

PI 547227 to 547248-continued

- PI 547241 **origin:** United States. **collected:** September 21, 1989. **collector id:** TUB-2066. **other id:** Ames 13069. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, along edge of corn field and fence row, in clay soil. Hwy. 73W, just west of New Vienna, Clinton County. **latitude:** 39 deg. 19 min. W. **longitude:** 83 deg. 42 min. N. **remarks:** Seed collected from 45 plants. Plants larger near edge of corn. Seed set 1-3 seeds per head. Population past flowering, but head not brown(dry). Had many single headed plants in dryer area, lower leaf surface tomentose and very ribbed. Larger plants had large leaves. Bracts not reflex as much as typical hirsutus. Leaf petioles mostly about 2.5 cm long, ciliate. Specimen collected. Collection #2066. Seed.
- PI 547242 **origin:** United States. **collected:** September 21, 1989. **collector id:** TUB-2067. **other id:** Ames 13070. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch, along woods and edge of corn field, in clay soil. Near Twin River bridge, Hwy. 123E, 0.6km southeast of Sunbury, Montgomery County. **latitude:** 39 deg. 36 min. W. **longitude:** 84 deg. 21 min. N. **remarks:** Seed collected from 40 plants, scattered population in variable habitat. Past peak flowering, seed set 1-3 seeds per head. Very severe rust on most leaves. Powdery mildew very common. Habitat in drier areas not typical of *H. tuberosus*, has some *strumosus* characteristics. Specimen collected. Collection #2067. Seed.
- PI 547243 **origin:** United States. **collected:** September 22, 1989. **collector id:** TUB-2069. **other id:** Ames 13071. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, on edge of corn field, in clay soil. Hwy. 3S, 6.7km south of Rushville, Rush County. **latitude:** 39 deg. 34 min. W. **longitude:** 85 deg. 27 min. N. **remarks:** Seed collected from 40 plants, small isolated population. Plants just past peak flowering, 1-3 seeds per head. Plant had large lower leaves, up to 6" wide. Stem glabrous. Spray damage to some plants. Severe rust on most plants. Powdery mildew present. Specimen collected. Collection #2069. Seed.