

PI 543974 to 544063-continued

- PI 544048 **origin:** China. **local name:** Honghua. **collected:** March 1983. **collector id:** BJ-496. **other id:** W6 275. **group:** W6. **locality:** Wuwei county, Anhui Province. **remarks:** Plants 52.6cm tall. Branching angle 42 degrees. Head diameter-1.76cm. Flowers orange. Oil content-22.36%. Linoleic acid-77.0%. Oleic acid-13.8%. Stearic acid-2.2%. Palmitic acid-6.2%. Annual. Cultivated. Seed.
- PI 544049 **origin:** China. **local name:** Honghua. **collector id:** BJ-509. **other id:** W6 276. **group:** W6. **locality:** Taiping County, Anhui Province. **remarks:** Growing period 83 days. Plants 75.5cm tall, very spiny. Branching angle 52 degrees. Head diameter-2.2cm. Flowers orange. 100 seed weight-3.47g. Oil content-18.08%. Annual. Cultivated. Seed.
- PI 544050 **origin:** China. **local name:** Honghua. **collected:** October 1983. **collector id:** BJ-511. **other id:** W6 277. **group:** W6. **locality:** Wuxi City, Jiangsu Province. **remarks:** Growing period 86 days. Plants 64.2cm tall, spiny. Branching angle 44 degrees. Head diameter-2.04cm. Flowers orange. 100 seed weight-3.47g. Oil content-19.43%. Annual. Cultivated. Seed.
- PI 544051 **origin:** China. **local name:** Honghua. **collected:** October 1983. **collector id:** BJ-593. **other id:** W6 278. **group:** W6. **locality:** Chuanhong, Chongqing City, Sichuan Province. Annual. Cultivated. Seed.
- PI 544052 **origin:** China. **local name:** Honghua. **collected:** June 1987. **collector id:** BJ-2155. **other id:** ZW-971. **other id:** W6 279. **group:** W6. **locality:** Zhangye County, Gansu Province. **remarks:** Plants spineless. Flowers orange. Hull striped. Annual. Cultivated. Seed.
- PI 544053 **origin:** China. **local name:** Honghua. **collected:** June 1986. **collector id:** BJ-2156. **other id:** ZW-972. **other id:** W6 280. **group:** W6. **locality:** Zhangye County, Gansu Province. **remarks:** Plants spineless. Flowers orange. Hull striped. Annual. Cultivated. Seed.
- PI 544054 **origin:** China. **origin institute:** Hangzhou Pharmaceutical Institute. **collected:** July 08, 1988. **collector id:** C-1. **other id:** W6 281. **group:** W6. **remarks:** Plants 80cm tall, spiny type. Flowers orange. Matures April or May. Seed harvested 1988. Flowers used for medicinal purposes. Annual. Cultivated. Seed.