

PI 573097. *Panicum coloratum* L. POACEAE Kleingrass

Donated by: Tischler, C.R., Agricultural Research Service -- USDA, Grassland, Soil, and Water Res. Lab., 808 E. Blackland Road, Temple, Texas 76502, United States. **remarks:** TEM-SV1 Kleingrass. Received September 23, 1993.

origin: United States. **developed:** B.A. Young, C.R. Tischler. **origin institute:** Agricultural Research Service -- USDA, Grassland, Soil, and Water Research Lab., 808 E. Blackland Rd., Temple, Texas 76502 United States. **cultivar:** TEM-SV1. **pedigree:** From a base population of Selection-75, plants from selection cycle 3 for increased shoot fresh mass at 14 days after emergence were recombined in an isolation nursery (polycross). **other id:** GP-67. **group:** CSR-OTHER GRASSES. **restricted:** CSR. **remarks:** Selected for increased seedling shoot growth rate. Morphologically indistinguishable from Selection -75. Seedlings grow faster than those of Selection-75, having 33% and 20% greater shoot dry mass at 16 and 30 days after emergence in field evaluations. Seed have greater carbohydrate reserves than seed of Selection-75 and an average mass of 0.93mg/seed. Perennial. Genetic Material. Seed.

PI 573098. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Pratt, R.C., Ohio Agr. Res. and Dev. Center, Ohio State University, Wooster, Ohio 44691, United States; and Agricultural Research Service -- USDA. **remarks:** Oh603 Maize Inbred. Received September 23, 1993.

origin: United States. **developed:** Richard C. Pratt, E.J. Dollinger. **origin institute:** Ohio Agr. Res. and Dev. Center, Ohio State University, 1680 Madison Ave., Wooster, Ohio 44691 United States. **cultivar:** Oh603. **pedigree:** OhSCB-TF(CO). Inbred derived from Ohio Synthetic Corn Belt- Tropical Flint Cycle Zero Population. **other id:** GP-295. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Excellent yield and grain dry-down. Stalk and root lodging resistance average (essentially equal to Mol7). Grain protein good. Oil compositional 1.0% unit above, and 0.3% units above B73 and Mol7, respectively. Moderately prolific and excellent pollent producer. Ear placement slightly above mid-plant height (0.54-0.55). Intermediate resistance to leaf blights and rusts. Kernels yellow, flinty, produced on 12-rowed ears with sound, white cobs. Mid-silk date 5 days later than B73. Spring Annual. Breeding Material. Seed.