

PI 550503 to 550504-continued

PI 550503 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota University, Fargo, North Dakota 58105. **cultivar:** ND247. **pedigree:** W755/W771. **other id:** PL-57. **source:** Crop Sci. 21(6):994 1981. **group:** CSR-MAIZE. **remarks:** Plants moderately short. Leaves long and narrow. Ears are slender with 12-14 rows. Good general combining ability for ear moisture, test weight and stalk lodging resistance. Maturity is AES200. Moderately resistant to first brood European corn borer and northern corn leaf spot. Sister line to ND246. Annual. Breeding Material. Seed.

PI 550504 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., Fargo, North Dakota 58105. **cultivar:** ND248. **pedigree:** Selection from synthetic AS-D. **other id:** PL-58. **source:** Crop Sci. 21(6):994 1981. **group:** CSR-MAIZE. **remarks:** Plants short. Ears short and thick with 14-16 rows. High general combining ability for yield. Maturity is late AES200. Moderately resistant to northern corn leaf spot and downy mildew. Annual. Breeding Material. Seed.

PI 550505 to 550506. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Gardner, C. O., University of Nebraska, Department of Agronomy, Urbana, Illinois, United States. Received 1981.

PI 550505 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska 68583. **cultivar:** NS(FS)LFW-8. **pedigree:** Developed from Stiff Stalk Synthetic. **other id:** GP-95. **source:** Crop Sci. 22(2):451 1982. **group:** CSR-MAIZE. **remarks:** Maturity is AES800. Resistant to Leaf freckles and wilt bacterial disease (*Corynebacterium nebraskense*). Annual. Breeding Material. Seed.

PI 550506 **origin:** United States. **origin institute:** Nebraska Agr. Exp. Sta., Department of Agronomy, Urbana, Illinois 61801. **cultivar:** NB(FS)LFW-8. **pedigree:** Developed from Nebraska B Synthetic. **other id:** GP-96. **source:** Crop Sci. 22(2):451 1982. **group:** CSR-MAIZE. **remarks:** Maturity is AES800. Resistant to Leaf freckles and wilt bacterial disease (*Corynebacterium nebraskense*). Annual. Breeding Material. Seed.

PI 550507. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Berquist, R. R., Pfister Hybrid Corn Company, P.O. Box 187, El Paso, Illinois, United States. Received 1981.