

PI 550545. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Jellum, M. D., Georgia Agr. Exp. Sta., Department of Agronomy, Experiment, Georgia, United States. Received 1984.

**origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Department of Agronomy, Experiment, Georgia 30212. **cultivar:** GE180. **pedigree:** Selected from PI 175334 (Tusa Rani from Nepal). **other id:** GP-129. **source:** Crop Sci. 24(4):829 1984. **group:** CSR-MAIZE. **remarks:** Plant averages 165 cm high. Ears about 65 cm above ground level. Tassels medium size. Leaves narrow. Silks 65-70 days after planting. Husks long. Grain white, semi-flint type on white cob. Highest stearic acid level in germ oil reported. Annual. Breeding Material. Seed.

PI 550546 to 550548. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Williams, W. P., Agricultural Research Service -- USDA, Mississippi State University, P.O. Box 5248, State College, Mississippi, United States. Received 1984.

PI 550546 **origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, State College, Mississippi 39762. **cultivar:** MP705. **pedigree:** Developed by selfing selections from MpSWCB-4 for 8 generations. **other id:** GP-130. **source:** Crop Sci. 24(6):1217 1984. **group:** CSR-MAIZE. **remarks:** Plant short to medium in height. Kernels white. Cobs white. Pollen production and seed yield good. Maturity is AES1100. Resistant to southwestern corn borer (*Diatraea grandiosella*) and fall armyworm (*Spodoptera frugiperda*). Intermediate resistance to southern corn rust (*Puccinia polysora*). Annual. Breeding Material. Seed.

PI 550547 **origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, State College, Mississippi 39762. **cultivar:** MP706. **pedigree:** Developed by selfing selections from MpSWCB-4 for 8 generations. **other id:** GP-131. **source:** Crop Sci. 24(6):1217 1984. **group:** CSR-MAIZE. **remarks:** Plants short to medium in height. Kernels yellow. Cob white. Pollen production and seed yield good. Maturity is AES1100. Resistant to southwestern corn borer (*Diatraea grandiosella*) and fall armyworm (*Spodoptera frugiperda*). Intermediate resistance to southern corn rust (*Puccinia polysora*). Annual. Breeding Material. Seed.