

PI 550487 to 550491-continued

PI 550491 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND301. **pedigree:** Selection from a outcross of W673. **other id:** PL-55. **source:** Crop Sci. 20(5):678 1980. **group:** CSR-MAIZE. **remarks:** High general combining ability for yield and test weight. Maturity is early AES300. Intermediate resistance to Diplodia stalk rot, eyespot, Anthracnose leaf blight and stalk rot, and first brood European corn borer. Resistant to southern corn leaf blight and northern corn leaf spot. Annual. Breeding Material. Seed.

PI 550492 to 550493. Zea mays L. subsp. mays POACEAE Corn

Donated by: Sparks, A. N., Georgia Agr. Exp. Sta., Southern Grain Insects Research Lab., Coastal Plain Exp. Sta., Tifton, Georgia, United States. Received 1980.

PI 550492 **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Southern Grain Insects Research Lab., Tifton, Georgia 31794. **cultivar:** GTS1. **pedigree:** Yellow counterpart of the white line 471-U6. Developed by a series of backcrosses and selfs while selecting for yellow endosperm and recurrent parent (sweet corn inbred 342) phenotype. **other id:** PL-51. **source:** Crop Sci. 20(3):420 1980. **group:** CSR-MAIZE. **remarks:** Sweet corn quality high. Planting date to pollen shed is 64 days. Resistant to corn earworm (*Heliothis zea*). Annual. Breeding Material. Seed.

PI 550493 **origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., Southern Grain Insects Research Lab., Tifton, Georgia 31794. **cultivar:** GTS2. **pedigree:** Yellow counterpart of the white line 81-1. Developed by a series of backcrosses and selfs while selecting for yellow endosperm and recurrent parent (sweet corn inbred 371) phenotype. **other id:** PL-52. **source:** Crop Sci. 20(3):420 1980. **group:** CSR-MAIZE. **remarks:** Sweet corn quality high. Planting date to pollen shed is 71 days. Resistant to corn earworm (*Heliothis zea*). Annual. Breeding Material. Seed.

PI 550494. 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 1980.