

PI 543851 to 543853-continued

PI 543852 **origin:** United States. **origin institute:** USDA-ARS, California Agric. Exp. Sta., Davis, California. **cultivar:** M-101 GENETIC MS I-2. **pedigree:** Induced by gamma rays from cultivar, M-101. **remarks:** Recessive genetic male sterile, complete pollen abortion, normal female fertility, high outcrossing, 15-20%. Seed source, 1983 Davis rows, bulked fertile plants in rows segregating 3 fertile, 1 sterile. Seeds should produce plants segregating 5 fertile, 1 sterile. Reference: Crop Sci. 24:523, 1984. Cultivated. Seed.

PI 543853 **origin:** United States. **origin institute:** USDA-ARS, California Agric. Exp. Sta., Davis, California. **cultivar:** M-201 NP GENETIC MS. **pedigree:** Induced by streptomycin from cultivar, M-201. **remarks:** Recessive genetic male sterile, no pollen produced, normal female fertility, high outcrossing 20-25%. Seed source, 1988 Davis row, bulked fertile plants in row segregating 3 fertile, 1 sterile. Seeds should produce plants segregating 5 fertile, 1 sterile. Reference: UC Davis PhD Dissertation: Hu, Jinguo, 1989. Cultivated. Seed.

PI 543854. *Paspalum vaginatum* Swartz POACEAE

Donated by: Sakamoto, G.S., USDA-SCS, Hoolehua, Hawaii, United States. **remarks:** Joint release of USDA-SCS and Hawaii Institute of Tropiculture Agriculture and Human Resources. Received July 02, 1990.

donor id: 9037868. **origin:** United States. **cultivar:** TROPIC SHORE. **other id:** T-37868. **other id:** HA-190. **remarks:** Perennial creeping, stoloniferous & rhizomatous 38-50.8cm tall. Developed for stabilizing shoreline, banks of aquaculture ponds, canals and streams with brackish and salty water. Less aggressive with regard to growing out in the water. May be planted for pasture, lawns and other uses where only salt water is available. May also be used for erosion control where the water is nonsaline. Adapted to. Perennial. Cultivar. Plant.

PI 543855. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Mansur, L.M., Iowa Agr. and Home Econ. Exp. Station, Iowa State University, 1210 Agronomy, Ames, Iowa, United States; and Agricultural Research Service -- USDA; and Puerto Rico Agr. Exp. Sta.. **remarks:** Newton Soybean. Received September 19, 1990.