

PI 572456 to 572469-continued

PI 572469 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 3119. **pedigree:** Sel. from PI 250523. **other id:** GP-31. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12805. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.

PI 572470. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Dietz, S.M., USDA-ARS, Western Regional PI Station, Washington State University, Pullman, Washington 99164, United States. Received 1982.

origin: UNKNOWN. **cultivar:** B 8-5-5. **other id:** W6 12806. **group:** W6. Cultivar. Seed.

PI 572471. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Welsh, J., Montana Agr. Exp. Sta., Montana State University, 202 Linfield Hall, Bozeman, Montana 59717, United States; and North Dakota Agr. Exp. Sta.. Received 1982.

origin: United States. **developed:** J.W. Bergman, N.R. Riveland. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Eastern Agr. Res. Ctr., Sidney, Montana 59270 United States. **cultivar:** SIDWILL. **pedigree:** Sidney Sel. 87-42-3/AC-1. **other id:** CV-9. **source:** Crop Sci. 23(5):1012 1983. **group:** CSR-SAFFLOWER. **other id:** W6 12807. **group:** W6. **remarks:** Resistance to *Alternaria* leaf spot and bacterial blight (*Pseudomonas syringae*). Plants predominantly spiny and average one day later in flowering than S-208. (S-208 is a normal hull cv. commercially grown in Montana and ND.) Seeds predominately striped hull. Flowers yellow with an occasional red segregate. Cultivar. Seed.

PI 572472. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Bergman, J.W., Montana Agr. Exp. Sta., Montana State University, Sidney, Montana 59270, United States. Received 1985.