

The following were donated by Jerry F. Miller, USDA, ARS, Northern Crops Research Laboratory, P.O. Box 5677, Fargo, North Dakota 58105, United States. Received 02/25/1985.

**PI 599786. *Helianthus annuus* L.**

Breeding. Inbred. RHA 271; Ames 4038; Ames 4091. Developed in United States. Recessive branching restorer.

**PI 599787. *Helianthus annuus* L.**

RHA 272; Ames 4039; Ames 4092. Developed in United States. Recessive branching restorer with rust resistance.

The following were developed by G. N. Fick, USDA, ARS, North Dakota Agric. Exp. Sta., Fargo, North Dakota 58102, United States; D.E. Zimmer, USDA, ARS, North Dakota Agric. Exp. Sta., Fargo, North Dakota 58102, United States. Donated by Jerry F. Miller, USDA, ARS, Northern Crops Research Laboratory, P.O. Box 5677, Fargo, North Dakota 58105, United States. Received 02/25/1985.

**PI 599788. *Helianthus annuus* L.**

Breeding. RHA 293; Ames 4101. PL-14. Pedigree - Selected from the cross cmsHA 155/HIR 34/2/RHA 282. Nonoil restorer line.

The following were developed by W. W. Roath, U.S. Department of Agriculture, North Dakota State University, Waldron Hall, Fargo, North Dakota, United States; Thomas Gulya, USDA, ARS, North Dakota State University, Northern Crops Research Laboratory, Fargo, North Dakota 58105, United States; Jerry F. Miller, USDA, ARS, Northern Crops Research Laboratory, P.O. Box 5677, Fargo, North Dakota 58105, United States. Donated by Jerry F. Miller, USDA, ARS, Northern Crops Research Laboratory, P.O. Box 5677, Fargo, North Dakota 58105, United States. Received 02/25/1985.

**PI 599789. *Helianthus annuus* L.**

Breeding. RHA 311; Ames 4110. GP-13. Pedigree - S4 single plant selection derived from the parental line RHA 294. Nonoil restorer line with recessive branching.

The following were collected by Philip L. Forsline, USDA, ARS, Cornell University, Plant Genetic Resources Unit, Geneva, New York 14456-0462, United States; James Luby, University of Minnesota, Department of Horticultural Science, 342 Alderman Hall, St. Paul, Minnesota 55108, United States; Elizabeth E. Dickson, The University of Calgary, Herbarium, Dept. of Biological Sciences, 2500 University Drive NW, Calgary, Alberta T2N 1N4, Canada. Donated by Philip L. Forsline, USDA, ARS, Cornell University, Plant Genetic Resources Unit, Geneva, New York 14456-0462, United States. Received 09/21/1995.

**PI 599790. *Malus sieversii* (Ledeb.) M. Roem.**

Wild. Kaz 95 01-01P-1; GMAL 3700. Collected 08/26/1995 in Kazakhstan. Latitude 43 deg. 6' 58'' N. Longitude 76 deg. 47' 46'' E. Elevation 1400 m. Zielisky Alatau Province. Almaty village. 17 km South to Southwest of Almaty Center. Aksay river West side of Zielisky Apple Belt. Land form - valley near river. Gravely loam soil, some stoniness. Good drainage.