

PI 564512 to 564514-continued

PI 564513 **origin:** United States. **developed:** W.W. Hanna, B.R. Wiseman, R.R. Duncan.. **origin institute:** Agricultural Research Service -- USDA, University of Georgia, Agric. Res. Sta., Agronomy Dept., Coastal Plain Exp. Sta., Tifton, Georgia 31793 United States. **cultivar:** TIFT MR9115. **pedigree:** TAM 2782//Redbine 60/PI 383856. **other id:** GP-372. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Highly resistant to sorghum midge. White seeded with a testa and maintains sterility of the A1 cytoplasm in crosses with Tx623. 1.4m tall and has a compact panicle. Flowers in 58 to 65 days after planting at Tifton, GA. Breeding Material. Seed.

PI 564514 **origin:** United States. **developed:** W.W. Hanna, B.R. Wiseman, R.R. Duncan.. **origin institute:** Agricultural Research Service -- USDA, University of Georgia, Agric. Res. Sta., Agronomy Dept., Coastal Plain Exp. Sta., Tifton, Georgia 31793 United States. **cultivar:** TIFT MR9120. **pedigree:** TAM 2782//Redbine 60/PI 383856. **other id:** GP-373. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Highly resistant to sorghum midge. White seeded with a testa and maintains sterility of the A1 cytoplasm in crosses with Tx623. 1.6m tall and has an open panicle similar to PI 383856. Flowers in 58 to 65 days after planting at Tifton, GA. Breeding Material. Seed.

PI 564515. *Helianthus* sp. ASTERACEAE Sunflower

**Donated by:** Seiler, G.J., Agricultural Research Service -- USDA, P.O. Box 5677, Fargo, North Dakota 58105, United States. Received December 16, 1992.

**origin:** United States. **developed:** G.J. Seiler. **origin institute:** Agricultural Research Service -- USDA, P.O. Box 5677, Fargo, North Dakota 58105 United States. **cultivar:** TUB-365. **pedigree:** cms HA 89\*3 (*Helianthus annuus*)/TUB-365 (*H. tuberosus*)F4. **other id:** GP-182. **group:** CSR-SUNFLOWER. **restricted:** CSR. **remarks:** Plants single headed. Plant height 116cm. Flowering (50%) 66 days after planting. Self-compatibility (seed set under bags) 89%. Viable pollen staining 93%. 100 seed weight 4.2g. Test weight 280 kg/m<sup>3</sup>. Oil content 36.4%. Spring Annual. Breeding Material. Seed.

PI 564516. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

**Donated by:** Hanna, W.W., Agricultural Research Service -- USDA, Georgia Coastal Plain Experiment Station, Tifton, Georgia 31793, United States; and Georgia Agr. Exp. Sta.. **remarks:** A1/B/Tift 90D2E1 pearl millet parental lines. Received December 10, 1992.