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**PI 599976. Helianthus annuus L.**

Breeding. HA 306; Ames 4078. PL-26. Nonoil, rust resistant.

**PI 599977. Helianthus annuus L.**

Breeding. HA 307; Ames 4079. PL-27. Nonoil, rust resistant.

**PI 599978. Helianthus annuus L.**

Breeding. HA 308; Ames 4080. PL-28. Nonoil, rust resistant.

The following were developed by T. E. Thompson, USDA Southwestern Great Plains Research, Center, Bushland, Texas, United States; R.E. Stafford, Cropping Systems Res. Lab., USDA-ARS, Route 3, Box 215, Lubbock, Texas 79401, United States. Donated by R. Stafford, USDA, ARS, P.O. Box 1658, Vernon, Texas 76384, United States. Received 07/1982.

**PI 599979. Helianthus annuus L.**

Breeding. HA 207; T 63009-5-3-3-10-4-1-2; Ames 3984. PL-31. Resistant to charcoal rot & rust. Mid-season mature, single-headed, average height 97 cm, black hulled seed. Potential value in breeding programs and in production of charcoal rot resistant F1 hybrids.

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 11/1982.

**PI 599980. Helianthus annuus L.**

Breeding. RHA 309; Ames 4108. GP-11. Line with fertility restorer genes and released for use as male parents in nonoilseed hybrids. Uniform hull color (black with white stripes). Recessive branching. Resistant to race 2 of d.

**PI 599981. Helianthus annuus L.**

Breeding. RHA 310; Ames 4109. GP-12. Line with fertility restorer genes and released for use as male parents in nonoilseed hybrids. Uniform hull color (black with white stripes). Recessive branching. Resistant to race 2 of downey mildew, moderately resistant to rust.

The following were developed by 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