

PI 531059-continued

donor id: 1961. **origin:** United States. **collected:** September 01, 1987. **collector:** G. Seiler, J. Pomeroy, R. Marinkovic. **collector id:** 1961. **other id:** Ames 7936. **group:** Ames. **locality:** Rocky soil, roadside, 19.2km W of Cheyenne, Hwy I-80W, Laramie County. **latitude:** 41 deg. 08 min. N. **longitude:** 104 deg. 50 min. W. **remarks:** Population 60 plants. Typical. Rootstocks weak with no large rhizomes. Seed set good. Perennial. Wild. Seed.

PI 531060. *Helianthus rigidus* subsp. *subrhomboides* (Rydb.) Heiser
ASTERACEAE Stiff sunflower

Donated by: Seiler, G., Conservation and Production Res. Lab., USDA-ARS, P.O. Drawer 10, Bushland, Texas, United States. Received July 14, 1988.

donor id: 2012. **origin:** United States. **collected:** September 12, 1987. **collector:** G. Seiler, R. Marinkovic. **collector id:** 2012. **other id:** Ames 7987. **group:** Ames. **locality:** Sandy roadside ditch, mixed with grasses, 8.0km W of Walcott, Hwy 46W, Richland County. **latitude:** 46 deg. 32 min. N. **longitude:** 96 deg. 48 min. W. **remarks:** Population large, 100 plants, scattered, past flowering. Plants branched above. Stems and leaves possess anthocyanin. No rust or aphids. Perennial. Wild. Seed.

PI 531061 to 531066. *Hordeum vulgare* L. POACEAE Barley

Donated by: Giles, R.J., Plant Breeding International, Maris Lane, Trumpington, Cambridge CB22LG, England, United Kingdom. **remarks:** J.G. Moseman, Germplasm Quality and Enhancement Lab, USDA-ARS, Beltsville, Maryland. Received October 1985.

PI 531061 **donor id:** 18240. **origin:** United Kingdom. **cultivar:** CARNIVAL. **pedigree:** Trumpf/Bulbeck. **disease resistance:** High to powdery mildew (*Erysiphe graminis*). Spring Annual. Cultivar. Seed.

PI 531062 **donor id:** 18542. **origin:** United Kingdom. **cultivar:** HALCYON. **pedigree:** Warboys/Maris Otter. **disease resistance:** Powdery mildew (*Erysiphe graminis*). Leaf rust. (*Puccinia recondita*). Winter Annual. Cultivar. Seed.

PI 531063 **donor id:** 18546. **origin:** United Kingdom. **cultivar:** EDEN. **pedigree:** Katy/Sonja. **disease resistance:** Powdery mildew (*Erysiphe graminis*). Winter Annual. Cultivar. Seed.