

PI 547203 to 547204-continued

PI 547203 **origin:** United States. **collected:** September 21, 1989. **collector id:** HIR-2065. **other id:** Ames 13031. **source:** NC-7. **group:** Ames. **locality:** Restricted to roadside bank in ditch, opposite wooded area along slope of road. Open habitat. Hwy. 73W, 12km north of Locust Grove, Adams County. **latitude:** 39 deg. 02 min. W. **longitude:** 83 deg. 19 min. N. **remarks:** Seed collected from 50 plants, small isolated population. Past flowering, good seed set. Typical *H. hirsutus* opposite leaves, decussate ciliate petioles, short dark green leaves. Stems red (purple). About 5cm between leaf petioles. Bracts reflexed. Specimen collected. Collection #2065. Seed.

PI 547204 **origin:** United States. **collected:** September 24, 1989. **collector id:** HIR-2092. **other id:** Ames 13032. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch along edge of woods. Hwy. 24E, 3.2km east of Clayton, Adams County. **latitude:** 40 deg. 02 min. W. **longitude:** 90 deg. 54 min. N. **remarks:** Seed collected from 250 plants, very dense large population. Plants all much past flowering, good seed set. Many heads were dry and already shattered seeds. Very typical *hirsutus* plants. Dark green leaves, short ciliate petioles, most single headed, some slightly branched above. Plants typical height. Specimen collected. Rust present on many leaves, but not severe. Collection #2092. Seed.

PI 547205 to 547208. *Helianthus maximiliani* Schrader ASTERACEAE

Donated by: Seiler, G.J., Agricultural Research Service -- USDA, P.O. Box 5677, Fargo, North Dakota, United States. Received February 12, 1991.

PI 547205 **origin:** United States. **collected:** September 16, 1989. **collector id:** MAX-2031. **other id:** Ames 13033. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch, along tree row for about 100m, along waste area by Industrial Plant. Population scattered. Hwy. 251S, 26km south of Rochelle, Lee County. **latitude:** 41 deg. 43 min. W. **longitude:** 89 deg. 05 min. N. **remarks:** Seed collected from 75 plants, and rhizome collected. Peak flowering, good seed set. Plants appear to be *H. maximiliani*, leaf arrangement folded long narrow leaves, but not as pubescent as typical *H. maximiliani*. Also some plants like Ames 13041. Insect galls. No rust, maybe *Phomopsis*. Specimen collected. Collection #2031. Seed.