

PI 547227 to 547248-continued

- PI 547238 **origin:** United States. **collected:** September 21, 1989. **collector id:** TUB-2062. **other id:** Ames 13066. **source:** NC-7. **group:** Ames. **locality:** Large population scattered over 0.4km of recently disturbed area, along pushed-up ridge, on edge of wooded area, in clay soil. Hwy. 104N, 3.5km north of Bourneville, Ross County. **latitude:** 39 deg. 18 min. W. **longitude:** 83 deg. 09 min. N. **remarks:** Seed collected from over 100 plants. Plants just at peak flowering, seed set 3-5 seed per head. Plants had purple stems. Lower leaves very large, dark green very rough. Several plants had insect galls. Few plants had verticillium wilt. Most plants branched above. Specimen collected. Collection #2062. Seed.
- PI 547239 **origin:** United States. **collected:** September 21, 1989. **collector id:** TUB-2063. **other id:** Ames 13067. **source:** NC-7. **group:** Ames. **locality:** Along fence row next to alfalfa field, along roadside ditch. Hwy. 41S, 17.3km south of Cynthiana, Adams County. **latitude:** 39 deg. 01 min. W. **longitude:** 83 deg. 12 min. N. **remarks:** Seed collected from 25 plants, small isolated population. Past peak flowering, seed set 1-2 seeds per head. Plant had opposite leaves decussate, branched above. Red stems on many plants, have pubescent lower stems. Lower leaves rough and large. Short leaves, ca. 2 cm long somewhat expanded. Specimen collected. Collection #2063. Seed.
- PI 547240 **origin:** United States. **collected:** September 21, 1989. **collector id:** TUB-2064. **other id:** Ames 13068. **source:** NC-7. **group:** Ames. **locality:** Edge of marshy-swampy area along roadside ditch, dry soil. Hwy. 73W, 11.2km north of Locust Grove, Adams County. **latitude:** 39 deg. 02 min. W. **longitude:** 83 deg. 19 min. N. **remarks:** Seed collected from 15 plants, small isolated population. Several plants were on a drier bank. These plants were all single headed, depauperate looking plants. Narrow leaves, short and less than 1m, thin stems. Plants by stream more typical of tuberosus, had enlarged rootstocks. No specimen collected. Collection #2064. Seed.