** 2680. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409484.** 2682. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Green foliage. Growing on open grassland. Plant.
- 409485.** 2685. Fifteen km north of Vryburg, Cape Province. Growing in disturbed site. Plant.
- 409486.** 2687. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Plant.
- 409487.** 2689. Jan Kempdorp, Cape Province. Rhizomatous. Growing in waste grounds. Plant.
- 409488.** 2695. Army Depot, Jan Kempdorp, Cape Province. Growing on open grassland. Seed.
- 409489.** 2696. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Short plants with green foliage. Growing on open grassland. Seed.
- 409490.** 2697. G. Speedy, Zoetvlei Farm 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409491.** 2698. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409492.** 2699. One km south of Jan Kempdorp, Cape Province. Growing in disturbed site on highway. Seed.
- 409493.** 2700. Army Depot, Jan Kempdorp, Cape Province. Growing on open grassland. Seed.
- 409494.** 2701. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409495.** 2702. One km south of Jan Kempdorp, Cape Province. Growing in disturbed site on highway. Seed.
- 409496.** 2703. On Highway S-4, 90 km north of Warrenton, Cape Province. Blue-green foliage, many seedheads. Seed.
- 409497.** 2704. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409498.** 2705. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409499.** 2706. On Highway S-4, 90 km north of Warrenton, Cape Province. Growing in disturbed site. Seed.
- 409500.** 2707. On Highway S-4, 90 km north of Warrenton, Cape Province. Green foliage, many seedheads. Growing in disturbed site. Seed.
- 409501.** 2708. Highway S-4, 10 km south of Vryburg, Cape Province. Slender seedheads. Growing in disturbed site. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409502.** 2709. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Composite sample of various types, possible sexual origin. Growing on first hill. Seed.
- 409503.** 2710. G. Speedy, Zoetvlei Farm 50 km northwest of Vryburg, Cape Province. Composite sample of various types, possible sexual origin. Growing on first hill. Seed.
- 409504.** 2711. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Composite sample of various types, possible sexual origin. Growing on first hill. Seed.
- 409505.** 2714. Towoomba Research Station, Warmbaths, Transvaal. Indigenous. Seed.
- 409506.** 2715. On Highway N-1, Pienaris River, Transvaal. Dark seedheads, green foliage. Growing in disturbed site. Seed.
- 409507.** 2716. Towoomba Research Station, Warmbaths, Transvaal. Cultivated. Seed.
- 409508.** 2717. Towoomba Research Station, Warmbaths, Transvaal. Indigenous. Seed.
- 409509.** 2718. Q 3532. Towoomba Research Station, Warmbaths, Transvaal. Cultivated. Seed.
- 409510.** 2719. Towoomba Research Station, Warmbaths, Transvaal. Mixture of types. Cultivated. Seed.
- 409511.** 2721. Towoomba Research Station, Warmbaths, Transvaal. Many seedheads, foliage blue green. Escape plants on Station. Seed.
- 409512.** 2722. Towoomba Research Station, Warmbaths, Transvaal. Flowers have extra long bristles. Originally from Southwest Africa. Cultivated. Seed.
- 409513.** 2723. Q 1004. Towoomba Research Station, Warmbaths, Transvaal. Very low seed production. Cultivated. Seed.
- 409514.** 2724. 'Green type 2'. Towoomba Research Station, Warmbaths, Transvaal. Originally from Southwest Africa. Cultivated. Seed.
- 409515.** 2726. Q 2948. Towoomba Research Station, Warmbaths, Transvaal. Seed.
- 409516.** 2729. Towoomba Research Station, Warmbaths, Transvaal. Originally from Southwest Africa. Seed.
- 409517.** 2730. On Highway N-1, 30 km south of Warmbaths, Transvaal. Growing on disturbed site. Seed.
- 409518.** 2731. Towoomba Research Station, Warmbaths, Transvaal. Originally from Angola. Seed.
- 409519.** 2732. 'Towoomba'. Towoomba Research Station, Warmbaths, Transvaal. Seed.
- 409520.** 2733. Q 1006. Towoomba Research Station, Warmbaths, Transvaal. Seed.
- 409521.** 2734. On Highway N-1, Pienaris River, Transvaal. Growing in disturbed site. Seed.
- 409522.** 2735. Towoomba Research Station, Warmbaths, Transvaal. Long, slender, dark seedheads. Seed.

409104 to 410294 —Continued**409142 to 409722 —Continued**

- 409523.** 2736. Tootoomba Research Station, Warmbaths, Transvaal. Indigenous. Seed.
- 409524.** 2737. Tootoomba Research Station, Warmbaths, Transvaal. Plant.
- 409525.** 2741. Tootoomba Research Station, Warmbaths, Transvaal. Seed.
- 409526.** 2745. Tootoomba Research Station, Warmbaths, Transvaal. Indigenous. Seed.
- 409527.** 2747. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409528.** 2748. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409529.** 2749. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409530.** 2750. On Highway N-1, 15 km north of Naboomspruit, Transvaal. Growing in disturbed site. Seed.
- 409531.** 2751. On Highway N-1, 5 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409532.** 2752. On Highway N-1, 5 km north of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409533.** 2753. On Highway N-1, 5 km north of Potgietersrus, Transvaal. Narrow, slender seedheads. Green foliage. Growing in disturbed site. Seed.
- 409534.** 2754. On Highway N-1, 5 km north of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409535.** 2755. On Highway N-1, 3 km south of Naboomspruit, Transvaal. Growing in disturbed site. Seed.
- 409536.** 2756. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409537.** 2757. On Highway N-1, 5 km north of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409538.** 2758. On Highway N-1, 9 km south of Potgietersrus, Transvaal. Short plants with green foliage. Growing in disturbed site. Seed.
- 409539.** 2759. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409540.** 2760. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409541.** 2761. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409542.** 2762. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409543.** 2763. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.
- 409544.** 2764. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409545.** 2765. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409546.** 2766. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409547.** 2767. On Highway N-1, 80 km south of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409548.** 2770. On Highway N-1, 9 km south of Potgietersrus, Transvaal. Plants without seedheads. Growing in disturbed site. Plant.
- 409549.** 2771. On Highway N-1, 9 km south of Potgietersrus, Transvaal. Growing in disturbed site. Plant.
- 409550.** 2776. Twenty km east of Mara Research Station, Transvaal. Short plants. Growing in disturbed site. Seed.
- 409551.** 2777. Mara Research Station, Transvaal. Plot 1, mixture of types. Seed.
- 409552.** 2778. Mara Research Station, Transvaal. Plot 4, mixture of types. Seed.
- 409553.** 2779. Mara Research Station, Transvaal. Plot 3, mixture of types. Seed.
- 409554.** 2780. Twenty km east of Mara Research Station, Transvaal. Growing in disturbed site. Seed.
- 409555.** 2781. Highway N-1, 20 km south of Messina, Transvaal. Growing in disturbed site on alkaline soil. Seed.
- 409556.** 2782. On Highway N-1, 50 km north of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409557.** 2783. On Highway N-1, 43 km north of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409558.** 2784. On Highway N-1, 8 km north of Messina, Transvaal. Growing in disturbed site. Seed.
- 409559.** 2785. Limpopo Valley, north of Messina, Transvaal. Growing on open grassland. Seed.
- 409560.** 2786. Twenty km east of Mara Research Station, Transvaal. Growing on open grassland. Seed.
- 409561.** 2787. On Highway N-1, 30 km south of Messina, Transvaal. Growing in disturbed site. Seed.
- 409562.** 2788. On Highway N-1, 5 km east of Mara Research Station, Transvaal. Growing in disturbed site. Seed.
- 409563.** 2789. Twenty km east of Mara Research Station, Transvaal. Growing in disturbed site. Seed.
- 409564.** 2790. Mara Research Station, Transvaal. Growing on open grassland. Seed.
- 409565.** 2791. Mara Research Station, Transvaal. Growing on open grassland. Seed.
- 409566.** 2793. Twenty km east of Mara Research Station, Transvaal. Growing in disturbed site. Seed.
- 409567.** 2794. Sand River, Mara Research Station, Transvaal. Short plants with dark seedheads. Growing on open grassland. Plant.
- 409568.** 2795. Sand River, Mara Research Station, Transvaal. Short plants with dark seedheads. Growing on open grassland. Seed of P.I. 409567.

409104 to 410194—Continued**409142 to 409722—Continued**

- 409569.** 2797. On Highway N-1, 50 km north of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409570.** 2798. Soutpansberg Mountains on Highway N-1, 32 km north of Louis Trichardt, Transvaal. Growing in disturbed site. Plant.
- 409571.** 2799. Soutpansberg Mountains on Highway N-1, 32 km north of Louis Trichardt, Transvaal. Growing in disturbed site. Seed of P.I. 409570.
- 409572.** 2800. Mara Research Station, Transvaal. Growing on open grassland. Plant.
- 409573.** 2801. Mara Research Station, Transvaal. Long seedheads, sparse spikelets. Growing on open grassland. Seed of P.I. 409572.
- 409574.** 2806. Mara Research Station, Transvaal. Growing on open grassland. Plant.
- 409575.** 2807. Mara Research Station, Transvaal. Growing on open grassland. Seed of P.I. 409574.
- 409576.** 2809. Mara Research Station, Transvaal. Plot 2, mixture of types. Seed.
- 409577.** 2820. Ten km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.
- 409578.** 2821. Twenty km west of Louis Trichardt on Vivo Road. Growing in disturbed site. Seed.
- 409579.** 2822. On Vivo Road, 45 km west of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409580.** 2823. Eight km east of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409581.** 2824. Ten km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.
- 409582.** 2825. Twenty-one km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.
- 409583.** 2826. Two km east of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409584.** 2827. Thirty km west of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.
- 409585.** 2829. One km north of Vivo, Transvaal. Growing in waste grounds. Seed.
- 409586.** 2830. Three km north of Vivo, Transvaal. Growing on open grassland. Seed.
- 409587.** 2831. Five km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.
- 409588.** 2832. Five km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.
- 409589.** 2833. On Alldays Road, 3 km north of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409590.** 2834. Ten km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409591.** 2835. Ten km west of Waterpoort, Transvaal. Growing in disturbed site. Seed.
- 409592.** 2836. On Alldays Road, 2 km north of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409593.** 2837. On Alldays Road, 3 km north of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409594.** 2838. Two km east of Vivo, Transvaal. Growing on open grassland. Seed.
- 409595.** 2839. Two km east of Vivo, Transvaal. Growing on open grassland. Seed.
- 409596.** 2840. Two km east of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409597.** 2841. Two km east of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409598.** 2842. Three km north of Vivo, Transvaal. Blue-green foliage. Growing in disturbed site. Seed.
- 409599.** 2843. Three km north of Vivo, Transvaal. Growing in disturbed site. Seed.
- 409600.** 2844. Mountain Ranch, Sending, Transvaal. Growing in open grassland. Plant.
- 409601.** 2845. Mountain Ranch, Sending, Transvaal. Growing on open grassland. Seed of P.I. 409600.
- 409602.** 2846. Two km east of Vivo, Transvaal. Growing on open grassland. Plant.
- 409603.** 2847. Two km east of Vivo, Transvaal. Growing on open grassland. Seed of P.I. 409602.
- 409604.** 2848. Mountain Ranch, Sending, Transvaal. Growing on open grassland. Plant.
- 409605.** 2849. Twenty km east of Vivo, Transvaal. Tall plants with very few seedheads. Growing in disturbed site. Plant.
- 409606.** 2850. On Alldays Road, 1 km north of Vivo, Transvaal. Dark green foliage. Growing in disturbed site. Plant.
- 409607.** 2862. Ivy Ranch, Munnik, Transvaal. Growing on open grassland. Plant.
- 409608.** 2863. Ivy Ranch, Munnik, Transvaal. Growing on open grassland. Seed of P.I. 409607.
- 409609.** 2868. Ivy Ranch, Munnik, Transvaal. Indigenous, planted in field. Seed.
- 409610.** 2873. Dendron, Transvaal. Mixture of plant types. Growing in disturbed site. Seed.
- 409611.** 2874. Dendron, Transvaal. Growing in disturbed site. Seed.
- 409612.** 2875. Dendron, Transvaal. Growing in disturbed site. Seed.
- 409613.** 2876. Dendron, Transvaal. Growing in waste grounds. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409614.** 2878. Dendron, Transvaal. Growing in waste grounds. Seed.
- 409615.** 2879. Dendron, Transvaal. Short plants. Growing in waste grounds. Seed.
- 409616.** 2880. Dendron, Transvaal. Mixture of types growing together in waste grounds. Seed.
- 409617.** 2881. Dendron, Transvaal. Growing in waste grounds. Seed.
- 409618.** 2882. On Dendron Road, 33 km north of Pietersburg, Transvaal. Growing in disturbed site. Seed.
- 409619.** 2883. On Dendron Road, 33 km north of Pietersburg, Transvaal. Growing in disturbed site. Seed.
- 409620.** 2894. Nine km south of Thabazimbi, Transvaal. Growing in disturbed site. Plant.
- 409621.** 2895. Nine km south of Thabazimbi, Transvaal. Growing in disturbed site. Seed of P.I. 409620.
- 409622.** 2896. On Highway N-1, 3 km north of Pienaars River, Transvaal. Growing on disturbed site. Seed.
- 409623.** 2897. Two km west of Radium, Transvaal. Growing in disturbed site. Seed.
- 409624.** 2898. Nine km south of Thabazimbi, Transvaal. Growing in disturbed site. Seed.
- 409625.** 2904. Intersection of Thabazimbi-Makappo Road, Transvaal. Blue-green foliage. Growing in disturbed site. Seed.
- 409626.** 2905. Five km south of Thabazimbi Transvaal. Growing on open grassland. Seed.
- 409627.** 2907. On Makappo Road, 32 km northwest of Thabazimbi, Transvaal. Green foliage. Growing in disturbed site. Seed.
- 409628.** 2908. Thirty-two km northwest of Thabazimbi, Transvaal. Rhizomatous. Growing in disturbed site. Rhizomes.
- 409629.** 2909. Thirty-two km northwest of Thabazimbi, Transvaal. Rhizomatous. Growing in disturbed site. Seed of P.I. 409628.
- 409630.** 2910. Fifteen km south of Makappo, Transvaal. Rhizomatous plant with wine seedheads and green foliage. Growing in disturbed site. Rhizomes.
- 409631.** 2911. Fifteen km south of Makappo, Transvaal. Rhizomatous plant with wine seedheads and green foliage. Growing in disturbed site. Seed of P.I. 409630.
- 409632.** 2912. Fifteen km northwest of Thabazimbi, Transvaal. Growing on open grassland. Plant.
- 409633.** 2913. Fifteen km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed of P.I. 409632.
- 409634.** 2914. Ten km north of Thabazimbi, Transvaal. Growing on open grassland. Plant.
- 409635.** 2915. Ten km north of Thabazimbi, Transvaal. Growing on open grassland. Seed of P.I. 409634.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409636.** 2916. On Makappo Road, 32 km northwest of Thabazimbi, Transvaal. Growing on open grassland. Plant.
- 409637.** 2917. On Makappo Road, 32 km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed of P.I. 409636.
- 409638.** 2919. On Makappo Road, 32 km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed.
- 409639.** 2920. On Makappo Road, 32 km northwest of Thabazimbi, Transvaal. Growing on open grassland. Plant.
- 409640.** 2921. On Makappo Road, 32 km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed of P.I. 409639.
- 409641.** 2922. Ten km northwest of Thabazimbi, Transvaal. Growing in disturbed site. Plant.
- 409642.** 2923. Ten km northwest of Thabazimbi, Transvaal. Growing in disturbed site. Seed of P.I. 409641.
- 409643.** 2926. Five km south of Thabazimbi, Transvaal. Growing in disturbed site. Seed.
- 409644.** 2927. Twenty km south of Makappo, Transvaal. Growing in disturbed site. Seed.
- 409645.** 2938. Eight km south of Makappo, Transvaal. Growing in open grassland. Plant.
- 409646.** 2948. Thabazimbi, Transvaal. Growing in waste grounds. Seed.
- 409647.** 2949. Ten km north of Thabazimbi, Transvaal. Growing in disturbed site. Seed.
- 409648.** 2958. Eight km north of Northam, Transvaal. Mixed sample. Growing on open grassland. Seed.
- 409649.** 2959. Eight km north of Northam, Transvaal. Growing on open grassland. Seed.
- 409650.** 2960. Eighteen km southwest of Rustenburg, Transvaal. Growing on open grassland. Seed.
- 409651.** 2961. Eight km north of Northam, Transvaal. Growing on open grassland. Seed.
- 409652.** 2962. Skylark Farm, 25 km southwest of Rustenburg, Transvaal. Growing on open grassland. Seed.
- 409653.** 2963. 'Molopo' type. Planted on M. G. Snyman Farm, southwest of Rustenburg, Transvaal. Seed.
- 409654.** 2964. Twenty-eight km south of Thabazimbi, Transvaal. Growing in disturbed site along highway. Seed.
- 409655.** 2965. Twenty-eight km south of Thabazimbi, Transvaal. Growing in disturbed site along highway. Seed.
- 409656.** 2966. Eight km north of Northam, Transvaal. Growing in disturbed site on highway. Seed.
- 409657.** 2967. Eighteen km north of Northam, Transvaal. Blue-green foliage, abundant seedheads. Growing in disturbed site on highway. Seed.
- 409658.** 2968. Eight km north of Northam, Transvaal. Growing in disturbed site on highway. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409659.** 2970. Doornlaagte Farm, 22 km southwest of Rustenburg, Transvaal. Growing on open grassland. Plant.
- 409660.** 2971. Eight km north of Northam, Transvaal. Strongly rhizomatous plant with blue-green foliage. Growing in disturbed site on highway. Plant.
- 409661.** 2973. Eight km north of Northam, Transvaal. Growing in disturbed site. Plant.
- 409662.** 2974. Eight km north of Northam, Transvaal. Growing in disturbed site. Plant.
- 409663.** 2975. Twenty-eight km south of Thabazimbi, Transvaal. Growing in disturbed site on highway. Plant.
- 409664.** 2977. Skylark Farm, 25 km southwest of Rustenburg, Transvaal. Growing on open grassland. Plant.
- 409665.** 2978. Eight km north of Northam, Transvaal. Growing in disturbed site on railroad. Seed.
- 409666.** 2981. Brits, Transvaal. Cultivated. Seed.
- 409667.** 3116. Towoomba Research Station, Warmbaths, Transvaal. Seed.
- 409668.** 3117. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rustenburg. Giant blue type. Registry No. 46. Seed.
- 409669.** 3118. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Marico. Giant blue type. Registry No. 47. Seed.
- 409670.** 3119. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Kuruman, Cape Province. Giant blue type. Registry No. 51. Seed.
- 409671.** 3120. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Thabazimbi. Giant blue type. Registry No. 63. Seed.
- 409672.** 3121. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Thabazimbi. Giant blue type. Registry No. 65. Seed.
- 409673.** 3122. Q 1004. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Queensland, Australia. Giant blue type. Registry No. 84. Seed.
- 409674.** 3123. Roodeplaat Research Station, Pretoria, Transvaal. Giant blue type. Registry No. 99. Seed.
- 409675.** 3124. 'Molopo'. Roodeplaat Research Station, Pretoria, Transvaal. Registry No. 109. Seed.
- 409676.** 3125. 42/8. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Potchefstroom Agricultural College. Giant blue type. Registry No. 117. Seed.
- 409677.** 3126. 'Tarewinnebar'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from northwestern Cape Province. Giant green type. Registry No. 105. Seed.
- 409678.** 3127. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Vaalhartz Research Station, Cape Province. Giant green type. Registry No. 113. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409679.** 3128. Roodeplaas Research Station, Pretoria, Transvaal. Medium large, blue type. Registry No. 25. Seed.
- 409680.** 3129. 'Biloela'. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Australia. Medium large, blue type. Registry No. 73. Seed.
- 409681.** 3130. 'Chipinga foptail'. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Australia. Medium large, blue type. Registry No. 74. Seed.
- 409682.** 3131. 'Boorara'. Q 2953. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Australia. Medium large, blue type. Registry No. 92. Seed.
- 409683.** 3132. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Beaufort West, Cape Province. Medium large, blue type. Registry No. 93. Seed.
- 409684.** 3133. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Vaalhartz Research Station, Cape Province. Medium large, blue type. Registry No. 114. Seed.
- 409685.** 3134. Roodeplaas Research Station, Pretoria, Transvaal. Originally from East Africa. Medium large, blue type. Registry No. 35. Seed.
- 409686.** 3135. Roodeplaas Research Station, Pretoria, Transvaal. Originally from East Africa. Medium large, blue type. Registry No. 36. Seed.
- 409687.** 3136. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Thabazimbi. Medium large, greenish-blue type. Registry No. 67. Seed.
- 409688.** 3137. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Thabazimbi. Medium large, greenish-blue type. Registry No. 70. Seed.
- 409689.** 3138. Roodeplaas Research Station, Pretoria, Transvaal. Medium large, greenish-blue type. Registry No. 26. Seed.
- 409690.** 3139. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Grasslands Research Station, Rhodesia. Medium large, greenish-blue type. Registry No. 33. Seed.
- 409691.** 3140. Roodeplaas Research Station, Pretoria, Transvaal. Medium large, greenish-blue type. Registry No. 121. Seed.
- 409692.** 3141. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Roedtan. Medium large, dark green type. Registry No. 55. Seed.
- 409693.** 3142. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Thabazimbi. Medium large, dark green type. Registry No. 72. Seed.
- 409694.** 3143. Roodeplaas Research Station, Pretoria, Transvaal. Originally from East Africa. Medium large, dark green type. Registry No. 39. Seed.
- 409695.** 3144. Roodeplaas Research Station, Pretoria, Transvaal. Originally from Tsotsoroga Pan, Kalahari. Medium large, dark green type. Registry No. 56. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409696.** 3145. Roodeplaat Research Station, Pretoria, Transvaal. Originally from East Africa. Medium large, dark green type. Registry No. 34. Seed.
- 409697.** 3146. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Tanganyika. Medium large, dark green type. Registry No. 38. Seed.
- 409698.** 3147. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Meerdam, Kalahari. Medium large, dark green type. Registry No. 58. Seed.
- 409699.** 3148. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Messina. Medium large, dark green type. Registry No. 50. Seed.
- 409700.** 3149. Roodeplaat Research Station, Pretoria, Transvaal. Originally from United States. Medium large, dark green type. Registry No. 82. Seed.
- 409701.** 3150. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Graudotte. Medium large, dark green type. Registry No. 112. Seed.
- 409702.** 3151. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cradock, Cape Province. Medium short, greenish-blue type. Registry No. 6. Seed.
- 409703.** 3152. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Graaff Reinet, Cape Province. Medium short, greenish-blue type. Registry No. 1. Seed.
- 409704.** 3153. Roodeplaat Research Station, Pretoria, Transvaal. Medium short, greenish-blue type. Registry No. 19. Seed.
- 409705.** 3154. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Karasburg, Southwest Africa. Medium short, greenish-blue type. Registry No. 85. Seed.
- 409706.** 3155. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Graaff Reinet, Cape Province. Medium short, dark blue type. Registry No. 2. Seed.
- 409707.** 3156. 'BP-5'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Towoomba Research Station, Warmbaths. Medium short, dark blue type. Registry No. 95. Seed.
- 409708.** 3157. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Witbank. Medium short, green type. Registry No. 54. Seed.
- 409709.** 3158. Roodeplaat Research Station, Pretoria, Transvaal. Originally from United States. Medium short, green type. Registry No. 4. Seed.
- 409710.** 3159. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Western Australia. Medium short, green type. Registry No. 86. Seed.
- 409711.** 3160. 'Towoomba A'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Towoomba Research Station, Warmbaths. Medium short, green type. Registry No. 110. Seed.
- 409712.** 3161. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Vaalhartz Research Station, Cape Province. Medium short, green type. Registry No. 115. Seed.

409104 to 410294—Continued**409142 to 409722—Continued**

- 409713.** 3162. 'T 4464'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from United States. Medium short, green type. Registry No. 120. Seed.
- 409714.** 3163. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Wyllies Poort. Medium short, green type. Registry No. 48. Seed.
- 409715.** 3164. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Aughrabies Falls, Cape Province. Medium short, green type. Registry No. 76. Seed.
- 409716.** 3165. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Kalahari. Medium short, green type. Registry No. 57. Seed.
- 409717.** 3166. Q 3461. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Australia. Medium short, green type. Registry No. 90. Seed.
- 409718.** 3167. 'Towoomba B'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Towoomba Research Station, Warmbaths. Short, green type. Registry No. 111. Seed.
- 409719.** 3168. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Lodwar, Kenya. Short, green type. Registry No. 43. Seed.
- 409720.** 3169. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Towoomba Research Station, Warmbaths. Short, green type. Registry No. 88. Seed.
- 409721.** 3170. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Gravelotte. Medium large, bluish-green type. Registry No. 61. Seed.
- 409722.** 3171. Brits, Transvaal. Dark green foliage. Growing in waste grounds. Seed.
- 409723 to 409725.** *CHLORIS GAYANA* Kunth Poaceae. **Rhodesgrass.**
- 409723.** 1803. Rietondale Research Station, Pretoria. Foliage to 60 cm high. Plot A 235. Seed.
- 409724.** 1816. Rietondale Research Station, Pretoria. Perennial plant with stolons. Foliage 30 to 40 cm high. Plot A 317. Seed.
- 409725.** 2720. Towoomba Research Station, Warmbaths, Transvaal. Tufted, perennial, stoloniferous plants. Seed.
- 409726.** *CHRYSOPOGON SERRULATUS* Trin. Poaceae.
2647. Nine km southwest of Windsorton, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.
- 409727 and 409728.** *CORTADERIA SELLOANA* (Schult.) Aschers. & Graebn. Poaceae. **Pampasgrass.**
- 409727.** 2691. At park in Jan Kempdorp, Cape Province. Tufted, perennial ornamental with white plume. Plant.
- 409728.** 2692. At park in Jan Kempdorp, Cape Province. Tufted, perennial ornamental with brownish plume. Plant.
- 409729.** *CROTALARIA* sp. Fabaceae.
2643. Twenty-two km northwest of Christiana, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**409730.** CROTALARIA sp.

2886. On Dendron Road, 60 km north of Pietersburg, Transvaal. Yellow flowers, hirsute pods. Growing in disturbed site. Seed.

409731. CROTALARIA sp.

2889. On Dendron Road, 30 km north of Pietersburg, Transvaal. Plants 1 to 2 m tall. Growing in disturbed site. Seed.

409732. CUCUMIS sp. Cucurbitaceae.

2602. Three km north of Steytlerville, Cape Province. Vine with fruits 3 to 5 cm long, 2 to 2.5 cm thick with very short spines. Growing on open grassland. Seed.

409733. CUCUMIS sp.

2713. Forty km south of Vryburg, Cape Province. Vine with fruits 7 to 10 cm long, 2 to 5 cm thick. Fruits dull red when mature, with reddish flesh. Growing on open grassland. Seed.

409734. CUCURBITA MAXIMA Duch. Cucurbitaceae. **Winter squash.**

1937. Ten km west of Magudu, Natal. Growing on farm. Seed.

409735. CUCURBITA sp.

1904. Hluhluwe Game Reserve, Natal. Vine with smooth, yellow to orange fruit. Growing in rock quarry. Seed.

409736. CYMBOPOGON PLURINODIS (Stapf) Burtt-Davy Poaceae.

Turpentine grass.

2943. Fifty km northwest of Thabazimbi, Transvaal. Tufted, perennial plant 1.5 to 2.5 m tall. Growing on open grassland. Seed.

409737 to 409741. CYNODON DACTYLON (L.) Pers. Poaceae.

Bermudagrass.

409737. 1941. Royal Durban Golf Club, Durban, Natal. Stems very fine. Bermudagrass and St. Augustinegrass growing in compatible mixture on fairways. Stolons.

409738. 1947. Five km north of Durban, Natal. Mixed sample growing in coastal sand. Possibly tolerant to salt and shade. Stolons.

409739. 2459. Fish River, 12 km northwest of Cradock, Cape Province. Stoloniferous perennial plant with short, narrow leaves. Growing in sandy soil. Stolons.

409740. 2575. Ten km west of Jansenville, Cape Province. Growing on open grassland. Stolons.

409741. 2648. Vaalhartz Experiment Station, Cape Province. Coarse form. Growing in waste grounds. Stolons.

409742 to 409751. CYNODON PLECTOSTACHYUS (K. Schum.) Pilg.

Stargrass.

409742. 1905. Louis van Vuuren Farm, 10 km west of Magudu, Natal. Stoloniferous, perennial plant 230 to 250 cm tall. Coarse stems, foliage dark green. Stolons.

409743. 1927. Five km east of Melmoth, Natal. Elevation 900 m. Stoloniferous, perennial plant. Growing in planted pasture. Stolons.

409744. 1928. Nilsen Farm, Mtunzini, Natal. Stoloniferous, perennial plant. Growing in plant pasture on sandy soil. Stolons.

409745. 1931. Five km east of Melmoth, Natal. Elevation 1,200 m. Stoloniferous, perennial plant. Growing in planted pasture. Stolons.

409104 to 410294—Continued**409742 to 409751—Continued**

409746. 2739. Towoomba Research Station, Warmbaths, Transvaal. Originally from Rhodesia. Stolons.

409747. 3004. 'Magugu'. Roodeplaat Research Station, Pretoria, Transvaal. Stolons.

409748. 3005. 'Nwanedzi'. Roodeplaat Research Station, Pretoria, Transvaal. Stolons.

409749. 3007. 'De Hoek'. Roodeplaat Research Station, Pretoria, Transvaal. Stolons.

409750. 3008. 'Rhodesia 2'. Roodeplaat Research Station, Pretoria, Transvaal. Stolons.

409751. 3009. 'Estcourt'. Roodeplaat Research Station, Pretoria, Transvaal. Stolons.

409752. CYNODON sp.

3002. Municipal Golf Course, Johannesburg, Transvaal. Growing on fairways. Stolons.

409753. DANTHONIA DISTICHA Nees Poaceae.

2152. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Tufted, perennial plant. Growing on open grassland. Seed.

409754 to 409768. DIGITARIA ERIANTHA Steud. Poaceae.

409754. 2139. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Tufted rhizomatous perennial plant. Growing on open grassland. Seed.

409755. 2161. One km west of Middelburg, Cape Province. Seed from several plants. Tufted, rhizomatous perennial plant. Growing on open grassland. Seed.

409756. 2166. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Seed from several plants. Growing on open grassland. Seed.

409757. 2217. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 1,900 m. Tufted, rhizomatous perennial plant. Growing on open grassland. Seed.

409758. 2350. Thirty-five km southwest of Beaufort West, Cape Province. Tufted, rhizomatous perennial plant. Growing on open grassland. Seed.

409759. 2436. Twenty-two km southeast of Vosburg, Cape Province. Elevation 1,330 m. Growing on open grassland. Seed.

409760. 2437. Fifteen km southeast of De Aar, Cape Province. Growing on open grassland. Seed.

409761. 2438. Twenty-five km southeast of Vosburg, Cape Province. Elevation 1,300 m. Growing on open grassland. Seed.

409762. 2458. Eight km southwest of Cradock, Cape Province. Tufted, rhizomatous, perennial plant. Growing on rocky cliff. Rhizomes.

409763. 2464. Two km northwest of Cradock, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**409754 to 409768—Continued**

409764. 2533. Sundays River, 5 km southwest of Jasenville, Cape Province. Seed.

409765. 2596. Sixteen km northeast of Aberdeen, Cape Province. Rhizomatous, perennial plant. Growing in disturbed site. Rhizomes.

409766. 2597. Sixteen km northeast of Aberdeen, Cape Province. Rhizomatous, perennial plant. Growing in disturbed site. Seed of P.I. 409765.

409767. 2604. Bloemfontein, Orange Free State. Growing in waste grounds. Seed.

409768. 2673. Highway S-7, 110 km north of Vryburg, Cape Province. Growing in disturbed site. Seed.

409769 to 409773. DIGITARIA MILANJIANA (Rendle) Stapf

409769. 1977. 'S-367'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Kuruman, Cape Province. Stoloniferous, perennial plant. Seed.

409770. 1978. 'S-367'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Kuruman, Cape Province. Stoloniferous, perennial plant. Stolons of P.I. 409769.

409771. 1979. 'S-381'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Umfolozi River, Natal. Stolons.

409772. 1980. 'S-380'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Nata River, Botswana. Stolons.

409773. 1983. 'S-92'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Zululand. Stolons.

409774. DIGITARIA NATALENSIS Stent

1956. Underberg-Drakpass Road, Natal. Elevation 1,700 m. Growing on waste grounds. Seed.

409775 to 409783. DIGITARIA PENTZII Stent

409775. 1981. 'S-93'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Kuruman, Cape Province. Stoloniferous, perennial plant. Stolons.

409776. 2684. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Stolons.

409777. 2854. Twenty km east of Vivo, Transvaal. Stoloniferous, hirsute plants. Growing in disturbed site. Stolons.

409778. 2855. Twenty km east of Vivo, Transvaal. Stoloniferous, hirsute plants. Growing in disturbed site. Seed of P.I. 409777.

409779. 2856. Eight km east of Vivo, Transvaal. Growing in disturbed site. Stolons.

409780. 2867. Ivy Ranch, Munnik, Transvaal. Growing on open grassland. Seed.

409781. 2936. Eight km south of Makappo, Transvaal. Stoloniferous, perennial plant. Growing in disturbed site. Stolons.

409782. 2940. Twenty km northwest of Thabazimbi, Transvaal. Stoloniferous, perennial plant. Growing on open grassland. Stolons.

409783. 2972. Ten km southwest of Rustenburg, Transvaal. Growing in disturbed site on highway bank. Stolons.

409104 to 410294—Continued**409784 to 409787. DIGITARIA POLEVANSII Stent**

409784. 2618. 'OGL 73/144'. Glen Agricultural College, Glen, Orange Free State. Strongly stoloniferous, perennial plant. Stolons.

409785. 2669. Vergelegen, Cape Province. Stoloniferous, perennial plant. Growing on waste grounds. Stolons.

409786. 2670. Vergelegen, Cape Province. Stoloniferous, perennial plant. Growing on waste grounds. Seed of P.I. 409785.

409787. 2688. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Stolons.

409788 and 409789. DIGITARIA SMUTSII Stent

409788. 2813. Mara Research Station, Transvaal. Tufted, perennial plant. Growing on open grassland. Seed

409789. 2929. Thirty km northwest of Thabazimbi, Transvaal. Tufted, perennial plant. Growing on open grassland. Plant.

409790 to 409793. DIGITARIA VALIDA Stent

409790. 1982. 'S-95'. Cedara Agricultural College, Pietermaritzburg, Natal. Originally from Thabazimbi, Transvaal. Tufted, stoloniferous perennial plant. Stolons.

409791. 2617. 'OGL 73/148'. Glen Agricultural College, Glen, Orange Free State. Originally from Potchefstroom, Transvaal. Strongly stoloniferous, perennial plants. Foliage greyish green. Stolons.

409792. 2743. Towoomba Research Station, Warmbaths, Transvaal. Stolons.

409793. 3013. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietondale Research Station under Plot A 620 and Registry No. 222, Plot 35. Stoloniferous plant. Stolons.

409794. DIGITARIA sp.

1804. Rietondale Research Station, Pretoria. Foliage to 50 cm high, dark green. Shade tolerant. Used as lawngrass. Plot A 238. Stolons.

409795. DIGITARIA sp.

1886. Hluhluwe Game Reserve, Natal. Stoloniferous, perennial plant. Seed-heads have 2 to 3 racemes. Growing in rock quarry. Stolons.

409796. DIGITARIA sp.

1932. Ten km south of Empangani, Natal. Tufted with foliage to 30 cm high. Growing on open grassland. Plant.

409797. DIGITARIA sp.

2188. Eight km southwest of Noupoort, Cape Province. Tufted plant with light green foliage. Growing on open grassland. Seed.

409798. DIGITARIA sp.

2189. One km west of Middelburg, Cape Province. Tufted plants with bluish-green foliage. Growing on open grassland in rocky soil. Plant.

409799. DIGITARIA sp.

2218. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 1,850 m. Growing on open grassland. Seed.

409800. DIGITARIA sp.

2299. On Highway N-9, 5 km northeast of Beaufort West, Cape Province. Tufted plant with many racemes per inflorescence. Growing on disturbed site. Seed.

409104 to 410294—Continued**409801.** DIGITARIA sp.

2300. On Highway N-9, 5 km northeast of Beaufort West, Cape Province. Tufted plants with many racemes per inflorescence. Growing on disturbed site. Vegetative stock of P.I. 409800.

409802. DIGITARIA sp.

2808. On Highway N-1, 50 km north of Louis Trichardt, Transvaal. Stoloniferous, hirsute plants. Growing on disturbed site. Stolons.

409803. DIGITARIA sp.

2884. Dendron, Transvaal. Stoloniferous plant. Growing on waste grounds. Stolons.

409804. DIGITARIA sp.

2885. Dendron, Transvaal. Stoloniferous plant. Growing on waste grounds. Seed of P.I. 409803.

409805. DIGITARIA sp.

2899. Fifteen km west of Radium, Transvaal. Tufted, perennial plant. Growing on open grassland. Seed.

409806. DIGITARIA sp.

2900. Nine km south of Thabazimbi, Transvaal. Stoloniferous, perennial plant. Growing on open grassland. Stolons.

409807. DIGITARIA sp.

2935. Thirty-nine km northwest of Thabazimbi, Transvaal. Stoloniferous, perennial plant, few stolons. Growing on open grassland. Stolons.

409808. DIGITARIA sp.

2954. Twelve km north of Thabazimbi, Transvaal. Growing in field. Seed.

409809. DIGITARIA SWAZILANDENSIS Stent

3012. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietondale Research Station under Plot A 26 and Registry No. 451. Stoloniferous plant. Plot 43. Stolons.

409810. DIGITARIA sp.

3014. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietondale Research Station under Plot A 620 and Registry No. 222. Stoloniferous plant. Plot 35. Stolons.

409811. ECHINOCHLOA PYRAMIDALIS (Lam.) Hitchc. & Chase Poaceae.

Antelope grass.

1800. Rietondale Research Station, Pretoria. Originally from St. Lucia Lake, Natal. Plant 1 to 2 m tall, foliage dark green. Plot A 126. Vegetative stocks.

409812 and 409813. ENNEAPOGON CENCHROIDES (Licht.) C. E. Hubb. Poaceae.

409812. 2352. Highway N-9, 35 km southwest of Beaufort West, Cape Province. Tufted, annual plant. Growing on disturbed site. Seed.

409813. 2645. Twenty-two km northwest of Christiana, Cape Province. Growing on disturbed site along highway. Seed.

409814. ENNEAPOGON SCOPARIUS Stapf

2169. Stadbroke Farm, 20 km southeast of Middelburg, Cape Province. Growing on open grassland in *Cenchrus ciliaris* complex. Seed.

409104 to 410294—Continued

- 409815.** ERAGROSTIS BERGIANA Trin. Poaceae.
2119. Ten km west of Middelburg, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.
- 409816 and 409817.** ERAGROSTIS BICOLOR Nees **Lovegrass.**
409816. 2129. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Tufted, perennial plant. Growing on open grassland. Seed.
409817. 2214. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.
- 409818 and 409819.** ERAGROSTIS CAPENSIS (Thunb.) Trin.
409818. 2022. Ten km north of Tugela River along Highway N-3. Tufted, perennial plant. Growing on open grassland. Seed.
409819. 2064. Ten km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409820 to 409827.** ERAGROSTIS CHLOROMELAS Steud.
409820. 2126. Six km west of Middelburg, Cape Province. Growing on open grassland. Seed.
409821. 2131. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,250 m. Tufted, perennial plant. Growing on open grassland. Seed.
409822. 2132. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,300 m. Growing in open grassland. Seed.
409823. 2144. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,300 m. Growing on open grassland. Seed.
409824. 2179. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing on open grassland on Carlton Mountain. Seed.
409825. 2213. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 2,880 m. Growing on open grassland. Seed.
409826. 2243. Great Brok River, Schoombee, Cape Province. Seed.
409827. 2483. Twenty-two km northwest of Cradock, Cape Province. Growing on open grassland. Seed.
- 409828 to 410052.** ERAGROSTIS CURVULA (Schrad.) Nees **Weeping lovegrass.**
409828. 1798. Rietondale Research Station, Pretoria. Medium seed production. Typical Texas *E. curvula* type. Seed.
409829. 1882. Nzimane River crossing, Hluhluwe Game Reserve, Natal. Tufted, perennial plant. Plant.
409830. 1883. Hluhluwe River, Hluhluwe Game Reserve, Natal. Seed.
409831. 1896. Nzimane River crossing, Hluhluwe Game Reserve, Natal. Seed of P.I. 409829.
409832. 1897. Nzimane River crossing, Hluhluwe Game Reserve, Natal. Plants tall and leafy. Seed.
409833. 1898. Hluhluwe River, Hluhluwe Game Reserve, Natal. Vigorous, leafy plants. Seed.
409834. 1899. Hluhluwe River, Hluhluwe Game Reserve. Natal. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409835.** 1910. Twenty-seven km north of Eshowe, Natal. Growing in disturbed site. Seed.
- 409836.** 1912. Twenty-seven km north of Eshowe, Natal. Elevation 665 m. Growing in disturbed site. Seed.
- 409837.** 1913. Twenty-seven km north of Eshowe, Natal. Elevation 665 m. Growing on open grassland. Seed.
- 409838.** 1943. Royal Durban Golf Course, Royal Durban Golf Club, Durban, Natal. Foliage 45 to 60 cm high. Plants growing along paths and roads. Seeds.
- 409839.** 1954. Bluwer-Underberg Road, Natal. Robusta type. Growing at disturbed site. Seeds.
- 409840.** 1955. Bulwer-Underberg Road, Natal. Elevation 1,800 m. Growing in disturbed site. Seed.
- 409841.** 1957. Underberg-Drakgardens Road, Natal. Elevation 1,700 m. Native green type. Growing in disturbed site. Seed.
- 409842.** 1961. Sani Pass, Natal. Elevation 2,000 m. Seed.
- 409843.** 1962. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409844.** 1963. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409845.** 1964. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409846.** 1965. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409847.** 1966. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409848.** 1967. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409849.** 1968. Sani Pass, Natal. Elevation 2,000 m. Growing on open grassland. Seed.
- 409850.** 1969. Sani Pass, Natal. Elevation 3,000 m. Growing on open grassland. Seed.
- 409851.** 1970. Sani Pass, Natal. Elevation 3,000 m. Growing on open grassland. Seed.
- 409852.** 1971. Sani Pass, Natal. Elevation 3,000 m. Growing on open grassland. Seed.
- 409853.** 1972. Sani Pass, Natal. Elevation 3,000 m. Growing on open grassland. Seed.
- 409854.** 1973. Sani Pass, Natal. Elevation 3,000 m. Growing on open grassland. Seed.
- 409855.** 1974. Sani Pass, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409856.** 1976. Sani Pass Road, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409857.** 1996. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409858.** 1997. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Plants of P.I. 409857.
- 409859.** 1998. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409860.** 2000. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Plant.
- 409861.** 2001. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409862.** 2002. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409863.** 2003. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409864.** 2004. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409865.** 2005. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409866.** 2006. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409867.** 2007. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409868.** 2008. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409869.** 2009. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409870.** 2010. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409871.** 2011. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409872.** 2012. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409873.** 2013. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409874.** 2014. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409875.** 2015. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409876.** 2016. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409877.** 2017. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Seed.
- 409878.** 2019. Highway N-3, at Bloukrantz River, Natal. Growing in disturbed site. Seed.
- 409879.** 2020. Highway N-3, 20 km north of Estcourt, Natal. Growing in disturbed site. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409880.** 2023. On Highway N-3, 2 km south of Ladysmith, Natal. Growing in disturbed site. Seed.
- 409881.** 2024. Along Highway N-3, 3 km south of Ladysmith, Natal. Growing in open grassland. Seed.
- 409882.** 2025. Along Highway N-3, 25 km north of Ladysmith, Natal. Broad leaves. Growing in disturbed site. Seed.
- 409883.** 2026. Along Highway N-3, 26 km north of Ladysmith, Natal. Foliage 50 to 60 cm high. Growing in disturbed site. Seed.
- 409884.** 2028. Along Highway N-3, 27 km north of Ladysmith, Natal. Foliage 70 to 75 cm high. Growing in disturbed site. Seed.
- 409885.** 2029. Along Highway N-3, 27 km north of Ladysmith, Natal. Growing in disturbed site. Seed.
- 409886.** 2044. Ten km north of Newcastle, Natal. Plants heavily grazed on open grassland. Plant.
- 409887.** 2045. Ten km north of Newcastle, Natal. Plants heavily grazed on open grassland. Seed of P.I. 409886.
- 409888.** 2046. Utrecht-Groenvlei Road, Natal. Elevation 1,800 m. Growing in sandy clay soil. Seed.
- 409889.** 2047. Ten km north of Utrecht, Natal. Growing in sandy clay soil. Seed.
- 409890.** 2048. Utrecht-Groenvlei Road, 15 km north of Utrecht, Natal. Seed.
- 409891.** 2049. Utrecht-Groenvlei Road, 15 km north of Utrecht, Natal. Seed.
- 409892.** 2050. Utrecht-Groenvlei Road, 10 km north of Utrecht, Natal. Seed.
- 409893.** 2051. Utrecht-Groenvlei Road, 10 km north of Utrecht, Natal. Mixture of two plant types, large seed. Seed.
- 409894.** 2052. Utrecht-Groenvlei Road, Natal. Seed.
- 409895.** 2053. Fifteen km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409896.** 2054. Fifteen km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409897.** 2055. Seven km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409898.** 2056. Fifteen km northeast of Newcastle, Natal. Plants intermediate between *E. curvula* and *E. plana*. Growing on open grassland. Seed.
- 409899.** 2057. Northeast of Newcastle, Natal. Elevation 1,400 m. Plants stemmy with fine seedheads. Growing on open grassland. Seed.
- 409900.** 2058. Seventeen km northeast of Newcastle, Natal. Plants light green. Growing on open grassland. Seed.
- 409901.** 2059. Seventeen km northeast of Newcastle, Natal. Plants light to intermediate green. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409902.** 2060. Ten km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409903.** 2061. Seventeen km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409904.** 2062. Fifteen km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409905.** 2063. Seventeen km northeast of Newcastle, Natal. Growing on open grassland. Seed.
- 409906.** 2070. Fifteen km southeast of Vryheid, Natal. Growing on open grassland. Seed.
- 409907.** 2071. Fifteen km southeast of Vryheid, Natal. Growing on open grassland. Seed.
- 409908.** 2074. Fifteen km west of Vryheid, Natal. Growing on open grassland. Seed.
- 409909.** 2075. Fifteen km west of Vryheid, Natal. Growing on open grassland. Seed.
- 409910.** 2076. Fifteen km west of Vryheid, Natal. Growing on open grassland. Seed.
- 409911.** 2077. Twenty km southwest of Vryheid, Natal. Vigorous form. Growing on open grassland. Seed.
- 409912.** 2078. Twenty km north of Vryheid, Natal. Growing on open grassland. Seed.
- 409913.** 2079. Ten km northeast of Paulpietersburg, Natal. Growing on open grassland. Seed.
- 409914.** 2080. Twenty-five km south of Wakkerstroom, Natal. Growing on open rangeland. Seed.
- 409915.** 2083. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Tufted, perennial, vigorous plant with inflorescence to 50 cm long. Foliage to 130 cm high. Seed.
- 409916.** 2084. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Foliage bluish green, inflorescence bluish. Plants growing in shade of *Acacia* and in open rangeland. Seed.
- 409917.** 2085. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Foliage bluish green, inflorescence bluish. Plants growing in shade of *Acacia* and in open rangeland. Seed.
- 409918.** 2091. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409919.** 2094. Muller Pass Road, Natal. Elevation 1,900 m. Growing on open grassland. Seed.
- 409920.** 2096. Fourteen km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409921.** 2097. Eleven km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409922.** 2099. Muller Pass Road, Natal. Elevation 1,900 m. Growing on open grassland. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409923.** 2100. Muller Pass Road, Natal. Elevation 1,900 m. Growing on open grassland. Seed.
- 409924.** 2102. Fourteen km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409925.** 2103. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.
- 409926.** 2106. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. New type plant. Growing on open grassland. Seed.
- 409927.** 2109. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Foliage bluish green. Seed.
- 409928.** 2124. Five km west of Middelburg, Cape Province. Growing on open grassland. Seed.
- 409929.** 2127. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409930.** 2128. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409931.** 2133. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409932.** 2134. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,300 m. Growing on open grassland. Seed.
- 409933.** 2136. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,300 m. Typical of species. Growing on open grassland. Seed.
- 409934.** 2138. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409935.** 2143. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,050 m. Growing on open grassland. Seed.
- 409936.** 2146. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409937.** 2148. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409938.** 2149. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409939.** 2151. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,130 m. Growing on open grassland. Seed.
- 409940.** 2172. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing on open grassland on Carlton Mountain. Seed.
- 409941.** 2174. Eight km east of Noupoot, Cape Province. Growing in disturbed site. Seed.
- 409942.** 2176. Eight km east of Noupoot, Cape Province. Growing on open grassland. Seed.
- 409943.** 2177. Eight km east of Noupoot, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409944.** 2183. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Elevation 1,650 m. Growing in open grassland on Carlton Mountain. Seed.
- 409945.** 2185. One km west of Middelburg, Cape Province. Growing on open grassland. Seed.
- 409946.** 2186. One km west of Middelburg, Cape Province. Growing on open grassland. Seed.
- 409947.** 2195. On Middelburg-Graaff Reinet Highway, 20 km south of Middelburg, Cape Province. Growing on open grassland. Seed.
- 409948.** 2207. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Growing on open grassland. Seed.
- 409949.** 2208. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Foliage bluish green. Growing on open grassland. Seed.
- 409950.** 2209. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Growing on open grassland. Seed.
- 409951.** 2210. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Dark green foliage, dark seedheads. Growing on open grassland. Seed.
- 409952.** 2211. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 2,000 m. Light greyish-tan seedheads. Growing on open grassland. Seed.
- 409953.** 2212. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.
- 409954.** 2232. Middelburg, Cape Province. Bluish-green foliage. Growing in waste grounds. Seed.
- 409955.** 2233. Three km northwest of Middelburg, Cape Province. Growing on open grassland. Seed.
- 409956.** 2234. Ten km northwest of Middelburg, Cape Province. Growing on open grassland. Seed.
- 409957.** 2244. Great Brok River, Schoombee, Cape Province. Seed.
- 409958.** 2246. Great Brok River, Schoombee, Cape Province. Bluish-green foliage. Seed.
- 409959.** 2249. Great Brok River, Schoombee, Cape Province. Seed.
- 409960.** 2252. Great Brok River, Schoombee, Cape Province. Growing on open grassland. Seed.
- 409961.** 2256. Sixteen km west of Teebus, Cape Province. Foliage bluish green, soft. Growing on open grassland. Seed.
- 409962.** 2257. Rooispruit, Cape Province. Growing on open grassland. Seed.
- 409963.** 2258. Great Brok River, Schoombee, Cape Province. Growing on open grassland. Seed.
- 409964.** 2259. Great Brok River, Schoombee, Cape Province. Growing on open grassland. Seed.
- 409965.** 2260. On Highway N-9, 5 km southwest of Beaufort West, Cape Province. Growing in disturbed site. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409966.** 2293. On Highway N-9, 5 km east of Three Sisters, Cape Province. Growing in disturbed site. Seed
- 409967.** 2465. Twenty-two km northwest of Cradock, Cape Province. Growing on open grassland. Seed.
- 409968.** 2563. Steytlerville, Cape Province. Growing on waste grounds. Seed.
- 409969.** 2564. Steytlerville, Cape Province. Broadleaf form. Growing on waste grounds. Seed.
- 409970.** 2578. Twelve km northeast of Aberdeen, Cape Province. Typical of species. Growing in disturbed site. Seed.
- 409971.** 2581. Klipcott River, near Glen Harry, Cape Province. Typical of species. Growing on open grassland. Seed.
- 409972.** 2582. Klipcott River, Glen Harry, Cape Province. Typical of species. Growing on open grassland. Seed.
- 409973.** 2605. Bloemfontein, Orange Free State. Growing on waste grounds. Seed.
- 409974.** 2606. Bloemfontein, Orange Free State. Plants intermediate between *E. curvula* and *E. curvula* var. *conferta*. Growing on open grassland. Seed.
- 409975.** 2608. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 409976.** 2609. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 409977.** 2610. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 409978.** 2611. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 409979.** 2612. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 409980.** 2613. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 409981.** 2615. Signal Hill, Bloemfontein, Orange Free State. Typical of species. Seed.
- 409982.** 2693. G. Speedy, Zoetvlei Farm, 50 km northwest of Vryburg, Cape Province. Growing on open grassland. Seed.
- 409983.** 2865. Ivy Ranch, Munnik, Transvaal. Growing on open grassland. Seed.
- 409984.** 2871. Ivy Ranch, Munnik, Transvaal. Plants tend to be stoloniferous. Growing on open grassland. Seed.
- 409985.** 2982. Twenty km east of Rustenburg, Transvaal. Growing in disturbed site. Seed.
- 409986.** 3030. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Swaziland. Green runner type. Registry No. 29. Seed.
- 409987.** 3049. Roodeplaat Research Station, Pretoria, Transvaal. Weeping type. Registry No 87. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 409988.** 3050. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Porterville, Cape Province. Weeping type. Registry No. 121. Seed.
- 409989.** 3051. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Paarl, Cape Province. Weeping type. Registry No. 129. Seed.
- 409990.** 3052. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Sterkstroom, Cape Province. Weeping type. Registry No. 171. Seed.
- 409991.** 3053. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Tanganyika. Weeping type. Registry No. 190. Seed.
- 409992.** 3054. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Picketburg, Cape Province. Weeping type. Registry No. 210. Seed.
- 409993.** 3055. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Gemsbokpark, Botswana. Weeping type. Registry No. 211. Seed.
- 409994.** 3056. 'Ermelo'. Roodeplaat Research Station, Pretoria, Transvaal. Registry No. 228. Seed.
- 409995.** 3057. N 70/85. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Weeping type. Registry No. 230. Seed.
- 409996.** 3058. N 70/68. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Weeping type. Registry No. 231. Seed.
- 409997.** 3059. N 70/68. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Weeping type. Registry No. 232. Seed.
- 409998.** 3060. N 70-83. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Weeping type. Registry No. 235. Seed.
- 409999.** 3061. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Lyttleton, Pretoria. Weeping type. Registry No. 246. Seed.
- 410000.** 3062. 'Umgeni'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Registry No. 268. Seed.
- 410001.** 3063. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cape Province. Green robusta type. Registry No. 5. Seed.
- 410002.** 3064. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Hendrina, Transvaal. Green robusta type. Registry No. 67. Seed.
- 410003.** 3065. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Estcourt Research Farm, Thabamhope, Natal. Green robusta type. Registry No. 174. Seed.
- 410004.** 3066. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Pearston, Cape Province. Green robusta type. Registry No. 204. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 410005.** 3067. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Middelburg, Cape Province. Green robusta type. Registry No. 205. Seed.
- 410006.** 3068. Roodeplaat Research Station, Pretoria, Transvaal. Green robusta type. Seed.
- 410007.** 3069. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Moorhoek Farm, Piet Retief. Green robusta type. Registry No. 227. Seed.
- 410008.** 3070. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Oslo Beach, Natal. Green robusta type. Registry No. 239. Seed.
- 410009.** 3071. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Oslo Beach, Natal. Green robusta type. Registry No. 240. Seed.
- 410010.** 3072. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Colbyn. Green robusta type. Registry No. 251. Seed.
- 410011.** 3073. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Klipfontein Farm, Ermelo. Green robusta type. Registry No. 262. Seed.
- 410012.** 3074. Roodeplaat Research Station, Pretoria, Transvaal. Roodeplaat selection. Green robusta type. Registry No. 264. Seed.
- 410013.** 3075. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Webbehend. Green robusta type. Registry No. 270. Seed.
- 410014.** 3076. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Uitgezocht Farm, Amersfort. Green robusta type. Registry No. 271. Seed.
- 410015.** 3077. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Frankenburg Farm, Johannesburg. Blue robusta type. Registry No. 10. Seed.
- 410016.** 3078. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietvlei, Pretoria. Blue robusta type. Registry No. 18. Seed.
- 410017.** 3079. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Port Elizabeth, Cape Province. Blue robusta type. Registry No. 19. Seed.
- 410018.** 3080. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Uitenhage, Cape Province. Blue robusta type. Registry No. 36. Seed.
- 410019.** 3081. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cape Province. Blue robusta type. Registry No. 56. Seed.
- 410020.** 3082. Roodeplaat Research Station, Pretoria, Transvaal. Originally from De Doorns, Cape Province. Blue robusta type. Registry No. 84. Seed.
- 410021.** 3083. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Worcester, Cape Province. Blue robusta type. Registry No. 126. Seed.
- 410022.** 3084. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Makwassie, Transvaal. Blue robusta type. Registry No. 150. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 410023.** 3085. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Pretoria. Blue robusta type. Registry No. 166. Seed.
- 410024.** 3086. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Estcourt Research Farm, Thabamhlope, Natal. Blue robusta type. Registry No. 175. Seed.
- 410025.** 3087. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Tanganyika. Blue robusta type. Registry No. 224. Seed.
- 410026.** 3088. N 70/81. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Blue robusta type. Registry No. 233. Seed.
- 410027.** 3089. N 70/82. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Blue robusta type. Registry No. 234. Seed.
- 410028.** 3090. N 70/84. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Blue robusta type. Registry No. 236. Seed.
- 410029.** 3091. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Oberholzer. Blue robusta type. Registry No. 259. Seed.
- 410030.** 3092. 'Rietspruit'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cedara Agricultural College, Natal. Blue robusta type. Registry No. 267. Seed.
- 410031.** 3093. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cape Province. Chloromelas type. Registry No. 26. Seed.
- 410032.** 3094. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Iowa, United States. Chloromelas type. Registry No. 68. Seed.
- 410033.** 3095. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Piketburg, Cape Province. Chloromelas type. Registry No. 72. Seed.
- 410034.** 3096. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Caledon, Cape Province. Chloromelas type. Registry No. 91. Seed.
- 410035.** 3097. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Paneel, Cape Province. Chloromelas type. Registry No. 125. Seed.
- 410036.** 3098. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Bienne Donne, Cape Province. Chloromelas type. Registry No. 141. Seed.
- 410037.** 3099. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Witbank. Chloromelas type. Registry No. 188. Seed.
- 410038.** 3100. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Kokstad, Cape Province. Chloromelas type. Registry No. 266. Seed.
- 410039.** 3101. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Frankshoek, Cape Province. Conferta type. Registry No. 66. Seed.

409104 to 410294—Continued**409828 to 410052—Continued**

- 410040.** 3102. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Fouresmith, Orange Free State. Conferta type. Registry No. 70. Seed.
- 410041.** 3103. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Northam, Transvaal. Conferta type. Registry No. 79. Seed.
- 410042.** 3104. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Piketburg, Cape Province. Conferta type. Registry No. 96. Seed.
- 410043.** 3105. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Paneel, Cape Province. Conferta type. Registry No. 119. Seed.
- 410044.** 3106. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Bothas Halt, Cape Province. Conferta type. Registry No. 136. Seed.
- 410045.** 3107. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Citmsdal, Cape Province. Conferta type. Registry No. 164. Seed.
- 410046.** 3108. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietondale Research Station. Conferta type. Registry No. 238. Seed.
- 410047.** 3109. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Dorrington. Fine type. Registry No. 155. Seed.
- 410048.** 3110. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Burgersdorp, Cape Province. Fine type. Registry No. 173. Seed.
- 410049.** 3111. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Dohne, Cape Province. Fine type. Registry No. 182. Seed.
- 410050.** 3112. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Amersfoort, Transvaal. Fine type. Registry No. 225. Seed.
- 410051.** 3113. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Wakkerstroom. Fine type. Registry No. 226. Seed.
- 410052.** 3114. Roodeplaat Research Station, Pretoria, Transvaal. Originally from park in Pretoria. Fine type. Registry No. 253. Seed.

410053 to 410062. ERAGROSTIS CURVULA var. CONFERTA Nees**Lovegrass.**

- 410053.** 2117. Ten km west of Middelburg, Cape Province. Tufted perennial plant. Growing on open grassland. Seed.
- 410054.** 2125. Ten km west of Middelburg, Cape Province. Growing on open grassland. Seed.
- 410055.** 2235. Ten km northwest of Middelburg, Cape Province. Growing on open grassland. Seed.
- 410056.** 2236. Fifteen km northwest of Middelburg, Cape Province. Growing on open grassland. Seed.
- 410057.** 2237. Fifteen km northwest of Middelburg, Cape Province. Growing on open grassland. Seed.
- 410058.** 2251. Sixteen km west of Teebus, Cape Province. Growing on open grassland. Seed.
- 410059.** 2290. Nine km southeast of Richmond, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued**410053 to 410062—Continued**

410060. 2351. Rosesburg Pass, northwest of Beaufort West, Cape Province. Growing in disturbed site. Seed.

410061. 2579. Near Oatlands, Cape Province. Growing on open grassland. Seed.

410062. 2616. On Signal Hill, Bloemfontein, Orange Free State. Growing on open grassland. Seed.

410063. ERAGROSTIS DENUDATA Hack. **Lovegrass.**
2366. Seven km north of Carnorvon, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410064. ERAGROSTIS ECHINOCHLOIDEA Stapf **Lovegrass.**
2223. Ten km north of Graaff Reinet, Cape Province. Tufted, perennial plant. Growing in disturbed site. Seed.

410065. ERAGROSTIS HOMOMALLA Nees
2238. Two km west of Middelburg, Cape Province. Tufted, annual plant. Growing on open grassland. Seed.

410066 to 410080. ERAGROSTIS LEHMANNIANA Nees **Lehman lovegrass.**

410066. 2120. Six km west of Middelburg, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410067. 2150. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,200 m. Growing on open grassland. Seed.

410068. 2184. One km west of Middelburg, Cape Province. Growing on open grassland. Seed.

410069. 2197. Nine km north of Graaff Reinet, Cape Province. Growing on open grassland. Seed.

410070. 2294. On Highway N-9, 7 km west of Richmond, Cape Province. Growing in disturbed site. Seed.

410071. 2360. Forty-four km south of Loxton, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410072. 2361. Forty-four km south of Loxton, Cape Province. Growing on open grassland. Seed.

410073. 2365. Seven km north of Loxton, Cape Province. Growing on open grassland. Seed.

410074. 2367. Eighteen km northwest of Carnorvon, Cape Province. Growing on open grassland. Seed.

410075. 2435. Brandwyn Skuil Farm, Humanshof, Cape Province. Growing on open grassland. Seed.

410076. 2565. Near Steytlerville, Cape Province. Growing on open grassland. Seed.

410077. 2580. Klipcott River, near Glen Harry Railroad Station, Cape Province. Growing on open grassland. Seed.

410078. 2641. Twenty-two km northwest of Dealsville, Cape Province. Growing on open grassland. Seed.

410079. 2644. Vaalhartz Experiment Station, Cape Province. Growing on waste grounds. Seed.

409104 to 410294—Continued**410066 to 410080—Continued**

410080. 2773. On Highway N-1, 10 km south of Potgietersrus, Transvaal. Growing in disturbed site. Seed.

410081 to 410085. ERAGROSTIS OBTUSA Munro ex Fic. & Hiern.**Lovegrass.**

410081. 2037. Ten km northeast of Newcastle, Natal. Tufted, perennial plant. Growing on open grassland.

410082. 2038. Fifteen km northeast of Newcastle, Natal. Growing on open grassland in sandy, red clay. Seed.

410083. 2089. Muller Pass Road, Natal. Elevation 1,900 m. Tufted, perennial plant with foliage 10 to 15 cm high. Heavy seeder. Seed.

410084. 2092. Muller Pass Road, Natal. Elevation 1,900 m. Growing on open grassland. Seed.

410085. 2123. Six km west of Middelburg, Cape Province. Growing on open grassland. Seed.

410086. ERAGROSTIS PLANICULMIS Nees

3115. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Ermelo. Tufted, robust, perennial plant. Registry No. 219. Seed.

410087. ERAGROSTIS × PSEUDO-OBTUSA de Winter

2646. Nineteen km northwest of Christiana, Cape Province. Growing on open grassland. Seed.

410088. ERAGROSTIS RIGIDIOR Pilg.**Lovegrass.**

2728. Towoomba Research Station, Warmbaths, Transvaal. Tufted, sprawling, perennial, indigenous plant. Seed.

410089. ERAGROSTIS ROTIFER Rendle

2359. Twenty-one km southwest of Beaufort West, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410090 to 410102. ERAGROSTIS SUPERBA Peyr.**Lovegrass.**

410090. 1902. Hluhluwe Game Reserve, Natal. Tufted, perennial plant. Growing in rock quarry. Local name Heartseed grass. Seed.

410091. 1911. Twenty-seven km north of Eshowe, Natal. Growing in disturbed site. Seed.

410092. 1919. Along Highway N-2, 8 km south of Matubatuba, Natal. Tufted, perennial plant. Growing in disturbed site. Seed.

410093. 1920. On Highway N-2, Mtunzini, Natal. Tufted, perennial plant. Growing in disturbed site. Seed.

410094. 2018. Along Highway N-3, at Bloukrantz River, Natal. Tufted, perennial plant. Growing in disturbed site. Seed.

410095. 2433. Nine km southeast of De Aar, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410096. 2642. Seven km northwest of Christiana, Cape Province. Growing on open grassland. Seed.

410097. 2665. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Seed from single plant. Seed.

410098. 2666. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Seed.

410099. 2667. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Seed.

409104 to 410294—Continued**410090 to 410102—Continued**

- 410100.** 2727. Towoomba Research Station, Warmbaths, Transvaal. Indigenous. Seed.
- 410101.** 2810. Forty-five km north of Louis Trichardt, Transvaal. Growing on open grassland. Seed.
- 410102.** 2942. Ten km north of Thabazimbi, Transvaal. Growing on open grassland. Seed.
- 410103.** ERAGROSTIS sp. Poaceae.
1835. Rietondale Research Station, Pretoria. Seed.
- 410104.** ERAGROSTIS sp.
2087. Muller Pass Road, Natal. Elevation 1,900 m. Growing on open grassland. Seed.
- 410105.** ERAGROSTIS sp.
2088. Muller Pass Road, Natal. Elevation 1,900 m. Growing on open grassland. Seed.
- 410106.** ERAGROSTIS sp.
2725. Towoomba Research Station, Warmbaths, Transvaal. Indigenous. Seed.
- 410107.** ERAGROSTIS sp.
2828. Two km east of Vivo, Transvaal. Growing on open grassland. Seed.
- 410108.** ERAGROSTIS sp.
2877. Dendron, Transvaal. Growing on waste grounds. Seed.
- 410109.** ERAGROSTIS sp.
2946. Ten km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed.
- 410110.** ERAGROSTIS sp.
2951. Thirty km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed.
- 410111.** ERAGROSTIS sp.
2988. Brits, Transvaal. Growing on waste grounds. Seed.
- 410112.** ERAGROSTIS sp.
2989. Twenty km east of Rustenburg, Transvaal. Growing in disturbed site on highway. Seed.
- 410113 and 410114.** EUSTACHYS MUTICA (L.) Cufod. Poaceae.
- 410113.** 2772. On Highway N-1, 8 km south of Naboomspruit, Transvaal. Tufted plant. Growing in disturbed site. Seed.
- 410114.** 2811. Wyllies Poort, Transvaal. Growing on open grassland. Seed.
- 410115 to 410117.** EUSTACHYS PASPALOIDES (Vahl) Lanza & Mattei
- 410115.** 2173. Eight km east of Noupoort, Cape Province. Tufted, perennial plant. Growing in rocky soil. Seed.
- 410116.** 2932. Ten km northwest of Thabazimbi, Transvaal. Tufted, perennial plant with short stolons. Growing on open grassland. Plant.
- 410117.** 2933. Ten km northwest of Thabazimbi, Transvaal. Tufted, perennial plant with short stolons. Growing on open grassland. Seed of P.I. 410116.
- 410118 and 410119.** FESTUCA SCABRA Vahl Poaceae. **Fescue.**
- 410118.** 2137. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,100 m. Tufted, perennial plant. Growing on open grassland. Seed.

409104 to 410294—Continued**410118 and 410119—Continued**

410119. 2140. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Growing on open grassland. Seed.

410120 to 410122. FINGERHUTHIA AFRICANA Lehm. Poaceae.

410120. 2215. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410121. 2242. Suurberg Road, east of Middelburg, Cape Province. Growing on stream bank. Seed.

410122. 2363. Carnorvon, Cape Province. Tufted, perennial plant. Growing on waste grounds. Seed.

410123. HEDERA HELIX L. Araliaceae.

English ivy.

2298. Beaufort West, Cape Province. Ornamental vine with virescent leaves. Growing at a private residence. Cuttings.

410124 to 410126. HELIANTHUS ANNUUS L. Asteraceae. Sunflower.

410124. 2081. Vryheid, Natal. Black seed with white stripe. Cultivated. Seed.

410125. 2364. Carnorvon, Cape Province. Plants branching, several flower heads 5 to 15 cm in diameter. Black seed. Growing as ornamental in garden. Seed.

410126. 2746. Twenty km north of Pienaars River, Transvaal. Black seed. Cultivated. Seed.

410127. HELICTOTRICHON sp. Poaceae.

2141. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,250 m. Tufted, perennial plant. Growing on open grassland. Seed.

410128 to 410141. HEMARTHRIA ALTISSIMA (Poir.) Stapf & C. E. Hubb. Poaceae.

410128. 1799. Rietondale Research Station, Pretoria. Erect type. Foliage green, 35 to 40 cm high. Plot A 22. Stolons.

410129. 1806. Rietondale Research Station, Pretoria. Stoloniferous, perennial with reddish stems and leaves. Plants from dense sod. Foliage to 60 cm high. Plot A 263. Stolons.

410130. 1807. Rietondale Research Station, Pretoria. Originally from Kenya. Foliage reddish, 35 to 45 cm high. Coarse stems. Plot A 264. Stolons.

410131. 1808. Rietondale Research Station, Pretoria. Foliage 50 to 60 cm high. Fine to medium stems. Plot A 265. Stolons.

410132. 1809. Rietondale Research Station, Pretoria. Foliage 60 to 70 cm high. Medium coarse, reddish stems. Plot A 266. Stolons.

410133. 1810. Rietondale Research Station, Pretoria. Foliage 45 to 55 cm high. Medium coarse, reddish stems. Plot A 267. Stolons.

410134. 1887. Nzimane River, Hluhluwe Game Reserve, Natal. Stoloniferous, perennial plant. Growing in sandy soil. Stolons.

410135. 1994. Thabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland in Vlei. Stolons.

410136. 2043. Buffalo River, 12 km north of Newcastle, Natal. Growing on riverbank. Stolons.

409104 to 410294—Continued**410128 to 410141—Continued**

410137. 2067. Lynespruit, 10 km west of Vryheid, Natal. Fine stems. Growing along stream. Stolons.

410138. 2068. Ten km northeast of Paulpieterburg, Natal. Growing on open grassland in vlei. Stolons.

410139. 2460. Fish River, 12 km northwest of Cradock, Cape Province. Stems and foliage pale green. Stems medium coarse. Growing in sandy soil on river bank. Stolons.

410140. 2802. Sand River, Mara Research Station, Transvaal. Growing on river bank. Stolons.

410141. 2983. Crocodile River, Brits, Transvaal. Growing on riverbank. Stolons.

410142 to 410144. HIBISCUS ATROMARGINATUS Eckl. & Zeyh. **Malvaceae.**

410142. 2164. One km west of Middelburg, Cape Province. Semi-erect, twining plants. Extremely narrow leaves, yellow corolla and pollen. Open shrub. Seed.

410143. 2165. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. Open shrub. Seed.

410144. 2216. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Open shrub. Fuzzy seed, corolla yellow, no petal spot. Seed.

410145. HIBISCUS sp.

2033. Ten km north of Utrecht, Natal. Flowers 2 to 3 cm in diameter. Petals yellow, without spot. Pollen yellow. Growing on rocky hillside. Seed.

410146. HIBISCUS sp.

2034. Ten km north of Utrecht, Natal. Yellow corolla with deep blue petal spot. Growing on rocky hillside. Seed.

410147. HYPARRHENIA DREGEANA (Nees) Stapf ex Stent **Poaceae.**

2987. Rietondale Research Station, Pretoria. Originally from Dullstroom, Transvaal. Tufted, robust, perennial plant. Plot 86. Plant.

410148. HYPERTHELIA DISSOLUTA (Nees ex Steud.) W. D. Clayton **Poaceae.**

2947. Four km northwest of Thabazimbi, Transvaal. Tufted, perennial plant. Growing on open grassland. Seed.

410149. INDIGOFERA ALTERNANS DC. **Fabaceae.****Indigo.**

2253. Rooispruit, Cape Province. Growing on open grassland. Seed.

410150 and 410151. INDIGOFERA MACRA E. Mey.

410150. 2536. Three km south of Jansenville, Cape Province. Palatable shrub to 1 m tall. Growing in disturbed site. Seed.

410151. 2561. Twenty-eight km south of Jansenville, Cape Province. Growing in disturbed site. Seed.

410152. KOELERIA CRISTATA (L.) Pers. **Poaceae.**

2175. Eight km east of Noupoort, Cape Province. Tufted, perennial plant. Growing on open grassland. Seed.

410153. LESSERTIA PAUCIFLORA Harv. ex Harv. & Sond. **Fabaceae.**

2358. Twenty-one km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.

409104 to 410294—Continued

- 410154.** *LOLIUM MULTIFLORUM* Lam. Poaceae. **Italian ryegrass.**
1984. 'Mid mar'. Cedara Agricultural College, Pietermaritzburg, Natal. Tufted, perennial plant. Seed.
- 410155.** *LOLIUM PERENNE* L. **Perennial ryegrass.**
2145. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Tufted, perennial plant. Seed.
- 410156.** *MELICA DECUMBENS* Papp Poaceae.
2130. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,300 m. Tufted, perennial plant. Possible ornamental value. Growing on open grassland. Seed.
- 410157.** *MELINIS TENUINERVIS* Stapf Poaceae.
1797. Rietondale Research Station, Pretoria. Originally from Natal. Foliage 45 to 50 cm high. Plot A 17. Vegetative stock.
- 410158.** *MISCANTHIDIUM CAPENSE* var. *VILLOSUM* (Stapf) Phill. Poaceae.
2135. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Tufted, rhizomatous, perennial. Foliage to 80 cm high. Seedheads 1.5 to 2 m. Seed.
- 410159.** *MISCANTHIDIUM SORGHUM* (Nees) Stapf
2240. Great Brok River, Schoombee, Cape Province. Tufted, perennial with foliage to 60 cm high. Growing on bank of river. Seed.
- 410160 and 410161.** *MISCANTHUS SINENSIS* f. *ZEBRINUS* (Nichols.) Nakai Poaceae. **Silvergrass.**
410160. 2110. W. Urquhart Farm, 20 km south of Newcastle, Natal. Tufted, perennial, ornamental. Local name Zebragrass. Seed.
410161. 2892. City Park, Pietersburg, Transvaal. Ornamental grass with horizontal, virescent stripes on leaves. Seed.
- 410162 and 410163.** *NERIUM OLEANDER* L. Apocynaceae. **Oleander.**
410162. 2297. Beaufort. West, Cape Province. Ornamental woody shrub with virescent leaves. Growing in garden. Cuttings.
410163. 2888. Dendron, Transvaal. Ornamental shrub with white flowers. Growing in park. Cuttings.
- 410164 to 410166.** *PANICUM ANTIDOTALE* Retz. Poaceae.
410164. 1845. N 68/92. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410165. 1846. N 68/90. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410166. 2671. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Tufted, perennial. Cultivated. Seed.
- 410167 to 410223.** *PANICUM COLORATUM* L. **Kleingrass.**
410167. 1819. Rietondale Research Station, Pretoria. Tufted, perennial variable. Local name Small buffalograss. Plot A 207. Seed.
410168. 1820. Rietondale Research Station, Pretoria. Typical form. Plot A 206. Seed.
410169. 1831. 'H-13'. Roodeplaat Research Station, Pretoria. Originally from United States. Reportedly 'Kleingrass 75'. Seed.
410170. 1832. 'H-1'. Roodeplaat Research Station, Pretoria. Mixture of *P. coloratum* and *P. coloratum* var. *makarikariensis*. Seed.

409104 to 410294—Continued**410167 to 410223—Continued**

- 410171.** 1833. 'Bushman Mine'. Roodeplaat Research Station, Pretoria. Originally from Rhodesia. Plants root at lower nodes. Seed.
- 410172.** 1834. 'Bushman Mine'. Roodeplaat Research Station, Pretoria. Originally from Komatipoort, Transvaal. Plants root at lower nodes. Seed.
- 410173.** 1848. N 68/68. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants to 2 m tall. Seed.
- 410174.** 1849. N 68/67. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants 1.5 to 2 m tall, large seed. Seed.
- 410175.** 1850. N 68/69. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 410176.** 1851. N 68/70. De hoek, Estcourt Research Farm, Estcourt, Natal. Good seed retention. Seed.
- 410177.** 1852. N 68/71. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 410178.** 1853. N 68/72. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 410179.** 1854. N 68/73. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 410180.** 1900. Hluhluwe Game Reserve, Natal. Growing in rock quarry. Seed.
- 410181.** 2740. Towoomba Research Station, Warmbaths, Transvaal. Indigenous. Plant.
- 410182.** 2812. Mara Research Station, Transvaal. Growing on open grassland. Plant.
- 410183.** 2860. Ivy Ranch, Munnik, Transvaal. Stoloniferous. Growing on open grassland. Stolons.
- 410184.** 2872. Ivy Ranch, Munnik, Transvaal. Growing on open grassland. Seed.
- 410185.** 2924. Makappo, Transvaal. Growing on waste grounds. Seed.
- 410186.** 2937. Thirty km northwest of Thabazimbi, Transvaal. Growing on open grassland. Plant.
- 410187.** 2950. Fifty km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed.
- 410188.** 2957. Skylark Farm, 25 km southwest of Rustenburg, Transvaal. Seed.
- 410189.** 3010. 'Bushman Mine'. Roodeplaat Research Station, Pretoria, Transvaal. Stoloniferous. Stolons.
- 410190.** 3011. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Komatipoort, Transvaal. Plant.
- 410191.** 3015. Roodeplaat Research Station, Pretoria, Transvaal. Makarikari type. Registry No. 5. Seed.
- 410192.** 3016. Roodeplaat Research Station, Pretoria, Transvaal. Makarikari type. Registry No. 9. Seed.
- 410193.** 3017. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietvlei. Makarikari type. Registry No. 14. Seed.

409104 to 410294—Continued**410167 to 410223—Continued**

- 410194.** 3018. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rhodesia. Makarikari type. Registry No. 15. Seed.
- 410195.** 3019. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Uganda. Makarikari type. Registry No. 17. Seed.
- 410196.** 3020. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Goha Heights, Kalahari. Makarikari type. Registry No. 19. Seed.
- 410197.** 3021. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rietvlei. Makarikari type. Registry No. 34. Seed.
- 410198.** 3022. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rhodesia. Makarikari type. Registry No. 41. Seed.
- 410199.** 3023. Roodeplaat Research Station, Pretoria, Transvaal. Makarikari type. Registry No. 44. Seed.
- 410200.** 3024. Roodeplaat Research Station, Pretoria, Transvaal. Makarikari type. Registry No. 54. Seed.
- 410201.** 3025. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Australia. Makarikari type. Registry No. 60. Seed.
- 410202.** 3026. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rhodesia. Bambatsi type. Registry No. 16. Seed.
- 410203.** 3027. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Mara Research Station. Bambatsi type. Registry No. 56. Seed.
- 410204.** 3028. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Australia. Bambatsi type. Registry No. 58. Seed.
- 410205.** 3029. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Australia. Bambatsi type. Registry No. 59. Seed.
- 410206.** 3031. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Komatipoort. Green runner type. Registry No. 30. Seed.
- 410207.** 3032. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Komatipoort, Transvaal. Green runner type. Registry No. 31. Seed.
- 410208.** 3033. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Golela. Green runner type. Registry No. 32. Seed.
- 410209.** 3034. 'Bushman Mine'. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rhodesia. Green runner type. Registry No. 39. Seed.
- 410210.** 3035. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Maun, Kalahari. Short, fine type. Registry No. 20. Seed.
- 410211.** 3036. Roodeplaat Research Station, Pretoria, Transvaal. Short, fine type. Registry No. 21. Seed.
- 410212.** 3037. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Kwaai, Kalahari. Short, fine type. Registry No. 22. Seed.
- 410213.** 3038. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Mohanene, Kalahari. Short, fine type. Registry No. 23. Seed.
- 410214.** 3039. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Fish River, Cradock, Cape Province. Short, fine type. Registry No. 24. Seed.

409104 to 410294—Continued**410167 to 410223—Continued**

- 410215.** 3040. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Cradock, Cape Province. Short fine type. Registry No. 25. Seed.
- 410216.** 3041. Roodeplaat Research Station, Pretoria, Transvaal. Originally from northwestern Cape Province. Short, fine type. Registry No. 38. Seed.
- 410217.** 3042. Roodeplaat Research Station, Pretoria, Transvaal. Short, fine type. Registry No. 46. Seed.
- 410218.** 3043. Roodeplaat Research Station, Pretoria, Transvaal. Originally from United States as 'Kleingrass 75'. Short, fine type. Registry No. 55. Seed.
- 410219.** 3044. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Luvuvhu River. Kabulabula type. Registry No. 57. Seed.
- 410220.** 3045. CSIRO 14375. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Australia. Kabulabula type. Registry No. 61. Seed.
- 410221.** 3046. CSIRO 16796. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Australia. Kabulabula type. Registry No. 62. Seed.
- 410222.** 3047. Roodeplaat Research Station, Pretoria Transvaal. Originally from Louis Trichardt. Registry No. 27. Seed.
- 410223.** 3048. Roodeplaat Research Station, Pretoria, Transvaal. Originally from Rustenburg. Registry No. 28. Seed.

410224 and 410225. PANICUM MAKARIKARIENSIS (Goss.) Van Rensb.

- 410224.** 1822. Rietondale Research Station, Pretoria. Plants vigorous, 250 to 280 cm tall. Plot A 346. Seed.
- 410225.** 1842. N 68/93. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.

410226 to 410232. PANICUM DEUSTUM Thunb. Panicgrass.

- 410226.** 1844. N 68/39. De hoek, Estcourt Research Farm, Estcourt, Natal. Tufted, perennial. Local name Buffelgrass. Seed.
- 410227.** 1847. N 68/40. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
- 410228.** 1884. Hluhluwe Game Reserve, Natal. Tufted, perennial. Growing in rock quarry. Seed.
- 410229.** 1922. Nilsen Farm, Mtunzini, Natal. Tufted, perennial, pubescent plants with broad leaves. Growing on waste ground. Seed.
- 410230.** 1924. Nilsen Farm, Mtunzini, Natal. Tufted, perennial plants to 60 cm tall. Growing on waste grounds.
- 410231.** 1936. Nilsen Farm, Mtunzini, Natal. Tufted, perennial plants. Growing on waste grounds. Seed.
- 410232.** 2562. Twenty-seven km southwest of Jansenville, Cape Province. Growing in disturbed site. Seed.

410233. PANICUM GLABRESCENS Steud.

1843. N 68/59. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.

410234. PANICUM KALAHARENSE Mez

2672. Van der Berg, Arragon Farm, Vergelegen, Cape Province. Tufted, perennial. Cultivated. Seed.

409104 to 410294—Continued

- 410235 to 410237.** PANICUM LAEVIFOLIUM Hack. **Panicgrass.**
410235. 1951. Along Bulwer-Underberg Road, Natal. Elevation 1,800 m. Tufted, annual. Growing in disturbed site. Seed.
410236. 2030. Along Highway N-3, near Tugela River, Natal. Tufted annual. Growing in disturbed site. Seed.
410237. 2231. Middelburg, Cape Province. Tufted, annual. Growing on waste grounds. Seed.
- 410238.** PANICUM LANIPES Mez **Panicgrass.**
 2368. Seven km north of Carnorvon, Cape Province. Tufted, perennial. Growing on open grassland. Seed.
- 410239 to 410260.** PANICUM MAXIMUM Jacq. **Guineagrass.**
410239. 1827. Rietondale Research Station, Pretoria. Tufted, perennial, vigorous plants 230 to 250 cm tall. Plot 224. Seed.
410240. 1836. N 68/84. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410241. 1837. N 68/83. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410242. 1838. N 68/85. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410243. 1839. N 68/86. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410244. 1840. De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410245. 1841. N 68/93 De hoek, Estcourt Research Farm, Estcourt, Natal. Seed.
410246. 1901. Hluhluwe Game Reserve, Natal. Growing in rock quarry. Seed.
410247. 1906. Pongola, Natal. Foliage 230 to 250 cm tall. Seed.
410248. 1914. Spind Estate, 5 km east of Melmoth, Natal. Elevation 1,200 m. Tufted, perennial. Growing on open grassland. Seed.
410249. 1915. Spind Estate, 5 km east of Melmoth, Natal. Elevation 1,200 m. Tufted, perennial. Growing on open grassland. Seed.
410250. 1917. Ten km west of Empangeni, Natal. Growing on open grassland. Seed.
410251. 2157. One km west of Middelburg, Cape Province. Growing on open grassland. Seed.
410252. 2163. Stradbroke Farm, 20 km southeast of Middelburg, Cape Province. May have possible drought and cold tolerance. Growing on open grassland. Seed.
410253. 2250. Fifteen km west of Teebus, Cape Province. Growing on open grassland. Seed.
410254. 2295. Six km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
410255. 2532. Twenty-nine km south of Graaff Reinet, Cape Province. Growing on open grassland. Seed.
410256. 2694. 'Naiyuki'. Glen Agricultural College Glen, Orange Free State. Seed.

409104 to 410294—Continued**410239 to 410260—Continued**

410257. 2903. Thirty km southwest of Thabazimbi, Transvaal. Growing on open grassland. Seed.

410258. 2925. Ten km south of Thabazimbi, Transvaal. Growing on open grassland. Seed.

410259. 2945. Fifty km northwest of Thabazimbi, Transvaal. Growing on open grassland. Seed.

410260. 2980. Brits, Transvaal. Growing on waste grounds. Seed.

410261. PANICUM NATALENSE Hochst. **Panicgrass.**
2073. Ten km east of Vryheid, Natal. Tufted, perennial plant. Leaves glabrous, narrow. Growing on open grassland. Seed.

410262 to 410272. PANICUM STAFFIANUM Fourc. **Panicgrass.**

410262. 2121. Five km west of Middelburg, Cape Province. Tufted, perennial plant. Growing on disturbed site. Seed.

410263. 2199. Nine km north of Graaff Reinet, Cape Province. Tufted, perennial plant. Growing on disturbed site. Seed.

410264. 2200. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Growing on open grassland. Seed.

410265. 2201. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Growing on open grassland. Seed.

410266. 2202. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Large seed type. Growing on open grassland. Seed.

410267. 2203. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Reddish seedheads. Growing on open grassland. Seed.

410268. 2204. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Seedheads bright red. Growing on open grassland. Seed.

410269. 2248. Great Brok River, Schoombee, Cape Province. Seed.

410270. 2254. Rooispruit, Cape Province. Growing on open grassland. Seed.

410271. 2434. Twenty-two km southeast of Vosburg, Cape Province. Growing on open grassland. Seed.

410272. 2640. Fourteen km northwest of Content Railraod Railroad Station, Cape Province. Growing on open grassland. Seed.

410273. PANICUM sp.

1818. Rietondale Research Station, Pretoria. Foliage bluish green to 100 cm tall. Plot A 225. Seed.

410274. PANICUM sp.

2072. Ten km east of Vryheid, Natal. Leaves broad, pubescent on both surfaces. Growing on open grassland. Seed.

410275. PANICUM sp.

2101. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.

410276. PANICUM sp.

2814. Mara Research Station, Transvaal. Growing on open grassland. Seed.

410277. PANICUM sp.

2815. On Highway N-1, 40 km south of Messina, Transvaal. Growing in disturbed site. Seed.

409104 to 410294—Continued**410278.** PANICUM sp.

2928. Fifty km northwest of Thabazimbi, Transvaal Tufted. Growing on open grassland. Seed.

410279. PANICUM sp.

2941. Thirty km northwest of Thabazimbi, Transvaal. Tufted. Growing on open grassland. Seed.

410280 to 410287. PASPALUM DILATATUM Poir. Poaceae. **Dallisgrass.**

410280. 1814. Rietondale Research Station, Pretoria. Perennial tufted plant with foliage to 50 cm tall. Plot A 291. Seed.

410281. 1950. Along Bulwer-Underberg Road, Natal. Elevation 1,800 m. Rhizomatous perennial. Growing in disturbed site. Seed.

410282. 1987. 'Pascedara'. Cedara Agricultural College, Pietermaritzburg, Natal. Seed.

410283. 2086. Eighteen km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.

410284. 2090. Muller Pass Road, Natal. Elevation 1,800 m. Growing on open grassland. Seed.

410285. 2105. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Growing on open grassland. Seed.

410286. 2245. Great Brok River, Schoombee, Cape Province. Seed.

410287. 2247. Great Brok River, Schoombee, Cape Province. Seed.

410288. PASPALUM DISTICHUM L.**Knotgrass.**

2107. Pretorius Ranch, 40 km west of Newcastle, Natal. Elevation 1,700 m. Rhizomatous, perennial. Growing on open grassland in sandy soil. Rhizomes.

410289 to 410291. PASPALUM NOTATUM Flugge Poaceae. **Bahiagrass.**

410289. 1812. Rietondale Research Station, Pretoria. Rhizomatous, perennial plant with foliage to 30 cm tall. Indigenous to Pretoria area of Transvaal. Plot A 298. Rhizomes.

410290. 1813. Rietondale Research Station, Pretoria. Rhizomatous, perennial plant with foliage to 30 cm tall. Indigenous to Pretoria area of Transvaal. Plot A 298. Seed of P.I. 410289.

410291. 2108. Muller Pass Road, 15 km west of Newcastle, Natal. Growing on open grassland. Rhizomes.

410292. PASPALUM URVILLEI Steud.**Vaseygrass.**

1992. Cedara Agricultural College, Pietermaritzburg, Natal. Tufted, perennial plant with bluish-green foliage. Seed.

410293. PASPALUM VAGINATUM Swartz

1948. Five km north of Durban, Natal. Stoloniferous, perennial plant. Growing in coastal sand. Stolons.

410294. PASPALUM sp.

2993. Rietondale Research Station, Pretoria. Plot A 310. Seed.

410295 to 410406.

From South Africa. Plant material collected February-April 1976 by A. J. Oakes, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and E. C. Bashaw, Soil and Crop Sciences Department, Texas A & M University, College Station, Texas. Numbered June 21, 1976.

410295 to 410406—Continued

410295. PENNISETUM (hybrid) Poaceae.

1873. De hoek, Estcourt Research Farm, Estcourt, Natal. Plants to 3 m tall. Wassenaar strain. Used in siltbed stabilization. Same as P.I. 304751. Cuttings.

410296 to 410304. PENNISETUM CLANDESTINUM Hochst. ex Chiov.

Kikuyugrass.

410296. 1888. Hluhluwe Game Reserve, Natal. Stolonerous, perennial plant with rhizomes. Growing at headquarters. Stolons.

410297. 1929. Five km east of Melmoth, Natal. Elevation 1,200 m. Stolonerous, perennial plant. Growing in waste land. Stolons.

410298. 1942. Royal Durban Golf Club, Durban, Natal. Planted around edges of golf course. Stolons.

410299. 1953. Along Bulwer-Underberg Road, Natal. Elevation 1,800 m. Planted along road. Area under snow in winter. Stolons.

410300. 1959. 'S58/2'. Drakgardens, Natal. Stolons.

410301. 1960. 'S55' Drakgardens, Natal. Stolons.

410302. 2805. Border Post, Biet Bridge, Transvaal. Stolons.

410303. 2999. Wanderers Golf Course, Johannesburg, Transvaal. Growing on fairways. Stolons.

410304. 3003. Municipal Golf Course, Johannesburg, Transvaal. Growing along edges of fairways. Stolons.

410305 to 410307. PENNISETUM PURPUREUM Schumach. **Elephantgrass.**

410305. 2031. Smith Farm, Utrecht, Natal. Rhizomatous, perennial plant. Cuttings.

410306. 2675. Van der Berg, Arragon Farm, Vergelegen, Cape Province. Planted for use as windbreak. Cuttings.

410307. 2952. Thabazimbi, Transvaal. Growing in yard as windbreak and border. Cuttings.

410308 to 410315. PENNISETUM SETACEUM (Forsk.) Chiov.

410308. 1881. Pinetown, Natal. Plants to 1 m tall, tufted, ornamental perennial. Foliage and seedheads light purple. Local name Fountaingrass. Seed.

410309. 1907. Pongola, Natal. Tufted, perennial plant. Leaves green, inflorescence pink. Local name Fountaingrass. Seed.

410310. 1908. Magudu, Natal. Leaves reddish, inflorescence pink. Seed.

410311. 2225. Eight km north of Graaff Reinet, Cape Province. Ornamental. Growing in disturbed site. Local name Fountaingrass. Seed.

410312. 2559. Wolwefontein Railroad Station, Cape Province. Ornamental. Growing along highway. Seed.

410313. 2560. Wolwefontein Railroad Station, Cape Province. Growing along highway. Seed.

410314. 2930. Thabazimbi, Transvaal. Ornamental. Growing in garden. Species thrives well on iron mine spoils. Plant.

410315. 2931. Thabazimbi, Transvaal. Ornamental. Growing in garden. Species thrives well on iron mine spoils. Seed of P.I. 410314.

410295 to 410406—Continued

- 410316.** PENNISETUM SPHACELATUM (Nees) Dur. & Schinz
2196. On Graaff Reinet Highway, 25 km south of Middelburg, Cape Province. Growing in disturbed site. Seed.
- 410317.** PENNISETUM sp.
1801. Rietondale Research Station, Pretoria. Originally from Pongola River. Plant 1 to 2 m tall. Leaves wide, dark green. Plot A 122. Vegetative stock.
- 410318.** PENNISETUM VILLOSUM R. Br. ex Fresen. **Feathertop.**
2484. Middelburg, Cape Province. Ornamental. Growing in garden. Seed.
- 410319.** PENTASCHISTIS SETIFOLIA (Thunb.) McClean Poaceae.
2614. Bloemfontein, Orange Free State. Growing on open grassland. Seed.
- 410320.** PHALARIS AQUATICA L. Poaceae.
2039. M. Smith Farm, Utrecht, Natal. Tufted, perennial. Seed.
- 410321.** PLUMERIA sp. Apocynaceae.
2890. Pietersburg, Transvaal. White flowers with yellow center. Growing in garden. Cuttings.
- 410322.** POA BINATA Nees Poaceae.
2147. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,250 m. Tufted, perennial. Growing on open grassland. Seed.
- 410323 and 410324.** PORTULACARIA AFRA (L.) Jacq. Portulacaceae. **Spekboom.**
410323. 2230. On Highway N-1, 12 km north of Graaff Reinet, Cape Province. Succulent, perennial shrub, palatable. Growing on rocky cliff. Cuttings.
410324. 2577. Twelve km north of Jansenville, Cape Province. Succulent shrub 2 to 5 m tall. Growing on rocky hillside. Cuttings.
- 410325.** PROTEA sp. Proteaceae.
2677. Jan Kempdorp, Cape Province. Woody ornamental to 0.7 m tall. Growing in park. Seed.
- 410326.** QUERCUS ROBUR L. Fagaceae. **English oak.**
2229. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Ornamental shade tree. Acorns.
- 410327.** RHYNCHELYTRUM REPENS (Willd.) C. E. Hubb. Poaceae.
1903. Hluhluwe Game Reserve, Natal. Tufted, annual. Growing in rock quarry. Local name Redtop. Seed.
- 410328.** RICINUS COMMUNIS L. Euphorbiaceae. **Castor.**
2953. Twelve km north of Thabazimbi, Transvaal. Growing in field. Seed.
- 410329.** SCHOTIA AFRA Thunb. Fabaceae.
2599. Eighteen km northeast of Klipplaat, Cape Province. Woody shrub to 4 m tall, palatable. Growing on streambank. Seed.
- 410330.** SETARIA HOLSTII Herrm. Poaceae.
2994. Rietondale Research Station, Pretoria, Transvaal. Originally from East Africa. Seed.
- 410331.** SETARIA NEGLECTA deWit
2463. Two km northwest of Cradock, Cape Province. Tufted, perennial. Growing on open grassland. Seed.
- 410332.** SETARIA PALLIDIFUSCA (Schumach.) Stapf & C. E. Hubb.
1952. Bulwer-Underberg Road, Natal. Elevation 1,800 m. Tufted, annual. Seed.

410295 to 410406—Continued

410333 to 410336. *SETARIA SPHACELATA* (Schumach.) Stapf & Hubb. ex M. B. Moss

410333. 2984. Rietondale Research Station, Pretoria. Originally from Wyllies Poort, Transvaal. Plot A 60. Plant.

410334. 2985. Rietondale Research Station, Pretoria. Original from Uganda. Plot A 80. Cuttings.

410335. 2986. Rietondale Research Station, Pretoria. Originally from Uganda. Plot A 80. Cuttings.

410336. 2992. Rietondale Research Station, Pretoria. Originally from White River. Seed.

410337 to 410340. *SETARIA SPLENDIDA* Stapf

410337. 1988. Cedara Agricultural College, Pietermaritzburg, Natal. Seed.

410338. 1989. Cedara Agricultural College, Pietermaritzburg, Natal. Seed.

410339. 1990. Cedara Agricultural College, Pietermaritzburg, Natal. Seed.

410340. 1991. Cedara Agricultural College, Pietermaritzburg, Natal. Seed.

410341. *SETARIA TENUSETA* deWit

1821. Rietondale Research Station, Pretoria. Plants to 100 cm tall. Plot A 236. Seed.

410342. *SETARIA* sp.

2027. Along Highway N-3, 26 km north of Ladysmith, Natal. Growing on disturbed site. Seed.

410343. *SETARIA* sp.

2041. Fifteen km northeast of Newcastle, Natal. Dense, soft foliage. Wide leaves. Growing on open grassland. Seed.

410344. *SETARIA* sp.

2042. Fifteen km northeast of Newcastle, Natal. Plants growing in *Eragrostis curvula* complex in open grassland. Seed.

410345. *SETARIA* sp.

2816. On Highway N-1, Wyllies Poort, Transvaal. Growing in disturbed site. Seed.

410346. *SETARIA* sp.

2827. Thirty km west of Louis Trichardt, Transvaal. Growing in disturbed site. Seed.

410347. *SETARIA* sp.

2956. Eight km north of Northam, Transvaal. Growing in disturbed site on highway. Seed.

410348 to 410350. *SORGHUM* × *ALMUM* Parodi Poaceae.

410348. 1909. Ten km west of Empangou, Natal. Plants 1 to 2 m tall with short rhizomes. Growing on roadbank. Seed.

410349. 2534. Twenty km south of Graaff Reinet, Cape Province. Strongly rhizomatous plant. Growing in disturbed site. Seed.

410350. 2955. Eight km north of Northam, Transvaal. Growing in disturbed site on highway. Seed

410351. *SPOROBOLUS NITENS* Stent Poaceae.

Dropseed.

2535. Lootskloof Road at Sundays River, Cape Province. Tufted, rhizomatous, perennial. Seed.

410295 to 410406—Continued

- 410352 to 410365.** *STENOTAPHRUM SECUNDATUM* (Walt.) Ktze. Poaceae.
St. Augustinegrass.
- 410352.** 1889. Hluhluwe Game Reserve, Natal. Stoloniferous, perennial plant with rhizomes. Growing on lawn near headquarters. Stolons.
- 410353.** 1890. Hluhluwe Game Reserve, Natal. Stoloniferous, perennial plant with rhizomes. Growing on lawn near headquarters. Seed of P.I. 410352.
- 410354.** 1891. Hluhluwe Game Reserve, Natal. Fine stems, long inflorescence. Stolons.
- 410355.** 1892. Hluhluwe Game Reserve, Natal. Fine stems, long inflorescence. Seed of P.I. 410354.
- 410356.** 1893. Hluhluwe Game Reserve, Natal. Stolons with short internodes. Stolons.
- 410357.** 1894. Hluhluwe Game Reserve, Natal. Stolons with short internodes. Seed of P.I. 410356.
- 410358.** 1925. Five km south of Melmoth, Natal. Elevation 560 m. Stoloniferous, perennial plant. Growing in farm yard. Stolons.
- 410359.** 1926. Nilsen Farm, Mtunzini, Natal. Stoloniferous, perennial plant. Stolons.
- 410360.** 1938. Royal Durban Golf Club, Durban, Natal. Seed.
- 410361.** 1939. Royal Durban Golf Club, Durban, Natal. Stolons of P.I. 410360.
- 410362.** 1940. Royal Durban Golf Club, Durban, Natal. Stolons.
- 410363.** 1944. Durban Country Club, Durban, Natal. Plants growing in association with bermudagrass in compatible combination on 18th fairway. Stolons.
- 410364.** 1945. Durban Country Club, Durban, Natal. Plants growing in compatible combination with bermudagrass. Seed.
- 410365.** 1946. Five km north of Durban, Natal. Plants form dense sod. Short leaves and internodes. Growing on coastal sand. Stolons.
- 410366.** *STIPAGROSTIS NAMAQUENSIS* (Nees) de Winter Poaceae.
2187. Fifteen km northwest of Middelburg, Cape Province. Growing on open grassland. Seed.
- 410367.** *SUTHERLANDIA FRUTESCENS* (L.) R. Br. Fabaceae.
2224. Ten km north of Graaff Reinet, Cape Province. Palatable shrub growing on rocky cliff. Seed.
- 410368.** *TEPHROSIA CAPENSIS* (Jacq.) Pers. Fabaceae.
2356. Fifteen km southwest of Beaufort West, Cape Province. Growing on open grassland. Seed.
- 410369.** *TEPHROSIA* sp.
2679. Van der Berg, Buttermere Farm, Vergelegen, Cape Province. Leguminous vine with seedpods underground. Growing on open field. Seed.
- 410370.** *TETRACHNE DREGEI* Nees Poaceae.
2142. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Tufted, perennial plant. Growing on open grassland. Seed.

410295 to 410406—Continued

- 410371.** *TETRAGONIA ARBUSCULA* Fenzl ex Harvey & Sond. Aizoaceae.
2122. Five km west of Middelburg, Cape Province. Growing on open grassland. Seed
- 410372 to 410374.** *THEMEDA TRIANDRA* Forsk. Poaceae. **Rooi-grass.**
410372. 2153. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Tufted, perennial plant. Growing on open grassland. Local name Redgrass. Seed.
410373. 2603. Bloemfontein, Orange Free State. Tufted, perennial plant. Growing on waste grounds. Seed.
410374. 285 Mountain Ranch, Sending, Transvaal. Growing on open grassland. Seed.
- 410375.** *TRAGUS KOELERIOIDES* Aschers. Poaceae.
2167. One km west of Middelburg, Cape Province. Stoloniferous, perennial plant. Growing on open grassland. Seed.
- 410376 and 410377.** *TRIFOLIUM BURCHELLIANUM* Seringe Fabaceae.
410376. 2154. Compassberg Ranch, 30 km west of Middelburg, Cape Province. Elevation 2,000 m. Clover forms compatible mixture with grasses under grazing. Growing on open grassland. Seed.
410377. 2222. Paul McCabe Farm, 15 km north of Graaff Reinet, Cape Province. Elevation 1,900 m. Growing in vlei. Seed.
- 410378.** *TRIFOLIUM* sp.
2032. Near Utrecht, Natal. Bright red flowers. Growing on rocky hillside. Seed.
- 410379.** Undetermined Asteraceae.
2674. Jan Kempdorp, Cape Province. Ornamental herb to 0.7 m tall. Orange and red flowers. Growing in park. Seed.
- 410380.** Undetermined
2901. Thabazimbi, Transvaal. Herbaceous weed 1 to 3 m tall. Profuse branching. Flowers orange, 5 to 8 cm in diameter. Potential ornamental. Growing on waste grounds. Seed.
- 410381.** Undetermined
2902. Thabazimbi, Transvaal. Herbaceous weed 1 to 3 m tall. Profuse branching. Orange flowers 5 to 8 cm in diameter. Growing on waste grounds. Seed.
- 410382.** Undetermined Fabaceae.
2112. Woody ornamental vine. Opposite leaves with 2 lobes per leaf. Pods 30 to 40 cm long, 2 cm wide, flat. Seed.
- 410383.** Undetermined
2819. On Highway N-1, 10 km north of Messina, Transvaal. Growing in disturbed site. Seed.
- 410384.** Undetermined
2870. Ivy Ranch, Munnik, Transvaal. Herbaceous, prostrate plant with bluish-red flowers. Growing in open field. Seed.
- 410385.** Undetermined
2887. Dendron, Transvaal. Plants semi-viny, to 1 m tall. Growing on waste grounds. Seed.
- 410386.** Undetermined
2944. Ten km northwest of Thabazimbi, Transvaal. Herbaceous. Growing on open grassland. Seed.

410295 to 410406—Continued

410387. Undetermined Poaceae.

1916. Along Highway N-2, 8 km south of Matubatuba, Natal. Growing in disturbed site. Seed.

410388. Undetermined

1949. Bulwer, Natal. Elevation 1,700 m. Rhizomatous, perennial plant 40 to 60 cm tall. Variegated leaves, ornamental. Plant.

410389. Undetermined

2021. On Highway N-3, 4 km north of Tugela River. Rhizomatous, perennial plant. Foliage 60 to 70 cm tall. Growing on rocky highway bank. Plant.

410390. Undetermined

2065. No locality or descriptive data.

410391. Undetermined

2066. On Highway N-3, 20 km south of Newcaste, Natal. Tufted. Growing in disturbed site. Plant.

410392. Undetermined

2095. Muller Pass Road, Natal. Elevation 1,900 m. Tufted, perennial plant. Growing on open grassland. Seed.

410393. Undetermined

2817 On Highway N-1, 20 km south of Naboomspruit, Transvaal. Growing on disturbed site. Seed.

410394. Undetermined

2818. On Highway N-1, 20 km south of Naboomspruit, Transvaal. Growing on disturbed site. Seed.

410395. Undetermined

3000. Wanderers Golf Course, Johannesburg, Transvaal. Growing in semi-shade on fairways. Stolons.

410396. Undetermined

3001. Municipal Golf Course, Johannesburg, Transvaal. Growing in semi-shade on fairways. Stolons.

410397. Undetermined

1934. Nilsen Farm, Mtunzini, Natal. Ornamental shrub 1 to 2 m tall. Flowers bright yellow to 8 cm long. Cuttings.

410398. Undetermined

2712. Jan Kemp Hotel, Jan Kempdorp, Cape Province. Ornamental herb 0.7 to 1 m tall. Tubular yellow and orange flowers. Cuttings.

410399. Undetermined

2969. Unknown grass, 8 km north of Northam, Transvaal. Seed.

410400. Undetermined

2979. Unknown grass, 20 km south of Thabazimbi, Transvaal. Plant.

410401 to 410403. *UROCHLOA MOSAMBICENSIS* (Hack.) Dandy Poaceae.

410401. 2598. Twelve km northeast of Aberdeen, Cape Province. Perennial, semi-erect plant. Growing along highway. Plant.

410402. 2852. Twenty-five km west of Waterpoort, Transvaal. Growing in disturbed site. Plant.

410403. 2976. Skylark Farm, 25 km southwest of Rustenburg, Transvaal. Growing on open grassland. Plant.

410295 to 410406—Continued

410404. ZINNIA sp. Asteraceae.

2093. Pretorius Ranch, 40 km west of New castle, Natal. Growing on open grassland. Wild. Seed.

410405. ZINNIA sp.

2774. On Highway N-1, 5 km north of Naboomspruit, Transvaal. Growing on disturbed site. Seed.

410406. ZINNIA sp.

2775. On Highway N-1, 20 km north of Pietersburg, Transvaal. Growing on disturbed site. Seed.

410407. CAPSICUM ANNUUM L. Solanaceae. **Pimento.**

From Brazil. Seed presented by Hiroshi Nagai, Instituto Agronomico, Campinas to Regional Plant Introduction Station, Experiment, Georgia. Numbered June 10, 1976.

'Avelar'. Highly resistant to tobacco etch virus.

410408. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

From France. Seed presented by H. Laterrot, Station d'Amelioration des Plantes Maraicheres, Centre de Recherches d'Avignon, Montfavet. Received July 19, 1976.

'Pieraline'. Resistant to *Verticillium* and partial resistance to *Phytophthora infestans*. 'Saint Pierre' type.

410409. FESTUCA ARUNDINACEA Schreb. Poaceae.

Tall fescue.

From Morocco. Seed presented by Office of Agricultural Attache, American Embassy, Rabat. Received August 9, 1976. Ifrane, Meknes region.

410410 to 410412. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From South Africa. Seed presented by J. W. Snyman, Oilseeds Coordinator, through Division of Seed Control, Department of Agriculture Technical Services, Pretoria. Received June 21, 1976.

410410. 'G-120'.

410411. 'Sellie'.

410412. 'Sel. #5' (NC).

410413 and 410414. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From Brazil. Seed presented by A. S. Pompeu, Genetics Department, Instituto Agronomica, Campinas. Received June 21, 1976.

410413. 'Roxo 80-1'.

410414. 'Tatu'.

410415. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Thailand. Seed presented by Dumrong Tiyawalee, Chiang Mai University, Chiang Mai. Received May 25, 1976.

'Chiang Mai'. White type, local. Commercial.

410416 to 410418. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From United Arab Republic. Seed presented by M. S. H. Serry, Institute of Field Crops, Cairo. Received May 25, 1976.

410416. 'Giza 3'. Pink testa. Commercial.

410416 to 410418—Continued

410417. 'Giza 4'. Pink testa. Commercial.

410418. 'Local 237'. Pink testa. Commercial.

410419 to 410434.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received February 12, 1976.

410419 to 410421. *HORDEUM DISTICHON* L. Poaceae. **Two-rowed barley.**

410419. VIR 18467. 'Juzhnyj'. The Ukraine. Spring.

410420. VIR 21790. 'Slavutic'. The Ukraine. Spring.

410421. VIR 22014. 'Fakel'. Moscow Region. Spring.

410422 to 410424. *HORDEUM VULGARE* L. **Barley.**

410422. VIR 11839. 'Pallidum 32'. The Ukraine. Spring.

410423. VIR 20444. 'Pallidum 596'. Azerbaijan. Winter.

410424. VIR 22364. 'Oksamyt'. The Ukraine. Winter.

410425 to 410434. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

410425. VIR 38242. 'Ilichevka'. Kazakhstan. Winter.

410426. VIR 45652. 'Avrora'. Krasnodar Territory. Winter.

410427. VIR 45885. 'Mironovskaja Jubilejnaja 50'. The Ukraine. Winter.

410428. VIR 46620. 'Odesskaja 51.' The Ukraine. Winter.

410429. VIR 48247. 'Mironovskaja 10'. The Ukraine. Winter.

410430. VIR 48305. 'Mironovskaja 808'. Improved type. The Ukraine. Winter.

410431. VIR 48665. 'Mironovskaja 808/7n'. Leningrad Region. Spring.

410432. VIR 48760. 'Moskovskaja 21'. Moscow Region. Spring.

410433. VIR 48762. 'Moskovskaja 35'. Moscow Region. Spring.

410434. VIR 49241. 'Storm'. The Ukraine. Winter.

410435. *CROTALARIA JUNCEA* L. Fabaceae. **Sunn hemp.**

From Brazil. Seed presented by Agro-Pan, Commercial Importadora S. A., Sao Paulo. Received June 8, 1976.

Commercial lot.

410436. *CARICA PAPAYA* L. Caricaceae. **Papaya.**

From India. Seed presented by Indian Institute of Horticultural Research, Bangalore, through Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received June 4, 1976.

'Coorg Honey Dew'. Bangalore. Large fruited, dwarf.

410437. *HORDEUM VULGARE* L. Poaceae. **Barley.**

From Libya. Seed presented 1975 by A. S. Sherif to Department of Plant Sciences, University of Arizona, Tucson, Arizona. Received June 14, 1976.

Grown for 10 years on Sherif Farm, east of Tripoli. Local indigenous cultivar.

410438 to 410442. *FRAGARIA VIRGINIANA* Duch. Rosaceae. **Virginia strawberry.**

From United States. Collections made in Illinois and presented to Germplasm Resources Laboratory, Beltsville Agricultural Research Center, Beltsville, Maryland. Received June 21, 1976.

410438 to 410442—Continued

- 410438.** McDonough County, Lamoine Township, Section 5. Growing 1.6 km north of Colmar on Route 61, 1.6 km east and 0.8 km north. Collected May 29 by Peggy Duncan, Colmar.
- 410439.** McDonough County, Lamoine Township, Section 8. Growing 1.6 km north of Colmar on Route 61, 0.4 km east, 0.4 km south. Collected May 30 by Peggy Duncan, Colmar.
- 410440.** Hancock County, Harmony Township, Section 23. Growing 0.8 km of Mount Pleasant Cemetery, on east bank of large ravine. Fruits relatively abundant. Collected June 4 by Betty Webb and Ann Johnson, Carthage.
- 410441.** Hancock County, Walker Township, Section 27. Growing along country road, 5.6 km east of Illinois Route 96. Soil well-drained clay. Collected June 8 and 12 by Robert White, Carthage.
- 410442.** Hancock County, Hancock Township, Section 32. Growing along lane to residence. Fruits sparse. Collected June 4 by Glenn White, Plymouth.

410443 to 410656.

From Pakistan. Seed collected 1974 by Bangor-Lyallpur Universities Expedition under supervision of J. R. Witcombe, School of Plant Biology University of North Wales, Bangor, Wales. Numbered June 16, 1976.

- 410443 to 410533.** HORDEUM VULGARE L. Poaceae. **Barley.**
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| 410443. N5. Village 5. | 410467. N33. Village 33. |
| 410444. N6. Village 6. | 410468. N34. Village 34. |
| 410445. C13A. Village 13. | 410469. N35. Village 35. |
| 410446. C13B. Village 13. | 410470. N36. Village 36. |
| 410447. N14. Village 14. | 410471. N37. Village 37. |
| 410448. N15. Village 15. | 410472. C38A. Village 38. |
| 410449. N16. Village 16. | 410473. N38B. Village 38. |
| 410450. N17. Village 17. | 410474. C39. Village 39. |
| 410451. C18A. Village 18. | 410475. N40. Village 40. |
| 410452. N18B. Village 18. | 410476. N41. Village 41. |
| 410453. N22. Village 22. | 410477. N42. Village 42. |
| 410454. N23A. Village 23. | 410478. N45. Village 45. |
| 410455. N23B. Village 23. | 410479. N46. Village 46. |
| 410456. N24. Village 24. | 410480. N47. Village 47. |
| 410457. N25. Village 25. | 410481. N48. Village 48. |
| 410458. N26. Village 26. | 410482. N49. Village 49. |
| 410459. N27. Village 27. | 410483. N50. Village 50. |
| 410460. N28. Village 28. | 410484. N51. Village 51. |
| 410461. N29. Village 29. | 410485. N52. Village 52. |
| 410462. N30. Village 30. | 410486. N53. Village 53. |
| 410463. C31A. Village 31. | 410487. N55. Village 55. |
| 410464. N31B. Village 31. | 410488. N56. Village 56. |
| 410465. N32A. Village 32. | 410489. N59. Village 59. |
| 410466. N32B. Village 32. | 410490. N60. Village 60. |

410443 to 410656—Continued**410443 to 410533—Continued**

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| 410491. N62. Village 62. | 410513. N80. Village 80. |
| 410492. N63. Village 63. | 410514. N81. Village 81. |
| 410493. N64. Village 64. | 410515. N82. Village 82. |
| 410494. N66. Village 66. | 410516. N84. Village 84. |
| 410495. N67. Village 67. | 410517. N85. Village 85. |
| 410496. N68. Village 68. | 410518. N86. Village 86. |
| 410497. N69. Village 69. | 410519. N87. Village 87. |
| 410498. N70. Village 70. | 410520. N89. Village 89. |
| 410499. C71A. Village 71. | 410521. C90A. Village 90. |
| 410500. N71B. Village 71. | 410522. N90B. Village 90. |
| 410501. C72A. Village 72. | 410523. C91. Village 91. |
| 410502. N72B. Village 72. | 410524. C92. Village 92. |
| 410503. N73. Village 73. | 410525. C93. Village 93. |
| 410504. C74A. Village 74. | 410526. C94. Village 94. |
| 410505. N74B. Village 74. | 410527. C95. Village 95. |
| 410506. C75A. Village 75. | 410528. C96. Village 96. |
| 410507. N75B. Village 75. | 410529. C97. Village 97. |
| 410508. C76A. Village 76. | 410530. C98. Village 98. |
| 410509. N76B. Village 76. | 410531. C99. Village 99. |
| 410510. N77. Village 77. | 410532. C100. Village 100. |
| 410511. N78. Village 78. | 410533. C101. Village 101. |
| 410512. N79. Village 79. | |

410534. SECALE CEREALE L. Poaceae.**Rye.**

W2A. Village 2.

410535 to 410651. TRITICUM AESTIVUM L. Poaceae. Common wheat.

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| 410535. W1. Village 1. | 410553. W17. Village 17. |
| 410536. W2. Village 2. | 410554. W18. Village 18. |
| 410537. W6A. Village 6. | 410555. W19. Village 19. |
| 410538. W6B. Village 6. | 410556. W20A. Village 20. |
| 410539. W7. Village 7. | 410557. W20B. Village 20. |
| 410540. W8. Village 8. | 410558. W20C. Village 20. |
| 410541. W9. Village 9. | 410559. W21A. Village 21. |
| 410542. W10. Village 10. | 410560. W21B. Village 21. |
| 410543. W11A. Village 11. | 410561. W22A. Village 22. |
| 410544. W11B. Village 11. | 410562. W22B. Village 22. |
| 410545. W12. Village 12. | 410563. W22C. Village 22. |
| 410546. W13A. Village 13. | 410564. W23. Village 23. |
| 410547. W13B. Village 13. | 410565. W24. Village 24. |
| 410548. W14. Village 14. | 410566. W25. Village 25. |
| 410549. W15A. Village 15. | 410567. W26. Village 26. |
| 410550. W15B. Village 15. | 410568. W27. Village 27. |
| 410551. W15C. Village 15. | 410569. W28. Village 28. |
| 410552. W16. Village 16. | 410570. W29. Village 29. |

410443 to 410656—Continued**410535 to 410651—Continued**

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|---|----------------------------|
| 410571. W30A. Village 30. | 410612. W61. Village 61. |
| 410572. W30B. Village 30. | 410613. W62. Village 62. |
| 410573. W31. Village 31. | 410614. W63. Village 63. |
| 410574. W32. Village 32. | 410615. W64. Village 64. |
| 410575. W33A. Village 33. | 410616. W65. Village 65. |
| 410576. W33B. Village 33. | 410617. W66. Village 66. |
| 410577. W34A. Village 34. | 410618. W67. Village 67. |
| 410578. W34B. Village 34. | 410619. W68. Village 68. |
| 410579. W35. Village 35. | 410620. W69. Village 69. |
| 410580. W36. Village 36. | 410621. W70. Village 70. |
| 410581. W37. Village 37. | 410622. W71. Village 71. |
| 410582. W38. Village 38. | 410623. W72. Village 72. |
| 410583. W39. Village 39. | 410624. W73. Village 73. |
| 410584. W40. Village 40. | 410625. W74. Village 74. |
| 410585. W42A. Village 42. | 410626. W75. Village 75. |
| 410586. W42B. Village 42. | 410627. W76. Village 76. |
| 410587. W42C. Village 42. | 410628. W77. Village 77. |
| 410588. W43A. Village 43. | 410629. W78A. Village 78. |
| 410589. W43B. Village 43. | 410630. W79. Village 79. |
| 410590. W44B. Village 44. | 410631. W80. Village 80. |
| 410591. W44C. Village 44. | 410632. W81. Village 81. |
| 410592. W45A. Village 45. | 410633. W82. Village 82. |
| 410593. W45B. Village 45. | 410634. W83. Village 83. |
| 410594. W46. Village 46. | 410635. W84. Village 84. |
| 410595. W47. Village 47. | 410636. W85. Village 85. |
| 410596. W48A. Village 48. | 410637. W86. Village 86. |
| 410597. W48B. Village 48. | 410638. W87. Village 87. |
| 410598. W49A. Village 49. | 410639. W88. Village 88. |
| 410599. W49B. Village 49. | 410640. W89. Village 89. |
| 410600. W50. Village 50. | 410641. W90. Village 90. |
| 410601. W51A. Village 51. | 410642. W91. Village 91. |
| 410602. W53. Village 53. | 410643. W92. Village 92. |
| 410603. W54. Village 54. | 410644. W93. Village 93. |
| 410604. W55. Village 55. | 410645. W94. Village 94. |
| 410605. W56. Village 56. | 410646. W95. Village 95. |
| 410606. W57A. Village 57. | 410647. W96. Village 96. |
| 410607. W57B. Village 57. | 410648. W97. Village 97. |
| 410608. W58. Village 58. | 410649. W98. Village 98. |
| 410609. W59A. Village 59. | 410650. W99. Village 99. |
| 410610. W59B. Village 59. | 410651. W100. Village 100. |
| 410611. W60. Village 60. | |
| 410652 to 410654. TRITICUM COMPACTUM Host | Club wheat. |
| 410652. W44A. Village 44. | 410653. W51B. Village 51. |

410443 to 410656—Continued**410652 to 410654—Continued**

410654. W78B. Village 78.

410655. TRITICUM sp.

W41A. Village 41. Mixture of *T. aestivum* and *T. compactum*.

410656. TRITICUM sp.

W41B. Village 41. Mixture of *T. aestivum* and *T. compactum*.

410657 to 410711.

From Japan. Plants presented March 20, 1975, by the Nippon Bonsai Association, Tokyo, to United States Ambassador for the United States National Arboretum, Washington, D. C. Numbered April 1, 1976.

410657 to 410659. ACER BUERGERIANUM Miq. Aceraceae. **Trident maple.**

410657. NA 37782. Kaede (Tokaede). Donated by Mr. Tanekichi Isozaki. Started by seedling. Cultivated (training) as a bonsai in a pot about 120 years.

410658. NA 37783. Kaede (Tokaede). Donated by Mr. Takeo Fukuda, Deputy of Prime Minister, Tokyo. Started by seedling. Cultivated (training) as a bonsai in a pot about 60 years.

410659. NA 37787. Kaede (Tokaede). Donated by Prince Takamatsu. Started by seedling. Cultivated (training) as a bonsai in a pot about 80 years.

410660 to 410662. ACER PALMATUM Thunb. **Japanese maple.**

410660. NA 37784. Momiji. Donated by Mr. Ryutaro Azuma, a counselor of Nippon Bonsai Association, Tokyo. Started by seedling. Cultivated (training) as a bonsai in a pot for about 70 years.

410661. NA 37785. Momiji. Donated by Mrs. Akiko Matsudaira, an honorary member of Nippon Bonsai Association, Atami, Shizuoka Prefecture. Started by cutting. Cultivated (training) as a bonsai in a pot about 30 years. Very compact variety.

410662. NA 37786. Momiji. Donated by Mr. Shintaro Abe, a supporting member of Nippon Bonsai Association, Yamaguchi Prefecture. Started by cutting. Cultivated (training) as a bonsai in a pot for about 30 years.

410663 and 410664. CAMELLIA JAPONICA L. Theaceae.

410663. NA 37788. Higo-tsubaki. Donated by Kyushyu branch of Nippon Bonsai Growers Cooperation. Started by grafting. Cultivated (training) as a bonsai in a pot about 100 years.

410664. NA 37789. Otome-tsubaki. Donated by Mr. Wataro Kanno, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 60 years.

410665 and 410666. CARPINUS LAXIFLORA Blume Betulaceae. **Hornbeam.**

410665. NA 37791. Akame-Soro. Donated by Mr. Torajiro Kubo, Tokyo. Cultivated (training) as a bonsai in a pot about 30 years. Produced from Saitama Prefecture.

410666. NA 37819-2. Soro. Donated by Mr. Nobusuke Kishi, President of Nippon Bonsai Association, Gotenba, Shizuoka Prefecture. Collected from Mount Fuji. Cultivated (training) as a bonsai in a pot about 40 years.

410667. CARPINUS TSCHONOSKII Maxim **Hornbeam.**

NA 37790. Soro. Donated by Mr. Minoru Koshimura. Collected from Izu Peninsula, Shizuoka Prefecture. Cultivated (training) as a bonsai in a pot about 40 years.

410657 to 410711 —Continued

410668 and 410669. CHAENOMELES JAPONICA (Thunb.) Lindl. ex Spach Rosaceae. **Flowering quince.**

410668. NA 37792. Boke. Donated by Mr. Akitomo Hata, a mayor of Ohmiya Saitama Prefecture. Started by cutting. Cultivated (training) as a bonsai in a pot 80 years.

410669. NA 37793. Boke Donated by Mr. Seiji Kaya, Vice-President of Nippon Bonsai Association, Chigasaki, Kanagawa Prefecture. Started by cutting. Cultivated (training) as a bonsai in a pot about 100 years.

410670. CHAENOMELES SINENSIS (Thouin) Koehne
NA 37794. Karin. Donated by Mr. Etsusaburo Shiina, Tokyo. Started by grafting. Cultivated (training) as a bonsai in a pot about 100 years old.

410671. CHAMAECYPARIS OBTUSA (Sieb. & Zucc.) Endl. Pinaceae.
Hinoki false-cypress.

NA 37795. Hinoki. Donated by Mr. Syuhei Nagai, a member of Nippon Bonsai Association, Tokyo. Collected from "kiso" in Nagano Prefecture. Cultivated (training) as a bonsai in a pot about 100 years.

410672. CORNUS OFFICINALIS Sieb. & Zucc. Cornaceae.
Japanese cornel dogwood.

NA 37796. Sanshyu. Donated by Mr. Yoshimi Nemoto, Kamakuro, Kanagawa Prefecture. Collected from mountainous area. Cultivated (training) as a bonsai in a pot about 30 years.

410673. CRATAEGUS CUNEATA Sieb. & Zucc. Rosaceae.
NA 37797. Sanzashi. Donated by Mr. Kenji Fukunaga, a counselor of Nippon Bonsai Association, Tokyo. Started by seedling. Cultivated (training) as a bonsai in a pot about 80 years.

410674. CRYPTOMERIA JAPONICA (L. f.) D. Don Pinaceae.
Common cryptomeria.

NA 37798. Sugi. Donated by the late Mr. Eisaku Sato, a counselor of Nippon Bonsai Association, Tokyo. Collection from around Akita Prefecture. Cultivated (training) as a bonsai in a pot about 70 years. Connected by each root.

410675. ELAEAGNUS PUNGENS Thunb. Elaeagnaceae. **Thorny elaeagnus.**
NA 37799. Gumi. Donated by Mr. Teisuke Takahashi, a Vice-President of Nippon Bonsai Association, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 150 years.

410676 to 410679. FAGUS CRENATA Blume Fagaceae. **Beech.**

410676. NA 37800. Buna. Donated by Mr. Kiyoshi Kawamata, member of Nippon Bonsai Association, Chmiya, Saitama Prefecture. Collected from Mount Fuji in Shizuoka Prefecture. Cultivated (training) as a bonsai in a pot 30 years.

410677. NA 37801. Buna. Donated by Mr. Taro Takemi, a supporting member of Nippon Bonsai Association, Tokyo. Collected from Mount Fuji, Shizuoka Prefecture. Cultivated (training) as a bonsai in a pot 40 years.

410678. NA 37802. Buna. Donated by Mr. Takeo Miki, Tokyo. Collected from Mount Fuji, Shizuoka Prefecture. Cultivated (training) as a bonsai in a pot about 20 years.

410657 to 410711 —Continued**410676 to 410679—Continued**

- 410679.** NA 37819-3. Buna. Donated by Mr. Nobusuke Kishi, a President of Nippon Bonsai Association, Gotenba, Shizuoka Prefecture. Collected from Mount Fuji. Cultivated (training) as a bonsai in a pot about 40 years.
- 410680 and 410681.** GINKGO BILOBA L. Ginkgoaceae. **Maidenhair-tree.**
- 410680.** NA 37803. Ichō. Donated by Mr. Kiku Shinkai, member of Nippon Bonsai Association, Inazawa, Aichi Prefecture. Started by layering of genus. Cultivated (training) as a bonsai in a pot about 50 years.
- 410681.** NA 37804. Ichō. Donated by Mr. Massayuki Fujio, counselor of Nippon Bonsai Association, Tokyo. Started by seedling. Cultivated (training) as a bonsai in a pot about 80 years.
- 410682.** HAMAMELIS JAPONICA Sieb. & Zucc. Hamamelidaceae. **Japanese witch-hazel.**
- NA37805. Mansaku. Donated by Mr. Sadateru Aoki. Collected from mountain. Cultivated (training) as a bonsai in a pot about 50 years.
- 410683.** ILEX SERRATA Thunb. Aquifoliaceae. **Finetooth holly.**
- NA 37806. Umemodoki. Donated by Mr. Joji Tezuka, supporting member of Nippon Bonsai Association, Tokyo. Started by seedling. Cultivated (training) as a bonsai in a pot about 65 years.
- 410684.** JUNIPERUS CHINENSIS var. SARGENTII Henry Pinaceae. **Juniper.**
- NA 37807. Shimpaku. Donated by Mr. Kenischi Oguchi, member of Nippon Bonsai Association, Okaya, Nagano Prefecture. Collection from Itoigawa, Niigata Prefecture. Cultivated (training) as a bonsai in a pot about 70 years.
- 410685 and 410686.** JUNIPERUS RIGIDA Sieb. & Zucc. **Needle juniper.**
- 410685.** NA 37808. Toshiyo. Donated by Mr. Akira Kato, member of Nippon Bonsai Association, Nagoya, Aichi Prefecture. Collected from Ise, Mie Prefecture. Cultivated (training) as a bonsai in a pot about 50 years.
- 410686.** NA 37809. Toshiyo. Donated by Mr. Michio Nagai, a Minister of Education, Tokyo. Collected from Ise, Mie Prefecture. Cultivated (training) as a bonsai in a pot for about 30 years.
- 410687.** LOROPETALUM CHINENSE (R. Br.) Oliver Hamamelidaceae.
- NA 37810. Tokiwamansaku. Donated by Mr. Raizo Matsuno, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 60 years.
- 410688.** MALUS HALLIANA Koehne Rosaceae. **Hall crabapple.**
- NA 37811. Shidarekaido. Donated by Mr. Yoshikatsu Takeiri, counselor of Nippon Bonsai Association, Tokyo. Started by grafting. Cultivated (training) as a bonsai in a pot about 70 years.
- 410689.** MALUS SIEBOLDII (Regel) Rehder **Toringo crabapple.**
- NA 37812. Miyama-kaido. Donated by Mr. Shyuichi Ueda, an honorary member of Nippon Bonsai Association, Ibaragi, Osaka. Collected from mountainous area. Cultivated (training) as a bonsai in a pot about 70 years.
- 410690 and 410691.** PICEA GLEHNI (Schmidt) Masters Pinaceae. **Sakhalin spruce.**
- 410690.** NA 37813. Ezo-matsu. Donated by Mr. Tokuei Tanaka, member of Nippon Bonsai Association, Kawaguchi, Saitama Prefecture. Collected from Chishima, Kunashiri Island, Hokkaido. Cultivated (training) as a bonsai with stone in a pot about 50 years.

410657 to 410711 —Continued**410690 and 410691 —Continued**

410691. NA 37814. Ezo-matsu. Donated by Mr. Tokichi Matsui, member of Nippon Bonsai Association, Sapporo, Hokkaido. Collected from Chishima, Kunashini Island, Hokkaido. Cultivated (training) as a bonsai in a pot about 40 years.

410692. PINUS DENSIFLORA Sieb. & Zucc. Pinaceae. **Japanese red pine.**
NA 37815. Aka-matsu. Donated by Imperial household. Started by cutting. Cultivated (training) as a bonsai in a pot about 30 years.

410693 to 410696. PINUS PARVIFLORA Sieb. & Zucc. **White pine.**

410693. NA 37816. Goyo-matsu. Donated by Mr. Masaru Yamaki, Manager of Nippon Bonsai Association branch office at Hiroshima, Hiroshima Prefecture. Started by a grafting of 'Miyajima White Pine' from Hiroshima Prefecture. Cultivated (training) as a bonsai in a pot about 350 years.

410694. NA 37817. Goyo-matsu. Donated by Mr. Daizo Iwasaki, Manager of Nippon Bonsai Association branch office at Ehimeken-Toyo, Shikoku. Started by a grafting of 'Miyajima White Pine' from Hiroshima Prefecture. Cultivated (training) as a bonsai in a pot about 120 years.

410695. NA 37818. Goyo-matsu. Donated by Mr. Satoki Hino, member of Nippon Bonsai Association, Shikoku. Collected from Ishizuchi Mountain, Shikoku. Cultivated (training) as a bonsai in a pot about 50 years. Connected by each root.

410696. NA 37819-1. Goyo-matsu. Donated by Mr. Nobusuke Kishi, a President of Nippon Bonsai Association, Gotenba, Shizuoka Prefecture. Collection from Ishizuchi Mountain, Shikoku. Cultivated (training) as a bonsai in a pot about 40 years.

410697 and 410698. PINUS THUNBERGII Parl. **Japanese black pine.**

410697. NA 37820. Kuro-matsu. Donated by Mr. Saichi Suzuki, a life member of Nippon Bonsai Association, Okazaki, Aichi Prefecture. Collected from Atsumi peninsula, Aichi Prefecture. Cultivated (training) as a bonsai in a pot about 80 years.

410698. NA 37821. Kuro-matsu. Donated by Mr. Goro Ito, Tokyo. Collected from Atsumi peninsula, Aichi Prefecture. Cultivated (training) as a bonsai in a pot about 70 years.

410699 to 410703. RHODODENDRON INDICUM (L.) Sweet Ericaceae.

410699. NA 37823. Satsuki. Donated by Mrs. Katsumi Kagaya, member of Nippon Bonsai Association, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 150 years.

410700. NA 37824. Satsuki (Izayoi). Donated by Mr. Kenko Rokkaku, Tochigi Prefecture. Started by cutting. Cultivated (training) as a bonsai in a pot about 70 years.

410701. NA 37825. Satsuki (Hakatashiro). Donated by Mr. Umekichi Nakamura, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 60 years.

410702. NA 37826. Satsuki (Shio). Donated by Mr. Tomio Kato, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 150 years.

410657 to 410711 —Continued**410699 to 410703 —Continued**

410703. NA 37827. Satsuki (Kaho). Donated by Mr. Heigo Fujii, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 50 years.

410704. RHODODENDRON KAEMPFERI Planch.

NA 37822. Kurumetsutsuji. Donated by Mr. Sunao Hiraki, Kurume, Kyushyu. Collection from around Kyushyu. Cultivated (training) as a bonsai in a pot about 60 years.

410705. RHODODENDRON KIUSIANUM Makino

NA 37828. Miyamakirishima. Donated by Kyushyu branch of Nippon Bonsai Growers Cooperation. Collected from Mount Aso, Kyushyu. Cultivated a a bonsai in a pot about 50 years.

410706. STEWARTIA PSEUDO-CAMELLIA Maxim. Theaceae.**Japanese stewartia.**

NA 37829. Natsutsubaki. Donated by Mr. Masanosuke Ikeda, counselor of Nippon Bonsai Association, Tokyo. Collected from Amagi Mountain, Shizuoka Prefecture. Cultivated (training) as a bonsai in a pot about 50 years.

410707. TAXUS CUSPIDATA Sieb. & Zucc. Taxaceae.**Japanese yew.**

NA 37830. Ichii. Donated by Mr. Yasua Uesugi, Musashino, Tokyo. Collected from around Hokkaido. Cultivated (training) as a bonsai in a pot about 50 years.

410708. TSUGA DIVERSIFOLIA (Maxim.) Masters Pinaceae.**Japanese hemlock.**

NA 37831. Kometsuga. Donated by Princess Chichibu. Collected from mountainous area. Cultivated (training) as a bonsai in a pot about 50 years.

410709. ULMUS DAVIDIANA var. JAPONICA (Rehd.) Nakai Ulmaceae.

NA 37834. Nire-keyaki (Aki-nire). Donated by Mr. Shyunichi Sato, a Director of Nippon Bonsai Association, Kodaira, Tokyo. Started by cutting. Cultivated (training) as a bonsai in a pot about 70 years.

410710. WISTERIA FLORIBUNDA (Willd.) DC. Fabaceae.

NA 37832. Fuji. Donated by Mr. Kihei Tamura, Manager of Nippon Bonsai Association branch office at Kamagaya, Chiba Prefecture. Collected from mountainous area. Cultivated (training) as a bonsai in a pot about 50 years.

410711. ZELKOVA SERRATA (Thunb.) Makino Ulmaceae. **Sawleaf zelkova.**

NA 37833. Keyaki. Donated by Mr. Yoshibumi Itoigawa, supporting member of Nippon Bonsai Association, Tokyo. Started by seedling. Cultivated (training) as a bonsai in a pot about 80 years.

410712. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Nigeria. Seed presented by C. Harkness, Institute for Agricultural Research, Samaru, Zaria. Received June 16, 1976.

'K 2503.71'. Progeny row in 1971 from an F₂ plant of 1968 cross ('Spanish 205' × 'TBU 5913') × 'Natal Common' × ('LBU 598'). Progeny segregated considerably, providing the apparently more prolific plants, with more than usual pods per node, comprising the present accession.

410713 to 410715. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Mexico. Seed presented by Instituto Nacional de Investigaciones Agrícolas, Departamento de Oleaginosas, Chapingo. Received July 9, 1976.

410713 to 410715 —Continued

410713. 'Bachimba 74'.

410714. 'Iguala 127'.

410715. 'Rojo Regional'.

410716. *ARACHIS HYPOGAEA* L. **Fabaceae.** **Peanut.**
From Mali. Seed presented by Division de la Recherche Agronomique, Institut d'Economic Rurale, Bamako. Received July 7, 1976.

'47-10'. Spanish type, 90 to 100 day growth cycle. Leaves large, pale green. Pods long with marked ribbing. Testa pale red. Good resistance to drought.

410717 to 410774.

From Australia. Seed collected April-May 1976 by D. J. Hutchinson, Geneticist, Horticultural Research Laboratory, Orlando, Florida. Numbered June 3, 1976.

410717 and 410718. *CITRUS* (hybrid) **Rutaceae.**

410717. 883. Citrus Arboretum, Ndrara Experiment Station, near Gosford, New South Wales. *Citrus sinensis* × *Poncirus trifoliata* ('Ruby' orange probably female parent). Fruits similar to 'Willett's' citrange, not very seedy. Some fruits malformed and divided into locular segments like fingers. Hybrid produced in 1945 and released as rootstock. Local name Benton citrange. Cultivated.

410718. 884. Citrus Arboretum, Ndrara Experiment Station, near Gosford, New South Wales. *Citrus sinensis* × *Poncirus trifoliata*. Sib hybrid of P.I. 410717. Has some characteristics of a citrumelo. Hybrid produced in 1945 an released as rootstock. Local name Bowman citrange. Cultivated.

410719. *CITRUS AURANTIFOLIA* (Christm.) Swingle **Lime.**
851. Daintree Valley, Daintree, Queensland. Similar to 'Tahita' lime. Seedling trees growing along roads and in paddocks. Local name Daintree lime. Cultivated.

410720. *CITRUS HYSTRIX* DC.

863. Department of Plant Industry Arboretum at Nambour, Queensland. Originally from the Philippines. Cultivated.

410721 to 410724. *CITRUS LIMON* (L.) Burm. f. **Lemon.**

410721. 824. Ivan L. Wiffen, Nurseryman, Red Cliffs, Victoria. Similar to Florida rough lemon, except leaves red tipped. Very good rootstock. Local name Red Tip citronelle. Cultivated.

410722. 846. David Morris property, Rocky Point, 11 km north of Mossman, Queensland. Originally from Burma. Similar to 'Meyer' lemon, large fruits. Cultivated.

410723. 848. Daintree Valley, Daintree, Queensland. Seedling trees growing along roads and paddocks. Local name Rough lemon or Bush lemon. Cultivated.

410724. 861. Department of Plant Industry Arboretum at Nambour, Queensland. Local name Lockyer rough lemon. Cultivated.

410725. *CITRUS MEDICA* L. **Citron.**
860. Department of Plant Industry Arboretum at Nambour, Queensland. Round type. Local name Bengal citron. Cultivated.

410717 to 410774 — Continued

410726 to 410730. CITRUS RETICULATA Blanco **Tangerine.**

410726. 825. Ivan L. Wiffen, Nurseryman Red Cliffs, Victoria. Fruits deep scarlet color. Local name Late Scarlet mandarin. Cultivated.

410727. 847. David Morris property, Rocky Point, 11 km north of Mossman, Queensland. Rind has large oil glands. Fruit yellow with lemon colored interior, very acid. Cultivated.

410728. 849. Daintree Valley, Daintree, Queensland. Seedling trees growing along roads and in paddocks. Fruit with dark green exterior and deep orange interior color. Raised oil glands on fruit. Tangy flavor. Good solids, pleasant acidity. Cultivated.

410729. 868. Department of Primary Industry Station at Gatton, Queensland. Commercial variety, early, monoembryonic. Local name Imperial mandarin. Cultivated.

410730. 869. Department of Primary Industry Station at Gatton, Queensland Commercial variety, monoembryonic. Main variety used for local, interstate, and foreign trade. Local name Ellendale mandarin. Cultivated.

410731 to 410736. CITRUS SINENSIS (L.) Osbeck **Sweet orange.**

410731. 826. Department of Agriculture Experiment Station at Dareton, New South Wales. Best sweet orange rootstock in this area. Local name Parramatta sweet orange. Cultivated.

410732. 827. Department of Agriculture Experiment Station at Dareton, New South Wales. Very good sweet orange rootstock. Local name Osborne sweet orange. Cultivated.

410733. 850. Daintree Valley, Daintree, Queensland. Seedling trees growing along roads and in paddocks. Seedy sweet orange. Cultivated.

410734. 856. Frank Robinson property, Gayndah, Queensland. Acidless sweet orange. Local name Bakers sweet orange. Cultivated.

410735. 864. Department of Primary Industry Arboretum at Nambour, Queensland. California Experiment Station-1925. Local name Willowleaf sweet orange. Cultivated.

410736. 881. Citrus Arboretum, Ndrara Experiment Station, near Gosford, New South Wales. Nucellar seedlings of cross that produced 'Benton and 'Bowman'. May have resistance to *Phytophthora*. Local name Ruby orange. Cultivated.

410737. CITRUS sp.

859. Department of Primary Industry Arboretum at Nambour, Queensland. Winged petiole, persistent style. Young foliage, purple. Received as *C. acida*. Cultivated.

410738. CITRUS sp.

862. Department of Primary Industry Arboretum at Nambour, Queensland. Local name Yuzu. Cultivated.

410739. CITRUS sp.

879. Citrus Arboretum, Ndrara Experiment Station, near Gosford, New South Wales. Local name Natsu Mikan. Cultivated.

410717 to 410774—Continued

- 410740.** *EREMOCITRUS GLAUCA* (Lindl.) Swingle Rutaceae.
Australian desert lime.
 816. John Tyler Miagunyah Station near Warrumbungle, New South Wales. Seed taken from very old tree to 6.1 m tall. Local name Desert lime. Wild.
- 410741 to 410764.** *MICROCITRUS AUSTRALASICA* (F. v. Muell.) Swingle Rutaceae.
Australian finger lime.
- 410741.** 803. Ken Curtis property, Sarabah District, near Canungra. Dark green fruit. Wild.
- 410742.** 804. Ken Curtis property, Sarabah District, near Canungra. Yellow fruit. Wild.
- 410743.** 805. Ken Curtis property, Sarabah District, near Canungra. Yellowish-green fruit. Wild.
- 410744.** 806. Ken Curtis property, Sarabah District, near Canungra. Black fruit, pinkish flesh. Wild.
- 410745.** 807. Ken Curtis property, Sarabah District, near Canungra. Dark green fruit. Wild.
- 410746.** 808. Ken Curtis property, Sarabah District, near Canungra. Light green fruit. Wild.
- 410747.** 809. Ken Curtis property, Sarabah District, near Canungra. Blackish-green fruit, pinkish flesh. Wild.
- 410748.** 810. Ken Curtis property, Sarabah District, near Canungra. Green fruit 5 to 8 locules each. Wild.
- 410749.** 811. Ken Curtis property, Sarabah District, near Canungra. Green fruit. Wild.
- 410750.** 812. Ken Curtis property, Sarabah District, near Canungra. Yellowish-green fruit. Wild.
- 410751.** 813. Ken Curtis property, Sarabah District, near Canungra. Reddish-green fruit. Wild.
- 410752.** 865. Department of Primary Industry Arboretum at Nambour, Queensland. Grown from seeds originally collected at Canungra. Cultivated.
- 410753.** 866. Department of Primary Industry Arboretum at Nambour, Queensland. Grown from seeds originally collected at Canungra. Cultivated.
- 410754.** 870. Nullum State Forest, 19 km west-northwest of Mullimbimby, New South Wales. Growing on mountain crests in rain forest. Slender tree to 6.1 m tall. Yellowish-green fruit. Wild.
- 410755.** 871. Nullum State Forest, 19 km west-northwest of Mullimbimby, New South Wales. Growing on mountain crests in rain forest. Slender tree to 6.1 m tall. Yellowish-green fruit. Wild.
- 410756.** 872. Nullum State Forest, 19 km west-northwest of Mullimbimby, New South Wales. Growing on mountain crests in rain forest. Slender tree. Yellowish-green fruit. Wild.
- 410757.** 873. Nullum State Forest, 19 km west-northwest of Mullimbimby, New South Wales. Growing on mountain crests in rain forest. Slender tree. Yellowish-green fruit. Wild.

410717 to 410774—Continued**410741 to 410764—Continued**

- 410758.** 874. Nullum State Forest, 19 km west-northwest of Mullimbimby, New South Wales. Growing on mountain crests in rain forest. Slender tree. Yellowish-green fruit. Wild.
- 410759.** 875. Nullum State Forest, 19 km west-northwest of Mullimbimby, New South Wales. Growing on mountain crests in rain forest. Slender tree 7.6 to 9.1 m tall. Large, yellowish-green fruit, irregular shape, large vesicles. Wild.
- 40760.** 876. Paddock of Nick Jones, Middle Pocket, west of Billinudgel, New South Wales. Small, bushy tree 3.6 to 4.6 m tall. Reddish-brown fruit. Wild.
- 410761.** 878. Paddock of Allen Baker, about 6.4 km west of Mullimbimby, New South Wales. Growing on stream bank. Tree with fairly open type growth 4.6 to 6.1 m tall. Reddish-brown fruit. Wild.
- 410762.** 880. Department of Primary Industry Arboretum at Nambour, Queensland. Seedlings from fruit collected off native trees. Local name Purple finger lime. Cultivated.
- 410763.** 885. W. Everest, Murwillambah, New South Wales. Reddish-brown fruit. Wild.
- 410764.** 886. W. Everest, Murwillambah, New South Wales. Red fruit. Wild.

410765 to 410770. MICROCITRUS AUSTRALIS (Planch.) Swingle**Australian round lime.**

- 410765.** 800. Schelt property, Wights Mountain, Samford. Single tree to 5.5 m tall. Wild.
- 410766.** 801. Schelt property, Wights Mountain, Samford. Small tree with sprouts from old, large base. Fruit somewhat nipped. Wild.
- 410767.** 802. Schelt property, Wights Mountain, Samford. Large tree with many fruits. Wild.
- 410768.** 814. Mrs. Halls' lathhouse, Mount Warning Road, 3 km east of Uki, New South Wales. Seedlings at least 20 years old from seed collected originally in Hingarog, Queensland. Cultivated.
- 410769.** 857. Hoop Pine Plantation, Department of Forestry, 5 km south of Imbil, Queensland. Large tree to 12 m tall, very old. Large leaves. Growing in small stand of climax vegetation. Wild.
- 410770.** 858. Hoop Pine Plantation, Department of Forestry, 5 km south of Imbil, Queensland. Wild.

410771. MICROCITRUS GARRAWAYI (Bail.) Swingle

852. Coen, 9 km northeast in monsoon-rain forest. Elevation 300 m. Tree to 9 m or more. Mature branches mainly thornless. Leaves dimorphic, apex retuse, base cuneate. Fruits elongated, yellowish-green, 3 to 4 locules, seedy. Skin with large oil glands, vesicles firm, crescent to oblong in shape. Wild.

410772. MICROCITRUS INODORA (Bail.) Swingle

853. Near Harvey Creek, Queensland. Growing around base of Bellendan Ker cableway to television transmitter in rain forest area. Slender, understory shrub 1 to 1.8 m tall. Branches and foliage sparse. Thorns paired. Leaves similar to those in illustration of type specimen, but fruits differ in that blossom end is sunken and sometimes nosed, 5 to 6 locules. Local name Russell River lime or Pig nose citron. Wild.

410717 to 410774—Continued**410773 and 410774.** PONCIRUS TRIFOLIATA (L.) Raf. Rutaceae.**Trifoliolate orange.****410773.** 823. Ivan Wiffen, Nurseryman, Red Cliffs, Victoria. Best trifoliolate orange used for rootstock for many years. Local name Williams trifoliolate orange. Cultivated.**410774.** 882. Citrus Arboretum, Ndrara Experiment Station, near Gosford, New South Wales. Strain No. 22, best strain of Department of Agriculture, New South Wales. Cultivated.**410775 to 410777.** ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Upper Volta. Seed presented by O. Roussel, Director, Institut de Recherches pour les Huiles et Oleagineux, Saria. Received July 14, 1976.

410775. 'KH 149 A'.**410776.** 'Te 3'.**410777.** 'TS 32-1'.**410778 and 410779.** ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Nigeria. Seed presented by Institute for Agricultural Research, Samaru, Zaria. Received July 12, 1976.

410778. '2038.71'.**410779.** '4753 × 3117'.**410780 to 410794.**

From Indonesia. Seed collected April-May 1976 by Hideo Koike, Plant Pathologist, U.S. Sugarcane Field Laboratory, Houma, Louisiana. Numbered July 20, 1976.

410780. IMPATIENS sp. Balsaminaceae.

1. Samarinda, Kalimantan. Lavender blossoms. Cultivated.

410781. IMPATIENS sp.

2. Samarinda, Kalimantan. Lavender blossoms. Cultivated.

410782. IMPATIENS sp.

3. Samarinda, Kalimantan. Light pink blossoms. Cultivated.

410783. IMPATIENS sp.

4. Loa Janan, near Samarinda, Kalimantan. Pure white blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410784. IMPATIENS sp.

5. Loa Janan, Kalimantan. Purple blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410785. IMPATIENS sp.

6. Loa Janan, Kalimantan. Orange blossoms, 8 petals, 2 sepals, yellow stripe on petals. Leaves green. Cultivated.

410786. IMPATIENS sp.

7. Loa Janan, Kalimantan. Lavender blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410787. IMPATIENS sp.

8. Loa Janan, Kalimantan. Pinkish-orange blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410780 to 410794—Continued**410788.** IMPATIENS sp.

9. Long Gari, Kalimantan Light pink blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410789. IMPATIENS sp.

10. Long Gari, Kalimantan. Dark pink blossoms, 4 petals, 2 sepals. Leaves green. Cultivated.

410790. IMPATIENS sp.

12. Pandere Village, Sulawesi, 25 km south Palu. Orange blossoms. Leaves green. Cultivated

410791. IMPATIENS sp.

13. Pandere Village, Sulawesi, 25 km south of Palu. Light pink blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410792. IMPATIENS sp.

14. Pandere Village, Sulawesi, 25 km south of Palu. Purple blossoms, 2 petals, 2 sepals. Leaves green. Cultivated.

410793. IMPATIENS sp.

16. On mountain roadside, 60 km south of Palu, Sulawesi. Elevation 580 m. Yellow blossoms, 5 petals, 3 sepals. Leaves green. Wild.

410794. IMPATIENS sp.

17. On mountain roadside, 60 km south of Palu, Sulawesi. Elevation 580 m. Yellow blossoms, 5 petals, 3 sepals. Leaves green. Wild.

410795 to 410809.

From Poland. Seed presented March 1976 by Tadeusz Wolski, Poznanska Hodowla Roslin Dzial Hodowla Zboz, Warsaw. Numbered June 15, 1976.

410795 to 410800. SECALE CEREALE L. Poaceae.**Rye.****410795.** 'Dankowskie Nowe'.**410798.** 'Dankowskie Zlote'.**410796.** 'Dankowskie Selekcyjne'.**410799.** 'Pancerne'.**410797.** 'Dankowskie Srebrne'.**410800.** 'Wojcieszyckie'.**410801.** TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

'Jana'.

410802 to 410809. × TRITICOSECALE Wittm. Poaceae.**Triticale.****410802.** 'LT 259/72'. Winter.**410806.** 'LT 97/73'. Winter.**410803.** 'LT 344/72'. Winter.**410807.** 'LT 140/73'. Winter.**410804.** 'LT 378/72'. Winter.**410808.** 'LT 173/73'. Winter.**410805.** 'LT 484/72'. Winter.**410809.** 'LT 188/73'. Winter.**410810 to 410844.** SESAMUM INDICUM L. Pedaliaceae.**Sesame.**

From United Arab Republic. Seed presented by K. S. Dodds, United Nations Development Project, Cairo through Senior Officer, Plant Production and Protection Division, Food and Agriculture Organization of the United Nations, Rome, Italy. Received May 28, 1976.

410810. FAO 38.417. 1-plant 1.**410811.** FAO 38.418. 1-plant 3.

410810 to 410844 —Continued

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| 410812. FAO 38.419. 1—plant 8. | 410829. FAO 38.436. 69—plant 2. |
| 410813. FAO 38.420. 5—plant 3. | 410830. FAO 38.437. 69—plant 3. |
| 410814. FAO 38.421. 5—plant 4. | 410831. FAO 38.438. 71—plant 1. |
| 410815. FAO 38.422. 5—plant 5. | 410832. FAO 38.439. 71—plant 3. |
| 410816. FAO 38.423. 8—plant 1. | 410833. FAO 38.440. 71—plant 5. |
| 410817. FAO 38.424. 8—plant 2. | 410834. FAO 38.441. 72—plant 1. |
| 410818. FAO 38.425. 14—plant 1. | 410835. FAO 38.442. 72—plant 2. |
| 410819. FAO 38.426. 14—plant 5. | 410836. FAO 38.443. 72—plant 3. |
| 410820. FAO 38.427. 14—plant 6. | 410837. FAO 38.444. 73—plant 1. |
| 410821. FAO 38.428. 35—plant 2. | 410838. FAO 38.445. 73—plant 2. |
| 410822. FAO 38.429. 35—plant 3. | 410839. FAO 38.446. 73—plant 3. |
| 410823. FAO 38.430. 35—plant 4. | 410840. FAO 38.447. 90—plant 1. |
| 410824. FAO 38.431. 67—plant 1. | 410841. FAO 38.448. 90—plant 4. |
| 410825. FAO 38.432. 67—plant 2. | 410842. FAO 38.449. 91—plant 3. |
| 410826. FAO 38.433. 68—plant 2. | 410843. FAO 38.450. 91—plant 2. |
| 410827. FAO 38.434. 68—plant 3. | 410844. FAO 38.451. 91—plant 1. |
| 410828. FAO 38.435. 68—plant 5. | |

410845 to 410847. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Australia. Seed presented April 1976 by Division of Plant Industry Commonwealth Scientific and Industrial Research Organization, Canberra. Numbered June 29, 1976.

- 410845.** 'Gabo'.
410846. 'Halberd'.
410847. 'Robing'.

410848 and 410849. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Uruguay. Seed presented April 1976 by Centro de Investigaciones Agrícolas, Alberto Boerger, La Estanzuela. Numbered June 29, 1976.

- 410848.** 118. Eastern Yaury.
410849. 236. Eastern Tarariras.

410850 to 410872.

From England. Seed presented by G. E. Porter, Plant Breeding Institute, Trumpington, England. Received June 29, 1976.

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| 410850 and 410851. AVENA SATIVA L. Poaceae. | Common oat. |
| 410850. 'Maris Tabard'. Spring. 1975 seed. | |
| 410851. 'Peniarth'. AV 3. Winter. | |
| 410852 to 410866. HORDEUM VULGARE L. Poaceae. | Barley. |
| 410852. 'Abacus'. 2263. Spring. 1975 seed. | |
| 410853. 'Aramir'. 2269. Spring. 1975 seed. | |
| 410854. 'Ark Royal'. 2273. Spring. 1975 seed. | |
| 410855. 'Armelle'. 1762. Spring. | |
| 410856. 'Georgie'. 2264. Spring. 1975 seed. | |

410850 to 410872 — Continued**410852 to 410866 — Continued**

410857. 'Hoppel'. 5732. Winter. 1975 seed.
 410858. 'Maris Otter'. 47. Winter.
 410859. 'Maris Trojan'. 2428. Winter. 1975 seed.
 410860. 'Mazurka'. 1658. Spring.
 410861. 'Sonja'. 1857. Winter. 1975 seed.
 410862. 'Sundance'. 2267. Spring. 1975 seed.
 410863. 'Tyra'. 2465. Spring. 1975 seed.
 410864. 'Universe'. 1737. Spring.
 410865. 'Varunda'. 2240. Spring.
 410866. 'Wing'. 1659. Spring.

410867 to 410872. TRITICUM AESTIVUM L. Poaceae. Common wheat.

410867. 'Kinsman'. T2092. Winter. 1975 seed.
 410868. 'Maris Freeman'. Winter. 1975 seed.
 410869. 'Maris Fundin'. Winter. 1975 seed.
 410870. 'Mega'. T927. Winter. 1975 seed.
 410871. 'Sicco'. T2133. Spring. 1974 seed.
 410872. 'Val'. T932. Winter. 1975 seed.

410873 to 410883.

From Union of Soviet Socialist Republics. Seed presented by A. A. Sozinov, Director, All-Union Breeding and Genetics Institute, Odessa, Leader of Soviet Delegation on Genetics, Breeding and Agrotechniques of Wheat. Received May 27, 1976.

410873 to 410881. TRITICUM AESTIVUM L. Poaceae. Common wheat.

410873. 'Bezostaya 1' × 'Red River 68 F₉'. Winter hardy, semidwarf.
 410874. 'Carkovskaja 63'.
 410875. 'Dneprovskaja 775'.
 410876. 'Dwarf N₁' × 'Mironovskiy 808 F₄'. Winter hardy, semidwarf.
 410877. 'Dwarf N₁' × 'Odessa 51 F₇'. Winter hardy, semidwarf. High quality.
 410878. 'Erythrospermum 127'.
 410879. 'Poleskaja 70'.
 410880. 'Red River 68' × 'Odessa 51 F₇'. Winter, semidwarf. High quality grain.
 410881. 'Rostovchanka'.

410882. TRITICUM DURUM Desf. Durum wheat.

'Odesskaja Jantarnaja'.

410883. × TRITICOSECALE Wittm. Poaceae. Triticale.

'AD 206'.

410884 to 410899. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Morocco. Seed presented December 1975 by American Embassy, Rabat. Numbered June 29, 1976.

410884. 284. 'Pusa 4'. India.
 410885. 386. 'De Florence'. Australia.
 410886. 422. 'Pusa 62'. India.
 410887. 426. 'Pusa 66'. India.

410884 to 410899 — Continued

410888. 588. 'Florence' × 'Aurore'. France.
 410889. 982. 'Barota No. 52'. Tunisia.
 410890. 1315. 'Floreille'. France.
 410891. 2306. 'Pinyte'. Morocco.
 410892. 2511. 'Cailloux'. Tunisia.
 410893. 2635. 'Seafoam'. Australia.
 410894. 2970. 'Indexa'. Morocco.
 410895. 3102. 'Vinkaflor'. Morocco.
 410896. 3260. 'Pusa' × 'Mentana'. Algeria.
 410897. 3268. 'Avril'. France.
 410898. 3296. 'Antee'. Morocco.
 410899. 3297. 'Gloria'. Morocco.

410900. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From France. Seed presented April 1976 by Institut National de la Recherche Agronomique, Station D'Amelioration des Plantes, Rennes, Cedex. Numbered June 29, 1976.

68.7.2.7.2.8.2.3.5. 'Champlein' × 'Arosde'.

410901 and 410902. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Australia. Seed presented by H. Marcellos, Agricultural Research Centre, Tamworth, New South Wales. Numbered June 29, 1976.

410901. 3488. AUS 18446.

410902. Z501. AUS 16030.

410903. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From West Germany. Seed presented by Saatzeitgesellschaft Streng's Erben Aspachhof, Aspachhof. Received June 1, 1976. 'Solo'. Spring type.

410904 to 410908. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Spain. Seed presented April 1976 by MAHISSA, Barcelona. Numbered June 29, 1976.

410904. 954-17 (9459).

410907. 'Puma' (Mahissa 10).

410905. 'Lozano' (Mahissa 13).

410908. 'Rohi' (Mahissa 14).

410906. 'Mahissa 26'.

410909 to 410922.

From Morocco. Seed received 1975 by P. J. Mattern, Department of Agronomy, University of Nebraska, Lincoln, Nebraska. Numbered June 29, 1976.

410909 to 410916. TRITICUM AESTIVUM L. Poaceae. Common wheat.

410909. 'Boudahaika' (Sweeney). Ainel Aouda. Local variety.

410910. 'Nesma'. New variety.

410914. No. 3297.

410911. No. 2306.

410915. 'Potam' (Mexican).

410912. No. 2511.

410916. 'Siete Cerros' (Mexican).

410913. No. 2970.

410917 to 410922. TRITICUM DURUM Desf.

Durum wheat.

410917. 'Beida el Khorifliya, Ainel Aouda. Local variety.

410918. 'Cobros'. Ainel Aouda. Local variety.

410909 to 410922 — Continued**410917 to 410922 — Continued**

410919. 'Haj Mbarek'. Ainel Aouda. Local variety.
 410920. 'Haj Mouline'.
 410921. 'Khorifla Houra'. Ainel Aouda. Local variety.
 410922. 'Red Beard'. Ainel Aouda. Local variety.

410923 to 410932. ORYZA SATIVA L. Poaceae. Rice.

From Philippines. Seed presented by T. T. Chang, International Rice Research Institute, Los Banos, Laguna. Received June 14, 1976.

410923. 'Bahagia'. Peta/Tankai Rotan.
 410924. IR533-1-89. CP231/SLO-17³//Sigadis//IR262.
 410925. IR1910-472P. TN1⁷/TPC-z.
 410926. IR2053-521-3. IR1833/C4-63.
 410927. IR2070-863-1. IR20²O. *nivara*//CR94-13.
 410928. IR3256-01589. IR8/Nagkayat.
 410929. IR3273-67P. IR8⁹/PK203.
 410930. IR4519-02025-2. Zenith/BJ1//BJ1/IR20.
 410931. 'Pankaj'. Peta/Tankai Rotan.
 410932. 'Ta-poo-cho-z'.

410933 to 410947.

From Papua New Guinea. Seed collected March 1976 by D. J. Hutchison, Geneticist, Horticultural Research Laboratory, Orlando, Florida. Numbered June 4, 1976.

410933. CITRUS AURANTIFOLIA (Christm.) Swingle Rutaceae. Lime.
 838. Koki market in Port Moresby. Thin rind, like lime. Agreeable odor and flavor, similar to Mexican lime. Local name Siporo lemon. Cultivated.
410934. CITRUS AURANTIUM L. Sour orange.
 843. Kavieng Agriculture Station, New Ireland. Cultivated.
410935. CITRUS GRANDIS (L.) Osbeck Pummelo.
 844. Ngavalus, 32 km south of Kavieng, New Ireland, beside eastern coast highway, 91 m from seashore. Pink shaddock. Local name Muli. Cultivated.
- 410936 to 410938. CITRUS LIMON (L.) Burm. f. Lemon.
 410936. 833. Kaporika village, Milne Bay District. Fleshy calyx and sharp, nipped, blossom end. Ribbed fruit. Seedling trees grown by natives. Local name Siporo lemon. Cultivated.
 410937. 839. Botanical Garden, Lae. Similar to Florida rough lemon, but branches not as thorny. Taller, more spreading tree. Cultivated.
 410938. 841. Kavieng Agricultural Station, New Ireland. Seedling tree. Cultivated.
410939. CITRUS MACROPTERA Montr.
 840. Manki Fokol Demonstration Area, Road LA-CPT-15, on road to Watut Valley, Bulolo. Elevation 1,524 m. Tree 11 to 12 m tall. Winged petioles, almost as large as leaf blades. Fruit plentiful, thick albedo approximately 10 mm, seedy. Vesicles very similar to *Microcitrus papuana*, *M. australasica* and *Eremocitrus glauca*. Local name Heheba. Wild.

410933 to 410947 —Continued**410940.** CITRUS SINENSIS (L.) Osbeck**Sweet orange.**

842. Kavieng Agricultural Station, New Ireland. Seedling tree. Cultivated.

410941. CLAUSENA sp. Rutaceae.

837. Ladava village, near Maiwara road junction. Tree to 2.7 m tall. Small, round fruit, cream colored. Scent aromatic, lemonlike. Wild.

410942. CLYMENIA POLYANDRA (Tanaka) Swingle Rutaceae.

845. Siviko Store, Ngavalus, 32 km south of Kavieng, along eastern coast highway, New Ireland. Growing around houses, 146 m from seashore. Elevation 3 m. Tree to 11 m tall. Cultivated.

410943. MICROCITRUS PAPUANA H. F. Winters Rutaceae.

830. Teakwood Plantation, Brown River Forestry Station, Department of Forestry, Compartment 3, 35 km north-northeast of Port Moresby. Plentiful in rain forest area. Roots used for toothaches. In flower March 16, one fruit with green seeds. Wild.

410944 to 410947. MICROCITRUS WARBURGIANA (F. W. Bail.) Tan.**410944.** 831. Kaporika village, Milne Bay District. Natives eat fruit and make tea from leaves. Local name Kamahuo siporo. Cultivated.**410945.** 832. Deleweto clearing on Mount Dalaia, Milne Bay District. Growing in tropical rain forest. Elevation 380 m. Tree to 10 m tall, limbs with foliage 4 to 6 m. Crenate leaves, nonpointed, 5.1 to 7.6 cm long, about 2.6 cm wide. Oil glands prominent. Fruit variable in size and shape, oblong to round, rounded at blossom end. Local name Kamahuo siporo. Wild.**410946.** 835. Maiwara village, 3.2 km inland from Milne Bay District. Elevation 10 m. Several trees around village. Tree to 10 m tall, limbs with foliage 4 to 6 m. Leaves crenate, nonpointed, 5.1 to 7.6 cm long about 2.6 cm wide. Oil glands prominent. Fruit oblong to round, rounded at blossom end. Pulp-vesicles used in food as seasoning and boiled in water for drinking. Local name Sisinopa or Maiwara long. Cultivated.**410947.** 836. Bubuleta, 27 km east of Alotau on coast, Milne Bay District. Growing on Department of Agriculture, Stock and Fisheries Station. Elevation 20 m. Tree to 10 m tall. Leaves crenate, nonpointed, 5.1 to 7.6 cm long, about 2.6 cm wide. Oil glands prominent. Fruit oblong to round, rounded at blossom end. Local name Kamokamoququ in Tawara language. Cultivated.**410948.** LYCOPERSICON ESCULENTUM var. CERASIFORME (Dun.)**A. Gray Solanaceae.****Cherry tomato.**

From El Salvador. Seed collected May 1976 by B. H. Waite, University of Florida, Agency for International Development Contract, American Embassy, San Salvador. Numbered June 28, 1976.

1730. Northern slope of Volcano San Salvador, La Libertad Department. Heavy fruiting, light infection of late blight. Growing in damp, shady, location in a coffee plantation. Elevation 1,300 m. Wild.

410949. ORYZA SATIVA L. Poaceae.**Rice.**

From Hungary. Seed presented by Agrobotanikai Allomasa, National Institute for Agrobotany, Tapioszele. Received June 14, 1976.

'Nucleoryza'.

410950. COBAEA sp. Polemoniaceae.

From Costa Rica. Seed presented by Claude Hope, Linda Vista S. A., Cartago.

Received July 6, 1976.

Slopes of Irazu volcano, Cartago Province. Flowers not seen. Elevation 2,135 m.

410951 to 410969. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From South Africa. Seed presented September 1975 by Bethlehem Research Station, Bethlehem, through Division of Plant and Seed Control, Department of Agricultural Technical Services, Pretoria. Numbered June 9, 1976.

410951. Klein Enpaeto² (Wrr × Minn III-54-12, NB 64537). F₅ generation. Winter-intermediate growth habit. Good baking quality, long dormancy. Resistant to leaf and stem rust. Seed lots #1 through #20 grouped.

410952. Klein Enpaeto² (Triumph × CI 13523, Stw646408). F₅ generation. Winter-intermediate growth habit. Resistant to leaf and stem rust. Seed lots #21 through #30 grouped.

410953. Klein Enpaeto (Wrr × Minn III-54-12, NB 64537). F₆ generation. Winter-intermediate growth habit. Good baking quality. Resistant to leaf and stem rust. Seed lots #31 through #48 grouped.

410954. Klein Enpaeto (Triumph × CI 13523, Stw646408). F₆ generation. Winter-intermediate growth habit. Resistant to leaf and stem rust. Seed lots #49 through #64 grouped.

410955. Pitic 62 (Wrr × Minn III-54-12, NB 64357). F₆ generation. Winter-intermediate growth habit. Single sample (#65).

410956. (Chonco² × Timstein × 2 Paw, Stw59R2450) (Triumph × CI 15312, Stw646408). F₆ generation. Winter-intermediate growth habit. Seed lots #66 and #67 grouped.

410957. Klein Enpaeto Gaines¹ (Minturki × *Triticum timopheevi*). F₅ generation. Winter-intermediate growth habit. White seed, semishort straw. Resistant to stem rust and possibly leaf rust. Good yield. Seed lots #68 through #90 grouped.

410958. Klein Enpaeto Gaines¹ (Minturki × *Triticum timopheevi*). F₅ generation. Winter-intermediate growth habit. Red seed, semishort straw. Resistant to stem rust and possibly leaf rust. Good yield. Seed lots #91 through #117 grouped.

410959. (Ottawa × 2 Cheyenne) (Minturki × *Triticum timopheevi*). F₉ generation. Winter growth habit. Good seed quality. Resistant to stem rust. Seed lots #118 through #129 grouped.

410960. Gaines¹ (Minturki × *Triticum timopheevi*). F₅ generation. Winter growth habit. Resistant to stem rust. Seed lots #130 through #244 grouped.

410961. Klein Enpaeto¹ (Yak 54 2xNor10B₂ × Mazoe 5723A_{1A}). F₄ generation. Winter-intermediate growth habit. Semishort straw. Resistant to leaf rust, moderately resistant to stem rust. Good seed quality. Seed lots #245 through #335 grouped.

410962. Scheepers 69⁵ (Rew × CI 12632). F₅ generation. Winter growth habit. Resistant to stem rust, tolerant to dry climatic conditions. Seed lots #336 and #337 grouped.

410963. Scheepers 69¹ (Triumph × CI 13523). F₅ generation. Winter growth habit. Resistant to stem rust, tolerant to dry climatic conditions. Seed lots #338 and #339 grouped.

410951 to 410969—Continued

- 410964.** Flameks³ (Transfer × FW815-x-2, T 2891). F₆ generation. Spring-intermediate growth habit. Resistant to stem and leaf rust. Locally highly tolerant to unfavorable soil conditions which may be aluminum toxicity. Seed lots #340 through #354 grouped.
- 410965.** Flameks⁴ (Minturki × *Triticum timopheevi*). F₇ generation. Spring growth habit. Good baking quality. Resistant to leaf and stem rust, shattering, and moderately resistant to *Septoria tritici*. Seed lots #355 through #374 grouped.
- 410966.** Flameks³ (H44-24). F₆ generation. Spring growth habit. Resistant to stem and leaf rust. Good quality. Seed lots #375 through #378 grouped.
- 410967.** Flameks³ (Triumph × CI 13523). F₆ generation. Spring growth habit. Resistant to stem and leaf rust. Good quality. Seed lots #379 through #389 grouped.
- 410968.** Flameks³ (Rew × CI 13523). F₆ generation. Spring growth habit. Resistant to stem and leaf rust. Good quality. Seed lots #390 through #400 grouped.
- 410969.** Flameks³ (Ld 398 2xLd 357 × St 464). F₆ generation. Spring growth habit. Resistant to stem and leaf rust. Good quality. Seed lots #401 through #413 grouped.

410970 to 410978.

From Union of Soviet Socialist Republics. Seed presented by Division of Plant Introduction, N. I. Vavilov Institute of Plant Industry, Leningrad. Received July 15, 1976.

- 410970 to 410977.** MEDICAGO SATIVA L. Fabaceae. **Alfalfa.**
- 410970.** 'Dedinovskoja'. Moscow Region.
- 410971.** 'Jogeva 118'. Estonia.
- 410972.** 'Kazanskaja 36'. Tataria.
- 410973.** 'Kazanskaja 64/95'. Tataria.
- 410974.** 'Kokchetavsk'. Kazakhstan.
- 410975.** 'Marusinskaja 425'. Tambov Region.
- 410976.** 'Tokmaksakaja'. Kirgizia.
- 410977.** 'Uzgenskaja'. Kirgizia.
- 410978.** TRIFOLIUM PRATENSE L. Fabaceae. **Red clover.**
'Gibridnyj Pozdnespelyj'. (Late ripening hybrid). Moscow Region.

410979 to 410988.

From South Africa. Plant material collected February–April 1976 by A. J. Oakes, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland, and E. C. Bashaw, Soil and Crop Sciences Department, Texas A & M University, College Station, Texas. Numbered August 2, 1976.

- 410979 and 410980.** ACROCERAS MACRUM Stapf Poaceae. **Nilegrass.**
- 410979.** 1933. 'Cedara Select'. Cedara Agricultural College, Pietermaritzburg, Natal. Rhizomes.
- 410980.** 2104. Ten km west of Newcastle, Natal. Growing on open grassland. Rhizomes.

410979 to 410988—Continued

- 410981 and 410982.** *CENCHRUS CILIARIS* L. Poaceae. **Buffelgrass.**
410981. 2405. Seven km north of Carnorvon, Cape Province. Growing on open grassland. Plants.
410982. 2412. Near Humanshof, Cape Province. Growing on open grassland. Seeds.
- 410983.** *LEPTOCHLOA FUSCA* (L.) Kunth Poaceae.
 2568. Southkloof River, Cape Province. Tufted perennial, prevents silting in streams. Growing in streambed. Plants.
- 410984 and 410985.** *ERAGROSTIS CURVULA* (Schrad.) Nees Poaceae. **Weeping lovegrass.**
410984. 1999. Tabamhlope, Estcourt Research Farm, Estcourt, Natal. Elevation 1,400 m. Growing on open grassland. Plants.
410985. 2118. Eight km west of Middelburg, Cape Province. Growing on open grassland. Seeds.
- 410986.** *NERIUM OLEANDER* L. Apocynaceae. **Oleander.**
 2888. Park in Dendron, Transvaal. Ornamental shrub, white flowers. Cuttings.
- 410987.** *SETARIA* sp. Poaceae.
 2040. Fifteen km northeast of Newcastle, Natal. Low dense foliage, large seed. Growing on open grassland. Seeds.
- 410988.** *UROCHLOA MOSAMBICENSIS* (Hack.) Dandy Poaceae.
 2804. Mara Research Station, Mara, Transvaal. Growing on open grassland. Stolons.
- 410989.** *ORYZA SATIVA* L. Poaceae. **Rice.**
 From Taiwan. Seed presented by Taiwan Agricultural Research Institute, Taipei. Received August 25, 1976.
 'Taichung-Sen-Yu 196'.
- 410990.** *CLERODENDRUM THOMSONAE* Balf. f. Verbenaceae. **Thomson glorybower**
 From Norway. Cuttings presented September 1972 to Harold Hildrum, Department of Floriculture and Ornamental Horticulture, Cornell University, Ithaca, New York. Numbered October 6, 1976.
 Department of Floriculture, Agriculture University, Vollebekk. Free flowering. Readily mutates to variegated leaf form.
- 410991 to 411126.**
 From Turkey. Seed presented February 1976 by Dr. Ahmet Akyurek, Cevreli-Dik Sok, Aydinlikevler, Ankara. Numbered June 16, 1976.
- 410991 to 410998.** *HORDEUM DISTICHON* L. Poaceae. **Two-rowed barley.**
410991. 'Akyurek 121'. 'Betzes' × ('Pennrad' × 'Wong')—selection 1.
410992. 'Akyurek 122'. 'Betzes' × ('Pennrad' × 'Wong')—selection 2.
410993. 'Akyurek 123'. 'Betzes' × ('Pennrad' × 'Wong')—selection 1.
410994. 'Akyurek 124'. 'Betzes' × ('Pennrad' × 'Wong')—selection 3.
410995. 'Akyurek 125'. 'Betzes' × ('Pennrad' × 'Wong')—selection 1.
410996. 'Akyurek 126'. 'Betzes' × ('Pennrad' × 'Wong')—selection 2.
410997. 'Akyurek 128'. 'Betzes' × ('Pennrad' × 'Wong')—selection 1.

410991 to 411126—Continued**410991 to 410998—Continued**

410998. 'Akyurek 129'. 'Betzes' × ('Penrad' × 'Wong')— selection 1.

410999 to 411126. HORDEUM VULGARE L.**Barley.**

410999. 'Akyurek 1'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 4.

411000. 'Akyurek 2'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 3.

411001. 'Akyurek 3'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.

411002. 'Akyurek 4'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 2.

411003. 'Akyurek 5'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 3.

411004. 'Akyurek 6'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.

411005. 'Akyurek 7'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 2.

411006. 'Akyurek 8'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.

411007. 'Akyurek 9'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 3.

411008. 'Akyurek 10'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 4.

411009. 'Akyurek 11'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 5.

411010. 'Akyurek 12'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.

411011. 'Akyurek 13'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.

411012. 'Akyurek 14'. 'Trail' × ('C.I. 8624' × 'Meimi') — selection 1.

411013. 'Akyurek 15'. 'Trail' × ('C.I. 8624' × 'Meimi') — selection 1.

411014. 'Akyurek 16'. 'Trail' × ('C.I. 8624' × 'Meimi') — selection 2.

411015. 'Akyurek 17'. 'Trail' × ('C. I. 8624' × 'Meimi') — selection 1.

411016. 'Akyurek 18'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411017. 'Akyurek 19'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411018. 'Akyurek 20'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411019. 'Akyurek 21'. 'Larker' × ('Hudson' × 'Wong') — selection 2.

411020. 'Akyurek 22'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411021. 'Akyurek 23'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411022. 'Akyurek 24'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411023. 'Akyurek 25'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411024. 'Akyurek 26'. 'Larker' × ('Hudson' × 'Wong') — selection 2.

411025. 'Akyurek 27'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 2.

411026. 'Akyurek 28'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.

411027. 'Akyurek 29'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 3.

411028. 'Akyurek 30'. 'Larker' × ('Hudson' × 'Wong') — selection 1. Spring growth habit.

411029. 'Akyurek 31'. 'Larker' × ('Hudson' × 'Wong') — selection 2.

411030. 'Akyurek 32'. 'Larker' × ('Hudson' × 'Wong') — selection 3. Spring growth habit.

411031. 'Akyurek 33'. 'Larker' × ('Hudson' × 'Wong') — selection 1.

411032. 'Akyurek 34'. 'Larker' × ('Hudson' × 'Wong') — selection 2.

411033. 'Akyurek 35'. 'Larker' × ('Hudson' × 'Wong') — selection 3. Spring growth habit.

411034. 'Akyurek 36'. 'Trail' × ('Hudson' × 'Wong') — selection 2.

411035. 'Akyurek 37'. 'Trail' × ('C.I. 8624' × 'Meimi') — selection 2.

410991 to 411126 — Continued**410999 to 411126 — Continued**

411036. 'Akyurek 39'.
 411037. 'Akyurek 40'. C.I. 8624' × ('Meimi' × 'Larker') — selection 2.
 411038. 'Akyurek 41'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411039. 'Akyurek 42'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411040. 'Akyurek 43'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411041. 'Akyurek 44'. 'Larker' × ('Hudson' × 'Wong') — selection 2. Spring growth habit.
 411042. 'Akyurek 45'. 'Larker' × ('Hudson' × 'Wong') — selection 3.
 411043. 'Akyurek 46'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.
 411044. 'Akyurek 47'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 2.
 411045. 'Akyurek 48'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 3.
 411046. 'Akyurek 49'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411047. 'Akyurek 50'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411048. 'Akyurek 51'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411049. 'Akyurek 52'. 'Larker' × ('Hudson' × 'Wong') — selection 3.
 411050. 'Akyurek 53'. 'Trail' × ('Hudson' × 'Wong') — selection 1.
 411051. 'Akyurek 54'. 'Trail' × ('Hudson' × 'Wong') — selection 3.
 411052. 'Akyurek 55'. 'Trail' × ('Hudson' × 'Wong') — selection 4
 411053. 'Akyurek 56'. 'Betzes' × ('Pennrad' × 'Wong') — selection 2.
 411054. 'Akyurek 57'. 'Betzes' × ('Pennrad' × 'Wong') — selection 3.
 411055. 'Akyurek 58'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411056. 'Akyurek 59'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411057. 'Akyurek 60'. 'Larker' × ('Hudson' × 'Wong') — selection 3.
 411058. 'Akyurek 61'. 'Larker' × ('Hudson' × 'Wong') — selection 4.
 411059. 'Akyurek 62'. 'Betzes' × ('Pennrad' × 'Wong') — selection 1.
 411060. 'Akyurek 63'. 'Betzes' × ('Pennrad' × 'Wong') — selection 2.
 411061. 'Akyurek 64'. 'Betzes' × ('Pennrad' × 'Wong') — selection 3.
 411062. 'Akyurek 65'. 'Larker' × ('Hudson' × 'Wong') — selection 2. Spring growth habit.
 411063. 'Akyurek 66'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411064. 'Akyurek 67'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411065. 'Akyurek 68'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411066. 'Akyurek 69'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411067. 'Akyurek 70'.
 411068. 'Akyurek 71'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411069. 'Akyurek 72'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411070. 'Akyurek 73'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411071. 'Akyurek 74'. 'Betzes' × ('Pennrad' × 'Wong') — selection 1.
 411072. 'Akyurek 75'. 'Betzes' × ('Pennrad' × 'Wong') — selection 2.
 411073. 'Akyurek 76'. 'Betzes' × ('Pennrad' × 'Wong') — selection 3.
 411074. 'Akyurek 77'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 2. Spring growth habit.

410991 to 411126 — Continued**410999 to 411126 — Continued**

411075. 'Akyurek 78'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411076. 'Akyurek 79'. 'Trail' × ('Hudson' × 'Wong') — selection 1.
 411077. 'Akyurek 80'. 'Trail' × ('Hudson' × 'Wong') — selection 2.
 411078. 'Akyurek 81'. 'Trail' × ('Hudson' × 'Wong') — selection 3.
 411079. 'Akyurek 82'. 'Trail' × ('Hudson' × 'Wong') — selection 4.
 411080. 'Akyurek 83'. 'Trail' × ('Hudson' × 'Wong') — selection 5.
 411081. 'Akyurek 84'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411082. 'Akyurek 85'. 'Larker' × ('Wong' × 'Hudson') — selection 1.
 411083. 'Akyurek 86'. 'Larker' × ('Wong' × 'Hudson') — selection 2.
 411084. 'Akyurek 87'. 'Larker' × ('Wong' × 'Hudson') — selection 3.
 411085. 'Akyurek 88'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.
 411086. 'Akyurek 89'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 2.
 411087. 'Akyurek 90'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.
 411088. 'Akyurek 91'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411089. 'Akyurek 92'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411090. 'Akyurek 93'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411091. 'Akyurek 94'. 'Larker' × ('Hudson' × 'Wong') — selection 3.
 411092. 'Akyurek 95'. 'Betzes' × ('Pennrad' × 'Wong') — selection 1.
 411093. 'Akyurek 96'. 'Betzes' × ('Pennrad' × 'Wong') — selection 2.
 411094. 'Akyurek 97'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411095. 'Akyurek 98'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 2.
 411096. 'Akyurek 99'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 3.
 411097. 'Akyurek 100'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411098. 'Akyurek 101'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411099. 'Akyurek 102'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411100. 'Akyurek 103'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411101. 'Akyurek 104'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 2.
 411102. 'Akyurek 105'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411103. 'Akyurek 106'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411104. 'Akyurek 107'. 'Larker' × ('Hudson' × 'Wong') — selection 3.
 Spring growth habit.
 411105. 'Akyurek 108'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411106. 'Akyurek 109'. 'Moravian' × ('C.I. 8624' × 'Meimi') — selection 1.
 411107. 'Akyurek 110'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411108. 'Akyurek 111'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411109. 'Akyurek 112'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411110. 'Akyurek 113'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411111. 'Akyurek 114'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411112. 'Akyurek 115'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411113. 'Akyurek 116'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 Spring growth habit.

410991 to 411126 — Continued**410999 to 411126 — Continued**

411114. 'Akyurek 117'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411115. 'Akyurek 118'. 'Larker' × ('Hudson' × 'Wong') — selection 2.
 411116. 'Akyurek 119'. 'Larker' × ('Hudson' × 'Wong') — selection 3.
 411117. 'Akyurek 120'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411118. 'Akyurek 127'. 'Betzes' × ('Pennrad' × 'Wong') — selection 3.
 411119. 'Akyurek 130'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 2.
 411120. 'Akyurek 131'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411121. 'Akyurek 132'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 2.
 411122. 'Akyurek 133'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 2.
 411123. 'Akyurek 134'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 1.
 411124. 'Akyurek 135'. 'C.I. 8624' × ('Meimi' × 'Larker') — selection 3.
 411125. 'Akyurek 136'. 'Larker' × ('Hudson' × 'Wong') — selection 1.
 411126. 'Akyurek 137'. 'Larker' × ('Hudson' × 'Wong') — selection 2.

411127. FESTUCA PRATENSIS Huds. Poaceae. Meadow Fescue.

From Union of Soviet Socialist Republics. Seed presented by Division of Plant Introduction, N. I. Vavilov Institute of Plant Industry, Leningrad. Received July 15, 1976.

'VIK 5'. Moscow Region.

411128 and 411129. BETA VULGARIS L. Chenopodiaceae.

Sugarbeet.

From Union of Soviet Socialist Republics. Seed presented by N. I. Vavilov Institute of Plant Industry, Leningrad. Received July 1976.

411128. Pollinator "O" type. No. 1. Many-seeded. The Ukraine.

411129. MS line No. 1. Many-seeded. The Ukraine.

411130 to 411132.

From Japan. Seed presented by T. Yoshida, Kyushu Agricultural Experiment Station, Chikugo, Fukuoka. Received July 26, 1976.

411130 and 411131. HORDEUM VULGARE L. Poaceae.

Barley.

411130. 'Kawasaigoku'. Powdery mildew resistant.

411131. 'Musachino-mugi'. High yielder. Powdery mildew resistant. Winter.

411132. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

'Gogatsu-komugi'. Powdery mildew resistant.

411133 to 411136.

From Guyana. Seed presented by Project Director, P. L. McKenzie, Livestock Project Division, Georgetown. Received July 9, 1976.

411133. STYLOSANTHES ANGUSTIFOLIA Vog. Fabaceae.

Dadanawa, South Rupununi Savannahs. Native.

411134. STYLOSANTHES GUIANENSIS (Aubl.) Sw.

Pirara, North Rupununi Savannahs. Native.

411135. STYLOSANTHES HUMILIS H.B.K.

Meritezeiro, North Rupununi Savannahs. Native.

411133 to 411136 — Continued**411136.** *STYLOSANTHES VISCOSA* Sw.

Meritezeiro, North Rupununi Savannas. Native.

411137 to 411139. *ZEA MAYS* L. **Poaceae.** **Corn.**

From People's Republic of China. Seed presented April 1976 by D. B. Ferguson, David & Sons, Inc., Fresno, California, and increased by the Plant Disease Research Laboratory, Frederick, Maryland. Numbered September 1, 1976.

411137. Seed small, white, dent type. Open pollinated. Contaminant from commercial squash shipment.**411138.** Seed small, yellow, dent type. Open pollinated. Contaminant from commercial squash shipment.**411139.** Seed small, deep orange-yellow, dent type. Open pollinated. Contaminant from commercial squash shipment.**411140.** *HORDEUM VULGARE* L. **Poaceae.** **Barley.**

From Germany. Seed presented by E. Rehse, F. Von Lochow-Petkus GMBH, Northeim. Received August 5, 1976.

'Gitte'. Winter type.

411141 to 411144. *PISUM SATIVUM* L. **Fabaceae.** **Pea.**

From New Zealand. Seed presented by D. S. Goulden, Crops Research Division, Department of Scientific and Industrial Research, Lincoln, Christchurch. Received July 2, 1976.

411141. 'Pania'. Selection from cross between 'Poha' and unnamed cultivar used for its resistance to top yellows virus and dark green pea color. First flowers produced at the 14th or 16th node. Foliage medium green, internodes short. Blunt, straight pods produced in pairs, contain 7 or 8 peas. High yielding. Matures three days later than 'Piri'.**411142.** 'Patea'. From cross between two early cultivars, 'William Massey' and 'Jade'. First flowers produced at 12th or 13th node. Internodes medium length. Foliage medium green. Pods produced mainly in pairs, blunt and straight, contain 7 or 8 peas. Even-maturing pea with reasonable vine length.**411143.** 'Piri'. From cross between 'Victory Freezer' and a top yellows resistant selection from 'Dark Skinned Perfection'. First flowers are produced at the 13th or 14th node. Maturity similar to 'Puke'. Foliage dark green, internode medium length. Blunt straight pods, contain 6 to 8 peas, mostly in pairs. Matures very evenly, and has outyielded most other cultivars under dry conditions or low soil fertility.**411144.** 'Puke'. Selection from cross between 'Small Sieve Freezer' and 'Jade'. First flowers produced at 13th or 14th node. Internodes medium length. Foliage dark green. High proportion of the blunt, straight pods, set in pairs, and contain 7 or 8 peas. High yielding and gives best results with adequate moisture. Matures two days later than 'Patea'.**411145.** *PRUNUS DOMESTICA* L. **Rosaceae.** **Common plum.**

From Bulgaria. Scions presented by Ivan Iliev, Institute for Vegetable Crops, Plovdiv, through the Institute for Genetics and Plant Breeding, Sofia. Received March 11, 1975.

'Pulpuveda'.

411146. PRUNUS ARMENIACA L. Rosaceae. Apricot.
From Yugoslavia. Cuttings presented by S. A. Paunovic, Fruit Research Institute, Cacak. Received September 10, 1975.
'I/19'.

411147. PRUNUS DOMESTICA L. Rosaceae. Common plum.
From England. Cuttings presented by B. F. Self, East Malling Research Station, Kent. Received September 9, 1974.
'N340/4.6'.

411148. PRUNUS sp. Rosaceae.
From England. Cuttings presented by John Innes Institute, Norwich. Received August 20, 1975.
'2420'.

411149. PRUNUS PERSICA (L.) Batsch Rosaceae. Nectarine.
From Poland. Cuttings presented by Director, Research Institute of Pomology, Skierniewice. Received August 12, 1975.
'745'.

411150 to 412768.

From Canada. Seed collected 1964-1974 by Research Department, Canada Department of Agriculture, and presented 1975 by J. W. Martens, Research Station, Winnipeg. Numbered August 1, 1976.

411150 to 411363. AVENA ABYSSINICA Hochst. ex A. Rich. Poaceae. Abyssinian oat.

- 411150. CAV 2855. Twenty km north of Addis Ababa, Ethiopia.
- 411151. CAV 2856. Forty km north of Addis Ababa, Ethiopia.
- 411152. CAV 2857. Forty km north of Addis Ababa, Ethiopia.
- 411153. CAV 2858. Forty km north of Addis Ababa, Ethiopia.
- 411154. CAV 3305. Market, Addis Ababa, Ethiopia.
- 411155. CAV 2959. Fourteen km north of Adi Kwala, Ethiopia.
- 411156. CAV 2960. Fourteen km north of Adi Kwala, Ethiopia.
- 411157. CAV 2961. Fourteen km north of Adi Kwala, Ethiopia.
- 411158. CAV 2962. Fourteen km north of Adi Kwala, Ethiopia.
- 411159. CAV 2963. Fourteen km north of Adi Kwala, Ethiopia.
- 411160. CAV 2964. Fourteen km north of Adi Kwala, Ethiopia.
- 411161. CAV 2934. Ten km south of Adi Ugri, Ethiopia.
- 411162. CAV 2935. Ten km south of Adi Ugri, Ethiopia.
- 411163. CAV 2936. Ten km south of Adi Ugri, Ethiopia.
- 411164. CAV 2937. Ten km south of Adi Ugri, Ethiopia.
- 411165. CAV 2938. Ten km south of Adi Ugri, Ethiopia.
- 411166. CAV 2939. Fifteen km north of Adi Ugri, Ethiopia.
- 411167. CAV 2940. Fifteen km north of Adi Ugri, Ethiopia.
- 411168. CAV 3090. Ten km south of Adigrat, Ethiopia.
- 411169. CAV 3091. Ten km south of Adigrat, Ethiopia.
- 411170. CAV 3092. Ten km south of Adigrat, Ethiopia.
- 411171. CAV 3093. Ten km south of Adigrat, Ethiopia.
- 411172. CAV 3096. Ten km south of Adigrat, Ethiopia.

411150 to 412768 —Continued**411150 to 411363 —Continued**

- 411173. CAV 3097. Ten km south of Adigrat, Ethiopia.
- 411174. CAV 3098. Ten km south of Adigrat, Ethiopia.
- 411175. CAV 3099. Thirty km south of Adigrat, Ethiopia.
- 411176. CAV 3101. Thirty km south of Adigrat, Ethiopia.
- 411177. CAV 3102. Thirty km south of Adigrat, Ethiopia.
- 411178. CAV 3103. Thirty km south of Adigrat, Ethiopia.
- 411179. CAV 3104. Thirty km south of Adigrat, Ethiopia.
- 411180. CAV 3105. Thirty km south of Adigrat, Ethiopia.
- 411181. CAV 3106. Sixty-five km south of Adigrat, Ethiopia.
- 411182. CAV 3108. Sixty-five km south of Adigrat, Ethiopia.
- 411183. CAV 3109. Sixty-five km south of Adigrat, Ethiopia.
- 411184. CAV 2883. Forty-two km northwest of Adis Zemen, Ethiopia.
- 411185. CAV 2884. Forty-two km northwest of Adis Zemen, Ethiopia.
- 411186. CAV 2885. Forty-two km northwest of Adis Zemen, Ethiopia.
- 411187. CAV 2886. Forty-two km northwest of Adis Zemen, Ethiopia.
- 411188. CAV 2887. Forty-two km northwest of Adis Zemen, Ethiopia.
- 411189. CAV 2888. Forty-two km northwest of Adis Zemen, Ethiopia.
- 411190. CAV 2926. Twenty km west of Aksum, Ethiopia.
- 411191. CAV 2927. Ten km northeast of Aksum, Ethiopia.
- 411192. CAV 2928. Ten km northeast of Aksum, Ethiopia.
- 411193. CAV 2929. Ten km northeast of Aksum, Ethiopia.
- 411194. CAV 2930. Ten km northeast of Aksum, Ethiopia.
- 411195. CAV 2931. Ten km northeast of Aksum, Ethiopia.
- 411196. CAV 2932. Ten km northeast of Aksum, Ethiopia.
- 411197. CAV 2933. Ten km northeast of Aksum, Ethiopia.
- 411198. CAV 2955. Twenty-six km northeast of Aksum, Ethiopia.
- 411199. CAV 2956. Twenty-six km northeast of Aksum, Ethiopia.
- 411200. CAV 2957. Twenty-six km northeast of Aksum, Ethiopia.
- 411201. CAV 2958. Twenty-six km northeast of Aksum, Ethiopia.
- 411202. CAV 3280. Ten km south of Alemaya, Ethiopia.
- 411203. CAV 3239. Eight km west of Ambo, Ethiopia.
- 411204. CAV 3240. Eight km west of Ambo, Ethiopia.
- 411205. CAV 3242. Twenty-six km west of Ambo, Ethiopia.
- 411206. CAV 3243. Twenty-six km west of Ambo, Ethiopia.
- 411207. CAV 3284. Twenty-six km west of Ambo, Ethiopia.
- 411208. CAV 2951. Twenty km south of Asmera, Ethiopia.
- 411209. CAV 2952. Twenty km south of Asmera, Ethiopia.
- 411210. CAV 2970. Four km south of Asmera, Ethiopia.
- 411211. CAV 2973. Four km south of Asmera, Ethiopia.
- 411212. CAV 2978. Four km south of Asmera, Ethiopia.
- 411213. CAV 2991. Ten km south of Asmera, Ethiopia.

411150 to 412768—Continued**411150 to 411363—Continued**

- 411214. CAV 2993. Ten km south of Asmera, Ethiopia.
- 411215. CAV 2994. Ten km south of Asmera, Ethiopia.
- 411216. CAV 2998. Ten km south of Asmera, Ethiopia.
- 411217. CAV 3000. Ten km south of Asmera, Ethiopia.
- 411218. CAV 3004. Eight km southeast of Asmera, Ethiopia.
- 411219. CAV 3010. Eight km southeast of Asmera, Ethiopia.
- 411220. CAV 3020. Eighteen km southeast of Asmera, Ethiopia.
- 411221. CAV 3023. Twenty-four km southeast of Asmera, Ethiopia.
- 411222. CAV 3024. Twenty-four km southeast of Asmera, Ethiopia.
- 411223. CAV 3031. Twenty-four km southeast of Asmera, Ethiopia.
- 411224. CAV 3032. Twenty-four km southeast of Asmera, Ethiopia.
- 411225. CAV 3033. Twenty-four km southeast of Asmera, Ethiopia.
- 411226. CAV 3034. Twenty-four km southeast of Asmera, Ethiopia.
- 411227. CAV 2881. Thirty km northeast of Bahir-Dard, Ethiopia.
- 411228. CAV 2882. Thirty km northeast of Bahir-Dard, Ethiopia.
- 411229. CAV 2920. Eight km northeast of Dabat, Ethiopia.
- 411230. CAV 3218. Three km north of Debra-Birhan, Ethiopia.
- 411231. CAV 3219. Three km north of Debra-Birhan, Ethiopia.
- 411232. CAV 3220. Three km north of Debra-Birhan, Ethiopia.
- 411233. CAV 3222. Thirty-three km south of Debra-Birhan, Ethiopia.
- 411234. CAV 2864. Fifty km east of Debre Markos, Ethiopia.
- 411235. CAV 2865. Fifty km east of Debre Markos, Ethiopia.
- 411236. CAV 2866. Fifty km east of Debre Markos, Ethiopia.
- 411237. CAV 2867. Twenty km east of Debre Markos, Ethiopia.
- 411238. CAV 2868. Ten km northwest of Debre Markos, Ethiopia.
- 411239. CAV 2869. Ten km northwest of Debre Markos, Ethiopia.
- 411240. CAV 2870. Twenty km northwest of Debre Markos, Ethiopia.
- 411241. CAV 2873. Thirty-five km northwest of Debre Markos, Ethiopia.
- 411242. CAV 2874. Thirty-five km northwest of Debre Markos, Ethiopia.
- 411243. CAV 2875. Thirty-five km northwest of Debre Markos, Ethiopia.
- 411244. CAV 3207. Twenty-six km south of Debre Sina, Ethiopia.
- 411245. CAV 3208. Twenty-six km south of Debre Sina, Ethiopia.
- 411246. CAV 3209. Twenty-six km south of Debre Sina, Ethiopia.
- 411247. CAV 3210. Thirty-five km south of Debre Sina, Ethiopia.
- 411248. CAV 3213. Thirty-five km south of Debre Sina, Ethiopia.
- 411249. CAV 3234. Thirty km south of Debre Zeyit, Ethiopia.
- 411250. CAV 3235. Thirty km south of Debre Zeyit, Ethiopia.
- 411251. CAV 3282. Thirty km south of Debre Zeyit, Ethiopia.
- 411252. CAV 3283. Debre Zeyit, Ethiopia.
- 411253. CAV 3037. Twenty-four km southeast of Dekemhare, Ethiopia.
- 411254. CAV 3038. Twenty-four km southeast of Dekemhare, Ethiopia.
- 411255. CAV 3039. Eight km northeast of Dekemhare, Ethiopia.

411150 to 412768 — Continued**411150 to 411363 — Continued**

- 411256.** CAV 3040. Twelve km southeast of Dekemhare, Ethiopia.
- 411257.** CAV 3041. Twelve km southeast of Dekemhare, Ethiopia.
- 411258.** CAV 3042. Twelve km southeast of Dekemhare, Ethiopia.
- 411259.** CAV 3043. Twelve km southeast of Dekemhare, Ethiopia.
- 411260.** CAV 3061. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411261.** CAV 3044. Eighteen km southeast of Dekemhare Maraba, Ethiopia.
- 411262.** CAV 3045. Eighteen km southeast of Dekemhare Maraba, Ethiopia.
- 411263.** CAV 3046. Eighteen km southeast of Dekemhare Maraba, Ethiopia.
- 411264.** CAV 3047. Eighteen km southeast of Dekemhare Maraba, Ethiopia.
- 411265.** CAV 2859. Thirty km west of Fiche, Ethiopia.
- 411266.** CAV 2860. Thirty km west of Fiche, Ethiopia.
- 411267.** CAV 2861. Ten km west of Fiche, Ethiopia.
- 411268.** CAV 2862. Ten km west of Fiche, Ethiopia.
- 411269.** CAV 2863. Ten km west of Fiche, Ethiopia.
- 411270.** CAV 2878. Ten km south of Fiche, Ethiopia.
- 411271.** CAV 3245. Twenty km west of Gedo, Ethiopia.
- 411272.** CAV 3247. Thirty-five km east of Gedo, Ethiopia.
- 411273.** CAV 3248. Thirty-five km east of Gedo, Ethiopia.
- 411274.** CAV 3249. Thirty-five km east of Gedo, Ethiopia.
- 411275.** CAV 3288. Thirty km east of Gedo, Ethiopia.
- 411276.** CAV 3236. Twenty-two km west of Genet, Ethiopia.
- 411277.** CAV 3237. Fifty-eight km west of Genet, Ethiopia.
- 411278.** CAV 3238. Fifty-eight km west of Genet, Ethiopia.
- 411279.** CAV 2892. Ten km south of Gonder, Ethiopia.
- 411280.** CAV 2893. Ten km south of Gonder, Ethiopia.
- 411281.** CAV 2894. Ten km south of Gonder, Ethiopia.
- 411282.** CAV 2895. Ten km south of Gonder, Ethiopia.
- 411283.** CAV 2899. Ten km north of Gonder, Ethiopia.
- 411284.** CAV 2900. Ten km north of Gonder, Ethiopia.
- 411285.** CAV 2901. Ten km north of Gonder, Ethiopia.
- 411286.** CAV 2903. Fifteen km north of Gonder, Ethiopia.
- 411287.** CAV 2904. Fifteen km north of Gonder, Ethiopia.
- 411288.** CAV 2905. Fifteen km north of Gonder, Ethiopia.
- 411289.** CAV 2908. Twenty km northeast of Gonder, Ethiopia.
- 411290.** CAV 2909. Thirty-five km northeast of Gonder, Ethiopia.
- 411291.** CAV 2911. Thirty-five km northeast of Gonder, Ethiopia.
- 411292.** CAV 2912. Thirty-five km northeast of Gonder, Ethiopia.
- 411293.** CAV 2913. Sixty-five km northeast of Gonder, Ethiopia.
- 411294.** CAV 2914. Sixty-five km northeast of Gonder, Ethiopia.

411150 to 412768 —Continued**411150 to 411363—Continued**

- 411295. CAV 2915. Sixty-five km northeast of Gonder, Ethiopia.
- 411296. CAV 2916. Fifty-two km northeast of Gonder, Ethiopia.
- 411297. CAV 2917. Fifty-two km northeast of Gonder, Ethiopia.
- 411298. CAV 2918. Fifty-two km northeast of Gonder, Ethiopia.
- 411299. CAV 2919. Fifty-two km northeast of Gonder, Ethiopia.
- 411300. CAV 2889. Forty-five km north of Gorgora, Ethiopia.
- 411301. CAV 2890. Forty-five km north of Gorgora, Ethiopia.
- 411302. CAV 2896. Forty km north of Gorgora, Ethiopia.
- 411303. CAV 2897. Forty km north of Gorgora, Ethiopia.
- 411304. CAV 2898. Forty km north of Gorgora, Ethiopia.
- 411305. CAV 3196. Kembolcha, Ethiopia.
- 411306. CAV 3197. Kembolcha, Ethiopia.
- 411307. CAV 3198. Five km north of Kembolcha, Ethiopia.
- 411308. CAV 3199. Five km north of Kembolcha, Ethiopia.
- 411309. CAV 3200. Five km north of Kembolcha, Ethiopia.
- 411310. CAV 3201. Five km north of Kembolcha, Ethiopia.
- 411311. CAV 3202. Five km north of Kembolcha, Ethiopia.
- 411312. CAV 3203. Five km north of Kembolcha, Ethiopia.
- 411313. CAV 3233. Two km west of Koka, Ethiopia.
- 411314. CAV 3170. Five km west of Kwiha, Ethiopia.
- 411315. CAV 3171. Five km west of Kwiha, Ethiopia.
- 411316. CAV 3172. Five km west of Kwiha, Ethiopia.
- 411317. CAV 3173. Five km west of Kwiha, Ethiopia.
- 411318. CAV 3177. Five km south of Kwiha, Ethiopia.
- 411319. CAV 3178. Thirty-eight km south of Kwiha, Ethiopia.
- 411320. CAV 3180. Thirty-eight km south of Kwiha, Ethiopia.
- 411321. CAV 3183. Thirty-eight km south of Kwiha, Ethiopia.
- 411322. CAV 3184. Thirty-eight km south of Kwiha, Ethiopia.
- 411323. CAV 3193. Twenty-five km south of Maychew, Ethiopia.
- 411324. CAV 3195. Twenty-five km south of Maychew, Ethiopia.
- 411325. CAV 3118. Five km west of Mekele, Ethiopia.
- 411326. CAV 3119. Five km west of Mekele, Ethiopia.
- 411327. CAV 3120. Five km west of Mekele, Ethiopia.
- 411328. CAV 3121. Five km west of Mekele, Ethiopia.
- 411329. CAV 3122. Five km west of Mekele, Ethiopia.
- 411330. CAV 3123. Ten km west of Mekele, Ethiopia.
- 411331. CAV 3124. Ten km west of Mekele, Ethiopia.
- 411332. CAV 3125. Ten km west of Mekele, Ethiopia.
- 411333. CAV 3126. Nineteen km west of Mekele, Ethiopia.
- 411334. CAV 3128. Nineteen km west of Mekele, Ethiopia.
- 411335. CAV 3129. Twenty-four km west of Mekele, Ethiopia.
- 411336. CAV 3130. Twenty-four km west of Mekele, Ethiopia.

411150 to 412768 —Continued**411150 to 411363—Continued**

- 411337. CAV 3131. Twenty-four km west of Mekele, Ethiopia.
- 411338. CAV 3132. Twenty-four km west of Mekele, Ethiopia.
- 411339. CAV 3133. Twenty-four km west of Mekele, Ethiopia.
- 411340. CAV 3134. Twenty-eight km west of Mekele, Ethiopia.
- 411341. CAV 3135. Thirty-eight km west of Mekele, Ethiopia.
- 411342. CAV 3138. Thirty-eight km west of Mekele, Ethiopia.
- 411343. CAV 3139. Thirty-eight km west of Mekele, Ethiopia.
- 411344. CAV 3142. Thirty-eight km west of Mekele, Ethiopia.
- 411345. CAV 3144. Thirty-eight km west of Mekele, Ethiopia.
- 411346. CAV 3145. Thirty-eight km west of Mekele, Ethiopia.
- 411347. CAV 3146. Thirty-eight km west of Mekele, Ethiopia.
- 411348. CAV 3160. Fifty-five km west of Mekele, Ethiopia.
- 411349. CAV 3161. Fifty-five km west of Mekele, Ethiopia.
- 411350. CAV 3162. Fifty-five km west of Mekele, Ethiopia.
- 411351. CAV 3165. Fifty-five km west of Mekele, Ethiopia.
- 411352. CAV 3167. Fifty-eight km west of Mekele, Ethiopia.
- 411353. CAV 3168. Fifty-eight km west of Mekele, Ethiopia.
- 411354. CAV 3169. Fifty-eight km west of Mekele, Ethiopia.
- 411355. CAV 3270. Fifty km south of Nazret, Ethiopia.
- 411356. CAV 3067. Five km south of Senafe, Ethiopia
- 411357. CAV 3068. Five km south of Senafe, Ethiopia.
- 411358. CAV 3076. Five km south of Senafe, Ethiopia.
- 411359. CAV 3077. Five km south of Senafe, Ethiopia.
- 411360. CAV 3227. Four km south of Sendafa, Ethiopia.
- 411361. CAV 3228. Four km south of Sendafa, Ethiopia.
- 411362. CAV 3223. Eight km south of Sheno, Ethiopia.
- 411363. CAV 3225. Eight km south of Sheno, Ethiopia.

411364 to 411377. AVENA BARBATA Pott ex Link

- 411364. CAV 0542. Eighty km north of Bou-Saada, Algeria.
- 411365. CAV 0570. Two km east of Rouiba, Algeria.
- 411366. CAV 0311. Three km north of Lod/Lydda/, Israel.
- 411367. CAV 0178. Ten km north of Monastir, Tunisia.
- 411368. CAV 3328. Twelve km south of Canakkale, Turkey.
- 411369. CAV 3312. Twelve km northwest of Edirne, Turkey.
- 411370. CAV 3330. Five km west of Gelibolu, Turkey.
- 411371. CAV 3316. Ipsala, Turkey.
- 411372. CAV 2234. Sixteen km east of Izmir, Turkey.
- 411373. CAV 3322. Sixty km east of Malkara, Turkey.
- 411374. CAV 3334. Saray, Turkey.
- 411375. CAV 3311. Silly Koy, Turkey.
- 411376. CAV 3317. Seashore of Tekirdag, Turkey.
- 411377. CAV 3336. Ten km west of Trabzon, Turkey.

411150 to 412768—Continued**411378 to 411439. AVENA BYZANTINA C. Koch****Red- oat.**

- 411378. CAV 3306. Market of Addis Ababa, Ethiopia.
- 411379. CAV 3274. Twenty km north of Asella, Ethiopia.
- 411380. CAV 3275. Twenty km north of Asella, Ethiopia.
- 411381. CAV 2980. Four km south of Asmera, Ethiopia.
- 411382. CAV 3291. Bako, Ethiopia.
- 411383. CAV 3292. Bako, Ethiopia.
- 411384. CAV 3289. Twenty km west of Gedo, Ethiopia.
- 411385. CAV 3290. Five km east of Ghion, Ethiopia.
- 411386. CAV 3174. Five km west of Kwiha, Ethiopia.
- 411387. CAV 3163. Fifty-five km west of Mekele, Ethiopia.
- 411388. CAV 3166. Fifty-five km west of Mekele, Ethiopia.
- 411389. CAV 3088. Forty-two km south of Senafe, Ethiopia.
- 411390. CAV 3229. Four km south of Sendafa, Ethiopia.
- 411391. CAV 3263. Twenty km north of Shashemene, Ethiopia.
- 411392. CAV 3265. Twenty km north of Shashemene, Ethiopia.
- 411393. CAV 3224. Eight km south of Sheno, Ethiopia.
- 411394. CAV 3251. Forty km west of Teji, Ethiopia.
- 411395. CAV 3253. Five km east of Teji, Ethiopia.
- 411396. CAV 3446. Ten km south of Mau Narok, Kenya.
- 411397. CAV 2154. Five km southeast of Damascus, Syria.
- 411398. CAV 2155. Tunis, Tunisia.
- 411399. CAV 2152. Forty-five km west of Ankara, Turkey.
- 411400. CAV 2106. Antalya, Turkey.
- 411401. CAV 2140. Fifteen km south of Basyurt, Turkey.
- 411402. CAV 2148. Four km northwest of Boyabat, Turkey.
- 411403. CAV 3425. Gelibolu, Canakkale, Turkey.
- 411404. CAV 3429. Gelibolu, Canakkale, Turkey.
- 411405. CAV 3430. Canakkale, Turkey.
- 411406. CAV 3433. Canakkale, Turkey.
- 411407. CAV 2146. Four km southwest of Corum, Turkey.
- 411408. CAV 3422. Five km northeast of Edirne, Turkey.
- 411409. CAV 3423. Copkoy, Edirne, Turkey.
- 411410. CAV 3424. Five km southwest of Edirne, Turkey.
- 411411. CAV 3427. Lalapasa, Edirne, Turkey.
- 411412. CAV 3432. Kesan, Edirne, Turkey.
- 411413. CAV 3462. Edirne, Turkey.
- 411414. CAV 3438. Tortum, Erzerum, Turkey.
- 411415. CAV 2142. Himmetdede, Turkey.
- 411416. CAV 2145. Ilgaz, Turkey.
- 411417. CAV 2111. Ten km north of Iskenderun, Turkey.
- 411418. CAV 2112. Thirty km south of Iskenderun, Turkey.

411150 to 412768 —Continued**411378 to 411439 —Continued**

- 411419. CAV 3421. Istanbul, Turkey.
- 411420. CAV 3428. Ormankoy, Istanbul, Turkey.
- 411421. CAV 3426. Izmir, Turkey.
- 411422. CAV 2126. Twenty km north of Izmit, Turkey.
- 411423. CAV 2118. Thirty-five km east of Kayseri, Turkey.
- 411424. CAV 3420. Saray, Kirklareli, Turkey.
- 411425. CAV 3431. Kirklareli, Turkey.
- 411426. CAV 2143. Seventy-three km east of Kirsehir, Turkey.
- 411427. CAV 2144. Seventeen km west of Kirsehir, Turkey.
- 411428. CAV 2114. Ten km southwest of Pazarcik, Turkey.
- 411429. CAV 2151. Fifteen km south of Samsun, Turkey.
- 411430. CAV 2138. Sixty km southeast of Saray, Turkey.
- 411431. CAV 2109. Five km east of Serik, Turkey.
- 411432. CAV 2128. Twenty km east of Sile, Turkey.
- 411433. CAV 2139. Twenty-five km east of Silivri, Turkey.
- 411434. CAV 2147. Seventeen km northeast of Taskipru, Turkey.
- 411435. CAV 3434. Fifteen km west of Tekirdag, Turkey.
- 411436. CAV 3435. Five km east of Tekirdag, Turkey.
- 411437. CAV 3437. Tirkklareli, Turkey.
- 411438. CAV 2149. Four km south of Tokat, Turkey.
- 411439. CAV 2141. Thirty-two km southeast of Yozgat, Turkey.

411440 to 411499. AVENA FATUA L.**Wild oats.**

- 411440. CAV 2923. Eight km north of Debat, Ethiopia.
- 411441. CAV 1999. Six km east of Esfahan, Iran.
- 411442. CAV 2001. Twelve km west of Esfahan, Iran.
- 411443. CAV 2003. Twelve km west of Esfahan, Iran.
- 411444. CAV 2008. Twenty-two km west of Esfahan, Iran.
- 411445. CAV 2009. Twenty-two km west of Esfahan, Iran.
- 411446. CAV 2010. Twenty-two km west of Esfahan, Iran.
- 411447. CAV 2011. Twenty-two km west of Esfahan, Iran.
- 411448. CAV 2018. Twenty-two km west of Esfahan, Iran.
- 411449. CAV 2034. Forty-five km west of Esfahan, Iran.
- 411450. CAV 2057. Ghasr-Shirin, Iran.
- 411451. CAV 2058. Ghasr-Shirin, Iran.
- 411452. CAV 2059. Ghasr-Shirin, Iran.
- 411453. CAV 2064. Fifteen km south of Jolfa, Iran.
- 411454. CAV 2067. Ten km south of Jolfa, Iran.
- 411455. CAV 2047. Shahr-Kord, Iran.
- 411456. CAV 2056. Shahr-Kord, Iran.
- 411457. CAV 3450. Twenty km south of B Mau Narok, Kenya.
- 411458. CAV 3451. Twenty km south of B Mau Narok, Kenya.
- 411459. CAV 3452. Twenty km south of B Mau Narok, Kenya.

411150 to 412768 —Continued**411440 to 411499 —Continued**

411460. CAV 3457. Two km east of B Mau Narok, Kenya.
 411461. CAV 3458. Two km east of B Mau Narok, Kenya.
 411462. CAV 3459. Two km east of B Mau Narok, Kenya.
 411463. CAV 3460. Two km east of B Mau Narok, Kenya.
 411464. CAV 3461. Two km east of B Mau Narok, Kenya.
 411465. CAV 3297. Five km south of Elburgon, Kenya.
 411466. CAV 3444. Ten km south of Mau Narok, Kenya.
 411467. CAV 3449. Twenty km south of Mau Narok, Kenya.
 411468. CAV 3295. Timau, Kenya.
 411469. CAV 3296. Timau, Kenya.
 411470. CAV 3395. Askale, Turkey.
 411471. CAV 3390. Dumlu, Erzurum, Turkey.
 411472. CAV 3401. Tekman, Erzurum, Turkey.
 411473. CAV 3402. Tekman, Erzurum, Turkey.
 411474. CAV 3403. Tekman, Erzurum, Turkey.
 411475. CAV 3404. Tekman, Erzurum, Turkey.
 411476. CAV 2094. Two km north of Gevas, Turkey.
 411477. CAV 3386. Giresun, Turkey.
 411478. CAV 2090. Twenty-eight km north of Goksun, Turkey.
 411479. CAV 3385. Five km southeast of Istanbul, Turkey.
 411480. CAV 2100. Seventy-nine km east of Kalaba, Turkey.
 411481. CAV 3418. Ten km southwest of Karakurt, Turkey.
 411482. CAV 3419. Ten km southwest of Karakurt, Turkey.
 411483. CAV 3407. Five km southeast of Kars, Turkey.
 411484. CAV 3410. Arpacay, Kars, Turkey.
 411485. CAV 3411. Arpacay, Kars, Turkey.
 411486. CAV 2102. Seventeen km west of Kirsehir, Turkey.
 411487. CAV 3416. Saray, Lake Van, Turkey.
 411488. CAV 3417. Saray, Lake Van, Turkey.
 411489. CAV 2078. Pamukkale, Turkey.
 411490. CAV 2079. Pamukkale, Turkey.
 411491. CAV 2099. Sariz, Turkey.
 411492. CAV 2103. Three km west of Tokat, Turkey.
 411493. CAV 3392. Tortum, Turkey.
 411494. CAV 3396. Tortum, Turkey.
 411495. CAV 3397. Tortum, Turkey.
 411496. CAV 3398. Tortum, Turkey.
 411497. CAV 3399. Tortum, Turkey.
 411498. CAV 2086. Tuzhisar, Turkey.
 411499. CAV 2095. Seven km south of Lake Van, Turkey.
- 411500 to 412724. AVENA STERILIS L. Animated oats.**
 411500. CAV 1970. Ten km southwest of Algiers, Algeria.

411150 to 412768—Continued**411500 to 412724—Continued**

- 411501. CAV 1971. Ten km southwest of Algiers, Algeria.
- 411502. CAV 1979. Twenty km west of Algiers, Algeria.
- 411503. CAV 1980. Twenty km west of Algiers, Algeria.
- 411504. CAV 4604. Three km north of Asmar, Algeria.
- 411505. CAV 4606. Three km north of Asmar, Algeria.
- 411506. CAV 4609. Three km north of Asmar, Algeria.
- 411507. CAV 4712. Ten km west of Asmar, Algeria.
- 411508. CAV 4717. Twenty km west of Asmar, Algeria.
- 411509. CAV 4491. Baraki, Algeria.
- 411510. CAV 4492. Baraki, Algeria.
- 411511. CAV 4493. Baraki, Algeria.
- 411512. CAV 4534. Ten km west of Blida, Algeria.
- 411513. CAV 1982. Eight km south of Boghari, Algeria.
- 411514. CAV 4645. Bogni, Algeria.
- 411515. CAV 1990. Bordjel Kiffan, Algeria.
- 411516. CAV 1986. Twenty km east of Bou Dou Aou, Algeria.
- 411517. CAV 4624. Thirty-five km east of Bouira, Algeria.
- 411518. CAV 4625. Thirty-five km east of Bouira, Algeria.
- 411519. CAV 4728. Five km east of Bouira, Algeria.
- 411520. CAV 4732. Seventeen km east of Bouira, Algeria.
- 411521. CAV 1977. Ten km south of Dirah, Algeria.
- 411522. CAV 4524. Ten km west of El Affroun, Algeria.
- 411523. CAV 4526. Ten km west of El Affroun, Algeria.
- 411524. CAV 1966. Four km east of El Asnam, Algeria.
- 411525. CAV 1967. Four km east of El Asnam, Algeria.
- 411526. CAV 1968. Ten km east of El Asnam, Algeria.
- 411527. CAV 1974. Two km east of El Asnam, Algeria.
- 411528. CAV 4507. Twenty-five km west of El Khemis, Algeria.
- 411529. CAV 4508. Twenty-five km west of El Khemis, Algeria.
- 411530. CAV 4511. Fifteen km west of El Khemis, Algeria.
- 411531. CAV 4517. Fifteen km west of El Khemis, Algeria.
- 411532. CAV 4518. Two km west of El Khemis, Algeria.
- 411533. CAV 4918. Fifteen km south of Eleulma, Algeria.
- 411534. CAV 4820. Mascara, Algeria.
- 411535. CAV 4547. Eighteen km west of Medea, Algeria.
- 411536. CAV 4553. Eighteen km west of Medea, Algeria.
- 411537. CAV 4554. Twenty km west of Medea, Algeria.
- 411538. CAV 4560. Twenty-five km west of Medea, Algeria.
- 411539. CAV 4561. Twenty-five km west of Medea, Algeria.
- 411540. CAV 4566. Thirty km west of Medea, Algeria.
- 411541. CAV 4574. Thirty km west of Medea, Algeria.
- 411542. CAV 4899. Five km west of Nedioma, Algeria.

411150 to 412768—Continued**411500 to 412724—Continued**

- 411543. CAV 4744. Twenty-four km southeast of Oran, Algeria.
- 411544. CAV 4781. Six km east of Oran, Algeria.
- 411545. CAV 4873. Fifteen km east of Oran, Algeria.
- 411546. CAV 4837. Thirty km east of Saida, Algeria.
- 411547. CAV 4856. Eight km east of Sidi Bel Abbes, Algeria.
- 411548. CAV 4857. Twelve km northwest of Sidi Bel Abbes, Algeria.
- 411549. CAV 4859. Twelve km northwest of Sidi Bel Abbes, Algeria.
- 411550. CAV 1975. Ten south of Thenia, Algeria.
- 411551. CAV 4583. Ten km west of Thenia, Algeria.
- 411552. CAV 4586. Ten km west of Thenia, Algeria.
- 411553. CAV 4587. Ten km west of Thenia, Algeria.
- 411554. CAV 4660. Eighteen km west of Tizi Ouzou, Algeria.
- 411555. CAV 4661. Eighteen km west of Tizi Ouzou, Algeria.
- 411556. CAV 4662. Eighteen km west of Tizi Ouzou, Algeria.
- 411557. CAV 4663. Eighteen km west of Tizi Ouzou, Algeria.
- 411558. CAV 4798. Thirty-nine km east of Tlemcen, Algeria.
- 411559. CAV 1987. Ten km west of Zemmouri, Algeria.
- 411560. CAV 2941. Twenty km south of Asmera, Ethiopia.
- 411561. CAV 2942. Twenty km south of Asmera, Ethiopia.
- 411562. CAV 2943. Twenty km south of Asmera, Ethiopia.
- 411563. CAV 2944. Twenty km south of Asmera, Ethiopia.
- 411564. CAV 2946. Twenty km south of Asmera, Ethiopia.
- 411565. CAV 2948. Twenty km south of Asmera, Ethiopia.
- 411566. CAV 2949. Twenty km south of Asmera, Ethiopia.
- 411567. CAV 2950. Twenty km south of Asmera, Ethiopia.
- 411568. CAV 2953. Twenty km south of Asmera, Ethiopia.
- 411569. CAV 2965. Four km south of Asmera, Ethiopia.
- 411570. CAV 2966. Four km south of Asmera, Ethiopia.
- 411571. CAV 2968. Four km south of Asmera, Ethiopia.
- 411572. CAV 2969. Four km south of Asmera, Ethiopia.
- 411573. CAV 2971. Four km south of Asmera, Ethiopia.
- 411574. CAV 2972. Four km south of Asmera, Ethiopia.
- 411575. CAV 2974. Four km south of Asmera, Ethiopia.
- 411576. CAV 2975. Four km south of Asmera, Ethiopia.
- 411577. CAV 2976. Four km south of Asmera, Ethiopia.
- 411578. CAV 2977. Four km south of Asmera, Ethiopia.
- 411579. CAV 2979. Four km south of Asmera, Ethiopia.
- 411580. CAV 2981. Twenty km south of Asmera, Ethiopia.
- 411581. CAV 2982. Twenty km south of Asmera, Ethiopia.
- 411582. CAV 2983. Twenty km south of Asmera, Ethiopia.
- 411583. CAV 2984. Twenty km south of Asmera, Ethiopia.

411150 to 412768—Continued**411500 to 412724—Continued**

- 411584. CAV 2985. Twenty km south of Asmera, Ethiopia.
- 411585. CAV 2987. Twenty km south of Asmera, Ethiopia.
- 411586. CAV 2988. Ten km south of Asmera, Ethiopia.
- 411587. CAV 2989. Ten km south of Asmera, Ethiopia.
- 411588. CAV 2990. Ten km south of Asmera, Ethiopia.
- 411589. CAV 2992. Ten km south of Asmera, Ethiopia.
- 411590. CAV 2995. Ten km south of Asmera, Ethiopia.
- 411591. CAV 2996. Ten km south of Asmera, Ethiopia.
- 411592. CAV 2997. Ten km south of Asmera, Ethiopia.
- 411593. CAV 3001. Eight km southeast of Asmera, Ethiopia.
- 411594. CAV 3002. Eight km southeast of Asmera, Ethiopia.
- 411595. CAV 3003. Eight km southeast of Asmera, Ethiopia.
- 411596. CAV 3005. Eight km southeast of Asmera, Ethiopia.
- 411597. CAV 3006. Eight km southeast of Asmera, Ethiopia.
- 411598. CAV 3008. Eight km southeast of Asmera, Ethiopia.
- 411599. CAV 3009. Eight km southeast of Asmera, Ethiopia.
- 411600. CAV 3011. Eighteen km southeast of Asmera, Ethiopia.
- 411601. CAV 3012. Eighteen km southeast of Asmera, Ethiopia.
- 411602. CAV 3013. Eighteen km southeast of Asmera, Ethiopia.
- 411603. CAV 3015. Eighteen km southeast of Asmera, Ethiopia.
- 411604. CAV 3016A. Eighteen km southeast of Asmera, Ethiopia.
- 411605. CAV 3017. Eighteen km southeast of Asmera, Ethiopia.
- 411606. CAV 3018. Eighteen km southeast of Asmera, Ethiopia.
- 411607. CAV 3019. Eighteen km southeast of Asmera, Ethiopia.
- 411608. CAV 3021. Twenty-four km southeast of Asmera, Ethiopia.
- 411609. CAV 3022. Twenty-four km southeast of Asmera, Ethiopia.
- 411610. CAV 3025. Twenty-four km southeast of Asmera, Ethiopia.
- 411611. CAV 3026. Twenty-four km southeast of Asmera, Ethiopia.
- 411612. CAV 3027. Twenty-four km southeast of Asmera, Ethiopia.
- 411613. CAV 3028. Twenty-four km southeast of Asmera, Ethiopia.
- 411614. CAV 3310. Eight km southeast of Asmera, Ethiopia.
- 411615. CAV 3271. Cadu Scheme, Ethiopia.
- 411616. CAV 3272. Cadu Scheme, Ethiopia.
- 411617. CAV 3035. Ten km north of Dekemhare, Ethiopia.
- 411618. CAV 3036. Ten km north of Dekemhare Ethiopia.
- 411619. CAV 3050. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411620. CAV 3051. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411621. CAV 3052. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411622. CAV 3053. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411623. CAV 3054. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411624. CAV 3055. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411625. CAV 3056. Fifty-eight km southeast of Dekemhare, Ethiopia.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 411626. CAV 3057. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411627. CAV 3058. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411628. CAV 3059. Fifty-eight km southeast of Dekemhare, Ethiopia.
- 411629. CAV 3048. Eighteen km southeast of Dekemhare Maraba, Ethiopia.
- 411630. CAV 3175. Five km south of Kwiha, Ethiopia.
- 411631. CAV 3181. Thirty-eight km south of Kwiha, Ethiopia.
- 411632. CAV 3182. Thirty-eight km south of Kwiha, Ethiopia.
- 411633. CAV 3254. Kwiha, Ethiopia.
- 411634. CAV 3140. Thirty-eight km west of Mekele, Ethiopia.
- 411635. CAV 3141. Thirty-eight km west of Mekele, Ethiopia.
- 411636. CAV 3148. Thirty-eight km west of Mekele, Ethiopia.
- 411637. CAV 3149. Thirty-eight km west of Mekele, Ethiopia.
- 411638. CAV 3150. Thirty-eight km west of Mekele, Ethiopia.
- 411639. CAV 3151. Thirty-eight km west of Mekele, Ethiopia.
- 411640. CAV 3152. Thirty-eight km west of Mekele, Ethiopia.
- 411641. CAV 3153. Thirty-eight km west of Mekele, Ethiopia.
- 411642. CAV 3159. Fifty-two km west of Mekele, Ethiopia.
- 411643. CAV 3064. One km south of Senafe, Ethiopia.
- 411644. CAV 3065. Five km south of Senafe, Ethiopia.
- 411645. CAV 3069. Five km south of Senafe, Ethiopia.
- 411646. CAV 3070. Five km south of Senafe, Ethiopia.
- 411647. CAV 3074. Five km south of Senafe, Ethiopia.
- 411648. CAV 3075. Five km south of Senafe, Ethiopia.
- 411649. CAV 3078. Twenty km south of Senafe, Ethiopia.
- 411650. CAV 3079. Twenty km south of Senafe, Ethiopia.
- 411651. CAV 3080. Twenty km south of Senafe, Ethiopia.
- 411652. CAV 3082. Twenty km south of Senafe, Ethiopia.
- 411653. CAV 3083. Twenty km south of Senafe, Ethiopia.
- 411654. CAV 3084. Twenty km south of Senafe, Ethiopia.
- 411655. CAV 3086. Twenty km south of Senafe, Ethiopia.
- 411656. CAV 3110. Two km south of Wikro, Ethiopia.
- 411657. CAV 3112. Two km south of Wikro, Ethiopia.
- 411658. CAV 3113. Two km south of Wikro, Ethiopia.
- 411659. CAV 3114. Two km south of Wikro, Ethiopia.
- 411660. CAV 3115. Two km south of Wikro, Ethiopia.
- 411661. CAV 3116. Two km south of Wikro, Ethiopia.
- 411662. CAV 3117. Two km south of Wikro, Ethiopia.
- 411663. CAV 1992. New airport, Athens, Greece.
- 411664. CAV 1993. New airport, Athens, Greece.
- 411665. CAV 3301. Mycenae, Greece.
- 411666. CAV 3302. Mycenae, Greece.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 411667. CAV 3303. Mycenae, Greece.
- 411668. CAV 0657. Forty km south of Amol, Iran.
- 411669. CAV 0658. Forty km south of Amol, Iran.
- 411670. CAV 0661. Forty km south of Amol, Iran.
- 411671. CAV 0662. Forty km south of Amol, Iran.
- 411672. CAV 0665. Thirty-four km south of Amol, Iran.
- 411673. CAV 0666. Thirty-four km south of Amol, Iran.
- 411674. CAV 0667. Twenty-seven km south of Amol, Iran.
- 411675. CAV 0669. Twenty-seven km south of Amol, Iran.
- 411676. CAV 0670. Twenty-seven km south of Amol, Iran.
- 411677. CAV 0671. West of Babol, Iran.
- 411678. CAV 0672. West of Babol, Iran.
- 411679. CAV 0673. West of Babol, Iran.
- 411680. CAV 0790. Ten km north of Babol, Iran.
- 411681. CAV 0791. Ten km north of Babol, Iran.
- 411682. CAV 0792. Ten km north of Babol, Iran.
- 411683. CAV 0793. Ten km north of Babol, Iran.
- 411684. CAV 0777. Four km south of Bandar-Shah, Iran.
- 411685. CAV 0786. Road junction to Bandar-Shah, Iran.
- 411686. CAV 0787. Four km south of Bandar-Shah, Iran.
- 411687. CAV 0789. Four km south of Bandar-Shah, Iran.
- 411688. CAV 0684. Thirty km southwest of Behshahr, Iran.
- 411689. CAV 0685. Thirty km southwest of Behshahr, Iran.
- 411690. CAV 0686. Twenty-five km southwest of Behshahr, Iran.
- 411691. CAV 0687. Twenty-five km southwest of Behshahr, Iran.
- 411692. CAV 0688. Twenty-five km southwest of Behshahr, Iran.
- 411693. CAV 0689. Fifteen km west of Behshahr, Iran.
- 411694. CAV 0690. Fifteen km west of Behshahr, Iran.
- 411695. CAV 0691. Fifteen km west of Behshahr, Iran.
- 411696. CAV 0692. Fifteen km west of Behshahr, Iran.
- 411697. CAV 0693. Two km east of Behshahr, Iran.
- 411698. CAV 0694. Two km east of Behshahr, Iran.
- 411699. CAV 0695. Two km east of Behshahr, Iran.
- 411700. CAV 0696. Two km east of Behshahr, Iran.
- 411701. CAV 0849. Bistoon, Iran.
- 411702. CAV 0850. Bistoon, Iran.
- 411703. CAV 0851. Bistoon, Iran.
- 411704. CAV 0852. Bistoon, Iran.
- 411705. CAV 0853. Four km north of Bistoon, Iran.
- 411706. CAV 0854. Six km north of Bistoon, Iran.
- 411707. CAV 0855. Six km north of Bistoon, Iran.
- 411708. CAV 0856. Ten km north of Bistoon, Iran.

411150 to 412768—Continued**411500 to 412724—Continued**

- 411709. CAV 0857. Ten km north of Bistoon, Iran.
- 411710. CAV 0858. Fifteen km north of Bistoon, Iran.
- 411711. CAV 0860. Fifteen km north of Bistoon, Iran.
- 411712. CAV 0861. Fifteen km north of Bistoon, Iran.
- 411713. CAV 0862. Fifteen km north of Bistoon, Iran.
- 411714. CAV 0863. Fifteen km north of Bistoon, Iran.
- 411715. CAV 0864. Fifteen km north of Bistoon, Iran.
- 411716. CAV 0865. Twenty km north of Bistoon, Iran.
- 411717. CAV 0866. Twenty km north of Bistoon, Iran.
- 411718. CAV 0869. Twenty km north of Bistoon, Iran.
- 411719. CAV 0870. Twenty km north of Bistoon, Iran.
- 411720. CAV 0871. Thirty km north of Bistoon, Iran.
- 411721. CAV 0874. Thirty-three km north of Bistoon, Iran.
- 411722. CAV 0875. Thirty-three km north of Bistoon, Iran.
- 411723. CAV 0876. Thirty-three km north of Bistoon, Iran.
- 411724. CAV 0826. Cangavar, Iran.
- 411725. CAV 0799. Thirty-four km south of Chalus, Iran.
- 411726. CAV 0800. Thirty-four km south of Chalus, Iran.
- 411727. CAV 0801. Thirty-eight km south of Chalus, Iran.
- 411728. CAV 0997. Darband, Iran.
- 411729. CAV 0998. Darband, Iran.
- 411730. CAV 0595. Two km north of Delijan, Iran.
- 411731. CAV 0597. Two km north of Delijan, Iran.
- 411732. CAV 0598. Two km north of Delijan, Iran.
- 411733. CAV 0599. Two km north of Delijan, Iran.
- 411734. CAV 0600. Two km north of Delijan, Iran.
- 411735. CAV 0580. Six km east of Esfahan, Iran.
- 411736. CAV 0581. Six km east of Esfahan, Iran.
- 411737. CAV 0582. Six km east of Esfahan, Iran.
- 411738. CAV 0583. Six km east of Esfahan, Iran.
- 411739. CAV 0584. Six km east of Esfahan, Iran.
- 411740. CAV 0585. Six km east of Esfahan, Iran.
- 411741. CAV 0586. Six km east of Esfahan, Iran.
- 411742. CAV 0588. Twelve km west of Esfahan, Iran.
- 411743. CAV 0890. Sixteen km east of Ghasr-Shirin, Iran.
- 411744. CAV 0892. Sixteen km east of Ghasr-Shirin, Iran.
- 411745. CAV 0893. Sixteen km east of Ghasr-Shirin, Iran.
- 411746. CAV 0894. Sixteen km east of Ghasr-Shirin, Iran.
- 411747. CAV 0896. Sixteen km east of Ghasr-Shirin, Iran.
- 411748. CAV 0897. Sixteen km east of Ghasr-Shirin, Iran.
- 411749. CAV 0898. Sixteen km east of Ghasr-Shirin, Iran.
- 411750. CAV 0899. Twenty km east of Ghasr-Shirin, Iran.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 411751. CAV 0900. Twenty km east of Ghasr-Shirin, Iran.
- 411752. CAV 0901. Twenty km east of Ghasr-Shirin, Iran.
- 411753. CAV 0902. Twenty km east of Ghasr-Shirin, Iran.
- 411754. CAV 0905. Twenty-five km east of Ghasr-Shirin, Iran.
- 411755. CAV 0908. Twenty-five km east of Ghasr-Shirin, Iran.
- 411756. CAV 0909. Twenty-five km east of Ghasr-Shirin, Iran.
- 411757. CAV 0910. Twenty-five km east of Ghasr-Shirin, Iran.
- 411758. CAV 0911. Twenty-five km east of Ghasr-Shirin, Iran.
- 411759. CAV 0912. Twenty-five km east of Ghasr-Shirin, Iran.
- 411760. CAV 0915. Thirty km east of Ghasr-Shirin, Iran.
- 411761. CAV 0916. Thirty km east of Ghasr-Shirin, Iran.
- 411762. CAV 0918. Thirty km east of Ghasr-Shirin, Iran.
- 411763. CAV 0919. Thirty km east of Ghasr-Shirin, Iran.
- 411764. CAV 0920. Thirty km east of Ghasr-Shirin, Iran.
- 411765. CAV 0921. Thirty km east of Ghasr-Shirin, Iran.
- 411766. CAV 0922. Thirty-five km east of Ghasr-Shirin, Iran.
- 411767. CAV 0923. Thirty-five km east of Ghasr-Shirin, Iran.
- 411768. CAV 0924. Thirty-five km east of Ghasr-Shirin, Iran.
- 411769. CAV 0925. Thirty-five km east of Ghasr-Shirin, Iran.
- 411770. CAV 0926. Thirty-five km east of Ghasr-Shirin, Iran.
- 411771. CAV 0927. Thirty-five km east of Ghasr-Shirin, Iran.
- 411772. CAV 0929. Thirty-five km east of Ghasr-Shirin, Iran.
- 411773. CAV 0930. Forty km east of Ghasr-Shirin, Iran.
- 411774. CAV 0934. Forty-two km east of Ghasr-Shirin, Iran.
- 411775. CAV 0935. Forty-two km east of Ghasr-Shirin, Iran.
- 411776. CAV 0938. Fifty km east of Ghasr-Shirin, Iran.
- 411777. CAV 0941. Fifty km east of Ghasr-Shirin, Iran.
- 411778. CAV 0943. Fifty km east of Ghasr-Shirin, Iran.
- 411779. CAV 0945. Fifty km east of Ghasr-Shirin, Iran.
- 411780. CAV 0948. Fifty-five km east of Ghasr-Shirin, Iran.
- 411781. CAV 0949. Sixty km east of Ghasr-Shirin, Iran.
- 411782. CAV 0951. Sixty km east of Ghasr-Shirin, Iran.
- 411783. CAV 0952. Sixty-five km east of Ghasr-Shirin, Iran.
- 411784. CAV 0954. Sixty-five km east of Ghasr-Shirin, Iran.
- 411785. CAV 0803. One hundred forty km north of Ghazvin, Iran.
- 411786. CAV 0804. One hundred forty km north of Ghazvin, Iran.
- 411787. CAV 0806. One hundred forty km north of Ghazvin, Iran.
- 411788. CAV 0807. One hundred thirty km north of Ghazvin, Iran.
- 411789. CAV 0808. One hundred thirty km north of Ghazvin, Iran.
- 411790. CAV 0809. One hundred thirty km north of Ghazvin, Iran.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 411791. CAV 0811. One hundred ten km north of Ghazvin, Iran.
- 411792. CAV 0812. One hundred ten km north of Ghazvin, Iran.
- 411793. CAV 0813. One hundred eight km north of Ghazvin, Iran.
- 411794. CAV 0816. Eighty km north of Ghazvin, Iran.
- 411795. CAV 0817. Eighty km north of Ghazvin, Iran.
- 411796. CAV 0818. Eighty km north of Ghazvin, Iran.
- 411797. CAV 0819. Seventy km north of Ghazvin, Iran.
- 411798. CAV 0820. Ghazvin, Iran.
- 411799. CAV 0602. Thirty-five km southwest of Ghom, Iran.
- 411800. CAV 0603. Thirty-five km southwest of Ghom, Iran.
- 411801. CAV 0605. Thirty-five km southwest of Ghom, Iran.
- 411802. CAV 0606. Thirty-five km southwest of Ghom, Iran.
- 411803. CAV 0607. Thirty-five km southwest of Ghom, Iran.
- 411804. CAV 0608. Thirty-five km southwest of Ghom, Iran.
- 411805. CAV 0609. Thirty-five km southwest of Ghom, Iran.
- 411806. CAV 0610. Thirty-five km southwest of Ghom, Iran.
- 411807. CAV 0611. Thirty-five km southwest of Ghom, Iran.
- 411808. CAV 0612. Thirty-five km southwest of Ghom, Iran.
- 411809. CAV 0613. Thirty-five km southwest of Ghom, Iran.
- 411810. CAV 0616. Thirty-five km southwest of Ghom, Iran.
- 411811. CAV 0617. Twenty-five km southwest of Ghom, Iran.
- 411812. CAV 0618. Twenty-five km southwest of Ghom, Iran.
- 411813. CAV 0619. Twenty-five km southwest of Ghom, Iran.
- 411814. CAV 0621. Twenty-five km southwest of Ghom, Iran.
- 411815. CAV 0623. Twenty-five km southwest of Ghom, Iran.
- 411816. CAV 0624. Twenty-five km southwest of Ghom, Iran.
- 411817. CAV 0625. Twenty-five km southwest of Ghom, Iran.
- 411818. CAV 0626. Twenty-five km southwest of Ghom, Iran.
- 411819. CAV 0627. Twenty-five km southwest of Ghom, Iran.
- 411820. CAV 0628. Twenty-five km southwest of Ghom, Iran.
- 411821. CAV 0629. Twenty-five km southwest of Ghom, Iran.
- 411822. CAV 0630. Twenty-five km southwest of Ghom, Iran.
- 411823. CAV 0631. Twenty-five km southwest of Ghom, Iran.
- 411824. CAV 0636. Twenty-five km southwest of Ghom, Iran.
- 411825. CAV 0637. Twenty-five km southwest of Ghom, Iran.
- 411826. CAV 0638. Fifteen km north of Ghom, Iran.
- 411827. CAV 0639. Fifteen km north of Ghom, Iran.
- 411828. CAV 0763. Three km north of Gonbad-Cavous, Iran.
- 411829. CAV 0764. Three km north of Gonbad-Cavous, Iran.
- 411830. CAV 0767. Three km north of Gonbad-Cavous, Iran.
- 411831. CAV 0697. Two km east of Gorgan, Iran.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 411832. CAV 0698. Two km east of Gorgan, Iran.
- 411833. CAV 0704. Seventeen km east of Gorgan, Iran.
- 411834. CAV 0705. Thirty-two km east of Gorgan, Iran.
- 411835. CAV 0706. Thirty-two km east of Gorgan, Iran.
- 411836. CAV 0707. Thirty-two km east of Gorgan, Iran.
- 411837. CAV 0708. Thirty-two km east of Gorgan, Iran.
- 411838. CAV 0768. Five km north of Gorgan, Iran.
- 411839. CAV 0769. Five km north of Gorgan, Iran.
- 411840. CAV 0773. Five km north of Gorgan, Iran.
- 411841. CAV 0774. Five km north of Gorgan, Iran.
- 411842. CAV 0775. Five km north of Gorgan, Iran.
- 411843. CAV 0776. Five km north of Gorgan, Iran.
- 411844. CAV 0780. Fifteen km north of Gorgan, Iran.
- 411845. CAV 0782. Fifteen km north of Gorgan, Iran.
- 411846. CAV 0992. Thirteen km south of Jolfa, Iran.
- 411847. CAV 0996. Ten km south of Jolfa, Iran.
- 411848. CAV 0795. Ten km east of Karadj dam, Iran.
- 411849. CAV 0796. Ten km east of Karadj dam, Iran.
- 411850. CAV 0797. Five km north of Karadj dam, Iran.
- 411851. CAV 0798. Five km north of Karadj dam, Iran.
- 411852. CAV 0827. Seventy km east of Kermanshah, Iran.
- 411853. CAV 0830. Seventy km ea of Kermanshah, Iran.
- 411854. CAV 0831. Seventy km east of Kermanshah, Iran.
- 411855. CAV 0836. Sixty-two km east of Kermanshah, Iran.
- 411856. CAV 0837. Sixty-two km east of Kermanshah, Iran.
- 411857. CAV 0838. Fifty-five km east of Kermanshah, Iran.
- 411858. CAV 0839. Fifty-five km east of Kermanshah, Iran.
- 411859. CAV 0840. Fifty-five km east of Kermanshah, Iran.
- 411860. CAV 0841. Fifty-five km east of Kermanshah, Iran.
- 411861. CAV 0842. Fifty-five km east of Kermanshah, Iran.
- 411862. CAV 0843. Forty-eight km east of Kermanshah, Iran.
- 411863. CAV 0844. Forty-eight km east of Kermanshah, Iran.
- 411864. CAV 0845. Forty-eight km east of Kermanshah, Iran.
- 411865. CAV 0846. Forty-eight km east of Kermanshah, Iran.
- 411866. CAV 0847. Forty-eight km east of Kermanshah, Iran.
- 411867. CAV 0848. Forty-eight km east of Kermanshah, Iran.
- 411868. CAV 0955. Twenty-two km north of Kermanshah, Iran.
- 411869. CAV 0956. Twenty-two km north of Kermanshah, Iran.
- 411870. CAV 0957. Twenty-two km north of Kermanshah, Iran.
- 411871. CAV 0958. Twenty-two km north of Kermanshah, Iran.
- 411872. CAV 0960. Thirty-five km north of Kermanshah, Iran.

41150 to 412768—Continued**411500 to 412724—Continued**

- 411873. CAV 0961. Thirty-five km north of Kermanshah, Iran.
- 411874. CAV 0962. Fifty-five km north of Kermanshah, Iran.
- 411875. CAV 0963. Fifty-five km north of Kermanshah, Iran.
- 411876. CAV 0964. Fifty-five km north of Kermanshah, Iran.
- 411877. CAV 0966. Seventy km north of Kermanshah, Iran.
- 411878. CAV 0967. Seventy km north of Kermanshah, Iran.
- 411879. CAV 0641. Koshke-Nosrat, Iran.
- 411880. CAV 0642. Koshke-Nosrat, Iran.
- 411881. CAV 0643. Koshke-Nosrat, Iran.
- 411882. CAV 0644. Koshke-Nosrat, Iran.
- 411883. CAV 0794. Two km east of Mahmoud-Abad, Iran.
- 411884. CAV 0833. Sahneh, Iran.
- 411885. CAV 0834. Sahneh, Iran.
- 411886. CAV 0835. Sahneh, Iran.
- 411887. CAV 0968. Sixty km south of Sanandadj, Iran.
- 411888. CAV 0969. Sixty km south of Sanandadj, Iran.
- 411889. CAV 0970. Sixty km south of Sanandadj, Iran.
- 411890. CAV 0971. Fifty km south of Sanandadj, Iran.
- 411891. CAV 0972. Fifty km south of Sanandadj, Iran.
- 411892. CAV 0974. Fifty km south of Sanandadj, Iran.
- 411893. CAV 0976. Forty-five km south of Sanandadj, Iran.
- 411894. CAV 0977. Forty-five km south of Sanandadj, Iran.
- 411895. CAV 0979. Thirty km south of Sanandadj, Iran.
- 411896. CAV 0980. Seventeen km south of Sanandadj, Iran.
- 411897. CAV 0981. Seventeen km south of Sanandadj, Iran.
- 411898. CAV 0982. Seventeen km south of Sanandadj, Iran.
- 411899. CAV 0674. Four km southwest of Sari, Iran.
- 411900. CAV 0675. Four km southwest of Sari, Iran.
- 411901. CAV 0676. Four km southwest of Sari, Iran.
- 411902. CAV 0677. Four km southwest of Sari, Iran.
- 411903. CAV 0678. Four km southwest of Sari, Iran.
- 411904. CAV 0679. Four km southwest of Sari, Iran.
- 411905. CAV 0680. Three km east of Sari, Iran.
- 411906. CAV 0681. Three km east of Sari, Iran.
- 411907. CAV 0682. Three km east of Sari, Iran.
- 411908. CAV 0683. Three km east of Sari, Iran.
- 411909. CAV 0880. Forty-one km south of Shah-Abad-Gharb, Iran.
- 411910. CAV 0883. Forty-one km south of Shah-Abad-Gharb, Iran.
- 411911. CAV 0884. Forty-one km south of Shah-Abad-Gharb, Iran.
- 411912. CAV 0885. Forty-one km south of Shah-Abad-Gharb, Iran.
- 411913. CAV 0887. Forty-eight km south of Shah-Abad-Gharb, Iran.
- 411914. CAV 0888. Forty-eight km south of Shah-Abad-Gharb, Iran.

411150 to 412768—Continued**411500 to 412724—Continued**

- 411915. CAV 0889. Fifty km south of Shah-Abad-Ghard, Iran.
- 411916. CAV 0709. Thirty-seven km west of Shah-Pasand, Iran.
- 411917. CAV 0711. Thirty-seven km west of Shah-Pasand, Iran.
- 411918. CAV 0712. Thirty-seven km west of Shah-Pasand, Iran.
- 411919. CAV 0713. Thirty-seven km west of Shah-Pasand, Iran.
- 411920. CAV 0714. Thirty-seven km west of Shah-Pasand, Iran.
- 411921. CAV 0715. Thirty-seven km west of Shah-Pasand, Iran.
- 411922. CAV 0716. Thirty-seven km west of Shah-Pasand, Iran.
- 411923. CAV 0717. Eighteen km west of Shah-Pasand, Iran.
- 411924. CAV 0718. Eighteen km west of Shah-Pasand, Iran.
- 411925. CAV 0720. Eighteen km west of Shah-Pasand, Iran.
- 411926. CAV 0721. Eighteen km west of Shah-Pasand, Iran.
- 411927. CAV 0722. Eighteen km west of Shah-Pasand, Iran.
- 411928. CAV 0723. Three km west of Shah-Pasand, Iran.
- 411929. CAV 0724. Three km west of Shah-Pasand, Iran.
- 411930. CAV 0725. Three km west of Shah-Pasand, Iran.
- 411931. CAV 0726. Three km west of Shah-Pasand, Iran.
- 411932. CAV 0727. Three km east of Shah-Pasand, Iran.
- 411933. CAV 0728. Three km east of Shah-Pasand, Iran.
- 411934. CAV 0729. Three km east of Shah-Pasand, Iran.
- 411935. CAV 0731. Eleven km southeast of Shah-Pasand, Iran.
- 411936. CAV 0733. Twenty km south of Shah-Pasand, Iran.
- 411937. CAV 0734. Twenty km south of Shah-Pasand, Iran.
- 411938. CAV 0737. Twenty-two km south of Shah-Pasand, Iran.
- 411939. CAV 0739. Twenty-five km south of Shah-Pasand, Iran.
- 411940. CAV 0741. Twenty-five km south of Shah-Pasand, Iran.
- 411941. CAV 0742. Shah-Pasand, Iran.
- 411942. CAV 0743. Two km north of Shah-Pasand, Iran.
- 411943. CAV 0744. Two km north of Shah-Pasand, Iran.
- 411944. CAV 0745. Two km north of Shah-Pasand, Iran.
- 411945. CAV 0746. Two km north of Shah-Pasand, Iran.
- 411946. CAV 0747. Two km north of Shah-Pasand, Iran.
- 411947. CAV 0748. Two km north of Shah-Pasand, Iran.
- 411948. CAV 0749. Two km north of Shah-Pasand, Iran.
- 411949. CAV 0751. Two km north of Shah-Pasand, Iran.
- 411950. CAV 0753. Eight km north of Shah-Pasand, Iran.
- 411951. CAV 0757. Twelve km north of Shah-Pasand, Iran.
- 411952. CAV 0758. Twelve km north of Shah-Pasand, Iran.
- 411953. CAV 0759. Twelve km north of Shah-Pasand, Iran.
- 411954. CAV 0760. Twelve km north of Shah-Pasand, Iran.
- 411955. CAV 0761. Twelve km north of Shah-Pasand, Iran.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 411956. CAV 0593. Shahr-Kord, Iran.
- 411957. CAV 0594. Shahr-Kord, Iran.
- 411958. CAV 0645. Twenty km north of Tehran, Iran.
- 411959. CAV 0646. Twenty km north of Tehran, Iran.
- 411960. CAV 0648. Twenty km north of Tehran, Iran.
- 411961. CAV 0650. Twenty-two km east of Tehran, Iran.
- 411962. CAV 0651. Twenty-two km east of Tehran, Iran.
- 411963. CAV 0652. Twenty-two km east of Tehran, Iran.
- 411964. CAV 0653. Twenty-two km east of Tehran, Iran.
- 411965. CAV 0654. Twenty-two km east of Tehran, Iran.
- 411966. CAV 0655. Twenty-two km east of Tehran, Iran.
- 411967. CAV 0656. Eight km east of Tehran, Iran.
- 411968. CAV 0823. Three km east of Touisserkan, Iran.
- 411969. CAV 0825. Three km east of Touisserkan, Iran.
- 411970. CAV 1095. Twenty km south of Arbil, Iraq.
- 411971. CAV 0999. Forty km southeast of Baghdad, Iraq.
- 411972. CAV 1000. Forty km southeast of Baghdad, Iraq.
- 411973. CAV 1001. Fifty km southeast of Baghdad, Iraq.
- 419974. CAV 1002. Fifty km southeast of Baghdad, Iraq.
- 411975. CAV 1007. Six km north of Baghdad, Iraq.
- 411976. CAV 1008. Twenty-three km north of Baghdad, Iraq.
- 411977. CAV 1009. Twenty-three km north of Baghdad, Iraq.
- 411978. CAV 1011. Twenty-three km north of Baghdad, Iraq.
- 411979. CAV 1012. Sixty km north of Baghdad, Iraq.
- 411980. CAV 1017. One hundred twenty km north of Baghdad, Iraq.
- 411981. CAV 1018. One hundred twenty km north of Baghdad, Iraq.
- 411982. CAV 1019. One hundred twenty km north of Baghdad, Iraq.
- 411983. CAV 1021. One hundred twenty km north of Baghdad, Iraq.
- 411984. CAV 1022. One hundred forty km north of Baghdad, Iraq.
- 411985. CAV 1023. One hundred forty km north of Baghdad, Iraq.
- 411986. CAV 1024. One hundred forty km north of Baghdad, Iraq.
- 411987. CAV 1025. One hundred forty km north of Baghdad, Iraq.
- 411988. CAV 1070. Two km north of Dohuk, Iraq.
- 411989. CAV 1071. Two km north of Dohuk, Iraq.
- 411990. CAV 1072. Five km north of Dohuk, Iraq.
- 411991. CAV 1073. Five km north of Dohuk, Iraq.
- 411992. CAV 1075. Ten km north of Dohuk, Iraq.
- 411993. CAV 1076. Ten km north of Dohuk, Iraq.
- 411994. CAV 1077. Ten km north of Dohuk, Iraq.
- 411995. CAV 1078. Ten km north of Dohuk, Iraq.
- 411996. CAV 1079. Ten km north of Dohuk, Iraq.
- 411997. CAV 1082. Five km east of Hamdaniya, Iraq.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 411998. CAV 1083. Thirty km east of Hamdaniya, Iraq.
- 411999. CAV 1026. Five km south of Hatra, Iraq.
- 412000. CAV 1003. July 14 Village, Iraq.
- 412001. CAV 1004. July 14 Village, Iraq.
- 412002. CAV 1005. July 14 Village, Iraq.
- 412003. CAV 1030. Twenty km west of Mosul, Iraq.
- 412004. CAV 1031. Twenty km west of Mosul, Iraq.
- 412005. CAV 1032. Twenty km west of Mosul, Iraq.
- 412006. CAV 1034. Twenty km west of Mosul, Iraq.
- 412007. CAV 1035. Twenty km west of Mosul, Iraq.
- 412008. CAV 1036. Thirty km west of Mosul, Iraq.
- 412009. CAV 1037. Thirty km west of Mosul, Iraq.
- 412010. CAV 1038. Thirty km west of Mosul, Iraq.
- 412011. CAV 1040. Forty km west of Mosul, Iraq.
- 412012. CAV 1041. Fifty km west of Mosul, Iraq.
- 412013. CAV 1043. Sixty km west of Mosul, Iraq.
- 412014. CAV 1044. Sixty km west of Mosul, Iraq.
- 412015. CAV 1055. Twenty km north of Mosul, Iraq.
- 412016. CAV 1057. Twenty-six km north of Mosul, Iraq.
- 412017. CAV 1061. Forty km north of Mosul, Iraq.
- 412018. CAV 1062. Forty km north of Mosul, Iraq.
- 412019. CAV 1067. Sixty-five km north of Mosul, Iraq.
- 412020. CAV 1069. Seventy-five km north of Mosul, Iraq.
- 412021. CAV 1028. Nargal Gate, Mosul-Niniveh, Iraq.
- 412022. CAV 1087. Twenty-five km south of Salahuddin, Iraq.
- 412023. CAV 1088. Five km south of Salahuddin, Iraq.
- 412024. CAV 1090. Five km south of Salahuddin, Iraq.
- 412025. CAV 1091. Five km south of Salahuddin, Iraq.
- 412026. CAV 1092. Five km south of Salahuddin, Iraq.
- 412027. CAV 1093. Five km south of Salahuddin, Iraq.
- 412028. CAV 1094. Five km south of Salahuddin, Iraq.
- 412029. CAV 1013. Thirty km north of Samarra, Iraq.
- 412030. CAV 1014. Thirty km north of Samarra, Iraq.
- 412031. CAV 1053. Five km east of Sinjar, Iraq.
- 412032. CAV 1054. Five km east of Sinjar, Iraq.
- 412033. CAV 1045. Twenty km west Tallafar, Iraq.
- 412034. CAV 1046. Twenty km west of Tallafar, Iraq.
- 412035. CAV 1047. Twenty km west of Tallafar, Iraq.
- 412036. CAV 1049. Five km west of Tallafar, Iraq.
- 412037. CAV 1050. Five km west of Tallafar, Iraq.
- 412038. CAV 1051. Forty km west of Tallafar, Iraq.
- 412039. CAV 1336. Antipatris, Israel.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 412040. CAV 1337. Antipatris, Israel.
- 412041. CAV 1338. Antipatris, Israel.
- 412042. CAV 1339. Antipatris, Israel.
- 412043. CAV 1340. Antipatris, Israel.
- 412044. CAV 1309. Baab El Wad, Israel.
- 412045. CAV 1310. Baab El Wad, Israel.
- 412046. CAV 1311. Baab El Wad, Israel.
- 412047. CAV 1411A. Beita, Israel.
- 412048. CAV 1407. Camp Bazar, Israel.
- 412049. CAV 1385. Daliyat El Carmel, Israel.
- 412050. CAV 1386. Daliyat El Carmel, Israel.
- 412051. CAV 1409. Ein Faria, Israel.
- 412052. CAV 1445. Ein Hashofet, Israel.
- 412053. CAV 1446. Ein Hashofet, Israel.
- 412054. CAV 1449. Ein Hashofet, Israel.
- 412055. CAV 1473. Ein Karem, Israel.
- 412056. CAV 1474. Ein Karem, Israel.
- 412057. CAV 1474A. Ein Karem, Israel.
- 412058. CAV 1474B. Ein Karem, Israel.
- 412059. CAV 1475. Ein Karem, Israel.
- 412060. CAV 1388. Elyakim, Israel.
- 412061. CAV 1389. Elyakim, Israel.
- 412062. CAV 1459. Gadot, Israel.
- 412063. CAV 1373. Haifa, Israel.
- 412064. CAV 1374. Haifa, Israel.
- 412065. CAV 1375. Haifa, Israel.
- 412066. CAV 1377. Haifa University of Israel.
- 412067. CAV 1378. Haifa University of Israel.
- 412068. CAV 1379. Haifa University of Israel.
- 412069. CAV 1412. Hamasrek, Israel.
- 412070. CAV 1413. Hamasrek, Israel.
- 412071. CAV 1348. Haniel, Israel.
- 412072. CAV 1349. Haniel, Israel.
- 412073. CAV 1350. Haniel, Israel.
- 412074. CAV 1380. Isfiya, Israel.
- 412075. CAV 1381. Isfiya, Israel.
- 412076. CAV 1382. Isfiya, Israel.
- 412077. CAV 1383. Isfiya, Israel.
- 412078. CAV 1468. JCT Dan, Israel.
- 412079. CAV 1469. JCT Dan, Israel.
- 412080. CAV 1470. JCT Dan, Israel.
- 412081. CAV 1470A. JCT Dan, Israel.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 412082. CAV 1404. Jenin, Israel.
- 412083. CAV 1302. Jericho, Israel.
- 412084. CAV 1304. Jericho, Israel.
- 412085. CAV 1306. Jerusalem, Israel.
- 412086. CAV 1307. Jerusalem, Israel.
- 412087. CAV 1416. Jerusalem, Israel.
- 412088. CAV 1417. Jerusalem, Israel.
- 412089. CAV 1418. Jerusalem, Israel.
- 412090. CAV 1419. Jerusalem, Israel.
- 412091. CAV 1471. Jerusalem, Israel.
- 412092. CAV 1405. Kabatia, Israel.
- 412093. CAV 1402B. Kfar Dan, Israel.
- 412094. CAV 1341. Kfar Saba, Israel.
- 412095. CAV 1341A. Kfar Saba, Israel.
- 412096. CAV 1342. Kfar Saba, Israel.
- 412097. CAV 1343. Kfar Saba, Israel.
- 412098. CAV 1343A. Kfar Saba, Israel.
- 412099. CAV 1330. Kfar Uziel, Israel.
- 412100. CAV 1331. Kfar Uziel, Israel.
- 412101. CAV 1332. Kfar Uziel, Israel.
- 412102. CAV 1467. Kibbutz Ein Ziran, Israel.
- 412103. CAV 1312. Latrun, Israel.
- 412104. CAV 1313. Latrun, Israel.
- 412105. CAV 1314. Latrun, Israel.
- 412106. CAV 1333. Lod/Lydda/, Israel.
- 412107. CAV 1334. Lod/Lydda/, Israel.
- 412108. CAV 1335. Lod/Lydda/, Israel.
- 412109. CAV 1451. Maghrrar, Israel.
- 412110. CAV 1452. Maghrrar, Israel.
- 412111. CAV 1454. Maghrrar, Israel.
- 412112. CAV 1395. Megiddo, Israel.
- 412113. CAV 1397. Megiddo, Israel.
- 412114. CAV 1315. Mesilat Zion, Israel.
- 412115. CAV 1316. Mesilat Zion, Israel.
- 412116. CAV 1316A. Mesilat Zion, Israel.
- 412117. CAV 1318. Mesilat Zion, Israel.
- 412118. CAV 1476B. Mevo Beitar, Israel.
- 412119. CAV 1477. Mevo Beitar, Israel.
- 412120. CAV 1478. Mevo Beitar, Israel.
- 412121. CAV 1323. Mishmar David, Israel.
- 412122. CAV 1324. Mishmar David, Israel.
- 412123. CAV 1325. Mishmar David, Israel.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 412124. CAV 1326. Mishmar David, Israel.
- 412125. CAV 1327. Mishmar David, Israel.
- 412126. CAV 1328. Mishmar David, Israel.
- 412127. CAV 1360. Montfort, Israel.
- 412128. CAV 1361A. Montfort, Israel.
- 412129. CAV 1362. Montfort, Israel.
- 412130. CAV 1363. Montfort, Israel.
- 412131. CAV 1433. Nahal Toot, Israel.
- 412132. CAV 1434. Nahal Toot, Israel.
- 412133. CAV 1435. Nahal Toot, Israel.
- 412134. CAV 1436. Nahal Toot, Israel.
- 412135. CAV 1437. Nahal Toot, Israel.
- 412136. CAV 1438. Nahal Toot, Israel.
- 412137. CAV 1439. Nahal Toot, Israel.
- 412138. CAV 1440. Nahal Toot, Israel.
- 412139. CAV 1441. Nahal Toot, Israel.
- 412140. CAV 1442. Nahal Toot, Israel.
- 412141. CAV 1443. Nahal Toot, Israel.
- 412142. CAV 1392. Nahalot, Israel.
- 412143. CAV 1393. Nahalot, Israel.
- 412144. CAV 1394. Nahalot, Israel.
- 412145. CAV 1351. Nahariya, Israel.
- 412146. CAV 1352. Nahariya, Israel.
- 412147. CAV 1353. Nahariya, Israel.
- 412148. CAV 1354. Nahariya, Israel.
- 412149. CAV 1355. Nahariya, Israel.
- 412150. CAV 1356. Nahariya, Israel.
- 412151. CAV 1357. Nahariya, Israel.
- 412152. CAV 1359. Nahariya, Israel.
- 412153. CAV 1359-2. Nahariya, Israel.
- 412154. CAV 1359A. Nahariya, Israel.
- 412155. CAV 1359B. Nahariya, Israel.
- 412156. CAV 1359C. Nahariya, Israel.
- 412157. CAV 1460. Rosh Pina, Israel.
- 412158. CAV 1398. Sir Tel Halti, Israel.
- 412159. CAV 1400. Sir Tel Halti, Israel.
- 412160. CAV 1401. Sir Tel Halti, Israel.
- 412161. CAV 1414. Solomon's Pools, Israel.
- 412162. CAV 1319. Tarum, Israel.
- 412163. CAV 1320. Tarum, Israel.
- 412164. CAV 1321. Tarum, Israel.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 412165.** CAV 1322. Tarum, Israel.
- 412166.** CAV 1421. Tel Aviv, Israel.
- 412167.** CAV 1422. Tel Aviv, Israel.
- 412168.** CAV 1423. Tel Aviv, Israel.
- 412169.** CAV 1424. Tel Aviv, Israel.
- 412170.** CAV 1425. Tel Aviv, Israel.
- 412171.** CAV 1426. Tel Aviv, Israel.
- 412172.** CAV 1427. Tel Aviv, Israel.
- 412173.** CAV 1428. Tel Aviv, Israel.
- 412174.** CAV 1429. Tel Aviv, Israel.
- 412175.** CAV 1430. Tel Aviv, Israel.
- 412176.** CAV 1431. Tel Aviv, Israel.
- 412177.** CAV 1432. Tel Aviv, Israel.
- 412178.** CAV 1365. Tiberias, Israel.
- 412179.** CAV 1366. Tiberias, Israel.
- 412180.** CAV 1367. Tiberias, Israel.
- 412181.** CAV 1367A. Tiberias, Israel.
- 412182.** CAV 1368A. Tiberias, Israel.
- 412183.** CAV 1372. Tiberias, Israel.
- 412184.** CAV 1345. Tulkarem, Israel.
- 412185.** CAV 1345B. Tulkarem, Israel.
- 412186.** CAV 1370. Vered Farm, Israel.
- 412187.** CAV 1371. Vered Farm, Israel.
- 412188.** CAV 1346. Yad Hanna, Israel.
- 412189.** CAV 1390. Yokneam, Israel.
- 412190.** CAV 3439. Ten km south of B Mau Narok, Kenya.
- 412191.** CAV 3440. Ten km south of B Mau Narok, Kenya.
- 412192.** CAV 3441. Ten km south of B Mau Narok, Kenya.
- 412193.** CAV 3442. Ten km south of B Mau Narok, Kenya.
- 412194.** CAV 3443. Ten km south of B Mau Narok, Kenya.
- 412195.** CAV 3445. Ten km south of B Mau Narok, Kenya.
- 412196.** CAV 3447. Twenty km south of B Mau Narok, Kenya.
- 412197.** CAV 3448. Twenty km south of B Mau Narok, Kenya.
- 412198.** CAV 3453. B Mau Narok, Kenya.
- 412199.** CAV 3454. B Mau Narok, Kenya.
- 412200.** CAV 3455. B Mau Narok, Kenya.
- 412201.** CAV 3456. B Mau Narok, Kenya.
- 412202.** CAV 3298. Moiben, Kenya.
- 412203.** CAV 3299. Moiben, Kenya.
- 412204.** CAV 3300. Moiben, Kenya.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 412205. CAV 3294. Foot of mountain, Mt. Kenya, Kenya.
- 412206. CAV 3293. Mweiga, Kenya.
- 412207. CAV 1191. Twenty km south of Baalbek, Lebanon.
- 412208. CAV 1192. Ten km south of Baalbek, Lebanon.
- 412209. CAV 1193. Five km south of Baalbek, Lebanon.
- 412210. CAV 1168B. Becharre, Lebanon.
- 412211. CAV 1140. Ten km south of Beirut, Lebanon.
- 412212. CAV 1142. Ten km south of Beirut, Lebanon.
- 412213. CAV 1143. Ten km south of Beirut, Lebanon.
- 412214. CAV 1145. Beau Rivage, Beirut, Lebanon.
- 412215. CAV 1146. Beau Rivage, Beirut, Lebanon.
- 412216. CAV 1147. Pigeon Cove, Beirut, Lebanon.
- 412217. CAV 1148. Seashore, Beirut, Lebanon.
- 412218. CAV 1150. Statco Building, Beirut, Lebanon.
- 412219. CAV 1172. Blouza, Lebanon.
- 412220. CAV 1184. Dahr-El-Bairdar, Lebanon.
- 412221. CAV 1189. Seven km east of Dahr-El-Bairdar, Lebanon.
- 412222. CAV 1153. Fidar, Lebanon.
- 412223. CAV 1155. Fidar, Lebanon.
- 412224. CAV 1156. Fidar, Lebanon.
- 412225. CAV 1181. Ten km north of Halba, Lebanon.
- 412226. CAV 1182B. Ten km north of Halba, Lebanon.
- 412227. CAV 1157. Lower level, Jebail/Byblos/, Lebanon.
- 412228. CAV 1158. Seashore, Jebail/Byblos/, Lebanon.
- 412229. CAV 1159. Ten km north of Jebail/Byblos/, Lebanon.
- 412230. CAV 1160. Ten km north of Jebail/Byblos/, Lebanon.
- 412231. CAV 1162. Twenty km north of Jebail/Byblos/, Lebanon.
- 412232. CAV 1163. Twenty km north of Jebail/Byblos/, Lebanon.
- 412233. CAV 1164. Kafor Suron, Lebanon.
- 412234. CAV 1165. Kafor Suron, Lebanon.
- 412235. CAV 1166. Kafor Suron, Lebanon.
- 412236. CAV 1167. Kafor Suron, Lebanon.
- 412237. CAV 1174. Kousba, Lebanon.
- 412238. CAV 1175. Kousba, Lebanon.
- 412239. CAV 1152. Safra, Lebanon.
- 412240. CAV 1133. Ten km south of Saida/Sidon/, Lebanon.
- 412241. CAV 1134. Ten km north of Saida/Sidon/, Lebanon.
- 412242. CAV 1135. Ten km north of Saida/Sidon/, Lebanon.
- 412243. CAV 1179. Tell Abbas, Lebanon.
- 412244. CAV 1180. Tell Abbas, Lebanon.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 412245. CAV 1176. Five km north of Tripoli, Lebanon.
- 412246. CAV 1177. Five km north of Tripoli, Lebanon.
- 412247. CAV 4064. Fifteen km southeast of Ain El Aouda, Morocco.
- 412248. CAV 4372. Eighteen km south of Aknoul, Morocco.
- 412249. CAV 4363. Forty km southwest Azrou, Morocco.
- 412250. CAV 4148. Five km southwest of Beni-Mellal, Morocco.
- 412251. CAV 4099. Two km from Berrechid, Morocco.
- 412252. CAV 4254. Two km southwest of Bouznika, Morocco.
- 412253. CAV 4083. El Gara, Morocco.
- 412254. CAV 4087. Ten km northeast of El Gara, Morocco.
- 412255. CAV 4247. Five km north of El Louizia, Morocco.
- 412256. CAV 4356. El-Majeb, Morocco.
- 412257. CAV 4159. Two km north of El-Kelaa-Des-Srarhna, Morocco.
- 412258. CAV 4164. Two km north of El-Kelaa-Des-Srarhna, Morocco.
- 412259. CAV 4259. Five km east of Fes, Morocco.
- 412260. CAV 4263. Eight km east of Fes, Morocco.
- 412261. CAV 4265. Eight km east of Fes, Morocco.
- 412262. CAV 4287. Sixty km east of Fes, Morocco.
- 412263. CAV 4142. Twenty-five km southwest of Kasba-Tadla, Morocco.
- 412264. CAV 4143. Twenty-five km southwest of Kasba-Tadla, Morocco.
- 412265. CAV 1995. Twenty km north of Khemisset, Morocco.
- 412266. CAV 3992. Ten km southwest of Khemisset, Morocco.
- 412267. CAV 4002. Twenty-five km east of Khemisset, Morocco.
- 412268. CAV 4010. Twenty km east of Khemisset, Morocco.
- 412269. CAV 4014. Twenty km east of Khemisset, Morocco.
- 412270. CAV 4015. Khemisset, Morocco.
- 412271. CAV 4018. Khemisset, Morocco.
- 412272. CAV 4019. Lake Roumi, Morocco.
- 412273. CAV 4020. Five km southeast of Lake Roumi, Morocco.
- 412274. CAV 4039. Twenty-five km southwest of Maaziz, Morocco.
- 412275. CAV 4045. Garbage dump, Maaziz, Morocco.
- 412276. CAV 4049. Garbage dump, Maaziz, Morocco.
- 412277. CAV 4168. Forty-five km north of Marrakech, Morocco.
- 412278. CAV 4174. Twenty km north of Marrakech, Morocco.
- 412279. CAV 4178. Twelve km north of Marrakech, Morocco.
- 412280. CAV 4183. Two km north of Marrakech, Morocco.
- 412281. CAV 4188. Two km north of Marrakech, Morocco.
- 412282. CAV 4195. Twenty km south of Marrakech, Morocco.
- 412283. CAV 1996. Research Station, Marrakech, Morocco.
- 412284. CAV 4402. Five km south of Mechra-Bel-Ksiri, Morocco.
- 412285. CAV 4423. Twelve km north of Meknes, Morocco.
- 412286. CAV 4428. Twelve km north of Meknes, Morocco.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 412287. CAV 4109. Mellah, Morocco.
- 412288. CAV 4323. One km north of Mrirt, Morocco.
- 412289. CAV 4324. One km north of Mrirt, Morocco.
- 412290. CAV 4325. Ten km south of Nasser-Amame, Morocco.
- 412291. CAV 4329. Ten km north of Nasser-Amame, Morocco.
- 412292. CAV 4331. Ten km north of Nasser-Amame, Morocco.
- 412293. CAV 4334. Ten km north of Nasser-Amame, Morocco.
- 412294. CAV 4123. Ten km north of Oued Zem, Morocco.
- 412295. CAV 3975. Chellah, Rabat, Morocco.
- 412296. CAV 4115. Twenty-five km south of Rommani, Morocco.
- 412297. CAV 4117. Ten km south of Rommani, Morocco.
- 412298. CAV 4230. Ten km south of Settat, Morocco.
- 412299. CAV 4407. Twenty km north of Sidi-Kacem, Morocco.
- 412300. CAV 4412. Twenty km north of Sidi-Kacem, Morocco.
- 412301. CAV 4413. One km south of Sidi-Kacem, Morocco.
- 412302. CAV 4399. Two km west of Souk-El-Arbra-Du-Rh, Morocco.
- 412303. CAV 4400. Two km west of Souk-El-Arbra-Du-Rh, Morocco.
- 412304. CAV 4392. Two km south of Souk-Tleta-Du-Rharb, Morocco.
- 412305. CAV 4290. Eight km north of Tahala, Morocco.
- 412306. CAV 4214. Five km south of Tahanoute, Morocco.
- 412307. CAV 4312. Twenty km west of Taza, Morocco.
- 412308. CAV 4377. Eight km north of Taza, Morocco.
- 412309. CAV 4386. Ten km west of Taza, Morocco.
- 412310. CAV 3981. Twenty-two km south of Tiflet, Morocco.
- 412311. CAV 4240. Two km south of Tit-Mellil, Morocco.
- 412312. CAV 1126. Ruins, Ahamate, Syria.
- 412313. CAV 1104. Ten km south of Damascus, Syria.
- 412314. CAV 1108. Plots, Agriculture Station, Damascus, Syria.
- 412315. CAV 1109. Plots, Agriculture Station, Damascus, Syria.
- 412316. CAV 1110. Plots, Agriculture Station, Damascus, Syria.
- 412317. CAV 1111. Plots, Agriculture Station, Damascus, Syria.
- 412318. CAV 1112. Plots, Agriculture Station, Damascus, Syria.
- 412319. CAV 1113. Damascus, Syria.
- 412320. CAV 1114. Twenty km west of Damascus, Syria.
- 412321. CAV 1097. El Keswe, Syria.
- 412322. CAV 1098. El Keswe, Syria.
- 412323. CAV 1101. El Keswe, Syria.
- 412324. CAV 1117. Hassie, Syria.
- 412325. CAV 1118. Hassie, Syria.
- 412326. CAV 1127. Hialin, Syria.
- 412327. CAV 1128. Hialin, Syria.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412328. CAV 1119. Ten km south of Homs, Syria.
- 412329. CAV 1120. Ten km south of Homs, Syria.
- 412330. CAV 1122. Ten km south of Homs, Syria.
- 412331. CAV 1125. Ten km north of Homs, Syria.
- 412332. CAV 1130. Kalet-El-Madeik, Syria.
- 412333. CAV 1131. Kalet-El-Madeik, Syria.
- 412334. CAV 1132. Kalet-El-Madeik, Syria.
- 412335. CAV 1116. Two km east of Maarret, Syria.
- 412336. CAV 1115. Meharda, Syria.
- 412337. CAV 3619. One km south of Beja, Tunisia.
- 412338. CAV 3638. Eight km southeast of Beja, Tunisia.
- 412339. CAV 3655. Twenty-four km northwest of Beja, Tunisia.
- 412340. CAV 3657. Twenty-four km northwest of Beja, Tunisia.
- 412341. CAV 3554. Bir M, Cherga, Tunisia.
- 412342. CAV 3556. Bir M, Cherga, Tunisia.
- 412343. CAV 3559. Bir M, Cherga, Tunisia.
- 412344. CAV 1959. Bizerte, Tunisia.
- 412345. CAV 3719. Ten km east of Bou Arada, Tunisia.
- 412346. CAV 1937. Bou Arkoub, Tunisia.
- 412347. CAV 1938. Bou Arkoub, Tunisia.
- 412348. CAV 1961. Bull Regia, Bou Salem, Tunisia.
- 412349. CAV 1933. Ruins of Carthage, Tunisia.
- 412350. CAV 1935. Ruins of Carthage, Tunisia.
- 412351. CAV 1936. Ruins of Carthage, Tunisia.
- 412352. CAV 4457. Ten km west of Chouigui, Tunisia.
- 412353. CAV 4437. Eight km west of Djedeida, Tunisia.
- 412354. CAV 4439. Eight km west of Djedeida, Tunisia.
- 412355. CAV 3577. Eight km south of Enfidauville, Tunisia.
- 412356. CAV 3579. Eight km south of Enfidauville, Tunisia.
- 412357. CAV 3580. Eight km south of Enfidauville, Tunisia.
- 412358. CAV 3549. Five km north of Fouchana, Tunisia.
- 412359. CAV 3508. Fifteen km northeast of Furna, Tunisia.
- 412360. CAV 3509. Fifteen km northeast of Furna, Tunisia.
- 412361. CAV 3510. Fifteen km northeast of Furna, Tunisia.
- 412362. CAV 3742. Gafour, Tunisia.
- 412363. CAV 3746. Gafour, Tunisia.
- 412364. CAV 1943. Grombalia, Tunisia.
- 412365. CAV 3597. Ten km northwest of Grombalia, Tunisia.
- 412366. CAV 3598. Ten km northwest of Grombalia, Tunisia.
- 412367. CAV 3592. Five km south of Hammanet, Tunisia.
- 412368. CAV 3498. Five km south of Kairouan, Tunisia.
- 412369. CAV 3499. Five km south of Kairouan, Tunisia.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412370. CAV 3502. Five km south of Kairouan, Tunisia.
- 412371. CAV 3567. Five km north of Kairouan, Tunisia.
- 412372. CAV 3572. Five km north of Kairouan, Tunisia.
- 412373. CAV 1952. Thirty-five km north of Le Kef, Tunisia.
- 412374. CAV 3616. Fifteen km northeast of Le Krib, Tunisia.
- 412375. CAV 3617. Fifteen km northeast of Le Krib, Tunisia.
- 412376. CAV 4472. Two km south of Mateur, Tunisia.
- 412377. CAV 3609. Five km south of Medjez El Bab, Tunisia.
- 412378. CAV 3672. Ten km northeast of Medjez El Bab, Tunisia.
- 412379. CAV 3673. Ten km northeast of Medjez El Bab, Tunisia.
- 412380. CAV 3680. Five km southwest of Medjez El Bab, Tunisia.
- 412381. CAV 3682. Five km southwest of Medjez El Bab, Tunisia.
- 412382. CAV 3686. Five km southwest of Medjez El Bab, Tunisia.
- 412383. CAV 3789. Five km southwest of Medjez El Bab, Tunisia.
- 412384. CAV 1953. Five km east of Medjez El Bab, Tunisia.
- 412385. CAV 1955. Medjez El Bab, Tunisia.
- 412386. CAV 3593. Eight km northwest of Nabeul, Tunisia.
- 412387. CAV 3594. Eight km northwest of Nabeul, Tunisia.
- 412388. CAV 3754. Five km southwest of Nabeul, Tunisia.
- 412389. CAV 3561. Two km south of Pont Du Fahs, Tunisia.
- 412390. CAV 3718. Three km west of Pont Du Fahs, Tunisia.
- 412391. CAV 3532. Si Athman, Tunisia.
- 412392. CAV 3533. Si Athman, Tunisia.
- 412393. CAV 3602. St. Cyprien, Tunisia.
- 412394. CAV 3630. Five km southwest of Tebourba, Tunisia.
- 412395. CAV 3662. Twenty km southwest of Tebourba, Tunisia.
- 412396. CAV 3663. Twenty km southwest of Tebourba, Tunisia.
- 412397. CAV 3664. Twenty km southwest of Tebourba, Tunisia.
- 412398. CAV 3665. Twenty km southwest of Tebourba, Tunisia.
- 412399. CAV 3666. Twenty km southwest of Tebourba, Tunisia.
- 412400. CAV 3669. Tebourba, Tunisia.
- 412401. CAV 3612. Teboursouk, Tunisia.
- 412402. CAV 1925. Tunis, Tunisia.
- 412403. CAV 1928. Tunis, Tunisia.
- 412404. CAV 1929. Tunis, Tunisia.
- 412405. CAV 1930. Tunis, Tunisia.
- 412406. CAV 3524. Twenty-five km north of Tunis, Tunisia.
- 412407. CAV 3527. Thirty-five km north of Tunis, Tunisia.
- 412408. CAV 3528. Thirty-five km north of Tunis, Tunisia.
- 412409. CAV 3529. Thirty-five km north of Tunis, Tunisia.
- 412410. CAV 3623. Eleven km west of Tunis, Tunisia.
- 412411. CAV 3624. Eleven km west of Tunis, Tunisia.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412412. CAV 3633. Fifteen km north of Tunis, Tunisia.
- 412413. CAV 3704. Eight km south of Zaghouan, Tunisia.
- 412414. CAV 3691. Two km northeast of Zouaouine, Tunisia.
- 412415. CAV 3365. Turkey.
- 412416. CAV 3366. Turkey.
- 412417. CAV 3367. Turkey.
- 412418. CAV 1522. Fifteen km west of Adana, Turkey.
- 412419. CAV 1524. Fifteen km west of Adana, Turkey.
- 412420. CAV 1525. Five km east of Adana, Turkey.
- 412421. CAV 1526. Twenty-five km east of Adana, Turkey.
- 412422. CAV 1527. Twenty-five km east of Adana, Turkey.
- 412423. CAV 1737. Fifteen km southeast of Adiyaman, Turkey.
- 412424. CAV 1739. Fifteen km southeast of Adiyaman, Turkey.
- 412425. CAV 1762. Ten km south of Adiyaman, Turkey.
- 412426. CAV 1923. Fifty-five km northeast of Afyon, Turkey.
- 412427. CAV 1875. Aksaray, Turkey.
- 412428. CAV 1908. Sixteen km east of Akyurt, Turkey.
- 412429. CAV 1912. Thirty-two km east of Akyurt, Turkey.
- 412430. CAV 1500. Forty km west of Alanya, Turkey.
- 412431. CAV 1501. Twenty-five km east of Alanya, Turkey.
- 412432. CAV 1502. Twenty-five km east of Alanya, Turkey.
- 412433. CAV 1917. Twelve km west of Amasya, Turkey.
- 412434. CAV 1918. Eighteen km northwest of Amasya, Turkey.
- 412435. CAV 1505. Forty km west of Anamur, Turkey.
- 412436. CAV 1506. Forty km west of Anamur, Turkey.
- 412437. CAV 1507. Forty km west of Anamur, Turkey.
- 412438. CAV 1508. Forty km west of Anamur, Turkey.
- 412439. CAV 1509. Forty km west of Anamur, Turkey.
- 412440. CAV 1530. Anavarza, Turkey.
- 412441. CAV 1903. Forty km west of Ankara, Turkey.
- 412442. CAV 1907. Twenty-four km northeast of Ankara, Turkey.
- 412443. CAV 1924. Twenty-four km northeast of Ankara, Turkey.
- 412444. CAV 1547. Ten km north of Antakya, Turkey.
- 412445. CAV 1549. St. Peter's, Antakya, Turkey.
- 412446. CAV 1552. Thirty-five km northeast of Antakya, Turkey.
- 412447. CAV 1553. Thirty-five km northeast of Antakya, Turkey.
- 412448. CAV 1554. Thirty-five km northeast of Antakya, Turkey.
- 412449. CAV 1555. Thirty-five km northeast of Antakya, Turkey.
- 412450. CAV 1556. Thirty-five km northeast of Antakya, Turkey.
- 412451. CAV 1557. Thirty-five km northeast of Antakya, Turkey.
- 412452. CAV 1560. Thirty-five km northeast of Antakya, Turkey.
- 412453. CAV 1561. Thirty-five km northeast of Antakya, Turkey.

411150 to 412768 —Continued**411500 to 412724 —Continued**

- 412454. CAV 1562. Thirty-five km northeast of Antakya, Turkey.
- 412455. CAV 1563. Thirty-five km northeast of Antakya, Turkey.
- 412456. CAV 1564. Thirty-five km northeast of Antakya, Turkey.
- 412457. CAV 1565. Forty km northeast of Antakya, Turkey.
- 412458. CAV 1566. Forty km northeast of Antakya, Turkey.
- 412459. CAV 1567. Forty km northeast of Antakya, Turkey.
- 412460. CAV 1568. Forty km northeast of Antakya, Turkey.
- 412461. CAV 1569. Forty km northeast of Antakya, Turkey.
- 412462. CAV 1488. Antalya, Turkey.
- 412463. CAV 1490. Thirty km east of Antalya, Turkey.
- 412464. CAV 1491. Thirty km east of Antalya, Turkey.
- 412465. CAV 1492. Thirty km east of Antalya, Turkey.
- 412466. CAV 1727. Fifteen km west of Araban, Turkey.
- 412467. CAV 1728. Araban, Turkey.
- 412468. CAV 1729. Araban, Turkey.
- 412469. CAV 1730. Araban, Turkey.
- 412470. CAV 1731. Two km east of Araban, Turkey.
- 412471. CAV 1732. Two km east of Araban, Turkey.
- 412472. CAV 1735. Twenty-six km north of Araban, Turkey.
- 412473. CAV 1736. Twenty-six km north of Araban, Turkey.
- 412474. CAV 3373. Arpacay, Turkey.
- 412475. CAV 3357. Askale, Turkey.
- 412476. CAV 3360. Ten km east of Askale, Turkey.
- 412477. CAV 3361. Ten km east of Askale, Turkey.
- 412478. CAV 1481. Ruins, Asklepion, Turkey.
- 412479. CAV 1626. One km west of Askuyulu, Turkey.
- 412480. CAV 1518. Ayas, Turkey.
- 412481. CAV 1652. Fifty km south of Batman, Turkey.
- 412482. CAV 1654. Fifteen km south of Batman, Turkey.
- 412483. CAV 1655. Five km east of Batman, Turkey.
- 412484. CAV 1657. Fifteen km east of Batman, Turkey.
- 412485. CAV 1771. Forty-four km west of Baykan, Turkey.
- 412486. CAV 1772. Forty-four km west of Baykan, Turkey.
- 412487. CAV 1759. Ten km west of Besni, Turkey.
- 412488. CAV 1760. Ten km west of Besni, Turkey.
- 412489. CAV 1919. Twelve km northwest of Boyabat, Turkey.
- 412490. CAV 1920. Six km northwest of Boyabat, Turkey.
- 412491. CAV 3349. Seashore, Canakkale, Turkey.
- 412492. CAV 1899. Five km south of Cankiri, Turkey.
- 412493. CAV 1900. Five km south of Cankiri, Turkey.
- 412494. CAV 1901. Twenty-two km south of Cankiri, Turkey.
- 412495. CAV 1532. Twenty km east of Ceyhan, Turkey.

411150 to 412768 — Continued**411500 to 412724 — Continued**

- 412496.** CAV 1649. Three km east of Cizre, Turkey.
- 412497.** CAV 1650. Ten km east of Cizre, Turkey.
- 412498.** CAV 1537. Davultepe, Turkey.
- 412499.** CAV 1538. Davultepe, Turkey.
- 412500.** CAV 1539. Davultepe, Turkey.
- 412501.** CAV 1617. Diyarbakir, Turkey.
- 412502.** CAV 1620. Ten km northwest of Diyarbakir, Turkey.
- 412503.** CAV 1622. Twenty km northwest of Diyarbakir, Turkey.
- 412504.** CAV 1624. Fifty km northwest of Diyarbakir, Turkey.
- 412505.** CAV 1632. Eight km southeast of Diyarbakir, Turkey.
- 412506.** CAV 1633. Ten km southeast of Diyarbakir, Turkey.
- 412507.** CAV 1635. Fifteen km southeast of Diyarbakir, Turkey.
- 412508.** CAV 1636. Fifty km southeast of Diyarbakir, Turkey.
- 412509.** CAV 1670. Fifty-five km east of Diyarbakir, Turkey.
- 412510.** CAV 1671. Fifty-five km east of Diyarbakir, Turkey.
- 412511.** CAV 1672. Thirty-five km east of Diyarbakir, Turkey.
- 412512.** CAV 1673. Thirty-five km east of Diyarbakir, Turkey.
- 412513.** CAV 1674. Thirty-five km east of Diyarbakir, Turkey.
- 412514.** CAV 1675. Thirty-five km east of Diyarbakir, Turkey.
- 412515.** CAV 1676. Thirty-five km east of Diyarbakir, Turkey.
- 412516.** CAV 1677. Eleven km east of Diyarbakir, Turkey.
- 412517.** CAV 1680. Forty km west of Diyarbakir, Turkey.
- 412518.** CAV 1881. Agriculture Station, Diyarbakir, Turkey.
- 412519.** CAV 1482. Ruins, Dydimos, Turkey.
- 412520.** CAV 1483. Ruins, Dydimos, Turkey.
- 412521.** CAV 3326. Two km south of Eceabat, Turkey.
- 412522.** CAV 3327. Two km south of Eceabat, Turkey.
- 412523.** CAV 3337. Edirne, Turkey.
- 412524.** CAV 3338. Fifteen km east of Edirne, Turkey.
- 412525.** CAV 3340. Ten km northeast of Edirne, Turkey.
- 412526.** CAV 1628. Ten km southeast of Elazig, Turkey.
- 412527.** CAV 1629. Ten km southeast of Elazig, Turkey.
- 412528.** CAV 1776. One hundred km east of Elazig, Turkey.
- 412529.** CAV 1778. One hundred km east of Elazig, Turkey.
- 412530.** CAV 1780. One hundred km east of Elazig, Turkey.
- 412531.** CAV 1781. Fifty km east of Elazig, Turkey.
- 412532.** CAV 1782. Forty km east of Elazig, Turkey.
- 412533.** CAV 1783. Thirty km east of Elazig, Turkey.
- 412534.** CAV 1827. Thirty km north of Elazig, Turkey.
- 412535.** CAV 1885. Forty km east of Elazig, Turkey.
- 412536.** CAV 1816. Erzincan, Turkey.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412537. CAV 1817. Erzincan, Turkey.
- 412538. CAV 3389. Erzurum, Turkey.
- 412539. CAV 1588. Fifteen km east of Fevzipasa, Turkey.
- 412540. CAV 1589. Fifteen km east of Fevzipasa, Turkey.
- 412541. CAV 1591. Five km southeast of Fevzipasa, Turkey.
- 412542. CAV 1592. Fevzipasa, Turkey.
- 412543. CAV 1599. Fifty km west of Gaziantep, Turkey.
- 412544. CAV 1601. Fifty km west of Gaziantep, Turkey.
- 412545. CAV 1602. Fifty km west of Gaziantep, Turkey.
- 412546. CAV 1604. Fifty km west of Gaziantep, Turkey.
- 412547. CAV 1605. Fifty km west of Gaziantep, Turkey.
- 412548. CAV 1608. Fifty km west of Gaziantep, Turkey.
- 412549. CAV 1609. Forty km west of Gaziantep, Turkey.
- 412550. CAV 1610. Forty km west of Gaziantep, Turkey.
- 412551. CAV 1611. Ten km east of Gaziantep, Turkey.
- 412552. CAV 1717. Six km east of Gaziantep, Turkey.
- 412553. CAV 1718. Six km east of Gaziantep, Turkey.
- 412554. CAV 1720. Eighteen km north of Gaziantep, Turkey.
- 412555. CAV 1721. Eighteen km north of Gaziantep, Turkey.
- 412556. CAV 1722. Eighteen km north of Gaziantep, Turkey.
- 412557. CAV 1723. Thirty km north of Gaziantep, Turkey.
- 412558. CAV 1740. Forty km north of Gaziantep, Turkey.
- 412559. CAV 1741. Forty km north of Gaziantep, Turkey.
- 412560. CAV 1742. Forty km north of Gaziantep, Turkey.
- 412561. CAV 1503. Ten km east of Gazipasa, Turkey.
- 412562. CAV 1504. Thirty-three km east of Gazipasa, Turkey.
- 412563. CAV 1805. Gemerik, Turkey.
- 412564. CAV 1807. Gemerik, Turkey.
- 412565. CAV 1752. Ten km west of Golbasi, Turkey.
- 412566. CAV 1754. Twenty km southeast of Golbasi, Turkey.
- 412567. CAV 1755. Twenty km southeast of Golbasi, Turkey.
- 412568. CAV 1756. Twenty km southeast of Golbasi, Turkey.
- 412569. CAV 1757. Thirty-five km south of Golbasi, Turkey.
- 412570. CAV 1810. Five km west of Hafik, Turkey.
- 412571. CAV 1707. Eight km northwest of Harran, Turkey.
- 412572. CAV 1708. Five km northwest of Harran, Turkey.
- 412573. CAV 1576. Five km north of Hassa, Turkey.
- 412574. CAV 1577. Five km north of Hassa, Turkey.
- 412575. CAV 1579. Ten km northeast of Hassa, Turkey.
- 412576. CAV 1678. Eight km south of Hazro, Turkey.
- 412577. CAV 1679. Eight km south of Hazro, Turkey.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412578. CAV 1902. Ilgaz, Turkey.
- 412579. CAV 3342. Ipsala, Turkey.
- 412580. CAV 1540. Fifty km north of Iskenderun, Turkey.
- 412581. CAV 1541. Fifty km north of Iskenderun, Turkey.
- 412582. CAV 1542. Fifty km north of Iskenderun, Turkey.
- 412583. CAV 1543. Fifteen km east of Iskenderun, Turkey.
- 412584. CAV 1544. Seventeen km south of Iskenderun, Turkey.
- 412585. CAV 1546. Thirty-five km south of Iskenderun, Turkey.
- 412586. CAV 1586. Eight km southeast of Islahiye, Turkey.
- 412587. CAV 1587. Eight km southeast of Islahiye, Turkey.
- 412588. CAV 3376. Five km south of Ispir, Turkey.
- 412589. CAV 3377. Five km south of Ispir, Turkey.
- 412590. CAV 1850. Istanbul, Turkey.
- 412591. CAV 1851. Twenty-five km northwest of Istanbul, Turkey.
- 412592. CAV 1870. Dump, Istanbul, Turkey.
- 412593. CAV 3533. Five km southeast of Istanbul, Turkey.
- 412594. CAV 3354. Five km southeast of Istanbul, Turkey.
- 412595. CAV 1479. Citadel, Izmir, Turkey.
- 412596. CAV 1834. Twenty km west of Izmit, Turkey.
- 412597. CAV 1835. Twenty km west of Izmit, Turkey.
- 412598. CAV 1838. Twenty km north of Izmit, Turkey.
- 412599. CAV 3374. Kagizman, Turkey.
- 412600. CAV 1911. Twelve km north of Kalecik, Turkey.
- 412601. CAV 1876. Nine km west of Kaman, Turkey.
- 412602. CAV 1877. Fourteen km east of Kaman, Turkey.
- 412603. CAV 1904. Thirty-two km west of Kaman, Turkey.
- 412604. CAV 1841. Five km south of Kandira, Turkey.
- 412605. CAV 1842. Kandira, Turkey.
- 412606. CAV 1844. Seventy km west of Kandira, Turkey.
- 412607. CAV 1692. Six km north of Karakeci, Turkey.
- 412608. CAV 1693. Five km south of Karakeci, Turkey.
- 412609. CAV 1695. Twenty-five km south of Karakeci, Turkey.
- 412610. CAV 3368. Ten km southwest of Karakurt, Turkey.
- 412611. CAV 3369. Ten km southwest of Karakurt, Turkey.
- 412612. CAV 3370. Ten km southwest of Karakurt, Turkey.
- 412613. CAV 3372. Three km north of Karakurt, Turkey.
- 412614. CAV 3409. Arpacay, Kars, Turkey.
- 412615. CAV 1799. Thirty-five km east of Kayseri, Turkey.
- 412616. CAV 1571. Three km east of Kirkhan, Turkey.
- 412617. CAV 1572. Kirkhan, Turkey.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412618. CAV 1574. Five km north of Kirkhan, Turkey.
- 412619. CAV 1878. Seventeen km west of Kirsehir, Turkey.
- 412620. CAV 1535. Kiyildere, Turkey.
- 412621. CAV 1536. Kiyildere, Turkey.
- 412622. CAV 3355. Five km northeast of Kokat, Turkey.
- 412623. CAV 1627. Ten km northwest of Maden, Turkey.
- 412624. CAV 1787. Forty km east of Malatya, Turkey.
- 412625. CAV 1791. Twenty-five km east of Malatya, Turkey.
- 412626. CAV 1795. Agriculture School, Malatya, Turkey.
- 412627. CAV 1796. Thirty km west of Malatya, Turkey.
- 412628. CAV 3345. Ten km west of Malatya, Turkey.
- 412629. CAV 3346. Ten km west of Malatya, Turkey.
- 412630. CAV 1637. Mardin, Turkey.
- 412631. CAV 1639. Mardin, Turkey.
- 412632. CAV 1640. Five km east of Mardin, Turkey.
- 412633. CAV 1641. Five km east of Mardin, Turkey.
- 412634. CAV 1519. Mersin, Turkey.
- 412635. CAV 1520. Mersin, Turkey.
- 412636. CAV 1828. Meslek Okulu, Turkey.
- 412637. CAV 1486. Ruins of Miletos, Turkey.
- 412638. CAV 1487. Ruins of Miletos, Turkey.
- 412639. CAV 3375. Mt. Ararat, Turkey.
- 412640. CAV 3320. Seashort, Murefte, Turkey.
- 412641. CAV 1884. Twenty-three km north of Mus, Turkey.
- 412642. CAV 1550. Musa Dag, Turkey.
- 412643. CAV 1551. Musa Dag, Turkey.
- 412644. CAV 1594. Thirty km east of Osmaniye, Turkey.
- 412645. CAV 1595. Thirty km east of Osmaniye, Turkey.
- 412646. CAV 1749. Ten km southwest of Pazarcik, Turkey.
- 412647. CAV 1750. Ten km southwest of Pazarcik, Turkey.
- 412648. CAV 1824. Pertek, Turkey.
- 412649. CAV 1874. Twenty-three km north of Pozanti, Turkey.
- 412650. CAV 1858. Five km south of Saray, Turkey.
- 412651. CAV 1860. Fifteen km southeast of Saray, Turkey.
- 412652. CAV 1861. Fifteen km southeast of Saray, Turkey.
- 412653. CAV 1886. Sariz, Turkey.
- 412654. CAV 1642. Twenty km southwest of Savur, Turkey.
- 412655. CAV 1643. Five km east of Savur, Turkey.
- 412656. CAV 1905. Twenty-eight km northwest of Sereflikochisar, Turkey.
- 412657. CAV 1906. Twenty km southeast of Sereflikochisar, Turkey.
- 412658. CAV 1493. Five km east of Serik, Turkey.
- 412659. CAV 1494. Five km east of Serik, Turkey.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412660. CAV 1495. Five km east of Serik, Turkey.
- 412661. CAV 1496. Five km east of Serik, Turkey.
- 412662. CAV 1497. Five km east of Serik, Turkey.
- 412663. CAV 1498. Side, Turkey.
- 412664. CAV 1499. Side, Turkey.
- 412665. CAV 1659. Forty-three km west of Siirt, Turkey.
- 412666. CAV 1663. Twenty-five km northwest of Siirt, Turkey.
- 412667. CAV 1664. Thirty km northwest of Siirt, Turkey.
- 412668. CAV 1510. One hundred km west of Silifke, Turkey.
- 412669. CAV 1511. Eighty km west of Silifke, Turkey.
- 412670. CAV 1512. Eighty km west of Silifke, Turkey.
- 412671. CAV 1513. Ten km west of Silifke, Turkey.
- 412672. CAV 1514. Silifke, Turkey.
- 412673. CAV 1515. Seven km east of Silifke, Turkey.
- 412674. CAV 1516. Ten km east of Silifke, Turkey.
- 412675. CAV 1517. Ten km east of Silifke, Turkey.
- 412676. CAV 1865. Five km east of Silivri, Turkey.
- 412677. CAV 1866. Ten km west of Silivri, Turkey.
- 412678. CAV 1867. Ten km west of Silivri, Turkey.
- 412679. CAV 1868. Ten km west of Silivri, Turkey.
- 412680. CAV 1666. Twenty-nine km east of Silvan, Turkey.
- 412681. CAV 1882. Sirnak, Turkey.
- 412682. CAV 1681. Thirty km east of Siverek, Turkey.
- 412683. CAV 1682. Twenty km east of Siverek, Turkey.
- 412684. CAV 1686. Siverek, Turkey.
- 412685. CAV 1689. Five km south of Siverek, Turkey.
- 412686. CAV 1690. Five km south of Siverek, Turkey.
- 412687. CAV 1691. Sixteen km southeast of Siverek, Turkey.
- 412688. CAV 1897. Thirty-eight km northeast of Sungurlu, Turkey.
- 412689. CAV 1521. Tarsus, Turkey.
- 412690. CAV 1914. Seven km southwest of Taskopru, Turkey.
- 412691. CAV 1915. Five km northeast of Taskopru, Turkey.
- 412692. CAV 1916. Seventeen km northeast of Taskopru, Turkey.
- 412693. CAV 3318. Seashort, Tekirdag, Turkey.
- 412694. CAV 3344. Sarkoy, Tekirdag, Turkey.
- 412695. CAV 1890. Four km south of Tokat, Turkey.
- 412696. CAV 3362. Tortum, Turkey.
- 412697. CAV 3363. Tortum, Turkey.
- 412698. CAV 3364. Tortum, Turkey.
- 412699. CAV 3378. Tortum, Turkey.
- 412700. CAV 3379. Tortum, Turkey.

411150 to 412768—Continued**411500 to 412724—Continued**

- 412701.** CAV 3380. Tortum, Turkey.
412702. CAV 3381. Tortum, Turkey.
412703. CAV 3382. Tortum, Turkey.
412704. CAV 3383. Tortum, Turkey.
412705. CAV 3384. Tortum, Turkey.
412706. CAV 3400. Oltu, Tortum, Turkey.
412707. CAV 1484. Ruins of Trione, Turkey.
412708. CAV 1883. Five km southwest of Uludere, Turkey.
412709. CAV 1616. Ten km west of Urfa, Turkey.
412710. CAV 1701. Fifty km east of Urfa, Turkey.
412711. CAV 1702. Forty km east of Urfa, Turkey.
412712. CAV 1703. Ten km south of Urfa, Turkey.
412713. CAV 1705. Ten km south of Urfa, Turkey.
412714. CAV 1709. Thirty-five km west of Urfa, Turkey.
412715. CAV 1710. Thirty-five km west of Urfa, Turkey.
412716. CAV 1711. Thirty-five km west of Urfa, Turkey.
412717. CAV 1712. Fifteen km west of Urfa, Turkey.
412718. CAV 1713. Twelve km west of Urfa, Turkey.
412719. CAV 1714. Twenty km northeast of Urfa, Turkey.
412720. CAV 1715. Twenty km northeast of Urfa, Turkey.
412721. CAV 1697. Five km south of Viransehir, Turkey.
412722. CAV 1887. Forty km southeast of Yozgat, Turkey.
412723. CAV 1889. Twenty km northwest of Yozgat, Turkey.
412724. CAV 1812. Seven km west of Zara, Turkey.
- 412725 to 412768.** *AVENA VAVILOVIANA* (Malz.) Mordv.
- 412725.** CAV 2848. Twenty km north of Addis Ababa, Ethiopia.
412726. CAV 2849. Twenty km north of Addis Ababa Ethiopia.
412727. CAV 2850. Twenty km north of Addis Ababa, Ethiopia.
412728. CAV 3304. Market, Addis Ababa, Ethiopia.
412729. CAV 3100. Thirty km south of Adigrat, Ethiopia.
412730. CAV 3279. Alemaya, Ethiopia.
412731. CAV 3241. Eight km west of Ambo, Ethiopia.
412732. CAV 2879. Thirty km northeast of Bahir Daro, Ethiopia.
412733. CAV 2921. Eight km northeast of Dabat, Ethiopia.
412734. CAV 2925. Eight km northeast of Dabat, Ethiopia.
412735. CAV 3217. Three km north of Debra-Birhan, Ethiopia.
412736. CAV 3204. Five km south of Debre Sina, Ethiopia.
412737. CAV 3205. Five km south of Debre Sina, Ethiopia.
412738. CAV 3215. Thirty-eight km south of Debre Sina, Ethiopia.
412739. CAV 3260. Debre Zeyit, Ethiopia.
412740. CAV 3060. Fifty-eight km southeast of Dekemhare, Ethiopia.
412741. CAV 2853. Twenty km west of Fiche, Ethiopia.

411150 to 412768—Continued**412725 to 412768—Continued**

- 412742.** CAV 2854. Twenty km west of Fiche, Ethiopia.
412743. CAV 2871. Twenty km northwest of Finote Selam, Ethiopia.
412744. CAV 2872. Twenty km northwest of Finote Selam, Ethiopia.
412745. CAV 3244. Twelve km west of Gedo, Ethiopia.
412746. CAV 3246. Gedo, Ethiopia.
412747. CAV 3285. Thirty km north of Gedo, Ethiopia.
412748. CAV 3286. Thirty km north of Gedo, Ethiopia.
412749. CAV 3257. Gilbel Abey, Ethiopia.
412750. CAV 2851. Ten km north of Goha Tsion, Ethiopia.
412751. CAV 2907. Twenty km northeast of Gonder, Ethiopia.
412752. CAV 2891. Twenty km northeast of Gonder, Ethiopia.
412753. CAV 3281. Two km west of Harrar, Ethiopia.
412754. CAV 3309. Two km west of Harrar, Ethiopia.
412755. CAV 3258. Holetta, Ethiopia.
412756. CAV 3176. Five km south of Kwiha, Ethiopia.
412757. CAV 3185. Sixty km south of Kwiha, Ethiopia.
412758. CAV 3143. Thirty-eight km west of Mekele, Ethiopia.
412759. CAV 3157. Fifty-two km west of Mekele, Ethiopia.
412760. CAV 3066. Five km south of Senafe, Ethiopia.
412761. CAV 3072. Five km south of Senafe, Ethiopia.
412762. CAV 3073. Five km south of Senafe, Ethiopia.
412763. CAV 3226. Four km south of Sendafa, Ethiopia.
412764. CAV 3261. Thirty km north of Shashemene, Ethiopia.
412765. CAV 3262. Twenty km north of Shashemene, Ethiopia.
412766. CAV 3266. Twenty km north of Shashemene, Ethiopia.
412767. CAV 3250. Forty km west of Teji, Ethiopia.
412768. CAV 3252. Forty km west of Teji, Ethiopia.

412769. *PRUNUS PERSICA* (L.) Batsch Rosaceae. **Nectarine.**
 From France. Seedling presented April 1973, by M. J. Baffert, Marseille.

Rootstocks originally distributed by Institute National de la Recherches Agronomique, Angers. Numbered August 23, 1976.

GF 305. Seedlings uniform, excellent compatibility and vigor. Resistant to *Pseudomonas syringae*. Comes true from seeds.

412770 to 412906. *ORYZA SATIVA* L. Poaceae. **Rice.**

From Pakistan. Seed presented by I. Hussain, Agricultural Research Council, Karachi, under Public Law Project A17-PSR-5. Received June 30, 1976.

- 412770.** Basmati C-622. P. 1092. Kala Shan Kaku.
412771. Basmati C-622 Peshawari. P. 1093. Turnab Agricultural Research Institute, Peshawar.
412772. Basmati 802. P. 1094. Turnab Agricultural Research Institute, Peshawar.
412773. Basmati 802 × IR4-93-2. P. 1095. Turnab Agricultural Research Institute, Peshawar.

412770 to 412906 —Continued

412774. Basmati 5875. P. 1096. Turnab Agricultural Research Institute, Peshawar.
412775. Basmati 6311. P. 1097. Turnab Agricultural Research Institute, Peshawar.
412776. J.P.5 or Begumi. P. 1098. Turnab Agricultural Research Institute, Peshawar.
412777. Zafrani (aromatic). P. 1099. Turnab Agricultural Research Institute, Peshawar.
412778. E.P.Br. 2 × 7.95.84. P. 1100. Turnab Agricultural Research Institute, Peshawar.
412779. Kamod. P. 1101. Turnab Agricultural Research Institute, Peshawar.
412780. Bara 1. P. 1102. Turnab Agricultural Research Institute, Peshawar.
412781. Bara 2. P. 1103. Turnab Agricultural Research Institute, Peshawar.
412782. M. F. Johnis P. 1104. Turnab Agricultural Research Institute, Peshawar.
412783. P. 1105.
412784. Daudzai. P. 1106. Mullazai, Peshawar.
412785. Daudzai. P. 1107. Mullazai, Peshawar.
412786. Daudzai mixture. P. 1108. Mullazai, Peshawar.
412787. Daudzai. P. 1109. Chagarmati, Peshawar.
412788. Daudzai. P. 1110. Chagarmati, Peshawar.
412789. Daudzai. P. 1111. Chagarmati, Peshawar.
412790. Daudzai field mixture. P. 1112.
412791. Daudzai. P. 1113. Mullazai village, Peshawar.
412792. Daudzai. P. 1114. Mullazai village, Peshawar.
412793. Daudzai. P. 1115. Mullazai village, Peshawar.
412794. Sera Sella. P. 1116. Malakand Agency.
412795. Sella Sare. P. 1117. Malakand Agency.
412796. Lawangi Sholla. P. 1118. Khar village, Malakand Agency.
412797. Ghartia Shale. P. 1119. Khar village, Malakand Agency.
412798. B coarse mixture. P. 1120. Khar village, Malakand Agency.
412799. Chatae shaga. P. 1121. Khar village, Malakand Agency.
412800. Sella Manzkhora. P. 1122. Khar village, Malakand Agency.
412801. Sella Manzkhora. P. 1123. Khar village, Malakand Agency.
412802. Basmati C-622. P. 1124. Khar village, Malakand Agency.
412803. P. 1125. Kanjo village, Swat.
412804. Lawangae. P. 1126. Shia village, Swat.
412805. P. 1127. Kanjo village, Swat.
412806. Shpetame. P. 1128. Shin village, Swat.
412807. P. 1129. Kabal, Swat.
412808. Shoga, mixture in J.P.5. P. 1130. Khaza Khela-Chaliar, Kalam road to Swat.
412809. J.P.5. P. 1131. Kanjo village, Swat.

412770 to 412906 —Continued

412810. J.P.5. P. 1132. Mangora.
412811. J.P.5. P. 1133. Swat.
412812. P. 1134. Kanjo village, Swat.
412813. Lawangae. P. 1135. Whiter than original Lawangae kernel. Mangora.
412814. Shipatame mixture. P. 1136. Shin village, Swat.
412815. Kolrose × IR 1317-81-3. P. 1137. Mangora.
412816. Y.R.L.I. P. 1138. Mangora.
412817. Lawangae. P. 1139. Mangora.
412818. Y.R.L.6. P. 1140. Mangora.
412819. Shoga, mixture in J.P.5. P. 1141. Chatiar.
412820. Ratria. P. 1144. Goth Haji Mohd, Thatta.
412821. Kharai ganga. P. 1145. Gharro, Thatta.
412822. P. 1146. Coarse, mixture in IR-6 field. Gharro, Thatta.
412823. Sugdasi. P. 1147. Gharro, Thatta.
412824. Sugdasi mixture. P. 1148. Gharro, Thatta.
412825. Sugdasi mixture. P. 1149. Gharro, Thatta.
412826. Khara ganja. P. 1150. Sujawal, Thatta.
412827. Khara ganja. P. 1151. Jati, Sujawal, Thatta.
412828. Jajai-77. P. 1152. Sujawal, Thatta.
412829. Zirai. P. 1153. Sujawal, Thatta.
412830. Sonehri Sugdasi. P. 1154. Deh. Tendo Gul Mohd.
412831. Sonehri coarse. P. 1155. Deh. Tendo Gul Mohd.
412832. Sonehri Sugdasi. P. 1156. Deh. Tendo Gul Mohd.
412833. Local Ganja. P. 1157. Deh. Norijah, Thatta.
412834. Kharai Ganja. P. 1158. Deh. Norijah, Thatta.
412835. Zerai-fine. P. 1159. Badin, Sind.
412836. Zerai mixture. P. 1160. Badin, Sind.
412837. P. 1161. Badin, Sind.
412838. Zerai. P. 1162. Badin, Sind.
412839. Zarai. P. 1163. Badin, Sind.
412840. Zerai. P. 1164. Badin, Sind.
412841. Basmati. P. 1165.
412842. Basmati. P. 1166. Sind.
412843. P. 1167. Qureshi Farm, Sakro, Sind.
412844. Kara Sar. P. 1168. Qureshi Farm, Sakro, Sind.
412845. P. 1169. Sakro, Sind.
412846. P. 1170.
412847. P. 1171. Sakro, Sind.
412848. Khara Ganja. P. 1172. Tando Bangro, Sakro, Sind.
412849. Jajai rice. P. 1173. Sakro, Sind.
412850. P. 1174. Sakro, Sind.
412851. Sonehri rice. P. 1175. War, Thatta.

412770 to 412906 — Continued

- 412852.** Karnal Basmati. P. 1176. Chak Jamke Cheema, Sialkot.
412853. S-12. P. 1177. Chak Jamke Cheema, Sialkot.
412854. Sathi Basmati. P. 1178. Chak Jamke Cheema, Sialkot.
412855. Russi Palman. P. 1179. Chak sabal Pur, Pasrur, Sialkot.
412856. Desi Chitta. P. 1180. Chak sabal Pur, Pasrur, Sialkot.
412857. Jhona local. P. 1181. Chak Kalay Wali, Chowinda, Sialkot.
412858. Basmati. P. 1182. Iqbal Rice Mills, Duska, Sialkot.
412859. P. 1183. Village Gaga, Daska, Sialkot.
412860. Basmati. P. 1184. Village Gaga, Deska, Sialkot.
412861. P. 1185. Village Jasira, Daska, Sialkot.
412862. Desi Basmati. P. 1186. Pasrur, Sialkot.
412863. Basmati. P. 1187. Pasrur, Sialkot.
412864. Russi Palman. P. 1188. Pasrur, Sialkot.
412865. Santhi. P. 1189. Village Baua, Shakargarh, Sialkot.
412866. Santhi. P. 1190. Norkot, Shakargarh, Sialkot.
412867. Desi Jhona. P. 1191. Norkot, Shakargarh, Sialkot.
412868. Local Basmati. P. 1192. Norkot, Shakargarh, Sialkot.
412869. P. 1193. Village Mudarsanwah, Sher Shah, Multan.
412870. P. 1194. Coarse rice. Village Mudarsanwah, Sher Shah, Multan.
412871. P. 1195. Coarse rice. Village Mudarsanwah, Sher Shah, Multan.
412872. Ratti Sathri. P. 1196. Village Karm Dad Qureshi, Multan.
412873. Red Sathra. P. 1197. Village Karm Dad Qureshi, Multan.
412874. Baggi Munji. P. 1198. Muzaffar Garh.
412875. Sathra. P. 1199. Muzaffar Garh.
412876. Sathri. P. 1200. Muzaffar Garh.
412877. P. 1201. Buchrali, Mithan, Muzaffar Garh.
412878. Desi Sathri Ratti. P. 1202. Buchrali, Mithan, Muzaffar Garh.
412879. Sathra Desi. P. 1203. Jhang Road, Marah Froz, Muzaffar Garh.
412880. Permal. P. 1204. Village Gujrat, Muzaffar Garh.
412881. Chitta Kangra. P. 1205. Village Gujrat, Muzaffar Garh.
412882. Sathra. P. 1206. A. Gafoor, Husing Mills, Kot Adu, Muzaffar Garh.
412883. Kangra. P. 1207. A. Gafoor, Husing Mills, Kot Adu, Muzaffar Garh.
412884. Chitta Kangra. P. 1208. Kot Adu.
412885. Kangra. P. 1209. Village Gurmani, Kot Adu.
412886. Kangra. P. 1210. Village Gurmani, Kot Adu.
412887. Kangra. P. 1211. Village Gurmani, Kot Adu.
412888. P. 1212. Coarse rice. 19, S-P. Pak Patan, Sahiwal.
412889. Basmati. P. 1213. Jakerpur, Pak Patan, Sahiwal.
412890. Basmati. P. 1214. Jakerpur, Pak Patan, Sahiwal.
412891. Kachi Basmati. P. 1215. Iqbal 19/S-P, Pak Patan, Sahiwal.
412892. P. 1216. Jakepur, Pak Patan, Sahiwal.
412893. P. 1217. Jakepur, Pak Patan, Sahiwal.

412770 to 412906—Continued

412894. Choba red. P. 1218. 19/ S-P, Pak Patan, Sahiwal.
 412895. Basmati. P. 1219. Jakepur, Pak Patan, Sahiwal.
 412896. Mushkan. P. 1220. Village Hazara, Bahawal Nagar.
 412897. Basmati. P. 1221. Zamindara Commission Shop, Minchanabad, Bahawal Nagar.
 412898. Basmati. P. 1222.
 412899. Kachi Basmati. P. 1223. Bahawal Nagar.
 412900. Hansraj. P. 1224. Minchanabad, Bahawal Nagar.
 412901. Mushkan. P. 1225. Minchanabad, Bahawal Nagar.
 412902. Mushkan. P. 1226.
 412903. Permal Sufaid. P. 1227. Rashid Ahmad, Sh. Allah Bux Sons, Bahawal Nagar.
 412904. Sufaida. P. 1228. Zamindara Commission Shop, Minchanabad, Bahawal Nagar.
 412905. Sufaida. P. 1229.
 412906. P. 1230. Muhammad Yaqub, Bahawal Nagar.

412907 to 412917. ORYZA SATIVA L. Poaceae. Rice.

From Korea. Seed presented by M. D. Davis, Office of Rural Development, Crop Improvement Research Center, Suweon. Received July 20, 1976.

412907. 'IR 800'.
 412908. 'Jinheung'.
 412909. 'Josaeng Tongil'. (Early Tongil).
 412910. 'Milyang 15'.
 412911. 'Milyang 22'.
 412912. 'Milyang 23'.
 412913. 'Mit Da Rae'.
 412914. 'Suweon 258'.
 412915. 'Tongil'.
 412916. 'Tongil chal'. (Wasy Tongil).
 412917. 'Yushin'.

412918 to 412920. ARACHIS HYPOGAEA L. Fabaceae.**Peanut.**

From Venezuela. Seed presented by Bruno Mazzani, Instituto de Investigaciones Agronomicas, Seccion Oleaginosas, Maracay. Received July 21, 1976.

412918. F5-118. 'Criollole Coconot'.
 412919. F5-286. 'F3-261'.
 412920. F5-411. '1560F'. Cuba.

412921 and 412922.

From Syria. Seed collected April 1976 by J. L. Schwendiman, Soil Conservation Service, Plant Materials Center, Pullman, Washington. Numbered June 8, 1976.

412921. CEDRUS LIBANI A. Rich. Pinaceae. Cedar-of-Lebanon.
 Northwest section of Damascus, near upper ancient mosque.

412921 and 412922 —Continued

- 412922.** LENS CULINARIS Medic. Fabaceae. **Lentil.**
Malkie. 3,000 hectares grown annually.

412923 to 413008.

From South Africa. Seed presented January 1976 by Director, Winter Rainfall Region, Stellenbosch, through Plant Introduction Officer, Division of Plant and Seed Control, Pretoria. Numbered August 1, 1976.

- 412923.** AVENA BYZANTINA C. Koch Poaceae. **Red oats.**
'Langgewens'.

- 412924 to 412926.** AVENA FATUA L. **Wild oats.**

412924. 'M 74/163'.

412925. 'M 74/164'.

412926. 'M 74/165'.

- 412927 to 412935.** AVENA SATIVA L. **Common-oats.**

412927. 'Heros'.

412928. 'Stanton'.

412929. 'Van der Byl'.

412930. '1081-16-1'.

412931. 'Rocher'.

412932. 'Jongensklip'.

412933. 'Sonja'.

412934. 'K.389/5-44-15'.

412935. 'Z.1'.

- 412936 to 412946.** HORDEUM VULGARE L. Poaceae. **Barley.**

412936. 'Kaapse Vroee'.

412937. '60/19-30A'.

412938. '62/13-86'.

412939. '62/13-176'.

412940. 'G. 337'.

412941. 'Sultan'.

412942. '60/2-89'.

412943. '60/19-58'.

412944. '62/13-113'.

412945. '62/13-213'.

412946. 'G. 342'.

- 412947.** SECALE AFRICANUM Stapf Poaceae.

Grootfontein College of Agriculture, Middelburg, Cape Province. Indigenous species.

- 412948 to 412951.** SECALE CEREALE L. **Rye.**

412948. 'Balbo'.

412949. 'Polko'.

412950. 'Stoel'.

412951. 'Tetra'.

- 412952 to 413007.** TRITICUM AESTIVUM L. Poaceae. **Common wheat.**

412952. 'Aerie'.

412923 to 413008—Continued**412952 to 413007—Continued**

- 412953. 'Baard 46'.
- 412954. 'Bluebird 2'.
- 412955. 'Bluebird 4'.
- 412956. 'Bobriet'.
- 412957. 'Bobs'.
- 412958. 'Bonnie'.
- 412959. 'Ceres'.
- 412960. 'Ciano "S" (Inia "S") 2'.
- 412961. '23548' × 'Ciano "S"—Son 64'.
- 412962. 'Duiker'.
- 412963. 'Du Toits'.
- 412964. 'Eksteens Vroeebaard'.
- 412965. 'Eleksie'.
- 412966. 'Elize'.
- 412967. 'Elrina'.
- 412968. 'Farrertron'.
- 412969. 'Gail'.
- 412970. 'Gluretty 9'.
- 412971. 'Helene'.
- 412972. 'Impala'.
- 412973. 'Inia 66/P4160'.
- 412974. 'Klein Wit'.
- 412975. 'Knoppies Caledon'.
- 412976. 'Knoppies Duimpies'.
- 412977. 'Kruger'.
- 412978. 'Magaliesberg'.
- 412979. 'Malgas'.
- 412980. 'Myburghs'.
- 412981. 'Niekerks'.
- 412982. 'Pelgrim'.
- 412983. 'Quality'.
- 412984. 'Taute'.
- 412985. 'Red Bobs'.
- 412986. 'Rens 1'.
- 412987. 'Rhoofts'.
- 412988. 'Rooi Klein Koring'.
- 412989. 'Scheepers 69'.
- 412990. 'Sokkies'.
- 412991. 'Son-Y50-5/E' × 'Gto/Inia "S"'.
- 412992. 'Spilhaus'.
- 412993. 'Spring Early'.
- 412994. 'Sterling'.

412923 to 413008 —Continued**412952 to 413007 —Continued**

- 412995. 'Terblanche 2'.
- 412996. 'Tokwe' × 'Jaral 66'.
- 412997. 'Tolletjies'.
- 412998. 'Unie 17'.
- 412999. 'Unie 23'.
- 413000. 'Unie 31'.
- 413001. 'Unie 54'.
- 413002. 'Van Dyks'.
- 413003. 'Vondeling'.
- 413004. 'Vorentoe'.
- 413005. 'F430.K20'.
- 413006. 'S.61/243'.
- 413007. 'S.394. A.2'.

413008. × TRITICOSECALE Wittm. Poaceae.
'Korog'.

Triticale.

413009 to 413181.

From United States. Seed presented by B. H. Beard, Department of Agronomy and Range Sciences, University of California, Davis, California, to Regional Plant Introduction Station, Ames, Iowa. Code letters and numbers refer to California and Ames identifications respectively. Received April 10, 1976.

413009 and 413010. HELIANTHUS (hybrid) Asteraceae.

413009. H-234 (A-1621). *H. praecox* × *H. debilis*. Galveston, Texas. Growing on beach.

413010. H-265 (A-1627). *H. annuus* × *H. petiolaris*. Originally from Argentina.

413011 to 413170. HELIANTHUS ANNUUS L.

Sunflower.

- 413011. H-3 (A-1455). St. Louis, Missouri.
- 413012. H-4 (A-1456). Nebraska.
- 413013. H-15 (A-1459). Graton, South Dakota.
- 413014. H-16 (A-1460). Woonsocket, South Dakota.
- 413015. H-17 (A-1461). Spencer, South Dakota.
- 413016. H-18 (A-1462). Cody, Nebraska.
- 413017. H-19 (A-1463). Alva, Wyoming.
- 413018. H-20 (A-1464). New Castle, Wyoming.
- 413019. H-21 (A-1465). Lusk, Wyoming.
- 413020. H-22 (A-1466). Shawnee, Wyoming.
- 413021. H-23 (A-1467). Hawk Springs, Wyoming.
- 413022. H-24 (A-1468). Grover, Wyoming.
- 413023. H-25 (A-1469). Last Chance, Colorado.
- 413024. H-26 (A-1470). Limon, Colorado.
- 413025. H-27 (A-1471). Wild Horse, Colorado.
- 413026. H-28 (A-1472). Granda, Colorado.
- 413027. H-29 (A-1473). Syracuse, Kansas.

413009 to 413181 —Continued**413011 to 413170 —Continued**

- 413028.** H-30 (A-1474). Garden City, Kansas.
- 413029.** H-32 (A-1475). Lyons, Kansas.
- 413030.** H-33 (A-1476). Lincoln, Kansas.
- 413031.** H-34 (A-1477). Beloit, Kansas.
- 413032.** H-35 (A-1478). Jewell, Kansas.
- 413033.** H-36 (A-1479). Montrose, Kansas.
- 413034.** H-37 (A-1480). Hastings, Nebraska.
- 412035.** H-38 (A-1481). Kearney, Nebraska.
- 413036.** H-39 (A-1482). Overton, Nebraska.
- 413037.** H-41 (A-1483). Valentine, Nebraska.
- 413038.** H-42 (A-1484). Murdo, South Dakota.
- 413039.** H-43 (A-1485). Gettysburg, South Dakota.
- 413040.** H-44 (A-1486). Hagrie, North Dakota.
- 413041.** H-45 (A-1487). Sheldon, North Dakota.
- 413042.** H-46 (A-1488). Crete, North Dakota.
- 413043.** H-67 (A-1492). On Highway 9, 6 km west of Wikieup, Arizona.
- 413044.** H-69 (A-1493). On Highway 9, 6 km west of Wikieup, Arizona.
- 413045.** H-70 (A-1494). Three km east of Tehachapi, California.
- 413046.** H-71 (A-1495). North 0.8 km of Angiola, Arizona.
- 413047.** H-74 (A-1496). Five km southwest of Slough Bridge, California.
- 413048.** H-75 (A-1497). Junction of Paradise and Tuolumne Roads, California.
- 413049.** H-76 (A-1498). South of Gustine, 2 km east of Junction I-5 and 33, California.
- 413050.** H-77 (A-1499). West 2.5 km from Winters, California.
- 413051.** H-78 (A-1500). West 2 km from Winterhaven, California.
- 413052.** H-79 (A-1501). Corner of Dixie Street and State Route 58, California.
- 413053.** H-80 (A-1502). Nineteen km west of Barstow, California.
- 413054.** H-81 (A-1503). Boron, California.
- 413055.** H-82 (A-1504). Boron, California.
- 413056.** H-83 (A-1505). Boron, California.
- 413057.** H-84 (A-1506). East of Mojave Street and Route 58, California.
- 413058.** H-86 (A-1507). South 0.8 km from Helm, California.
- 413059.** H-87 (A-1508). North of Firebough, California.
- 413060.** H-88 (A-1509). Five km west of Los Banos, California.
- 413061.** H-89 (A-1510). Two km north of Antioch Bridge, California.
- 413062.** H-90 (A-1511). Liberty Island, California.
- 413063.** H-91 (A-1512). Liberty Island, California.
- 413064.** H-92 (A-1513). Liberty Island, California.
- 413065.** H-93 (A-1514). West of Stockton, California.
- 413066.** H-94 (A-1515). Mayo Ciudad Experiment Station, Obregon, Mexico.

413009 to 413181 — Continued**413011 to 413170 — Continued**

- 413067.** H-95 (A-1516). North of Espana, Mexico.
- 413068.** H-96 (A-1517). Two km south of Ciano, Mexico.
- 413069.** H-97 (A-1518). Two km south of Ciano, Mexico.
- 413070.** H-98 (A-1519). Twenty-two km northeast of Davis, California.
- 413071.** H-99 (A-1520). Thirty km northeast of Davis, California.
- 413072.** H-100 (A-1521). Nine km east of Swingle Beet Station, California.
- 413073.** H-101 (A-1522). Three km south of Bradbury Road, south of Turlock, California.
- 413074.** H-102 (A-1523). Three km south of Bradbury Road, south of Turlock, California.
- 413075.** H-103 (A-1524). On Highway 120, 19 km north of Escalon, California.
- 413076.** H-104 (A-1525). South 0.4 km from Slough, California.
- 413077.** H-106 (A-1526). Junction of Paradise and Tuolumne Roads, Modesto, California.
- 413078.** H-107 (A-1527). Junction of I-5 and 33, south of Gustine, California.
- 413079.** H-108 (A-1528). Two km east of Holtville, California.
- 413080.** H-109 (A-1529). Two km east of Holtville, California.
- 413081.** H-110 (A-1530). Three km west of Winterhaven, California.
- 413082.** H-111 (A-1531). Three km west of Winterhaven, California.
- 413083.** H-112 (A-1532). Two km west of Barstow, California.
- 413084.** H-113 (A-1533). Two km west of Barstow, California.
- 413085.** H-114 (A-1534). Two km west of Barstow, California.
- 413086.** H-115 (A-1535). Two km west of Barstow, California.
- 413087.** H-116 (A-1536). Two km west of Barstow, California.
- 413088.** H-117 (A-1537). Two km west of Barstow, California.
- 413089.** H-118 (A-1538). Two km west of Barstow, California.
- 413090.** H-119 (A-1539). Two km west of Barstow, California.
- 413091.** H-120 (A-1540). Corner of Boron Avenue and State Road 5, Boron, California.
- 413092.** H-121 (A-1541). Corner of Boron Avenue and State Road 5, Boron, California.
- 413093.** H-122 (A-1542). Corner of Boron Avenue and State Road 5, Boron, California.
- 413094.** H-123 (A-1543). Corner of Boron Avenue and State Road 5, Boron, California.
- 413095.** H-124 (A-1544). Corner of Boron Avenue and State Road 5, Boron, California.
- 413096.** H-125 (A-1545). Corner of Boron Avenue and State Road 5, Boron, California.
- 413097.** H-126 (A-1546). East 0.8 km from junction of State Roads 14 and 58, Mojave, California.

413009 to 413181 —Continued**413011 to 413170 —Continued**

- 413098.** H-127 (A-1547). East 0.8 km from junction of State Roads 14 and 58, Mojave, California.
- 413099.** H-128 (A-1548). East 0.8 km from junction of State Roads 14 and 58, Mojave, California.
- 413100.** H-130 (A-1549). South 0.8 km from Helm, California.
- 413101.** H-131 (A-1550). Five km west of Los Banos, California.
- 413102.** H-132 (A-1551). Two km north of Antioch Bridge, Antioch, California.
- 413103.** H-133 (A-1552). Liberty Island, California.
- 413104.** H-134 (A-1553). Liberty Island, California.
- 413105.** H-135 (A-1554). Liberty Island, California.
- 413106.** H-136 (A-1555). Liberty Island, California.
- 413107.** H-137 (A-1556). Liberty Island, California.
- 413108.** H-138 (A-1557). Liberty Island, California.
- 413109.** H-139 (A-1558). Liberty Island, California.
- 413110.** H-140 (A-1559). Liberty Island, California.
- 413111.** H-141 (A-1560). Liberty Island, California.
- 413112.** H-142 (A-1561). Liberty Island, California.
- 413113.** H-143 (A-1562). Liberty Island, California.
- 413114.** H-144 (A-1563). Liberty Island, California.
- 413115.** H-145 (A-1564). Liberty Island, California.
- 413116.** H-146 (A-1565). Liberty Island, California.
- 413117.** H-147 (A-1566). Four km east of Potato Slough, Rio Vista, California.
- 413118.** H-148 (A-1567). Four km east of Potato Slough, Rio Vista, California.
- 413119.** H-149 (A-1568). Four km east of Potato Slough, Rio Vista, California.
- 413120.** H-150 (A-1569). West of Stockton, California.
- 413121.** H-151 (A-1570). Mayo Experiment Station, Mayo, Mexico.
- 413122.** H-152 (A-1571). Mayo Experiment Station, Mayo, Mexico.
- 413123.** H-153 (A-1572). Mayo Experiment Station, Mayo, Mexico.
- 413124.** H-154 (A-1573). North of Espana, Mexico.
- 413125.** H-155 (A-1574). South of Ciano, Mexico.
- 413126.** H-156 (A-1575). Highway 113 and Gibson Road, Woodland, California.
- 413127.** H-157 (A-1576). Highway 113 and Gibson Road, Woodland, California.
- 413128.** H-158 (A-1577). Highway 113 and Gibson Road, Woodland, California.
- 413129.** H-159 (A-1578). Highway 113 and Gibson Road, Woodland, California.

413009 to 413181 —Continued**413011 to 413170 —Continued**

- 413130.** H-160 (A-1579). Highway 113 and Gibson Road, Woodland, California.
- 413131.** H-161 (A-1580). East 0.4 km from Frenchy's, Woodland, California.
- 413132.** H-162 (A-1581). East 0.4 km from Frenchy's, Woodland, California.
- 413133.** H-163 (A-1582). East 0.4 km from Frenchy's, Woodland, California.
- 413134.** H-164 (A-1583). East 0.4 km from Frenchy's, Woodland, California.
- 413135.** H-165 (A-1584). East 0.4 km from Frenchy's, Woodland, California.
- 413136.** H-166 (A-1585). East 0.4 km from Frenchy's, Woodland, California.
- 413137.** H-167 (A-1586). East 0.4 km from Frenchy's, Woodland, California.
- 413138.** H-168 (A-1587). East 0.4 km from Frenchy's, Woodland, California.
- 413139.** H-169 (A-1588). Junction of Roads 103 and 25, Davis, California.
- 413140.** H-170 (A-1589). Junction of Roads 103 and 25, Davis, California.
- 413141.** H-171 (A-1590). Junction of Roads 103 and 25, Davis, California.
- 413142.** H-172 (A-1591). Thirty km on River Road, Sacramento, California.
- 413143.** H-173 (A-1592). Thirty km on River Road, Sacramento, California.
- 413144.** H-174 (A-1593). Thirty km on River Road, Sacramento, California.
- 413145.** H-175 (A-1594). Thirty km on River Road, Sacramento, California.
- 413146.** H-176 (A-1595). Thirty km on River Road, Sacramento, California.
- 413147.** H-177 (A-1596). Thirty km on River Road, Sacramento, California.
- 413148.** H-178 (A-1597). On old Highway 40, 9 km east of Swingle Beet Station, Davis, California.
- 413149.** H-179 (A-1598). On old Highway 40, 9 km east of Swingle Beet Station, Davis, California.
- 413150.** H-180 (A-1599). On J 17, 0.3 km south of Bradbury Road, Turlock, California.
- 413151.** H-181 (A-1600). On Highway 120, 1.6 km north of Escalon, Arizona.
- 413152.** H-182 (A-1601). On Highway 120, 1.6 km north of Escalon, Arizona.
- 413153.** H-187 (A-1602). On I-10, 2 km west of Benson, Arizona.
- 413154.** H-188 (A-1603). Fourteen km west of Wilcox, Arizona.
- 413155.** H-189 (A-1604). Fourteen km west of Wilcox, Arizona.
- 413156.** H-190 (A-1605). Forty-two km east of Lordsburg, New Mexico.
- 413157.** H-191 (A-1606). Forty-two km east of Lordsburg, New Mexico.
- 413158.** H-192 (A-1607). Forty-two km east of Lordsburg, New Mexico.
- 413159.** H-193 (A-1608). Off Highway 10, at edge of Mesilla, near Las Cruces, New Mexico.

413009 to 413181 —Continued

413011 to 413170 —Continued

- 413160.** H-202 (A-1609). East edge of Van Horn, Texas.
- 413161.** H-204 (A-1610). Turnoff at Kent, Texas.
- 413162.** H-205 (A-1611). Eighteen km east of Balmorhea, Texas.
- 413163.** H-206 (A-1612). Forty-eight km east of Balmorhea, Texas.
- 413164.** H-207 (A-1613). Fifty-eight km east of Balmorhea, Texas.
- 413165.** H-208 (A-1614). Sixty-four km east of Balmorhea, Texas.
- 413166.** H-209 (A-1615). On I-10, west edge of Ft. Stockton, Texas.
- 413167.** H-210 (A-1616). On I-10, west of Ft. Stockton, Texas.
- 413168.** H-215 (A-1617). East edge of Sonora, Texas.
- 413169.** H-216 (A-1618). On I-10, 6 km east of Sonora, Texas.
- 413170.** H-258 (A-1623). Highway 166, west of Cedarvale, Kansas.
- 413171.** *HELIANTHUS ARGOPHYLLUS* Torr. & Gray **Silverleaf sunflower.**
H-6 (A-1457). Texas.
- 413172.** *HELIANTHUS HIRSUTUS* Raf. **Sunflower.**
H-10 (A-1458). Indiana.
- 413173.** *HELIANTHUS RIGIDUS* (Cass.) Desf. **Prairie sunflower.**
H-48 (A-1489). Crookston, Nebraska.
- 413174 and 413175.** *HELIANTHUS PETIOLARIS* Nutt. **Sunflower.**
- 413174.** H-53 (A-1490). Basset, Nebraska.
- 413175.** H-61 (A-1491). Spencer, Nebraska.
- 413176.** *HELIANTHUS PRAECOX* Engelm.
H-235 (A-1622). On Texas State Highway 87, 21 km from ferry.
- 413177.** *HELIANTHUS* sp.
H-220 (A-1619). Near Seguin, 6 km north on Highway 123 from Highway I-10, Texas.
- 413178.** *HELIANTHUS* sp.
H-233 (A-1620). Houston, Texas. Growing across street from main gate of the Astrodome.
- 413179.** *HELIANTHUS* sp.
H-261 (A-1624). On I-40, near Running Indian Store, Grants, New Mexico.
- 413180.** *HELIANTHUS* sp.
H-262 (A-1625). Highway 40, west edge of Winslow, Arizona.
- 413181.** *HELIANTHUS* sp.
H-263 (A-1626). Highway 66 and I-40, west edge of Seligman, Arizona.
- 413182 and 413183.** *ORYZA SATIVA* L. **Poaceae. Rice.**
From Korea. Seed presented by M. D. Davis, Crop Improvement Research Center, Suweon. Received July 30, 1976.
- 413182.** 'Mo Do'. Gold hull.
- 413183.** 'Nongbaek'.
- 413184 and 413185.**
From South Africa. Seed collected May 1976 by P. McCabe, St. 'Olives', Graaff Reinet, Cape Province. Numbered August 30, 1976.

413184 and 413185—Continued

413184. CENCHRUS CILIARIS L. Poaceae. **Buffelgrass.**
Farm St. 'Olives', Graaff Reinet, Cape Province. Elevation 1,303 m.

413185. DIGITARIA ERIANTHA Steud. Poaceae.
Farm St. 'Olives', Graaff Reinet, Cape Province. Elevation 1,727 m.

413186. HEMARTHRIA ALTISSIMA (Poir.) Stapf & C. E. Hubb.
Poaceae.

From Mauritius. Cuttings presented March 1976 by Azad M. Osman, University of Mauritius, Reduit. Numbered August 31, 1976.

Muddy, acid soil in ditches by roadside of sugarcane field, foot slopes of Lion Mountain.

413187 to 413213. PSOPHOCARPUS TETRAGONOLOBUS (L.) DC.
Fabaceae. **Goa bean.**

From Papua New Guinea. Seed grown at Aiyura Experiment Station and presented by T. N. Khan, University of Papua New Guinea, Port Moresby. Code letters UPS refer to "University *Psophocarpus*". Received June 8, 1976.

413187. UPS-2.	413201. UPS-67.
413188. UPS-30.	413202. UPS-71.
413189. UPS-31.	413203. UPS-78.
413190. UPS-32.	413204. UPS-80.
413191. UPS-33.	413205. UPS-81.
413192. UPS-34.	413206. UPS-89.
413193. UPS-45.	413207. UPS-99.
413194. UPS-46.	413208. UPS-102.
413195. UPS-47.	413209. UPS-103.
413196. UPS-51.	413210. UPS-111.
413197. UPS-59.	413211. UPS-113.
413198. UPS-60.	413212. UPS-115.
413199. UPS-61.	413213. UPS-121.
413200. UPS-62.	

413214 to 413216. PSOPHOCARPUS TETRAGONOLOBUS (L.)
DC. Fabaceae. **Goa bean.**

From Indonesia. Seed presented by Director, Botanic Gardens of Indonesia, Bogor. Received September 7, 1976.

413214. 867A.
413215. 908.
413216. 909.

413217 and 413218. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From Indonesia. Seed presented by F. Rumawas, Bogor Agricultural University, Bogor, through Seed Exchange Service, Plant Production and Protection Division, Food and Agriculture Organization, Rome, Italy. Received August 18, 1976.

413217. FAO 41.771. 'Gayah No. 61'.
413218. FAO 41.772. 'Kidang No. 86'.

413219. CENCHRUS CILIARIS L. Poaceae. Buffelgrass.

From South Africa. Seed collected by S. Brooks, Hluhluwe Game Reserve, Natal. Received August 3, 1976.

Opposite Tshenteka on the White Umfolozi River, Umfolozi Game Reserve, Natal.

413220. ERAGROSTIS CURVULA var. CONFERTA Nees Poaceae. Lovegrass.

From South Africa. Seed collected February-April 1976 by A. J. Oakes, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland and E. C. Bashaw, Soil and Crop Sciences Department, Texas A & M University, College Station, Texas. Numbered August 31, 1976.

2118. Eight km west of Middelburg, Cape Province. Wild.

413221 to 413231. VIGNA RADIATA (L.) Wilczek var. RADIATA Fabaceae. Mungbean.

From India. Seed presented to J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri and reproduced in 1975. Numbered June 28, 1976.

413221. M44. 'Mung Yellow-3'. Nayagarh.

413222. M48. 'Augul 3-6 (B)'. Nayagarh.

413223. M486. 'Pusa Baisakhi'. Bhubaneswar. Dwarf mutation.

413224. M544. Khurda, Orissa. Collected in market, 1972.

413225. M1980. Taiwan Accession 1779.

413226. M1982. Taiwan Accession 2598.

413227. M2010. Taiwan Accessions 1976 M90.

413228. M2014. Taiwan Accession 2717.

413229. M2020. Taiwan Accession 2721.

413230. M2071. 'Varsha H70-16'. Haryana Agricultural University, Hissar.

413231. M2072. 'S-8'. Indian Agricultural Research Institute, New Delhi.

413232 to 413295. VIGNA RADIATA (L.) Wilczek var. RADIATA Fabaceae. Mungbean.

From United States. Seed presented by J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri and reproduced in 1975. Numbered June 28, 1976.

413232. M75. Kiloga, OSU #1. Stillwater, Oklahoma.

413233. M76. Okla. 12, OSU #3. Stillwater, Oklahoma.

413234. M77. OAEM 56 Comp 3, OSU #6. Stillwater, Oklahoma.

413235. M78. Jumbo, OSU # 46. Stillwater, Oklahoma.

413236. M81. EB6, OSU #51. Stillwater, Oklahoma.

413237. M95. OAEM 58-1, OSU #151. Stillwater, Oklahoma.

413238. M98. OAEM 56-4, OSU # 349. Stillwater, Oklahoma.

413239. M99. OAEM 59-6, OSU #660. Stillwater, Oklahoma.

413240. M121. OAEM 58-62, OSU #212. Stillwater, Oklahoma.

413241. M122. OAEM 58-70, OSU #220. Stillwater, Oklahoma.

413242. M1062. Sel. MX7-4 from cross M304 × M277. Columbia, Missouri.

413243. M1125. Sel. Cross MX1-3, M317 × M304. Columbia, Missouri.

413244. M1126. Sel. Cross MX5-3-B, M304 × M299. Columbia, Missouri.

413232 to 413295 —Continued

- 413245.** M1129. Sel. Cross MX 7-3-F, M304 × M277. Columbia, Missouri.
413246. M1132. 'Lincoln'. Stillwater, Oklahoma.
413247. M1133. M-966-71-10. Stillwater, Oklahoma.
413248. M1134. M-967-71-15. Stillwater, Oklahoma.
413249. M1135. M-967-71-22. Stillwater Oklahoma.
413250. M1136. M-968-71-1. Stillwater, Oklahoma.
413251. M2025. Sel. MX1-1 from cross M317 × M304. Columbia, Missouri.
413252. M2026. Sel. MX1-2 from cross M317 × M304. Columbia, Missouri.
413253. M2027. Sel. MX1-3 from cross M317 × M304. Columbia, Missouri.
413254. M2028. Sel. MX1-4 from cross M317 × M304. Columbia, Missouri.
413255. M2029. Sel. MX3-1 from cross M317 × M101. Columbia, Missouri.
413256. M2030. Sel. MX4-5 from cross M317 × M277. Columbia, Missouri.
413257. M2031. Sel. MX4-6 from cross M317 × M277. Columbia, Missouri.
413258. M2032. Sel. MX4-7 from cross M317 × M277. Columbia, Missouri.
413259. M2033. Sel. MX6-1 from cross M304 × M101. Columbia, Missouri.
413260. M2034. Sel. MX7-1 from cross M304 × M277. Columbia, Missouri.
413261. M2035. Sel. MX7-8 from cross M304 × M277. Columbia, Missouri.
413262. M2036. Sel. MX10-1 from cross M299 × M277. Columbia, Missouri.
413263. M2037. Sel. MX10-2 from cross M299 × M277. Columbia, Missouri.
413264. M2038. Sel. MX10-3 from cross M299 × M277. Columbia, Missouri.
413265. M2039. Sel. MX18-1 from cross M101 × M90. Columbia, Missouri.
413266. M2040. Sel. MX18-2 from cross M101 × M90. Columbia, Missouri.
413267. M2041. Sel. MX18-3 from cross M101 × M90. Columbia, Missouri.
413268. M2042. Sel. MX18-5 from cross M101 × M90. Columbia, Missouri.
413269. M2043. Sel. MX18-6 from cross M101 × M90. Columbia, Missouri.
413270. M2044. Sel. MX19-1 from cross M118 × M101. Columbia, Missouri.
413271. M2045. Sel. MX19-2 from cross M118 × M101. Columbia, Missouri.
413272. M2046. Sel. MX19-3 from cross M118 × M101. Columbia, Missouri.
413273. M2047. Sel. MX19-5 from cross M118 × M101. Columbia, Missouri.
413274. M2048. Sel. MX19-6 from cross M118 × M101. Columbia, Missouri.
413275. M2049. Sel. MX19-7 from cross M118 × M101. Columbia, Missouri.
413276. M2051. Sel. MX21-2 from cross M203 × M232. Columbia, Missouri.
413277. M2052. Sel. MX24-1 from cross M234 × M90. Columbia, Missouri.
413278. M2053. Sel. MX24-2 from cross M234 × M90. Columbia, Missouri.
413279. M2054. Sel. MX24-3 from cross M234 × M90. Columbia, Missouri.
413280. M2055. Sel. MX24-4 from cross M234 × M90. Columbia, Missouri.
413281. M2056. Sel. MX24-5 from cross M234 × M90. Columbia, Missouri.
413282. M2057. Sel. MX24-6 from cross M234 × M90. Columbia, Missouri.
413283. M2058. Sel. MX24-7 from cross M234 × M90. Columbia, Missouri.
413284. M2059. Sel. MX26-1 from cross M232 × M101. Columbia, Missouri.
413285. M2060. Sel. MX26-2 from cross M232 × M101. Columbia, Missouri.
413286. M2061. Sel. MX20-1 from cross M203 × M118. Columbia, Missouri.
413287. M2062. Sel. MX20-2 from cross M203 × M118. Columbia, Missouri.

413232 to 413295 —Continued

413288. M2063. Sel. MX33-1 from cross M25 × M101. Columbia, Missouri.
 413289. M2064. Sel. MX33-2 from cross M25 × M101. Columbia, Missouri.
 413290. M2065. Sel. MX34-1 from cross M25 × M118. Columbia, Missouri.
 413291. M2066. Sel. MX35-1 from cross M38 × M101. Columbia, Missouri.
 413292. M2067. Sel. MX36-1 from cross M38 × M118. Columbia, Missouri.
 413293. M2068. Sel. MX38-1 from cross M47 × M118. Columbia, Missouri.
 413294. M2070. OSU 967-71-17. Stillwater, Oklahoma.
 413295. M2073. Paradise, Pennsylvania.

**413296 and 413297. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Korea. Seed presented to J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri and reproduced in 1975. Numbered June 28, 1976.

413296. M124. Seoul. Collected in market 1971.
 413297. M1973. Suwon market.

**413298 to 413305. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Australia. Seed presented to J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri and reproduced in 1975. Numbered June 28, 1976.

413298. M1078. C.P.I. 10591. St. Lucia, Queensland.
 413299. M1080. C.P.I. 10594. St. Lucia, Queensland.
 413300. M1082. C.P.I. 10596. St. Lucia, Queensland.
 413301. M1083. C.P.I. 10597. St. Lucia, Queensland.
 413302. M1084. C.P.I. 10598. St. Lucia, Queensland.
 413303. M1085. C.P.I. 10599. St. Lucia, Queensland.
 413304. M1086. C.P.I. 10600. St. Lucia, Queensland.
 413305. M1087. C.P.I. 10601. St. Lucia, Queensland.

**413306 to 413314. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Philippines. Seed presented to J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri, and reproduced in 1975. Numbered June 28, 1976.

413306. M1089. UPLB #369. Los Banos.
 413307. M1090. UPLB #397. Los Banos.
 413308. M1095. UPLB #413. Los Banos.
 413309. M1097. UPLB #415. Los Banos.
 413310. M1108. UPLB #426. Los Banos.
 413311. M1121. UPLB #444. Los Banos.
 413312. M1122. UPLB #446. Los Banos.
 413313. M1971. Mungo MS 378-22.
 413314. M1972. EG MG 170-2.

**413315 to 413361. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Philippines. Seed presented by Richard Harwood, International Rice Research Institute, Los Banos and reproduced in 1975 by J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri. Numbered June 28, 1976.

- 413315. M1247. NP-10. IRR1 4-73-117. India.
- 413316. M1248. NP-12. IRR1 4-73-332. India.
- 413317. M1249. NP-35. IRR1 4-73-389. India.
- 413318. M1256. 15053. IRR1 4-73-140. Turkey.
- 413319. M1278. Coimbatore 1. IRR1-4-73-403. India.
- 413320. M1284. M-658. IRR1-4-73-399. United States.
- 413321. M1286. M-320. IRR1-4-73-353. United States.
- 413322. M1287. P-393. IRR1-4-73-349. Orissa, India. Bulk selection.
- 413323. M1292. P411. IRR1-4-73-72. Andhra Pradesh, India.
- 413324. M1302. EC 2227-11. IRR1-4-73-174. United States.
- 413325. M1303. EC 2971-P3. IRR1-4-73-175. United States.
- 413326. M1304. Chuaia-Kong-Mung-lai Tong. IRR1-4-73-172.
- 413327. M1307. P.I. 213012. IRR1-4-73-411. India.
- 413328. M1322. M41 (Ph). IRR1-4-73-162.
- 413329. M1326. M108. IRR1-4-73-167. United States.
- 413330. M1329. M156 (Kulu). IRR1-4-73-62. United States.
- 413331. M1333. Kulu Local. IRR1-4-73-182. India.
- 413332. M1334. Ph 294. IRR1-4-73-30.
- 413333. M1337. RS 37. IRR1-4-73-290. India.
- 413334. M1339. D-2-15. IRR1-4-73-220. India.
- 413335. M1340. Hybrid 4. IRR1-4-73-254. India.
- 413336. M1348. No. 50. IRR1-4-73-247. India.
- 413337. M1349. 35-A. IRR1-4-73-198. India.
- 413338. M1350. Early Erect. IRR1-4-73-196. India.
- 413339. M1353. MC 93. IR 4-73-278. India.
- 413340. M1362. 14-A-1-11. IRR1-4-73-210. India.
- 413341. M1363. JB-5-36-B. IRR1-4-73-275. India.
- 413342. M1364. P 572. IRR1-4-73-321. India.
- 413343. M1368. P 414 A2. IRR1-4-73-306. India.
- 413344. M1369. P 601-1-1-2. IRR1-4-73-282. India.
- 413345. M1370. P 2-1. IRR1-4-73-311. India.
- 413346. M1371. 212. IRR1-4-73-312. India.
- 413347. M1375. G-20. IRR1-4-73-11. India.
- 413348. M1378. S M-1. IRR1-4-73-305. India.
- 413349. M1383. Ph-24. IRR1-4-73-280. India.
- 413350. M1384. Ph-74 IRR1-4-73-261. India.
- 413351. M1385. Ph 801. IRR1-4-73-286. India.
- 413352. M1386. Ph 89. IRR1-4-73-276. India.

413315 to 413361 —Continued

413353. M1392. Ph 446. IRRI-4-73-320. India.
 413354. M1393. Ph 524. IRRI-4-73-277. India.
 413355. M1395. Ph 629 B. IRRI-4-73-266. India.
 413356. M1397. Ph 752. IRRI-4-73-264. India.
 413357. M1401. 10045. IRRI-4-73-370. India.
 413358. M1403. 10104. IRRI-4-73-195. India.
 413359. M1407. 10171. IRRI-4-73-4. India.
 413360. M1408. 10203. IRRI-4-73-81. India.
 413361. M1460. ML-43. IRRI-4-73-294. Ludhiana, India.

**413362 to 413364. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Peru. Seed presented by J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri, and reproduced in 1975. Numbered June 28, 1976.

413362. M1065. Loc Tac. Peru. Local variety.
 413363. M1130. Local from CAP (Coop) Talla. Guadalupe. 1974.
 413364. M1131. Local from CAP (Coop) Talambo. Chepen. 1974.

**413365 and 413366. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Papua New Guinea. Seed presented by J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri, and reproduced in 1975. Numbered June 28, 1976.

413365. M1137. UPH-23. University of Papua.
 413366. M1139. UPH-31. University of Papua.

**413367 to 413466. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.**

From Thailand. Seed collected by V. C. Finkner and Earl Watt, University of Kentucky Contract Team, Northeast Research Center, Khon Kaen, and reproduced 1975 by J. M. Poehlman, Department of Agronomy, University of Missouri, Columbia, Missouri. Numbered June 28, 1976.

413367. M1140. 1. Korat, Korat Province.
 413368. M1141. 4. Phi Mi, Korat Province.
 413369. M1142. 5. Phi Mi, Korat Province.
 413370. M1143. 8. Sikhiv, Korat Province.
 413371. M1144. 9. Sikhiv, Korat Province.
 413372. M1145. 10. Pak Chong, Korat Province.
 413373. M1146. 13. Farmhouse, Sara Buri Province.
 413374. M1147. 14. Lum Na Pai, Sara Buri Province.
 413375. M1148. 15. Lum Na Pai, Sara Buri Province.
 413376. M1149. 16. Lum Na Pai, Sara Buri Province.
 413377. M1150. 17. Wichbain Buri, Phetchaban Province.
 413378. M1151. 18. Wichbain Buri, Phetchaban Province.
 413379. M1152. 20. Pu Fuey, Phetchaban Province.

413367 to 413466 —Continued

- 413380. M1153. 21. Nong Phai, Phetchaban Province.
- 413381. M1154. 22. Nong Phai, Phetchaban Province.
- 413382. M1155. 23. Nong Phai, Phetchaban Province.
- 413383. M1156. 24. Wang Chom Poo, Phetchaban Province.
- 413384. M1157. 25. Farmhouse, Phetchaban Province.
- 413385. M1158. 27. Ban Sub Pri Won, Phitsanulok Province.
- 413386. M1159. 28. Ban Sub Pri Won, Phitsanulok Province.
- 413387. M1160. 29. Ban Sub Pri Won, Phitsanulok Province.
- 413388. M1161. 30. Ban Sub Pri Won, Phitsanulok Province.
- 413389. M1162. 32. Nai Muang, Phitsanulok Province.
- 413390. M1163. 33. Kong Krai Lat, Sukhothai Province.
- 413391. M1164. 34. Kong Krai Lat, Sukhothai Province.
- 413392. M1165. 35. Nai Muang, Sukhothai Province.
- 413393. M1166. 36. Mae Sot, Tak Province.
- 413394. M1167. 37. Tak, Tak Province.
- 413395. M1168. 38. Sop Prap, Lampang Province.
- 413396. M1169. 39. Chiang Mai, Chiang Mai Province.
- 413397. M1172. 42. Ban Mae Prik, Lampang Province.
- 413398. M1173. 43. Tak Ahk, Tak Province.
- 413399. M1174. 44. Ban Vangka Chai, Tak Province.
- 413400. M1176. 46. Kamphang, Phet Province.
- 413401. M1177. 49. Ban Tanon Nawk, Kamphang, Phet Province.
- 413402. M1178. 50. Ban Tanon Nawk, Kamphang, Phet Province.
- 413403. M1180. 52. Ban Nong Ben, Nakorn Sawan Province.
- 413404. M1181. 53. Ban Hau Dan, Nakorn Sawan Province.
- 413405. M1182. 54. Ban Hau Dan, Nakorn Sawan Province.
- 413406. M1183. 55. Ban Hau Dan, Nakorn Sawan Province.
- 413407. M1184. 56. Takhli, Nakorn Sawan Province.
- 413408. M1185. 57. Takhli, Nakorn Sawan Province.
- 413409. M1186. 58. Ban Lamphayon, Nakorn Sawan Province.
- 413410. M1187. 59. Ban Lamphayon, Nakorn Sawan Province.
- 413411. M1188. 60. Knong Muang, Lop Buri Province.
- 413412. M1189. 61. Khok Sampone, Lop Buri Province.
- 413413. M1190. 62. Ban Phaniat, Lop Buri Province.
- 413414. M1191. 63. Ban Jongoo, Lop Buri Province.
- 413415. M1192. 64. Huay Yai Jin, Chaiyaphum Province.
- 413416. M1193. 65. Huay Yai Jin, Chaiyaphum Province.
- 413417. M1194. 66. Huay Yai Jin, Chaiyaphum Province.
- 413418. M1195. 123. Ban Phai, Khon Kaen Province.
- 413419. M1196. 124. Mawng Meg, Khon Kaen Province.
- 413420. M1197. 125. Ban Dong Keng, Korat Province.
- 413421. M1198. 126. Kong Mong, Khon Kaen Province.
- 413422. M1199. 130. Na Kan Levang, Khon Kaen Province.

413367 to 413466 —Continued

413423. M1200. 131. Nong Ta Kai, Khon Kaen Province.
413424. M1201. 132. Chumpae, Khon Kaen Province.
413425. M1202. 133. Chumpae, Khon Kaen Province.
413426. M1203. 134. Ban Han, Khon Kaen Province.
413427. M1204. 135. Ban Nong, Hin Loei Province.
413428. M1205. 137. Ban Nalak, Hin Loei Province.
413429. M1206. 138. Kudpong, Hin Loei Province.
413430. M1208. 139. Nong Bua, Hin Loei Province.
413431. M1209. 143. Lom Kad, Phetchabun Province.
413432. M1210. 144. Lom Kad, Phetchabun Province.
413433. M1211. 145. Lom Sak, Phetchabun Province.
413434. M1212. 146. Lom Sak, Phetchabun Province.
413435. M1213. 147. Klongtarn, Sukhuthai Province.
413436. M1214. 148. Klongtarn, Sukhuthai Province.
413437. M1215. 149. Klongtarn, Sukhuthai Province.
413438. M1216. 150. Naivieng, Phrae Province.
413439. M1217. 151. Naivieng, Phrae Province.
413440. M1218. 152. Naivieng, Phrae Province.
413441. M1219. 153. Song, Phrae Province.
413442. M1220. 154. Ngao, Lampang Province.
413443. M1221. 155. Ngao, Lampang Province.
413444. M1222. 156. Lampang, Lampang Province.
413445. M1223. 157. Lampang, Lampang Province.
413446. M1224. 158. Lampang, Lampang Province.
413447. M1226. 160. Lampang, Lampang Province.
413448. M1227. 161. Lampang, Lampang Province.
413449. M1228. 162. Koy Songnag, Sukhuthai Province.
413450. M1229. 163. Hard Siew, Sukhuthai Province.
413451. M1230. 164. Ban Suanthai, Sukhuthai Province.
413452. M1231. 165. Wattayoh, Phitsanulok Province.
413453. M1232. 167. Phichit, Phichit Province.
413454. M1233. 168. Phichit, Phichit Province.
413455. M1234. 169. Wung Sryphun, Phichit Province.
413456. M1236. 172. Wung Sryphun, Phichit Province.
413457. M1237. 174. Khasory, Phichit Province.
413458. M1238. 175. Khasory, Phichit Province.
413459. M1239. 177. Dongkuy, Phetchabun Province.
413460. M1240. 178. Chen Daen, Phetchabun Province.
413461. M1241. 179. Chon Daen, Phetchabun Province.
413462. M1242. 181. Wungchompoo, Phetchabun Province.
413463. M1243. 182. Sapra, Korat Province.
413464. M1244. 183. Sapra, Korat Province.
413465. M1245. 184. Kokesawai, Korat Province.

413367 to 413466 —Continued

413466. M1246. 185. Non Thai, Korat Province.

413467 to 413611. VIGNA RADIATA (L.) Wilczek var. RADIATA
Fabaceae. Mungbean.

From Taiwan. Seed presented to J. M. Poehlman Department of Agronomy, University of Missouri, Columbia, Missouri, and reproduced in 1975. Numbered June 28, 1976.

- 413467.** M1472. AVRDC 1012. 'Chieng Mai 8'. Thailand.
413468. M1473. AVRDC 1013. 'Chieng Mai 9'. Thailand.
413469. M1474. AVRDC 1014. 'Chieng Mai 10'. Thailand.
413470. M1487. AVRDC 1027. 'Chieng Mai 23'. Thailand.
413471. M1491. AVRDC 1031. Thailand.
413472. M1492. AVRDC 1032. Thailand.
413473. M1554. AVRDC 2026. 'Barsati 1-24'. India.
413474. M1558. AVRDC 2031. 'Bada'. India.
413475. M1561. AVRDC 2037. 'G 65'. India.
413476. M1581. AVRDC 1438. Stg. No. 7/11 Katjangiundjo. Indonesia.
413477. M1585. AVRDC 1461. No. 73 S.P. Indonesia.
413478. M1587. AVRDC 1469. St B No. 115 Mung 54. Indonesia.
413479. M1589. AVRDC 1473. 123 Phradiatua. Indonesia.
413480. M1590. AVRDC 1474. 124 Phradiatus. Indonesia.
413481. M1591. AVRDC 1476. St B No. 129 Vjjinei 16. Indonesia.
413482. M1604. AVRDC 2056. Bogor No. 10. Indonesia.
413483. M1607. AVRDC 2059. DJK 2. Indonesia.
413484. M1608. AVRDC 2060. DJK 3. Indonesia.
413485. M1611. AVRDC 1054. Hong Kong.
413486. M1621. AVRDC 1064. Hong Kong.
413487. M1622. AVRDC 1321. TN-B-4. Taiwan.
413488. M1623. AVRDC 1322. TN-B-16. Taiwan.
413489. M1624. AVRDC 1323. TN-B-19. Taiwan.
413490. M1625. AVRDC 1324. TN-B-21. Taiwan.
413491. M1626. AVRDC 1325. TN-B-22. Taiwan.
413492. M1627. AVRDC 1326. CY-B-2. Taiwan.
413493. M1628. AVRDC 1327. CY-B-6. Taiwan.
413494. M1629. AVRDC 1328. CY-B-7. Taiwan.
413495. M1630. AVRDC 1329. CY-B-8. Taiwan.
413496. M1631. AVRDC 1330. 'Vang Lang Khanh'. Taiwan.
413497. M1632. AVRDC 1331. PT 18. Taiwan.
413498. M1633. AVRDC 1332. 'Mo Anging'. Taiwan.
413499. M1634. AVRDC 1333. 'Yauh Ninh Tuan'. Taiwan.
413500. M1636. AVRDC 1335. 'Mo Tay Ninh'. Taiwan.
413501. M1638. AVRDC 1337. Yh-B-4. Taiwan.

413467 to 413611 —Continued

- 413502.** M1639. AVRDC 1338. KS-B-1. Taiwan.
413503. M1640. AVRDC 1339. 'Hong Shan'. Taiwan.
413504. M1642. AVRDC 1342. Taiwan. Native.
413505. M1643. AVRDC 1341. Taiwan.
413506. M1645. AVRDC 2013. TN-1. Taiwan.
413507. M1653. AVRDC 1066. Philippines.
413508. M1662. AVRDC 1076. Philippines.
413509. M1665. AVRDC 1079. Philippines.
413510. M1666. AVRDC 1080. Philippines.
413511. M1677. AVRDC 1091. Philippines.
413512. M1683. AVRDC 1375. CES-87. Philippines.
413513. M1688. AVRDC 1389. Philippines.
413514. M1689. AVRDC 1397. Philippines.
413515. M1690. AVRDC 1402. Local No. 169. Philippines.
413516. M1693. AVRDC 1406. OSU M728.
413517. M1697. AVRDC 1419. Local No. 13. Philippines.
413518. M1704. AVRDC 1430. Collection 3. Philippines.
413519. M1705. AVRDC 1431. Collection 14. Philippines.
413520. M1706. AVRDC 1946. Philippines.
413521. M1707. AVRDC 1947. CES-44. Philippines.
413522. M1708. AVRDC 1948. 87-17. Philippines.
413523. M1709. AVRDC 1949. P.B. Philippines.
413524. M1710. AVRDC 1950. India #3.
413525. M1712. AVRDC 2310. Philippines.
413526. M1713. AVRDC 2311. Philippines.
413527. M1715. AVRDC 2313. Philippines.
413528. M1716. AVRDC 2314. Philippines.
413529. M1717. AVRDC 2315. Philippines.
413530. M1718. AVRDC 2316. Philippines.
413531. M1719. AVRDC 2317. Philippines.
413532. M1722. AVRDC 2320. Philippines.
413533. M1725. AVRDC 2323. Philippines.
413534. M1728. AVRDC 1392. Philippines.
413535. M1733. AVRDC 2174. Philippines.
413536. M1734. AVRDC 1067. Philippines.
413537. M1737. AVRDC 2179. Local variety 13. Philippines.
413538. M1738. AVRDC 2182. Local variety 16. Philippines.
413539. M1739. AVRDC 2184. Local variety 18. Philippines.
413540. M1740. AVRDC 2185. Local variety 19. Philippines.
413541. M1741. AVRDC 2186. Local variety 20. Philippines.
413542. M1742. AVRDC 2188. OSU M55-1. United State.
413543. M1743. AVRDC 2189. OSU M-7. United States.
413544. M1744. AVRDC 2191. M-651. United States.

413467 to 413611 —Continued

- 413545.** M1745. AVRDC 2193. M-728. United States.
413546. M1747. AVRDC 2195. UC. United States.
413547. M1760. AVRDC 2211. Local variety 16Y. Philippines.
413548. M1761. AVRDC 2213. Local variety 172. Philippines.
413549. M1767. AVRDC 2219. MG 61-2. Philippines.
413550. M1768. AVRDC 2220. PARC Local 185. Philippines.
413551. M1772. AVRDC 2224. Local variety 189. Philippines.
413552. M1775. AVRDC 2228. 'Dav Vang Long Khanh'. Philippines.
413553. M1779. AVRDC 2232. 'Dau Mocphove tuy'. Philippines.
413554. M1796. AVRDC 1066. Philippines.
413555. M1797. AVRDC 2279. ML-12. India.
413556. M1799. AVRDC 2281. ML-14. India.
413557. M1800. AVRDC 2282. ML-16. India.
413558. M1805. AVRDC 2291. Philippines.
413559. M1806. AVRDC 2292. Philippines.
413560. M1808. AVRDC 2294. Philippines.
413561. M1810. AVRDC 2296. Philippines.
413562. M1811. AVRDC 2297. Philippines.
413563. M1812. AVRDC 2298. Philippines.
413564. M1813. AVRDC 2299. Philippines.
413565. M1814. AVRDC 2300. Philippines.
413566. M1815. AVRDC 2301. Philippines.
413567. M1817. AVRDC 2303. Philippines.
413568. M1818. AVRDC 2304. Philippines.
413569. M1819. AVRDC 2305. Philippines.
413570. M1820. AVRDC 2306. Philippines.
413571. M1821. AVRDC 2307. Philippines.
413572. M1822. AVRDC 2308. Philippines.
413573. M1823. AVRDC 2309. Philippines.
413574. M1824. AVRDC 2325. Philippines.
413575. M1826. AVRDC 2327. Philippines.
413576. M1827. AVRDC 2328. Philippines.
413577. M1830. AVRDC 2331. Philippines.
413578. M1831. AVRDC 2332. Philippines.
413579. M1832. AVRDC 2333. Philippines.
413580. M1834. AVRDC 2336. Accession 1412. Philippines.
413581. M1843. AVRDC 2062. Guam.
413582. M1845. AVRDC 2064. Guam.
413583. M1846. AVRDC 2065. Australia.
413584. M1855. AVRDC 2074. Australia.
413585. M1866. AVRDC 2093. Australia.
413586. M1870. AVRDC 2097. Australia.

413467 to 413611 — Continued

- 413587. M1874. AVRDC 2101. Australia.
- 413588. M1875. AVRDC 2102. Australia.
- 413589. M1876. AVRDC 2103. Australia.
- 413590. M1877. AVRDC 2104. Australia.
- 413591. M1878. AVRDC 2105. Australia.
- 413592. M1896. AVRDC 2124. Australia.
- 413593. M1922. AVRDC 1348. BL 1. France
- 413594. M1924. AVRDC 1353. France.
- 413595. M1937. AVRDC 2160. Australia.
- 413596. M1942. AVRDC 2165. Australia.
- 413597. M1945. AVRDC 1346. AL 1.1.2. Australia.
- 413598. M1947. AVRDC 1364. France.
- 413599. M1948. AVRDC 1365. France.
- 413600. M1949. AVRDC 1366. France.
- 413601. M1954. AVRDC 1372. France.
- 413602. M1955. AVRDC 1097. Brazil.
- 413603. M1956. AVRDC 1944. MG 50-10 AY (yellow). Philippines.
- 413604. M1958. AVRDC 2356. Pakistan.
- 413605. M1962. AVRDC 1964. Thailand.
- 413606. M1974. Taiwan Accessions 2367. Taiwan.
- 413607. M1976. Taiwan Accessions 2416. Taiwan.
- 413608. M1979. Taiwan Accessions 2586. Taiwan.
- 413609. M1992. F 2 6-3. Taiwan.
- 413610. M2005. Taiwan Accessions 2367 (KS4 selection). Taiwan.
- 413611. M2069. AVRDC 2808. Taiwan. Local variety.

413612 to 413615. PSOPHOCARPUS TETRAGONOLOBUS (L.)

DC. Fabaceae.

Goa bean.

From Papua New Guinea. Seed grown at Aiyura Experiment Station by T. N. Khan, University of Papua New Guinea, Port Moresby, and presented through T. Hymowitz, Department of Agronomy, University of Illinois. Code letters, UPS, refer to "University Psophocarpus". Received September 17, 1976.

- 413612. UPS 18. 413614. UPS 65.
- 413613. UPS 29. 413615. UPS 76.

413616. POLAKOWSKIA TACACO Pittier Cucurbitaceae.

From Costa Rica. Seed presented by Claude Hope, Lind Vista S.A., Cartago. Received September 23, 1976.
Local name Tacaco.

413617 to 413656. SACCHARUM (hybrid) Poaceae.

Sugarcane.

From Fiji. Cuttings presented by Sugar Corporation, Ltd., Lautoka. Received October 1, 1976.

- 413617. 'Fiji-39'. 413619. 'LF61-666'.
- 413618. 'Fiji-64'. 413620. 'LF63-1526'.

413617 to 413656 — Continued

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|-------------------------|----------------------|
| 413621. 'LF63-1617'. | 413639. 'LF69-801'. |
| 413622. 'LF63-1984'. | 413640. 'LF69-814'. |
| 413623. 'LF65-68(MSR)'. | 413641. 'LF69-878'. |
| 413624. 'LF65-2032'. | 413642. 'LF69-953'. |
| 413625. 'LF65-3829'. | 413643. 'LF69-2029'. |
| 413626. 'LF65-4233'. | 413644. 'LF70-920'. |
| 413627. 'LF65-4329'. | 413645. 'LF70-1016'. |
| 413628. 'LF65-4401'. | 413646. 'LF70-1024'. |
| 413629. 'LF65-4661'. | 413647. 'LF70-1153'. |
| 413630. 'LF65-4701'. | 413648. 'LF70-1154'. |
| 413631. 'LF65-5943'. | 413649. 'LF70-1155'. |
| 413632. 'LF67-3232'. | 413650. 'LF-4740'. |
| 413633. 'LF67-3661'. | 413651. 'ONO'. |
| 413634. 'LF67-3866'. | 413652. 'R70-2'. |
| 413635. 'LF68-7639'. | 413653. 'R70-6'. |
| 413636. 'LF69-713'. | 413654. 'R70-7'. |
| 413637. 'LF69-716'. | 413655. 'R70-8'. |
| 413638. 'LF69-767'. | 413656. 'LF70-314'. |

413657 to 413667.

From Sweden. Seed presented by Mats Thulin, Institute of Systematic Botany, University of Uppsala, Uppsala, through J. B. Brolmann, Agricultural Research Center, Fort Pierce, Florida. Received October 13, 1976.

413657. *TRIFOLIUM BACCARINII* Chiov. Fabaceae.
MT 1586. Arussi Region, Ethiopia. Elevation 2,300 m.
413658. *TRIFOLIUM BURCHELLIANUM* Ser. subsp. *JOHNSTONII* (Oliv.) J. B. Gillett
Arussi Region, Ethiopia. Elevation 2,400 m.
413659. *TRIFOLIUM BURCHELLIANUM* subsp. *JOHNSTONII* var. *OBLONGUM* J. B. Gillett
MT 1658. Arussi Region, Ethiopia. Elevation 3,200 m. Vigorous at high altitudes.
413660. *TRIFOLIUM CALOCEPHALUM* Fresen.
MT 1469. Arussi Region, Ethiopia. Elevation 2,700 m. Adapted to wet habitats.
413661. *TRIFOLIUM CHILALOENSE* Thulin
MT 1642. Arussi Region, Ethiopia. Elevation 2,900 m.
413662. *TRIFOLIUM LANCEOLATUM* (J. B. Gillett)
MT 1646. Arussi Region, Ethiopia. Elevation 2,700 m.
413663. *TRIFOLIUM RUEPPELLIANUM* Fresen.
MT 1581. Arussi Region, Ethiopia. Elevation 2,700 m.
413664. *TRIFOLIUM SCHIMPERI* Hochst. ex A. Rich.
MT 1587. Arussi Region, Ethiopia. Elevation 2,300 m.
413665. *TRIFOLIUM SIMENSE* Fresen.
Arussi Region, Ethiopia. Elevation 2,400 m.

413657 to 413667 —Continued

413666. TRIFOLIUM SPANANTHUM Thulin
MT 1552. Arussi Region, Ethiopia. Elevation 2,600 m.

413667. TRIFOLIUM TEMBENSE Fresen.
Arussi Region, Ethiopia. Elevation 2,400 m.

413668 to 413676.

From Colombia. Seed collected by H. F. Winters, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland. Received September 15, 1976.

413668. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**
1737. Public market, Timbio. Fifteen km toward Pasto from Popayan. Small seed, buff-pink seed coat, pointed at one or both ends. Cultivated.

413669. CAPSICUM BACCATUM var. PENDULUM (Willd.) Eshbaugh Solanaceae.

1732. Las Huacas, near Popayan. Elevation 1,600 m. Herb to 3 m, red pendent fruits to 5 cm long. Cultivated.

413670. CAPSICUM PUBESCENS Ruiz. Pav.

1733. Las Huacas, near Popayan. Elevation 1,600 m. Herb to 3 m, yellow pendent fruit. Black seed. Cultivated.

413671. LUPINUS MUTABILIS Sweet Fabaceae. **South American lupine.**

1731. 'Cuzco 80'. Donated by Robert Burns, Centro Internacional de Agricultura Tropical, Cali. Local name Altramoz. Originally from Peru. Cultivated as a vegetable.

413672. PHASEOLUS (hybrid) Fabaceae.

1736. *P. vulgaris* × *P. coccineus*. Public market, Timbio. Fifteen km toward Pasto from Popayan. Yellowish seed. Local name Frijol Cacha. Cultivated.

413673. PHASEOLUS VULGARIS L.

1735. Public market, Timbio. Fifteen km toward Pasto from Popayan. Large purple seed. Local name Sangre de Toro. Cultivated.

413674. PORTULACA sp. Portulacaceae.

1734. Las Huacas, near Popayan. Elevation 1,600 m. Dwarf, prostrate herb. Flowers 0.5 cm in diameter, rose. Pubescent. Wild.

413675. SOLANUM MAMMOSUM L. Solanaceae.

1738. Forty-two km along road Cali to Popayan. Spiny herb to 1 m tall. Bright yellow, ovate fruit with a nipple on apex. Wild.

413676. SOLANUM QUITOENSE Lam.

Naranjilla.

1739. Public market, Timbio. Fifteen km toward Pasto from Popayan. Round, orange-yellow fruit, 5 cm diameter. Cultivated.

413677 to 413717.

From Hungary. Seed presented by Director, National Institute of Agrobotany, Tapioszele. Received September 8, 1976.

413677. LACTUCA SATIVA L. Asteraceae.

Lettuce.

'Kazonujfalui Fajfajta'.

413678 to 413703. PISUM SATIVUM L. Fabaceae.

Pea.

413678. II-9-251. 'Zloty Olbrzymi'.

413679. II-9-328. 'Marigreen'.

413680. II-9-356. 'Vilmorin 316 A'.

413681. II-9-586. 'Kelvedon Viscount'.

413677 to 413717 —Continued**413678 to 413703 —Continued**

- 413682.** II-9-650. 'Hallorengold'.
413683. II-9-888. 'Lancet'.
413684. II-9-913. 'Vitalis'.
413685. II-9-921. 'NZ 51'.
413686. II-9-957. 'Felicitas'.
413687. II-9-1096. 'Zenit'.
413688. II-9-1098. 'Ujmajori Korai Viktoria'.
413689. II-9-1099. 'Chrestenses Cornel'.
413690. II-9-1100. 'Budai Csemege'.
413691. II-9-1101. 'I.P. 4'.
413692. II-9-1102. 'Budai Gyongy'.
413693. II-9-1103. 'Debreceni'.
413694. II-9-1104. 'Ramonskij 77'.
413695. II-9-1105. 'Konzerv Gyongye'.
413696. II-9-1106. 'I.P. 5'.
413697. II-9-1110. 'Mansfelder Grune'.
413698. II-9-1112. 'Grune Perle'.
413699. II-9-1113. 'Budai Ernyos'.
413700. II-9-1114. 'Rajnai Torpe'.
413701. II-9-1115. 'Express'.
413702. II-9-1118. 'I.P. 3'.
413703. II-9-1119. 'I.P.2'.

413704 to 413717. VICIA FABA L. Fabaceae.**Broadbean.**

- 413704.** II-11-6. 'Friedrichswerther Berg'.
413705. II-11-9. 'Sadwislansky'.
413706. II-11-11. 'Niki Duiveboon'.
413707. II-11-13. 'Wierboon C.B.'.
413708. II-11-18. 'Erfurter'.
413709. II-11-23. 'Klein Thuringer'.
413710. II-11-24. 'Rebaya 40'.
413711. II-11-29. 'Moussa'.
413712. II-11-30. 'Picardie'.
413713. II-11-31. 'Mazagana'.
413714. II-11-37. 'Povazsky'.
413715. II-11-49. 'Fiverole de Florence'.
413716. II-11-67. 'Niki'.
413717. II-11-131. 'Majsi tf'.

413718. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.
 From Mexico. Seed presented by Leodegario Quilantan, Instituto Nacional de
 Investigaciones Agrícolas, Centro de Investigaciones Agrícolas del Nordeste,
 Obregon. Received August 10, 1976.
 Early dwarf mutant.

413719. ECHINOCHLOA TURNERIANA (Domin) J. M. Black
Poaceae.

From Australia. Seed presented by Genetics Resources Section, Commonwealth Scientific and Industrial Research Organization, Canberra. Received October 27, 1976.

'Channel Millet'. Lake Dartmouth, 100 km west northwest of Charleville, Queensland. Harvested August 1975.

413720 to 413726. LYCOPERSICON ESCULENTUM Mill.

Solanaceae.

Tomato.

From Netherlands. Seed presented by A. G. de Rooter, Deruiter Zonen B. V., Bleiswijk through Regional Plant Introduction Station, Ames, Iowa. Received September 6, 1976.

413720. 'Beauty'. Resistant to *Cladosporium* races A and B.

413721. 'Cantate'. Resistant to *Cladosporium* races A and B.

413722. 'Fortos V.F.'. *Fusarium* and *Verticillium* resistant. Resistant to *Cladosporium* races A and B.

413723. 'Fuga'. Resistant to *Cladosporium* races A and B.

413724. 'Happy'. Resistant to *Cladosporium* races A and B.

413725. 'Rondo'. Resistant to *Cladosporium* races A and B.

413726. 'Stacos V.F.'. *Fusarium* and *Verticillium* resistant. Resistant to *Cladosporium* races A and B.

413727. CAMELLIA sp. Theaceae.

From People's Republic of China. Seed collected by Yu Chen Ting, Department of Biology, Boston College, Chestnut Hill, Massachusetts. Received August 2, 1976.

Kwelin, Kwangsi. Many flowers. Yellow.

413728 to 413732. PRUNUS (hybrid) Rosaceae.

From France. Rooted cuttings presented April 1973, by M. J. Baffert, Marseille. Rootstocks originally distributed by Institute National de la Recherches Agronomique, Angers. Numbered August 23, 1976.

413728. GF 8-1. Selection from 'Marianna' (*P. cerasifera* × ?). Extremely vigorous. Compatible with all plums and some apricots. Adapted to all soil types. Propagated from cuttings.

413729. GF 31. Hybrid Myrobalan (*P. cerasifera*) × Japanese Plum (*P. salicina*). Vigor good, but less than P.I. 413728. Compatible with all apricots. Strong rooting. Good for dry and rocky soils. Propagated by cuttings.

413730. GF 655-2. Seedling of 'St. Julien' (*P. insititia*). Excellent compatibility with peach. Resistant to bacterial canker. Grows well in soils high in phosphorus and at pH 7.5 to 8. Comes true from seed.

413731. GF 677. *P. amygdalus* × *P. persica*. Compatible with peach. Superior to peach seedlings in heavy wet soil. Also good in dry, alkaline soils. Disease resistant. Easily propagated from cuttings.

413732. 'St. Julien Hybrid No. 1'. 'St. Julien d'Orleans' (*P. insititia*) × 'Common Mussel' (*P. domestica*). More compatible with peach than 'St. Julien'. Semidwarfing. Performs well in heavy soils. Comes true from seed.

413733. PRUNUS ARMENIACA L. Rosaceae. Apricot.

From France. Cutting presented by R. Bernhard, Institut National de la Recherche Agronomique, Domaine de la Grande Ferrade, Gironde, Pont-de-la-Maye. Received August 11, 1975.

'Moniqué'.

413734 to 413740. ORYZA SATIVA L. Poaceae. Rice.

From Australia. Seed presented by D. J. McDonald, Agricultural Research Center, Yanco, New South Wales. Received July 19, 1976.

413734. YR 44. ('Belle Patna' × 'Caloro II'). Plant type similar to 'Caloro' but smaller grain with less chalkiness.

413735. YR 53N-16-2. ('Belle Patna' × 'XB 4-2-1'). Plant shorter than 'Calrose' and very erect. True long-grain type with poor milling quality.

413736. YR 57. (C.I. 9434 × 'Calrose'). Plant similar to 'Calrose' but matures considerably earlier. Grain is bold 'Calrose' type and is free of chalkiness. Amylose content 31 percent, medium gelatinization temperature. Good parboiling characteristics.

413737. YR 73. ('Kulu' × C.I. 9187). Semidwarf plant with moderately strong straw. Long grain. Milling quality excellent though some chalkiness may appear in late sown crops. Amylose content 26 to 27 percent, and cooking quality good. Tends to be hard if refrigerated after cooking.

413738. YR 140. ('Caloro' × 'Delitus Stranger'). Waxy grain. Plant and grain type similar to 'Caloro'. This line being released to industry and will be named 'TARRA 140'.

413739. YR 213. ('Belle Patna' × 'Baru'). Early maturing long grain of excellent appearance and quality. Some segregation still evident in selected seed.

413740. YR 251-38. ('Calrose' × 'I-geo-tse'). Plant type similar to 'Calrose' but slightly stronger straw. Mature earlier. Grain similar to 'Calrose' but more chalkiness. Amylose content 26 percent.

413741. PRUNUS LAUROCERASUS L. Rosaceae.**Cherry-laurel.**

From Union of Soviet Socialist Republics. Cuttings collected by S. G. March, U. S. National Arboretum, Washington, D. C. Received May 24, 1973. Surami Pass, en route to Tbilisi. Elevation 900 m.

413742. PRUNUS sp. Rosaceae.

From France. Cuttings presented May 1973 by Lepage Pepinieres, Le Grand Clos, Saint Loire. Numbered November 17, 1976. 'Damas 1869'.

413743. PRUNUS CERASUS L. Rosaceae. Sour cherry.

From Denmark. Cuttings presented July 1973 by The State Pathology Institute, Lottenborgvej 2, Lyngby. Numbered November 17, 1976. 'Stevns'.

413744 to 413747. PRUNUS DOMESTICA L. Rosaceae.**Common plum.**

From Yugoslavia. Scions presented February 1975 by S. A. Paunovic, Institut Za Vocarstvo, Fruit Research Institute, Cacak. Numbered November 17, 1976.

413744. 'II/II/80/59'.

413745. 'III/I/13/61'.

413746. 'III/I/26/61'.

413747. 'Pozegaca B-1 Cacak'. High producing selection of 'Pozegaca'.

413748 to 413750. PRUNUS ARMENIACA L. Rosaceae.**Apricot.**

From Italy. Budsticks presented September 1975 by C. Fideghelli, Istituto Sperimentale per la Frutticoltura, Rome. Numbered November 17, 1976.

413748. 'Baracca'.

413749. 'Cafona'.

413750. 'Zeppa di Sisco'.

413751 and 413752. ERIANTHUS RAVENNAE (L.) Beauv.**Poaceae.****Ravenna grass.**

From United States. Vegetative stocks presented by L. N. Bass, National Seed Storage Laboratory, Fort Collins, Colorado. Numbered September 17, 1976.

413751. L. N. Bass' residence, Fort Collins, Colorado.

413752. Plant on grounds around National Reed Storage Laboratory, Fort Collins, Colorado.

413753. ERIANTHUS CONTORTUS Baldw. ex Ell. Poaceae.

From United States. Seed presented by G. R. Lovell, National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Numbered September 17, 1976.

PMT 3088. Collected by M. F. Wichman 1972, Lufkin, Angelina County, Texas. Perennial.

413754 and 413755.

From United States. Vegetative stocks presented by National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Received June 25, 1976.

413754. PANICUM CLANDESTINUM L. Poaceae. BN-9987-59.

Deer tongue.

413755. SPARTINA PATENS (Ait.) Muhl. Poaceae. BN-22745.

413756. MISCANTHUS SINENSIS Anderss. Poaceae.**Chinese silvergrass.**

From United States. Vegetative stocks collected 1974 by A. J. Oakes, Germplasm Resources Laboratory, Plant Genetics and Germplasm Institute, Agricultural Research Center, Beltsville, Maryland. Numbered September 17, 1976.

413757. HOLCUS LANATUS L. Poaceae.**Velvetgrass.**

From United States. Seed collected at the South Farm, Beltsville Agricultural Research Center, Beltsville, Maryland. Numbered September 17, 1976. Perennial.

413758. ARACHIS HYPOGAEA subsp. FASTIGIATA Waldron Fabaceae.

From United States. Seed presented April 1976 by T. A. Coffelt, Research Center Holland, Virginia, to Regional Plant Introduction Station, Experiment, Georgia. Numbered September 1, 1976.

Predominate type separated from P.I. 219824 introduced July 1954 from Estacion Experimental Nacional, Manfredi, Argentina.

413759. MALUS sp. Rosaceae.**Crabapple.**

From Canada. Budwood presented by Horticultural Research Institute, Agriculture Canada, Vineland Station, Ontario. Received September 22, 1976.

'Maybride'.

413760. IXORA COCCINEA L. Rubiaceae.

From Thailand. Seed presented August 1973 by W. E. Manis, Chieng Mai, to Subtropical Horticulture Research Unit, Miami, Florida. Numbered October 29, 1976.

M-22495. 'Thai Dwarf'. Manis residence, Chieng Mai. Planted at Miami, Florida, September 6, 1973. Popular, fine-textured ornamental shrub in Thailand.

413761 and 413762. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Australia. Seed presented by K. J. Symes, Australian Wheat Collection, Tamworth, New South Wales. Received October 27, 1976.

413761. AUS 18547. 'Jabiru'. White, spring type.

413762. AUS 18548. 'Warimba'. White, spring type.

413763 to 413766.

From United States. Plants and seeds collected October 12, 1976 by A. J. Oakes, Germplasm Resources Laboratory, Agricultural Research Center, Beltsville, Maryland. Numbered November 1, 1976.

413763 and 413764. MISCANTHUS SINENSIS var. GRACILLIMUS Hitch. Poaceae.

413763. 3172. Laurel, Maryland. Tufted ornamental, very narrow green leaves. Cultivated. Plant.

413764. 3173. Laurel, Maryland. Seed of P.I. 413763. Cultivated. Seed.

413765 and 413766. SCIRPUS CYPERINUS (L.) Kunth Cyperaceae.

413765. 3174. Beltsville Agricultural Research Center-East, Beltsville, Maryland. Tufted perennial. Possible ornamental. Wild. Plant.

413766. 3175. Beltsville Agricultural Research Center-East, Beltsville, Maryland. Seed of P.I. 413765. Wild. Seed.

413767 to 413780.

From Australia. Seed presented by Research Center, Wagga, Wagga, through Commissioner, Soil Conservation Service, Sydney, New South Wales. Received September 20, 1976.

413767. VICIA BENGHALENSIS L. Fabaceae.

Purple vetch.

'Popany'. Derived from C.P.I. 16632 introduced 1952 from Estacao Agronomica Nacional, Sacavem, Portugal. Selected for earliness of maturity and more adapted to lower rainfall areas than available commercial varieties.

413768 to 413774. VICIA SATIVA L.

Common vetch.

413768. 'Blanchefleur'. Derived from C.P.I. 20344 introduced 1955 from Ecole Nationale de Agriculture, Montpellier, France. Flowers white, seed brown to reddish brown, rarely mottled.

413769. 4535/1. Introduced 1965 from Malta under C.P.I. 38127. Originally classified as *V. angustifolia*. About 80 days from seedling emergence to flowering. Seed average size, olive tan.

413770. 4535/2. Introduced 1965 from Malta under C.P.I. 38127. Originally classified as *V. angustifolia*. About 105 days from seedling emergence to flowering. Seed small, olive or olive brown with fine mottling.

413771. 4535/3. Introduced 1965 from Malta under C.P.I. 38127. Originally classified as *V. angustifolia*. About 100 days from seedling emergence to flowering. Seed medium small, olive.

413767 to 413780—Continued**413768 to 413774—Continued**

413772. 4536/1. Received 1963 from Japan under C.P.I. 32225. About 100 days from seedling emergence to flowering. Seed dullish tan.

413773. 4536/2. Received 1963 from Japan under C.P.I. 32225. About 105 days from seedling emergence to flowering. Seed small, olive or olive brown with fine mottling.

413774. 4536/3. Received 1963 from Japan under C.P.I. 32225. About 100 days from seedling emergence to flowering. Seed average size, tan.

413775 to 413779. VICIA AMPHICARPA Dorthes

413775. 3013. Collected 1970 from Karak, Jordan, under C.P.I. 53312-J15. Low yield and plant vigor. About 69 days from seedling emergence to flowering in 1974 test only. Seed set underground at Wagga. Seed black.

413776. 3014. Collected 1951 from Israel under C.P.I. 14911, About 96 days from seedling emergence to flowering in 1974 test only. Seed set underground at Wagga. Seed black.

413777. 4533. Collected 1951 from Israel under C.P.I. 14911. More plant vigor than P.I. 413776. About 94 days from seedling to flowering. Seed set underground at Wagga. Seed black.

413778. 4533-S. Selection made 1972 from C.P.I. 14911 collected 1951 from Israel. More vigor and higher yield than parent, P.I. 413777. About 75 days from seeding to flowering.

413779. 4534. Collected 1970 from Karak, Jordan, under C.P.I. 53312-J15. Seed set underground at Wagga. About 70 days from seeding to flowering. Seed yield and vigor superior to P.I. 413777.

413780. VICIA VILLOSA subsp. **VARIA** (Host) Corb.

'Naomi'. Commercially available. Ground cover annual in 500 to 600 mm rainfall area. Seed brownish black.

413781 and 413782. SOLANUM MELONGENA L. Solanaceae.**Eggplant.**

From Ivory Coast. Seed collected 1973 by B. L. Pollack, Department of Horticulture, Cook College, New Brunswick, New Jersey. Numbered November 1, 1976.

413781. 21-73. Plant with smooth, glossy leaf. Round fruit, yellow when mature. Mite resistant.

413782. 22-73. Tall, erect plant. Small, round fruit, in clusters, red when mature.

413783 and 413784. SOLANUM MELONGENA L. Solanaceae.**Eggplant.**

From Upper Volta. Seed collected 1973 by B. L. Pollack, Department of Horticulture, Cook College, New Brunswick, New Jersey. Numbered November 1, 1976.

413783. 3-73. Large, flat fruits with green stems, red when mature. Mite susceptible.

413784. 13-73. Plant with dull leaf color. Large, round, smooth fruit, red when mature. Mite susceptible.

413785. ACACIA ALBIDA Delile Fabaceae.

From Israel. Seed presented by Yehuda Reves, Jewish National Fund, through Division of Plant Introduction, Agricultural Research Organization, The Volcani Center, Bet Dagan. Received November 1, 1976.

413786. AVENA SATIVA L. Poaceae. **Common oat.**

From New Zealand. Seed presented by Graeme Coles, Crop Research Division, Department of Scientific and Industrial Research, Lincoln, Christchurch. Received September 27, 1976.

'Omihī'.

413787 to 413790.

From Brazil. Seed presented by A. von der Pahlen, Divisao de Ciencias Agronomicas, Instituto Nacional de Pesquisas da Amazonia, Manaus. Received August 25, 1976.

413787. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**
IH 276. Formerly grown commercially in Manaus, now on small scale.

413788. LYCOPERSICON sp.
IH 92. Wild tomato growing in Rio de Janeiro.

413789. LYCOPERSICON sp.
IH 114. Wild tomato growing in Tefe (Amazonas).

413790. SOLANUM TOPIRO Humb. & Bonpl. ex Dun. Solanaceae.
IH 413. 'Cubiu'. From the surroundings of Manaus, on yellow soil. Grown commonly for juice and preserves.

413791 to 413795.

From United States. Seed held by National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Received September 7, 1976.

413791. AGROPYRON PLUNGENS (Pers.) Roem. & Schult. Poaceae. **Wheatgrass.**

BN-20474-73. Versailles, France. Perennial.

413792. BROMUS UNILOIDES Kunth Poaceae. **Rescuegrass.**
BN-20575-75. Institut National de la Recherche Agronomique, France. Annual.

413793. ELYMUS GIGANTEUS Vahl Poaceae. **Siberian wild-rye.**
BN-20621-75. Romania. Perennial.

413794. HELICTOTRICHON PUBESCENS (Huds.) Pilger. Poaceae.
BN-20519-75. Institut National de la Recherche Agronomique, France.

413795. PENNISETUM ALOPECUROIDES (L.) Spreng. Poaceae. **Chinese pennisetum.**

BN-22746-74. Perennial.

413796 to 413992. ORYZA SATIVA L. Poaceae. **Rice.**

From Philippines. Seed presented by International Rice Research Institute, Manila. Numbered November 10, 1976.

413796. AC-71.

413797. Agulhao Precoce. Formerly from Brazil.

413798. AS-11.

413799. AS-46.

413800. Banajira 224.

413801. Batatais. Formerly from Brazil.

413796 to 413992 —Continued

- 413802. Bengawan.
- 413803. Begunbichi 360.
- 413804. BG 34-8.
- 413805. BF 35-2.
- 413806. Bico Torto. Formerly from Brazil.
- 413807. Boro I-120.
- 413808. Ch 1007.
- 413809. Cheng-chu-ai.
- 413810. China 1039.
- 413811. China 1039-1.
- 413812. China 1039-2.
- 413813. China 1039-3.
- 413814. China 1039. Dwarf.
- 413815. China 1039. Dwarf mutant.
- 413816. China 1039-1. Dwarf mutant.
- 413817. China 1039-2. Dwarf mutant.
- 413818. China 1039-3. Dwarf mutant.
- 413819. Ching-yu 1. Formerly from Academy of Agriculture and Forestry Sciences, Peking, China.
- 413820. Claket 277 (KC30-14-2-1).
- 413821. Claket 520 (KC30-21-3-2).
- 413822. CR 126-42-5.
- 413823. Dhali Boro 138-5.
- 413824. Dourado Precoco. Formerly from Brazil.
- 413825. EEA 404. Formerly from Brazil.
- 413826. EEA 405. Formerly from Brazil.
- 413827. EEA 406. Formerly from Brazil.
- 413828. EEA 407. Formerly from Brazil.
- 413829. Eiko.
- 413830. Formosa. Formerly from Brazil.
- 413831. Fujisaka 5.
- 413832. G-117.
- 413833. Gasmal 271.
- 413834. Gasmal 418.
- 413835. Giza 14.
- 413836. HTA 8. IR262 × PG56 KLG.
- 413837. HTA 39. IR262 × KNN 111 KLG.
- 413838. HTA 165. IR262 × PG56 KLG.
- 413839. HTA 169. IR262 × KNN KLG.
- 413840. HTA 173.
- 413841. HTA 311. IR262 × PG56 KLG.
- 413842. HTA 541. IR262 × KNN KLS.
- 413843. HTA 641. IR262 × KNN KLG.

413796 to 413992 — Continued

- 413844. HTA 826. IR262 × KNN KLG.
- 413845. HTA 916. IR262 × KNN KLS.
- 413846. IAC 47-3.
- 413847. IAC-1246. Formerly from Brazil.
- 413848. Igulhes Prococe. Formerly from Brazil.
- 413849. Iguape Cateto. Formerly from Brazil.
- 413850. IR 1846. Bulked.
- 413851. IR 2637. Bulked.
- 413852. IR 3155. Bulked.
- 413853. IR 3247. Bulked.
- 413854. IR 3248. Bulked.
- 413855. IR 3249. Bulked.
- 413856. IR 3487. Bulked.
- 413857. IR 3572. Bulked.
- 413858. IR 3941. Bulked.
- 413859. IR 442-2-58.
- 413860. IR 503-1-104-2. Formerly from Brazil.
- 413861. IR 520-1-26.
- 413862. IR 667-98-1-2-2.
- 413863. IR 747-B2-6-2.
- 413864. IR 781-186-3-1-3.
- 413865. IR 1317-248-1-2.
- 413866. IR 1480-116-3-3.
- 413867. IR 1750-F5B-3.
- 413868. IR 1846-284-1.
- 413869. IR 1846-287-1.
- 413870. IR 2053-521-1-1.
- 413871. IR 2061-214-3-3-17.
- 413872. IR 2061-214-3-3-32.
- 413873. IR 2061-522-6-9.
- 413874. IR 2516-1-2.
- 413875. IR 2516-1-1-4.
- 413876. IR 2516-4-1.
- 413877. IR 2637-1.
- 413878. IR 2640-17-1.
- 413879. IR 3155-3.
- 413880. IR 3248-6.
- 413881. IR 3249-2.
- 413882. IR 3251-5.
- 413883. IR 3253-3.
- 413884. IR 3487-2.
- 413885. IR 3572-1.
- 413886. IR 3941-1.

413796 to 413992 —Continued

- 413887. IR 3941-109.
- 413888. IRR1 449.
- 413889. IVFS 74 507.
- 413890. IVFS 74 512.
- 413891. IVFS 74 514.
- 413892. IVSF 74 515.
- 413893. IVFS 74 516.
- 413894. IVFS 74 522.
- 413895. IVFS 74 523.
- 413896. IVFS 74 524.
- 413897. IVFS 74 527.
- 413898. IVFS 74 530.
- 413899. IVFS 74 538.
- 413900. IVFS 74 542.
- 413901. IVFS 74 543.
- 413902. IVFS 74 559.
- 413903. IVFS 74 562.
- 413904. IVFS 74 563.
- 413905. IVFS 74 564.
- 413906. IVFS 74 568.
- 413907. JP 5.
- 413908. Juma 1.
- 413909. K42-55B-1.
- 413910. K42-55B-2.
- 413911. K42-55B-3.
- 413912. K78-13.
- 413913. K78-28.
- 413914. K85-2.
- 413915. K113-1.
- 413916. K113-2.
- 413917. K113-3.
- 413918. K116-1.
- 413919. K116-2.
- 413920. K116-3.
- 413921. K152.
- 413922. Karen. Formerly from Brazil.
- 413923. KH 864.
- 413924. KH 974-3.
- 413925. KH 998.
- 413926. KH 6605.
- 413927. Kn-1h-36.
- 413928. Kn-1h-214-1-4-3.
- 413929. Kn-1b-361-Blk-2. Bulkcd.

413796 to 413992 —Continued

- 413930. Kn-1h-361-Blk-2-1.
- 413931. Kn-1b-361-Blk-2-2.
- 413932. Kn-1b-361-Blk-12. Bulked.
- 413933. Kn-1b-361-Blk-13. Bulked.
- 413934. Kn-1b-361-Blk-13-1.
- 413935. Kn-1b-361-Blk-13-3.
- 413936. Kn-1b-361-Blk-13-4.
- 413937. Kn-1b-361-Blk-13-6.
- 413938. Kn-1b-361-Blk-13-8.
- 413939. Kn-1b-361-Blk-14. Bulked.
- 413940. Kn-1b-361-14-1.
- 413941. Kn-1b-361-Blk-19. Bulked.
- 413942. Kn-1b-361-Blk-19-1.
- 413943. Kn-1b-361-Blk-24. Bulked.
- 413944. Kn-1b-361-Blk-24-3.
- 413945. Kn-1b-361-Blk-27. Bulked.
- 413946. Kn-1b-361-1-8-6.
- 413947. Kn-1b-361-1-8-6-10.
- 413948. Kn-1b-361-1-8-6-12.
- 413949. Kn-1b-361-1-8-6-30.
- 413950. Kn-1b-361-8-6. Bulked.
- 413951. Kn-1b-361-148.
- 413952. Kn-1b-361-149.
- 413953. Kn-1b-361-150.
- 413954. Kn-1b-361-151.
- 413955. Kn-1b-361-152.
- 413956. Kn-1b-361-177.
- 413957. Kn-1b-361-178.
- 413958. Kn-1b-361-179.
- 413959. Kn-1b-361-180.
- 413960. Kn-1b-361-181.
- 413961. I-484-70-33. Formerly from Brazil.
- 413962. I-1358-67-249. Formerly from Brazil.
- 413963. LAC-10. Formerly from Brazil.
- 413964. MI 48.
- 413965. N22.
- 413966. Palmor. IR26 × KNN KLG. Formerly from Brazil.
- 413967. Pankait 31-3.
- 413968. Pankait 107-2-1.
- 413969. Pankait 117-2-1.
- 413970. Pankait 117-2-3.
- 413971. Pankait 269-2
- 413972. Pankait 269-3.

413796 to 413992 —Continued

- 413973. Pankait 447-2.
- 413974. Pankait 539-1.
- 413975. Pankait 539-3.
- 413976. Pankait 641-1.
- 413977. Pratao Precoce. Formerly from Brazil.
- 413978. Raja Imut.
- 413979. Rata 6-4.
- 413980. Ratna.
- 413981. Sail Boro 56-1.
- 413982. Satha 273. Formerly from Pakistan.
- 413983. Shinsetsu.
- 413984. Sirandal Merah.
- 413985. SL 79.
- 413986. SL91-1.
- 413987. SL91-2.
- 413988. SL92-1.
- 413989. Sug.
- 413990. Triveni.
- 413991. Tupa 7-1.
- 413992. Vala Burda 50A.

413993. ARACHIS HYPOGAEA L. Fabaceae. Peanut.
 From Taiwan. Seed presented by Taiwan Agricultural Research Institute, Taipei. Received October 7, 1976.
 'Tainung No. 4'.

413994. PAPAVER SOMNIFERUM L. Papaveraceae. Opium poppy.
 From India. Seed collected by D. R. Cornelius, Agricultural Research Officer, United States Department of Agriculture, American Embassy, Islamabad, Pakistan. Numbered November 15, 1976.
 PK43. Srinagar, Kashmir District. May 30, 1975. Cultivated.

413995 to 413998. ORYZA SATIVA L. Poaceae. Rice.
 From Philippines. Seed presented by International Rice Research Institute, Los Banos, Laguna. Received October 7, 1976.

- 413995. IRRI 847. Khao Tah oo.
- 413996. IRRI 22710. Nona Bokra. India.
- 413997. IRRI 8948. Pokkali.
- 413998. Urarkondam (Madurai) 5045.

413999 to 414008. ORYZA SATIVA L. Poaceae. Rice.
 From Iran. Seed presented by Iran National Museum of Natural History, Tehran. Received October 13, 1976.

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| 413999. 145. | 414001. 201. |
| 414000. 153. | 414002. 205. |

413999 to 414008 — Continued

414003. 215.	414006. 222.
414004. 216.	414007. 223.
414005. 221.	414008. 245.

414009 to 414026. PAPAVER SOMNIFERUM L. Papaveraceae. Opium poppy.

From Pakistan. Seed collected by D. R. Cornelius, Agricultural Research Officer, United States Department of Agriculture, American Embassy, Islamabad. Numbered November 15, 1976.

- 414009.** PK25. Nowshera, Marden area. July 1, 1974. Cultivated.
- 414010.** PK33. Bazaar, Landikotal, Khyber Tribal area. April 1976. Cultivated.
- 414011.** PK34. Kohat Bazaar, Peshawar District, Kohat City. March 1976. Cultivated.
- 414012.** PK35. Kethyari Village, Dir District, near Swat Valley. May 1976. Cultivated.
- 414013.** PK36. Bazaar, Mingora, Swat District. March 1976. Cultivated.
- 414014.** PK37. Bazaar, Sakhakot, Malakand District. April 1975. Cultivated.
- 414015.** PK38. Bazaar, Lyallpur City, Lyallpur District. April 1976. Cultivated.
- 414016.** PK39. Bazaar, Parachinar, Kurram Tribal area. April 1976. Cultivated.
- 414017.** PK40. Bazaar, Parachinar, Kurram Tribal area. April 1976. Cultivated.
- 414018.** PK41. Dargai Village, Malakand Tribal area. (Lot No. 1) May 1975. Cultivated.
- 414019.** PK42. Dargai Village, Malakand Tribal area. (Lot No. 2) May 1975. Cultivated.
- 414020.** PK44. Tribal area, 162 km northwest of Gilgit. Elevation 2,720 m. Planted April, harvested August or September. White seeded. April 19, 1976.
- 414021.** PK45. Tribal area, 162 km northwest of Gilgit. Elevation 2,720 m. Planted April, harvested August or September. Black seeded. April 19, 1976. Cultivated.
- 414022.** PK46. Hunza, northeast Pakistan, near Chinese Border. Elevation 2,121 m. Summer growing, planted in April. Matures late September. Black seeded. This season of growth is opposite that in lower elevation where winter-spring growth occurs. October 1976. Cultivated.
- 414023.** PK47. Bazaar, Peshawar seed store. White seeded. June 1976. Cultivated.
- 414024.** PK48. Bazaar, Peshawar. Red seeded. June 1974. Cultivated.
- 414025.** PK49. Nowshera seed store. Grown in Mardan area. White seeded. June 1974. Cultivated.
- 414026.** PK50. Bazaar, Peshawar. Black seeded. May 1975. Cultivated.

414027 to 414079.

From United States. Seed presented by Southern Regional Plant Introduction Station, Experiment, Georgia. Numbered November 22, 1976.

- 414027.** AGROSTIS NEBULOSA Boiss. & Reut. Poaceae. **Cloudgrass.**
George W. Park Seed Company, Greenwood, South Carolina. Annual. Seed.
- 414028 and 414029.** ARRHENATHERUM ELATIUS (L.) Beauv. ex. J. & C. Presl
Poaceae. **Tall oatgrass.**
- 414028.** BN-6129-59. Soil Conservation Service, New York. Perennial.
Seed.
- 414029.** BN-6129-67. Soil Conservation Service, Oregon. Perennial. Seed.
- 414030.** ARUNDO DONAX L. Poaceae. **Giant reed.**
OG-266. Spalding County, Georgia. Perennial. Vegetative stock.
- 414031.** ARUNDO DONAX var. VERSICOLOR (Miller) Stokes
OG-267. Vegetative stock.
- 414032.** AVENA STERILIS L. Poaceae. **Animated oats.**
George W. Park Seed Company, Greenwood, South Carolina. Annual. Seed.
- 414033 to 414035.** BRIZA MAXIMA L. Poaceae. **Big quaking grass.**
- 414033.** W. Atlee Burpee Seed Company, Philadelphia, Pennsylvania.
Annual. Seed.
- 414034.** George W. Park Seed Company, Greenwood, South Carolina.
Annual. Seed.
- 414035.** BN-19208-69. Soil Conservation Service. Annual. Seed.
- 414036.** BRIZA MINOR L. **Little quaking grass.**
England. Annual. Seed.
- 414037 and 414038.** CHASMANTHIUM LATIFOLIUM (Michx.) Yates. Poaceae.
Broadleaf uniola.
- 414037.** George W. Park Seed Company, Greenwood, South Carolina.
Perennial. Seed.
- 414038.** OG-241. Perennial. Vegetative stock.
- 414039 to 414041.** COIX LACRYMA-JOBI L. Poaceae. **Job's-tears.**
- 414039.** George W. Park Seed Company, Greenwood, South Carolina.
Annual. Seed.
- 414040.** W. Atlee Burpee Seed Company, Philadelphia, Pennsylvania.
Annual. Seed.
- 414041.** George W. Park Seed Company, Greenwood, South Carolina.
Annual. Dwarf. Seed.
- 414042.** CORTADERIA SELLOANA (Schult.) Aschers. & Graebn. Poaceae. **Pampasgrass.**
George W. Park Seed Company, Greenwood, South Carolina. White flowers.
Perennial. Seed.
- 414043.** ECHINOCHLOA CRUSGALLI (L.) Beauv. Poaceae. **Barnyardgrass.**
England. Annual. Seed.
- 414044 and 414045.** ELYMUS GIGANTEUS Vahl Poaceae. **Siberian wild-rye.**
- 414044.** England. Perennial. Seed.
- 414045.** Perennial. Vegetative stock.
- 414046 and 414047.** ELYMUS GLAUCUS Buckl. **Blue wild-rye.**
- 414046.** BN-3410. Soil Conservation Service, Oregon. Perennial. Seed.

414027 to 414079 —Continued**414046 and 414047 —Continued**

- 414047.** BN-7228-62. Soil Conservation Service, Pleasanton, Calif. Perennial. Seed.
- 414048.** *ERIANTHUS COARCTATUS* Fern. Poaceae.
BN-18759-67. Soil Conservation Service, Texas. Perennial. Seed.
- 414049.** *ERIANTHUS GIGANTEUS* (Walt.) Muhl. **Plumegrass.**
North Carolina. Perennial. Seed.
- 414050 and 414051.** *ERIANTHUS RAVENNAE* (L.) Beauv. **Ravennagrass.**
414050. BN-8009. Soil Conservation Service. AM-2636. Originally from Spain, P.I. 237795. Perennial. Seed.
414051. 2249. Perennial. Vegetative stock.
- 414052.** *FESTUCA OVINA* L. Poaceae. **Sheep fescue.**
England. Perennial. Seed.
- 414053.** *HORDEUM JUBATUM* L. Poaceae. **Foxtail barley.**
George W. Park Seed Company, Greenwood, South Carolina. Perennial. Seed.
- 414054.** *KOELERIA GLAUCA* DC. Poaceae.
England. Seed.
- 414055 and 414056.** *LAGURUS OVATUS* L. Poaceae. **Rabbittail grass.**
414055. England. Annual. Seed.
414056. George W. Park Seed Company, Greenwood, South Carolina. Annual. Seed.
- 414057.** *LAMARCKIA AUREA* (L.) Moench Poaceae. **Goldentop.**
England. Annual. Seed
- 414058.** *MELICA ALTISSIMA* L. Poaceae. **Siberian melic.**
England. Perennial. Seed.
- 414059.** *MISCANTHUS SINENSIS* Anderss. Poaceae. **Chinese silvergrass.**
Lake Burton, Georgia. Perennial. Seed.
- 414060.** *MISCANTHUS SINENSIS* var. *GRACILLIMUS* Hitch.
G 2250. Spalding County, Georgia. Perennial. Vegetative stock.
- 414061.** *MISCANTHUS SINENSIS* var. *VARIEGATUS* Beal **Silvergrass.**
2597. Spalding County, Georgia. Vegetative stock.
- 414062 and 414063.** *MISCANTHUS SINENSIS* f. *ZEBRINUS* (Nichols.) Nakai
Silvergrass.
414062. George W. Park Seed Company, Greenwood, South Carolina. Seed.
414063. 2775. Spalding County, Georgia. Vegetative stock.
- 414064.** *MOLINIA CAERULEA* (L.) Moench Poaceae. **Moorglass.**
England. Perennial. Seed.
- 414065 to 414070.** *PANICUM VIRGATUM* L. Poaceae. **Switchgrass.**
414065. BN-14668-65. Soil Conservation Service, Pangburn, Ark. Perennial. Seed.
414066. BN-17099-65. Soil Conservation Service, New Mexico. Perennial. Seed.
414067. BN-8624-67. Soil Conservation Service, North Carolina. Perennial. Seed.

414027 to 414079 —Continued

414068. BN-18758-67. Soil Conservation Service, Kansas. Perennial. Seed.

414069. BN-309-69. Soil Conservation Service, New York. Perennial. Seed.

414070. BN-12323-69. Soil Conservation Service, Kansas. Perennial. Seed.

414071. PANICUM sp.
England. Seed.

414072. PENNISETUM ALOPECUROIDES (L.) Spreng. Poaceae. **Chinese pennisetum.**
England. Perennial. Seed.

414073. PENNISETUM FLACCIDUM Griseb.
England. Seed.

414074 and 414075. PENNISETUM SETACEUM (Forsk.) Chiov. **Fountaingrass.**

414074. Northrup, King & Company, Minneapolis, Minnesota. Perennial. Seed.

414075. George W. Park Seed Company, Greenwood, South Carolina. Perennial. Seed.

414076. PENNISETUM VILLOSUM R. Br. ex Fresen. **Feathertop.**
England. Perennial. Seed.

414077. PHALARIS ARUNDINACEA f. VARIEGATA (Parnell) Druce Poaceae. OG-273. Seed.

414078. SETARIA MAGNA Griseb. Poaceae. **Giant bristlegrass.**
BN-17107-67. Soil Conservation Service, Lewes, Del. Annual. Seed.

414079. STENOTAPHRUM SECUNDATUM (Walt.) Ktze. Poaceae. **St. Augustinegrass.**
Variegated form. Plant.

414080. SECALE CEREALE L. Poaceae. **Rye.**
From England. Seed presented by V. G. Steyerma, J. K. W. Broadhead, Ashill, Thetford, Norfolk. Received October 4, 1976.
'Ashill Pearl'.

414081 to 414087.

From Bolivia. Seed presented by Raul Cagigao, Departamento de Semillas, Ministerio de Agricultura Ciencias y Agropecuarios, La Paz. Received October 1, 1976.

414081. HORDEUM ANDICOLA Griseb. Poaceae.
'Cola de Raton'. Grows in Altiplano zone at elevation 3,700 to 4,000 m. Wild.

414082 to 414085. HORDEUM VULGARE L. **Barley.**

414082. 'CHM 70'. Collected in Culpina. Probably Spanish origin.

414083. 'Criolla Blanca'. Gray-white seed. Probably Spanish origin.

414084. 'Criolla Negra'. Black seed. Probably Spanish origin.

414085. 'Huarisata EEA 46'. Hooded and naked type. Probably Spanish origin.

414027 to 414079—Continued

414086 and 414087. TRITICUM AESTIVUM L. Poaceae. Common wheat.

414086. 'Chinoli 65'. Agricultural Experiment Station, Chinoli. Selection of Mexican 'Chapingo 58' but earlier maturing.

414087. 'Chinoli 70'. Agricultural Experiment Station, Chinoli. Selection of Mexican 'Gabo' but earlier maturing and more dwarf growth habit.

414088 to 414093. HORDEUM DISTICHON L. Poaceae.**Two-rowed barley.**

From Turkey. Seed presented by M. B. Yildirim, Faculty of Agriculture, Ege University, Bornova-Izmir. Received October 1, 1976.

414088. 'Alma'. AGU-B-8.

414089. 'Aspa'. AGU-B-7.

414090. 'AUB 85'. CA 175/74.

414091. 'Bido'. AGU-B-3.

414092. 'Quantum'. AGU-B-6.

414093. 'Villa'. AGU-B-11.

414094 to 414133.

From United States. Plants held by the Fruit Laboratory, Plant Genetics and Germplasm Institute, Beltsville Agricultural Research Center, Beltsville, Maryland. Numbered August 30, 1976.

414094 to 414096. FRAGARIA × ANANASSA Duch. Rosaceae.

414094. SG-5. 'Plateau'. Plateau Experiment Station, Route 9, Crossville, Tennessee. May be an unidentified cultivar cross with 'Tennessee Shipper'.

414095. SG-40. Received as *Fragaria* × *ananassa* nm. *cuneifolia*. Staudt Canada No. 5060. West of Joyce on seacoast near Piller Point, Clallam County, Washington. Wild.

414096. SG-41. Received as *Fragaria* × *ananassa* nm. *cuneifolia*. Staudt Canada No. 5097. Miracle Beach Park, south of Campbell River, Vancouver Island, British Columbia, Canada. Wild.

414097 to 414101. FRAGARIA CHILOENSIS (L.) Duch. Chilean strawberry.

414097. SG-28. Agricultural Experiment Station, Palmer, Alaska.

414098. SG-44. Darrow No. 5. From coast at Rocoto, 16 km from Concepcion, Chile. Pistillate. Selected from P.I. 235810. Wild.

414099. SG-45. Darrow No. 6. From Coast at Rocoto, 16 km from Concepcion, Chile. Pistillate. Selected from P.I. 235811. Wild.

414100. SG-49. Bringhurst No. AC-1367. Davis, California.

414101. SG-50. Bringhurst No. AC-1466. Davis, California.

414102. FRAGARIA CHILOENSIS subsp. PACIFICA Staudt

SG-43. Staudt Canada No. 5162. Long Beach, near Tofino, Vancouver Island, British Columbia, Canada. Wild.

414103 and 414104. FRAGARIA MOSCHATA Duchense Hautbois strawberry.

414103. SG-53. Source unknown.

414104. SG-54. 'Capron'. Source unknown.

414105. FRAGARIA NUBICOLA Lindl. ex Lacaita
SG-52. Source unknown.

414094 to 414133 —Continued**414106 to 414131—Continued**

- 414106.** FRAGARIA ORIENTALIS Losinsk.
SG-51. Source unknown.
- 414107 to 414131.** FRAGARIA VIRGINIANA Duch. **Virginia strawberry.**
- 414107.** SG-1. Fayetteville, Arkansas. Wild.
- 414108.** SG-2. Fayetteville, Arkansas. Wild.
- 414109.** SG-3. W-1. Fayetteville, Arkansas. Wild.
- 414110.** SG-4. Finch Blueberry Nursery, Bailey, North Carolina. Wild.
- 414111.** SG-6. Wise, Wise County, Virginia. Wild.
- 414112.** SG-7. Wise, Wise County, Virginia. Wild.
- 414113.** SG-8. Ferretti No. 76-PA WHW-1037. Pennsylvania State University, University Park, Pennsylvania. White fruited, tasty, prolific runner-ing. Winter hardy. Cultivated.
- 414114.** SG-9. Shamokin Gun Club grounds on Highway 242, Elysburg, Northumberland County, Pennsylvania. Wild.
- 414115.** SG-10. 'Sheldon'. Brought to Beltsville, Maryland, from University of Minnesota. Originally collected by A. F. Yeager at Sheldon, North Dakota, in 1934 or 1935, for North Dakota State University. Early. Flowers very resistant to frost. Moderate resistance to red stele disease. Female.
- 414116.** SG-11. Feretti No. 76-PA WHR 2037. Wooded lot at Pleasant Gap, Centre County, Pennsylvania. Red fruited, winter hardy. Little leaf spot symptoms. Wild.
- 414117.** SG-12. Feretti No. 76-PA ER 3037. Pleasant Gap, Centre County, Pennsylvania. Exposed southeastern gravelly slope. Very early, probably red fruited. No flowers seen. Fairly winter hardy. Wild.
- 414118.** SG-13. Collected 16 km east of Chester, New Jersey. Wild.
- 414119.** SG-14. University of Minnesota, St. Paul, Minnesota. Hardy inbred strawberry.
- 414120.** SG-15. Hyner Run, 8 km north of Hyner, Clinton County, Pennsylvania. Wild.
- 414121.** SG-16. On Highway 144, 1.6 km south of Snowshoe, Centre County, Pennsylvania. Wild.
- 414122.** SG-17. On Pennsylvania Creek, 8 km south of Coburn, Pennsylvania. Wild.
- 414123.** SG-20. Poe Valley, opposite memorial monument, Centre County, Pennsylvania. Wild.
- 414124.** SG-21. Highway 322 at Bald Eagle State Forest, Centre County, Pennsylvania. Wild.
- 414125.** SG-22. Hyner View road below Hyner View, north-northeast of Hyner, Clinton County, Pennsylvania. Elevation 455 m. Wild.
- 414126.** SG-23. Along Appalachian trail at Quarry Gap, 4.8 km north of Caledonia State Park, Franklin County, Pennsylvania. Wild.
- 414127.** SG-24. On Route 445, 3.2 km north of Millheim, Elk Creek, Centre County, Pennsylvania. Wild.
- 414128.** SG-25. Caledonia State Park, Franklin County, Pennsylvania. Wild.

414094 to 414133 — Continued

414129. SG-26. Mosely-Dixon at Rainey Road, Route 2, Macon, Georgia. Cultivated by the Mary E. Hudson family for over 80 years. Drought resistant. Probably everbearing under suitable conditions. Cultivated.

414130. SG-29. Spalding County, 8 km southeast of Griffin, Georgia. Farm of Grover Sowell, Jr. Vigorous and productive colony. Wild.

414131. SG-30. Oklahoma State University, Stillwater, Oklahoma. Seed collection.

414132. FRAGARIA VIRGINIANA subsp. GLAUCA (S. Wats.) Staudt SG-27. Agricultural Experiment Station, Palmer, Alaska.

414133. FRAGARIA VIRGINIANA Duch. subsp. VIRGINIANA SG-42. Staudt Canada No. 5130. Northwest of south entrance of Verendrye Park, Pontiac County, Quebec, Canada. Wild.

414134. TRICHOLAENA REPENS (Willd.) Hitch. Poaceae.

Natal grass.

From United States. Seed presented by Southern Regional Plant Introduction Station, Experiment, Georgia. Numbered November 22, 1976.

George W. Park Seed Company, Greenwood, South Carolina. Annual.

414135 to 414141. GOSSYPIUM HIRSUTUM L. Malvaceae.

Upland cotton.

From Brazil. Seed presented by Empresa de Pesquisa Agropecuaria de Minas Gerais, Belo Horizonte, Minas Gerais. Received December 13, 1976.

414135. 'Del Cerro'.

414136. 'IAC 13-1'.

414137. 'IAC RM4SM5'.

414138. 'SL 7-1'.

414139. 'SL 8'.

414140. 'SL 23-6879'.

414141. 'SU 0450/8909'.

414142. CITRUS (hybrid) Rutaceae.

From Iran. Seed presented by L. C. Cochran, Safiabad Research Center, Dezful. Numbered December 28, 1976.

Local variety from Southern Iran. (Probably a hybrid of sweet lime × tangerine). Cultivated for the fruit and used as a rootstock for sweet orange, grapefruit, and tangerine. Grows rapidly, tolerant to calcareous soils; cold hardy as sour orange and can be propagated by hardwood cuttings. More tolerant than sweet lime to *Phytophthora gummosis*. Received as *Citrus bakrai*.

414143 to 414150.

From Argentina. Seed collected by K. A. Okada and W. Hoffman, Instituto Nacional de Tecnologia Agropecuaria, Estacion Experimental de Balcarce, Balcarce, and presented to Potato Introduction Station, Sturgeon Bay, Wisconsin. Numbered January 3, 1977.

414143 and 414144. SOLANUM CHACOENSE Bitter Solanaceae.

414143. BAL 7316. Oka 4822. Virrey Toledo, Department Rosario de Lerma, Salta Province. Collected March 21, 1973. Elevation 1,600 m. Received July 1973.

414143 to 414150—Continued**414143 to 414144—Continued**

414144. BAL 67111. Oka 2955. Pampa Grande, Department Guachipas, Salta Province. Collected February 27, 1967. Elevation 1,750 m. Received August 1971.

414145. SOLANUM GOURLAYI Hawkes

BAL 72108. Oka 4307. Nine km west of Purmamar, Department Tumbaya, Jujuy Province. Collected March 16, 1972. Elevation 2,800 m. Received September 1972.

414146 and 414147. SOLANUM INFUNDIBULIFORME Phil.

414146. BAL 71159. Oka 3951. El Angosto, 34 km west of Santa Catalina, Department Santa Catalina, Jujuy Province. Collected April 7, 1971. Elevation 3,700 m. Received August 1971.

414147. BAL 71200. Oka 4009. Riconada, Department Riconada, Jujuy Province. Collected April 8, 1971. Elevation 4,000 m. Received August 1971.

414148 to 414150. SOLANUM TARIJENSE Hawkes

414148. BAL 71283. Hof. 1890. La Pera, Department Santa Victoria, Salta Province. Collected March 9, 1971. Elevation 2,200 m.

414149. BAL 71315. Hof 2017. On road, 7 km north of Santa Victoria a Pucara, Department Santa Victoria, Salta Province. Collected March 25, 1971. Elevation 2,400 m. Received August 1971.

414150. BAL 71355. Hof 1885. On trail to Santa Victoria a Meson, Department Santa Victoria, Salta Province. Collected March 9, 1971. Elevation 2,200 m. Received August 1971.

414151 and 414152.

From Bolivia. Seed presented January 1972 by J. G. Hawkes, Department of Botany, University of Birmingham, Birmingham, England, to Potato Introduction Station, Sturgeon Bay, Wisconsin. Numbered January 17, 1977.

414151. SOLANUM OPLOCENSE Hawkes Solanaceae.

HHC 4415. Near Parotani, Department Cochabamba, Capinota Province. Elevation 2,450 m. Collected February 15, 1971.

414152. SOLANUM TARIJENSE Hawkes

HHC 4667. On road to Entre Rios, 41 km from Tarija, Department Tarija, Cercado Province. Elevation 2,325 m. Collected March 13, 1971.

414153 and 414154.

From Denmark. Seed presented February 1973 by J. P. Hjerting, Copenhagen University Botanical Gardens, Copenhagen, to Potato Introduction Station, Sturgeon Bay, Wisconsin. Numbered January 17, 1977.

414153. SOLANUM CHACOENSE Bitter Solanaceae.

Bordas s.n. Originally collected June 1968 by Eugenia Bordas. From Lambare (near Ascuncion), Paraguay.

414154. SOLANUM COMMERSONII subsp. MALMEANUM (Britt.) Firbas & Ross

Krapovickas 14792. Originally collected February 8, 1969 by A. Krapovickas. Fifteen km north of Santo Tome, Department Santo Tome, Corrientes Province, Argentina.

414155. SOLANUM LOBBIANUM f. MULTIDISSECTUM (Hawkes)
Corr. Solanaceae.

From Peru. Seed collected April 1971 by J. G. Hawkes, Department of Botany, University of Birmingham, Birmingham, England, and presented to Potato Introduction Station, Sturgeon Bay, Wisconsin. Numbered January 17, 1977.
HHC 5225. Road to Andahuaylas, 82.5 km from Abancay, Department Apurimac, Andahuaylas Province. Elevation 3,900 m. Received January 22, 1972.

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