

PI 550443 to 550472-continued

- PI 550467 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B37. **pedigree:** Selected from Iowa Stiff Stalk Synthetic. **other id:** PL-2. **source:** Crop Sci. 11(1):143 1971. **group:** CSR-MAIZE. **remarks:** Plant vigorous. Seed yield good. Pollen production poor. Root and stalk strength moderate. Maturity is AES800. Some resistance to northern corn leaf blight (*Helminthosporium turcicum*). Annual. Breeding Material. Seed.
- PI 550468 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B45. **pedigree:** W22/B10. **other id:** PL-4. **source:** Crop Sci. 11(1):143 1971. **group:** CSR-MAIZE. **remarks:** Plant vigorous. Seed yield high. Displays tassel blast and pollen sterility under low soil moisture, low humidity and high temperature conditions. Maturity is AES800. Annual. Breeding Material. Seed.
- PI 550469 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B46. **pedigree:** W22/B10. **other id:** PL-5. **source:** Crop Sci. 11(1):143 1971. **group:** CSR-MAIZE. **remarks:** Sister line of B45. Plant vigor less and more resistant to root and stalk lodging than B45. Maturity is AES800. Annual. Breeding Material. Seed.
- PI 550470 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B54. **pedigree:** Selected from Iowa Corn Borer Synthetic No. 1. **other id:** PL-6. **source:** Crop Sci. 11(1):143 1971. **group:** CSR-MAIZE. **remarks:** Inbred plant small, medium height. Pollen production sparse. Ear small. Maturity is AES700. Moderate resistant to first brood of European corn borer (*Ostrinia nubilalis*). Annual. Breeding Material. Seed.
- PI 550471 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50010. **cultivar:** B56. **pedigree:** Alph/38-11. **other id:** PL-8. **source:** Crop Sci. 11(1):143 1971. **group:** CSR-MAIZE. **remarks:** Inbred vigorous. Pollen production good. Seed yield high. Ear long and slender. Maturity is AES800. Annual. Breeding Material. Seed.