

The following were collected by Dajue Li, Beijing Botanical Garden, Institute of Botany, Chinese Academy of Science, Beijing, China. Received 01/30/1989.

PI 576979. *Carthamus tinctorius* L.

Cultivated. BJ-26; W6 242; Honghua. Collected 11/1978 in Fujian, China. Xiapu County, Fujian Province. Growing period duration 93 days. Plants 48.0cm tall. Leaves dentated and spiny. Head angle 44 degrees. Head diameter-2.4cm. Flowers orange. Oil content-18.99%. Linoleic acid-60.2%. Oleic acid-32.4%. Stearic acid-1.6%. Palmitic acid 5.9%.

PI 576980. *Carthamus tinctorius* L.

Cultivated. BJ-94; W6 1835. Collected 06/1980 in Italy. Milan. 100 seed weight-4.1g.

The following were collected by Y. Han. Donated by Dajue Li, Beijing Botanical Garden, Institute of Botany, Chinese Academy of Science, Beijing, China. Received 01/30/1989.

PI 576981. *Carthamus tinctorius* L.

Cultivated. BJ-2157; ZW-973; W6 1836. Collected 01/1986 in Gansu, China. Zhangye County, Gansu Province. Plants spineless. Flowers orange. Hull striped.

The following were collected by Dajue Li, Beijing Botanical Garden, Institute of Botany, Chinese Academy of Science, Beijing, China. Received 01/30/1989.

PI 576982. *Carthamus tinctorius* L.

Cultivated. BJ-233; W6 1837; Honghua. Collected 09/1981 in Hebei, China. Yongnian County, Hebei Province. Growing period 107 days. Plants 83cm tall. Branching angle 49 degrees. Head diameter-2.21cm. 100 seed weight-5.07g. Oil content-22.93%. Linoleic acid-74.6%. Oleic acid-16.0%. Stearic acid-2.2%. Palmitic acid-7.1%.

PI 576983. *Carthamus tinctorius* L.

Cultivated. BJ-177; W6 1838; Honghua. Collected 02/1981 in Hebei, China. Qinghe County, Hebei Province. Growing period 103 days. Plants 73.7cm tall, spiny. Branching angle 52 degrees. Head diameter-2.21cm. Flowers red. 100 seed weight-5.8g. Oil content-23.20%.

PI 576984. *Carthamus tinctorius* L.

Cultivated. BJ-151; W6 1839; Honghua. Collected 10/1980 in Ningxia, China. Yinchuan city, Ningxia Province. Plants 109cm tall. 100 seed weight-3.6g.

The following were collected by Dajue Li, Beijing Botanical Garden, Institute of Botany, Chinese Academy of Science, Beijing, China. Developed by Jardins Botaniques de La Ville, et De L'universite, Nancy, France. Received 01/30/1989.

PI 576985. *Carthamus tinctorius* L.

Cultivated. BJ-157; W6 1840. Collected 10/1980 in France.

The following were collected by Dajue Li, Beijing Botanical Garden, Institute of Botany, Chinese Academy of Science, Beijing, China. Received 01/30/1989.

PI 576986. *Carthamus tinctorius* L.

Cultivated. BJ-161; W6 1841. Collected 09/1980 in Jiangsu, China. Hongze County, Jiangsu Province.

PI 576987. *Carthamus tinctorius* L.