

Hwy. 156 E, Hodgeman County. Seed collected from 100 plants. Large population in roadside ditch, waste area at corner. Plants tall, some very compact, dark green leaves, leaves whitish also. Rodent damage to base (roots) of plants. Seed set good, some Suleima damage to heads. Population well past flowering. No apparent rust.

PI 586856. *Helianthus annuus* L.

Wild. Ames 17922; ANN 2179. Collected 09/12/1991 in Kansas, United States. Latitude 38 deg. 41' N. Longitude 98 deg. 42' W. Disturbed sandy soil in roadside ditch. 16.8 km east of Great Bend, Hwy. 56 E, Barton County. Seed collected from 43 plants. Population large, scattered along disturbed area of ditch. Plants just past peak flowering, good seed set. Typical Kansas *H. annuus*, tall, darker green leaves, slight rust problem, severe grasshopper damage.

PI 586857. *Helianthus annuus* L.

Wild. Ames 17923; ANN 2180. Collected 09/12/1991 in Kansas, United States. Latitude 38 deg. 40' N. Longitude 98 deg. 12' W. Disturbed sandy-loam soil in roadside ditch by bridge near stream. 25.3 km east of Lyons, Hwy. 56 E, McPherson County. Seed collected from 72 plants. Population scattered along roadside ditch by bridge with stream, backslope, sandy-loam soil. Typical *H. annuus* for Kansas, tall, branching above, numerous larger heads. Just past flowering, good seed set. No apparent rust. Some typical *H. tuberosus* in population, just beginning to flower.

PI 586858. *Helianthus annuus* L.

Wild. Ames 17924; ANN 2181. Collected 09/12/1991 in Kansas, United States. Latitude 38 deg. 42' N. Longitude 97 deg. 31' W. Sandy-loam soil in disturbed roadside ditch. 1.5 km east of Galva, Hwy 56 E, McPherson County. Seed collected from 30 plants. Population scattered along roadside ditch, backslope by drainage channel. Typical tall plant 2 - 2.5 m tall. Branching, spreading, dark green leaves. Good seed set, past peak flowering. No apparent rust.

The following were collected by Gerald Seiler, USDA, ARS, Northern Crop Science Lab., P.O. Box 5677, University Station, Fargo, North Dakota 58105, United States; Radovan Marinkovic, Institute of Field and Vegetable Crops, M. Gorkog 30, 21000, Novi Sad, Serbia, Yugoslavia; Surendra Duhoon, National Bureau of Plant Genetic Resources, I.A.R.I. Campus, PUSA, New Dehli, India. Donated by Gerald Seiler, USDA, ARS, Northern Crop Science Lab., P.O. Box 5677, University Station, Fargo, North Dakota 58105, United States. Received 10/17/1991.

PI 586859. *Helianthus annuus* L.

Wild. Ames 17925; ANN 2182. Collected 09/12/1991 in Kansas, United States. Latitude 38 deg. 40' N. Longitude 96 deg. 40' W. Disturbed roadside ditch. 1.6 km southwest of Elmdale, Intersection of Hwy. 50 S and 56 W, Chase County. Seed collected from 38 plants. Population small, scattered on ridge of road along disturbed drainage area. Typical *annuus*, tall, dark green leaves, branching, spreading above. Past peak flowering, good seed set. Moderate rust. Plants resembling *H. hirsutus*(?) present, probably depauperate *H. tuberosus*.

PI 586860. *Helianthus annuus* L.

Wild. Ames 17926; ANN 2183. Collected 09/12/1991 in Kansas, United States. Latitude 39 deg. 10' N. Longitude 95 deg. 1' W. Clay soil on backslope of roadside ditch. 9.6 km northeast of Tonganoxie, Hwy. 16, Douglas County. Seed collected from 25 plants. Population scattered on west facing slope of road, population very small, restricted to small area. Plants typical, ca. 2 m tall, branching, spreading. Good seed set, past peak flowering. Moderate to severe rust. *Helianthus grosseserratus* in population but just beginning to flower.