

PI 550549 to 550554-continued

- PI 550551 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSD(FS)C1. **pedigree:** Synthetic developed by 1 cycle of reciprocal full-sib selection among full-sib families between NDSC and NDSD. **other id:** GP-135. **source:** Crop Sci. 24(6):1217 1984. **group:** CSR-MAIZE. **remarks:** Plants similar to NDSD in plant and ear height, test weight, and lodging resistance. Improved shelling percentage, higher yields, and lower moisture at harvest than AES200-300. Annual. Breeding Material. Seed.
- PI 550552 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND304W. **pedigree:** ND408/B73//W23yy. **other id:** GP-138. **source:** Crop Sci. 25(1):202 1985. **group:** CSR-MAIZE. **remarks:** Plants medium-tall. Ear placement about midplant. Ears medium-long, thick with 18-22 rows of white dent kernels on white cob. Maturity is AES300. Annual. Breeding Material. Seed.
- PI 550553 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND101. **pedigree:** Selected from synthetic BS5 with self pollination and selection for plant and ear traits for 9 generations. **other id:** PL-67. **source:** Crop Sci. 24(6):1223 1984. **group:** CSR-MAIZE. **remarks:** Yellow dent inbred. Plants short. Ear placement below midplant. Leaves narrow, medium-long. Tassels small. Ears medium-long, narrow with 10-12 rows of shallow kernels. Resistant to first brood European corn borer (*Ostrinia nubilalis*) and eyespot (*Kabatiella zeae*). Intermediate resistance to maize dwarf mosaic virus, wheat streak mosaic virus, and southern leaf blight (*Helminthosporium maydis*). Annual. Breeding Material. Seed.
- PI 550554 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND256. **pedigree:** Selected from BS5 with 9 generations of selfing and selection. **other id:** PL-68. **source:** Crop Sci. 24(6):1223 1984. **group:** CSR-MAIZE. **remarks:** Yellow dent inbred. Plants tall. Ear placement slightly below midplant. Leaves medium-long, wide. Tassel medium. Ears large diameter and medium length having 16-20 rows of deep kernels. Maturity is AES200. Resistant to Diplodia stalk rot, eyespot (*Kabatiella zeae*), and northern leaf spot (*Helminthosporium carbonum*). Intermediate resistance to stalk crushing, northern corn rootworm (*Diabrotica*). Annual. Breeding Material. Seed.