

PI 556978 to 556979. *Gossypium hirsutum* L. MALVACEAE Upland cotton

**Donated by:** Bourland, F.M., Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, Mississippi State, Mississippi, United States; and Arkansas Agr. Exp. Sta.. **remarks:** Miscot 7801 and 7824 Cotton Germplasms. Received October 23, 1991.

PI 556978 **origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, Mississippi State, Mississippi 39762. **cultivar:** MISCOT 7801. **pedigree:** Des 24/Des 56. **other id:** GP-506. **group:** CSR-COTTON. **remarks:** Maturity early. Combining ability very good. Morphological characteristics, yield maturity, and fiber properties very similar to Des 56. Partial resistance to fusarium wilt (*Fusarium oxysporum* f. sp. *vasinfectum*) and to tobacco budworm (*Heliothis virescens*). Perennial. Breeding Material. Seed.

PI 556979 **origin:** United States. **historical origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State University, Mississippi State, Mississippi 39762. **cultivar:** MISCOT 7824. **pedigree:** Delcot 277J / TX LE-68-73. **other id:** GP-507. **group:** CSR-COTTON. **remarks:** Maturity early. Combining ability very good. Morphological and fiber characteristics similar to Delcot 277J. Maturity earlier and better adapted to environments of south Arkansas and Mississippi than Delcot 277J. Partial resistance to fusarium wilt (*Fusarium oxysporum* f. sp. *vesinfectum*) and to tobacco budworm (*Heliothis virescens*). Resistant to all known U.S. Perennial. Breeding Material. Seed.

PI 556980. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Williams, P., Agricultural Research Service -- USDA, Crop Science Research Laboratory, Mississippi State, Mississippi, United States. **remarks:** No Certificate Requested. Received October 23, 1991.

**origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Crop Science Research Laboratory, P.O. Box 5248, Mississippi State, Mississippi 39762. **cultivar:** Mp420. **pedigree:** Mpl / Hill Yellow Dent, S3. **other id:** GP-235. **group:** CSR-MAIZE. **remarks:** Full season inbred (AES 1100). Plants tall, medium green color. Kernels yellow, flinty with sharp pointed cap. Cobs white. Moderately resistant to kernel infection by *Aspergillus flavus*. Susceptible to maize chlorotic dwarf virus and maize dwarf mosaic virus. Annual. Breeding Material. Seed.