

PI 550528 to 550532-continued

PI 550532 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND251. **pedigree:** Selected from Rumanian Syn. D, with 7 generations of self-pollination and selection for plant and ear traits. **other id:** PL-62. **source:** Crop Sci. 22(6):1279 1982. **group:** CSR-MAIZE. **remarks:** Plants short. Leaves short, wide. Tassels medium. Ears long with 16-18 rows of kernels. Ear placement slightly below midplant. Yellow dent inbred. Intermediate resistance to maize chlorotic dwarf virus, northern corn leaf spot, eyespot, northern corn rootworm, corn lethal necrosis, and anthracnose leaf blight. Resistant to maize dwarf mosaic virus, first brood European corn borer, and anthracnose. Annual. Breeding Material. Seed.

PI 550533. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Williams, W. P., Agricultural Research Service -- USDA, Mississippi State, P.O. Box 5248, State College, Mississippi, United States. Received 1982.

origin: United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State, State College, Mississippi 39762. **cultivar:** Mp704. **pedigree:** Cross between Mp496 and S2 from Republica Dominica Gpo. 1. Selfed for 8 generations. **other id:** GP-116. **source:** Crop Sci. 22(6):1269 1982. **group:** CSR-MAIZE. **remarks:** Plant medium tall. Maturity is AES1200. Resistant to south-western corn borer (*Diatraea grandiosella*), fall armyworm (*Spodoptera frugiperda*), and southern corn rust (*Puccinia polysora*). Annual. Breeding Material. Seed.

PI 550534 to 550535. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Scott, G. E., Mississippi State University, Department of Agronomy, P.O. Box 5248, State College, Mississippi, United States. Received 1982.

PI 550534 **origin:** United States. **origin institute:** Mississippi Agr. and Forestry Exp. Sta., Mississippi State, State College, Mississippi 39762. **cultivar:** MP701. **pedigree:** Selection from a bulk of 3 closely related S3's developed from a cross between an S2 of Antigua Gpo. 1 and an S6 of Antigua Gpo. 2. **other id:** GP-119. **source:** Crop Sci. 22(6):1270 1982. **group:** CSR-MAIZE. **remarks:** Poor root and stalk strength. Maturity is AES1200. Resistant to southwestern corn borer (*Diatraea grandiosella*), fall armyworm (*Spodoptera frugiperda*), and southern corn rust (*Puccinia polysora*). Annual. Breeding Material. Seed.