

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; North Dakota Agr. Exp. Sta., North Dakota, United States. Received 02/14/1994.

PI 578871. *Helianthus annuus* L.

Breeding. HA 382. GP-189. Pedigree - F5-derived F7 maintainer line selected from HA 89/82 Rom. B- line composite. Homozygous for resistance to Verticillium wilt (*Verticillium dahliae*). Hybrids with RHA 274 and RHA 801 exhibited plant height 148cm. Days from planting to flowering 64. Days from planting to maturity 101. Oil content (dry weight basis) 456g kg-1. Earlier maturity and fast dry-down characteristics compared with check hybrids 894 and cmsHA 821/RHA 274.

PI 578872. *Helianthus annuus* L.

Breeding. HA 383. GP-190. Pedigree - F5-derived F7 maintainer line selected from HA 300/CM 400. Homozygous for resistance to Verticillium wilt (*Verticillium dahliae*). Hybrids with RHA 274 and RHA 801 exhibited plant height 163cm. Days from planting to flowering 64. Days from planting to maturity 103. Oil content (dry weight basis) 464g kg-1.

PI 578873. *Helianthus annuus* L.

Breeding. HA 384. GP-191. Pedigree - F6-derived F8 maintainer line selected from HA 300/07657. Homozygous for resistance to Verticillium wilt (*Verticillium dahliae*). Hybrids with RHA 274 and RHA 801 exhibited plant height 163cm. Days from planting to flowering 63. Days from planting to maturity 103. Oil content (dry weight basis) 486g kg-1. Significantly higher oil content than check hybrids 894 and cmsHA 821/RHA 274.

PI 578874. *Helianthus annuus* L.

Breeding. HA 385. GP-192. Pedigree - S6 maintainer line selected from Cycle 2 of Verticillium Wilt Resistant B-line Synthetic (VWRBS). Homozygous for resistance to Verticillium wilt (*Verticillium dahliae*). Hybrids with RHA 274 and RHA 801 exhibited plant height 158cm. Days from planting to flowering 63. Days from planting to maturity 102. Oil content (dry weight basis) 466g kg-1.

The following were developed by Finelawn Research, United States. Received 05/11/1994.

PI 578875. *Festuca arundinacea* Schreber
Cultivar. "FINELAWN PETITE". PVP 9400150.

The following were developed by Western Plant Breeders, Inc., United States. Received 05/11/1994.

PI 578876. *Hordeum vulgare* L. ssp. *vulgare*
Cultivar. "WESTFORD". PVP 9400151.

The following were developed by Stoneville Pedigreed Seed Company, United States. Received 05/11/1994.

PI 578877. *Gossypium hirsutum* L.
Cultivar. "ST 474". PVP 9400152.

The following were developed by Pickseed West, Inc., P.O. Box 888, 33149 Highway 99E, Tangent, Oregon 97389, United States. Received 05/11/1994.

PI 578878. *Lolium perenne* L.