

PI 550526 to 550527-continued

PI 550526 **origin:** United States. **origin institute:** Indiana Agr. Exp. Sta., Purdue University, W. Lafayette, Indiana 47907. **cultivar:** H110. **pedigree:** Oh514/PI 209135, selection Mb.27-12. **other id:** GP-121. **source:** Crop Sci. 22(6):1270 1982. **group:** CSR-MAIZE. **remarks:** Plant similar to Oh514. Pollen production good. Leaves larger and more upright than Oh514. Ears larger than Oh514. Yellow-kernel dent. Maturity is AES600. Resistant to maize dwarf mosaic virus, maize chlorotic dwarf virus, race 1 and 2 northern leaf blight (*Exerohilum turcicum*), southern leaf blight (*Bipolaris maydis*), leaf blight (*Colletotrichum graminicola*). Intermediate resistance to Stewarts wilt. Annual. Breeding Material. Seed.

PI 550527 **origin:** United States. **origin institute:** Indiana Agr. Exp. Sta., Purdue University, W. Lafayette, Indiana 47907. **cultivar:** H111. **pedigree:** B37/PI 209135, selection Mb.2. **other id:** GP-122. **source:** Crop Sci. 22(6):1270 1982. **group:** CSR-MAIZE. **remarks:** Plant type similar to B37. Leaves more upright, ears larger, and about 15 cm taller than B37. Yellow-kernel dent with 12 to 14 rows. Maturity is AES600. Resistant to northern leaf blight (*Exerohilum turcicum*), races 1 and 2 leaf blight and stalk rot (*Colletotrichum graminicola*), Stewarts wilt (*Erwinia stewartii*), southern leaf blight (*Bipolaris maydis*) and stalk rot (*Diplodia maydis*). Annual. Breeding Material. Seed.

PI 550528 to 550532. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Cross, H. Z., North Dakota Agr. Exp. Sta., North Dakota State University, 329 Walster Hall, Fargo, North Dakota, United States. Received 1982.

PI 550528 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSC. **pedigree:** Intercrossed 11 elite lines (CO303, ND474, ND478, NDB8, ND480, ND481, A556, CG1, CG5, W153R, MS93) and randomly mated for 4 generations. **other id:** GP-117. **source:** Crop Sci. 22(6):1270 1982. **group:** CSR-MAIZE. **remarks:** Plants medium tall. Ear placement slightly below mid-plant. Ears thick, medium long with 18-20 kernel rows. Endosperm yellow. Yield good. Resistance to lodging. Maturity is AES300. Annual. Breeding Material. Seed.