

PI 572444 to 572447. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Urie, A.L., Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321, United States; and California Agr. Exp. Sta.. Received 1971.

PI 572444 **origin:** United States. **developed:** A.L. Urie, D.E. Zimmer. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** REDUCED HULL-1. **pedigree:** Ute/13049, F6. **other id:** GP-6. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12780. **group:** W6. **remarks:** Possess 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,429kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately susceptible to rust. Cultivar. Seed.

PI 572445 **origin:** United States. **cultivar:** REDUCED HULL-2. **pedigree:** Ute/13049, F6. **other id:** GP-7. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12781. **group:** W6. **remarks:** Possesses 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,496kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately susceptible to rust. Cultivar. Seed.

PI 572446 **origin:** United States. **cultivar:** REDUCED HULL-3. **pedigree:** Ute/13049, F6. **other id:** GP-8. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12782. **group:** W6. **remarks:** Possesses 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,480kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately. Cultivar. Seed.

PI 572447 **origin:** United States. **cultivar:** REDUCED HULL-4. **pedigree:** Ute/13049, F6. **other id:** GP-9. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12783. **group:** W6. **remarks:** Possesses 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,022kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately susceptible to rust. Cultivar. Seed.