

PI 518665. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Hartwig, E.E., USDA-ARS, Delta Branch, Miss. Agric. & Forestry Exp. Station, P.O. Box 196, Stoneville, Mississippi, United States. **remarks:** Joint contribution by USDA-ARS, the Delta Branch, Mississippi Agricultural and Forestry Experiment Station, the Florida Agricultural Experiment Station and Rio Farms, Inc. Received April 13, 1988.

donor id: F83-1415. **origin:** United States. **cultivar:** PADRE. **pedigree:** Forrest*3/D77-12480. **other id:** CV-216. **source:** Crop Sci. 28(6):1025. **group:** CSR-SOYBEAN. **remarks:** Group VII maturity in Mississippi, Group IX in lower Rio Grande valley. Plants 90-100cm, determinate. Flowers white. Pubescence tawny. Pod walls tan. Seeds yellow with black hila. Yield high. Adapted to a wide range of planting dates in the lower Rio Grande Valley. **nematode resistance:** *Rotylenchulus reniformis*. Cultivar. Seed.

PI 518666 to 518667. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Fehr, W.R., Dept. of Agronomy, Iowa State University, Ames, Iowa, United States. Received April 13, 1988.

PI 518666 **origin:** United States. **cultivar:** ELGIN 87. **pedigree:** Elgin*5/Williams 82. **other id:** CV-217. **source:** Crop Sci. 28(6):1025. **group:** CSR-SOYBEAN. **remarks:** Maturity group II, best adapted to 42-44 degrees N latitude. Flowers purple. Pubescence tawny. Pods brown at maturity. Seed yellow, shiny with black hila. Susceptible to brown stem rot, bacterial tan spot, pod and stem blight, and soybean mosaic virus. **disease resistance:** *Phytophthora* rot (*Phytophthora megasperma* f. sp. *glycinea*). Cultivar. Seed.

PI 518667 **origin:** United States. **cultivar:** HARPER 87. **pedigree:** Harper*6/Williams 82. **other id:** CV-218. **source:** Crop Sci. 28(6):1026. **group:** CSR-SOYBEAN. **remarks:** Maturity group III, best adapted to approx. 40-42 degrees N latitude. Flowers purple. Pubescence tawny. Pods brown at maturity. Seeds yellow, shiny with black hila. Susceptible to Fe-deficiency chlorosis on calcareous soil. Moderately susceptible to purple stain (*Cercospora kikuchii*), downy mildew (*Peronospora manshurica*) and bacterial tan spot. Susceptible to brown stem rot and soybean mosaic virus. **disease resistance:** *Phytophthora* rot (*Phytophthora megasperma* f. sp. *glycinea*). Cultivar. Seed.