

PI 573005. *Triticum durum* Desf. POACEAE Durum wheat

Donated by: Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.

origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **cultivar:** IMPERIAL. **pedigree:** Selection from a composite cross population consisting of CIMMYT cultivars and an Italian cultivar. **other id:** PVP 8800232. **source:** Certificate in force. **group:** PVPO. **patent:** PVPO. **remarks:** Adapted to the Desert Durum areas of California and Arizona. Excellent semolina color and strong gluten with high protein concentration and yield make it satisfactory for domestic and export pasta production. Cultivar. Seed.

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origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **origin institute id:** SDP-91-S-1-2. **cultivar:** SOUTHWEST DURUM MALE STERILE POPULATION. **pedigree:** Two DES-induced male sterile sources (non-allelic) in a population of durum wheat adapted to the southwest U.S. **remarks:** Contains two non-allelic sources of male sterility in durum wheat. Each male sterile gene is recessive and segregates in a 3 to 1 ratio. The population segregates in a 9 to 7 ratio. The male steriles were induced by treating durum wheat with DES. The population is adapted for the high yield irrigated conditions of the southwest deserts of the United States. Breeding Material. Seed.

PI 573007. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Dwivedi, S.L., ICRISAT, Genetic Resources Unit, Patancheru P.O., Andhra Pradesh 502 324, India. **remarks:** ICGV 86564 Peanut Germplasm. Received August 25, 1993.