

PI 550443 to 550472-continued

PI 550472 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B57. **pedigree:** Selected from open-pollinated 'Midland'. **other id:** PL-9. **source:** Crop Sci. 11(1):143 1971. **group:** CSR-MAIZE. **remarks:** Plant type excellent, short stature. Pollen production and seed yield excellent. Maturity is AES800. Carries gene(s) causing partial pollen restoration for Texas-type male-sterile cytoplasm. Some resistance to northern corn leaf blight (*Helminthosporium turcicum*) and corn leaf rust (*Puccinia sorghi*). Moderate resistance to first brood of European corn borer (*Ostrinia nubilalis*). Annual. Breeding Material. Seed.

PI 550473. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa, United States. Received 1972.

origin: United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B73. **pedigree:** Selected from advanced recurrent selection population (C5) of Iowa Stiff Stalk Synthetic (BSSS). **other id:** PL-17. **source:** Crop Sci. 12(5):721 1972. **group:** CSR-MAIZE. **remarks:** Plant vigorous. Leaves erect. Pollen production average. Seed smooth dent. Maturity is AES800. Annual. Breeding Material. Seed.

PI 550474 to 550483. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Agricultural Research Service -- USDA, Iowa State University, Ames, Iowa, United States. Received 1973.

PI 550474 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** BS3. **pedigree:** Population developed for broad genetic base from elite inbred lines and populations using various methods of recurrent selection. Companion to BS4. **other id:** GP-26. **source:** Crop Sci. 14(2):341 1974. **group:** CSR-MAIZE. **remarks:** Combined 24 lines: BSBB, BSTL, BSS2, VCBS(S)C4, BSSS(HT)C7, BSSS(R)C5, BS10(FR)C1, BSCB3(S)C1, Nebraska Stiff Stalk, Nebraska B, BSCB4/BS8, BSCB5/BS8, BSCB9/BS8, BSL(S)C4/BS8, Iowa Late Rootworm Synthetic, B52/BS8, BS12(HT)C5/BS8, MO-CRW, Illinois Stalk Rot Synthetic, Oh43 Ht, bulk (B68, B69, B72, B73), bulk (Oh508, Oh509, Oh510), bulk (N7B, N28, N31, N101, N103, N104, N138), bulk (H60, H84, H88, H91, H92,). Annual. Breeding Material. Seed.