

PI 509047 to 509049-continued

PI 509048 donor id: Pennorchard C. origin: United States. other id: GP-53. group: CSR-ORCHARDGRASS. remarks: Good yield and quality. disease resistance: Tolerance to purple leaf spot, rust, and powdery mildew. Breeding Material. Seed.

PI 509049 donor id: Pennorchard D. origin: United States. remarks: Good yield and quality. disease resistance: Tolerance to purple leaf spot, rust, and powdery mildew. Breeding Material. Seed.

PI 509050. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Duncan, R.R., Department of Agronomy, Georgia Experiment Station, Griffin, Georgia, United States. Received May 15, 1987.

donor id: GPTM3BR(H)C4. origin: United States. other id: GP-210. group: CSR-SORGHUM. remarks: Plants variable in height, grain color, and panicle type. Population developed for use in breeding Fusarium head blight/stalk rot resistant cultivars. disease resistance: Foliar disease, Fusarium head blight, stalk rot & grain mold. Breeding Material. Seed.

PI 509051 to 509066. Helianthus annuus L. ASTERACEAE Sunflower

Donated by: Miller, J.F., USDA-ARS, North Dakota State University, Fargo, North Dakota, United States. Received May 15, 1987.

PI 509051 donor id: HA 341. origin: United States. pedigree: HA 89 *2/Pervenets. other id: GP-67. group: CSR-SUNFLOWER. remarks: Female oilseed line, with high oleic acid content (89.6%). Potential female parent of hybrids. Selected for height, flowering date, maturity and seed quality similar to HA 89. Breeding Material. Seed.

PI 509052 donor id: HA 342. origin: United States. pedigree: HA 89 *2/Pervenets. other id: GP-68. group: CSR-SUNFLOWER. remarks: Female oilseed line, with high oleic acid content (85.0%). Potential female parent of hybrids. Selected for height, flowering date, maturity and seed quality similar to HA 89. Breeding Material. Seed.

PI 509053 donor id: HA 343. origin: United States. pedigree: HA 89 *2/Pervenets. other id: GP-69. group: CSR-SUNFLOWER. remarks: Female oilseed line, with high oleic acid content (87.3%). Potential female parent of hybrids. Selected for height, flowering date, maturity and seed quality similar to HA 89. Breeding Material. Seed.