

PI 539867. *Glycine max* (L.) Merr. FABACEAE Soybean

**Donated by:** Fehr, W.R., Iowa Agric. and Home Econ. Exp. Sta., Iowa State University, 1212 Agronomy, Ames, Iowa, United States; and Puerto Rico Agr. Exp. Sta.. **remarks:** LS301 Soybean. Received April 16, 1990.

**origin:** United States. **origin institute:** Iowa Agric. and Home Econ. Exp. Sta., Iowa State University, 1212 Agronomy, Ames, Iowa 50011. **cultivar:** LS301. **pedigree:** F4 plant selected from cross A79-140022 x A79-140011. Both parents were large-seeded experimental lines developed at Iowa State University, whose parentages trace to Disoy, Prize, Provar, Magna, and Amsoy. **other id:** CV-262. **source:** Crop Sci. 30(6):1363 1990. **group:** CSR-SOYBEAN. **other id:** PVP 8800018. **source:** Certificate in force. **group:** PVPO. **remarks:** Maturity group III. Flowers purple, gray pubescence. Pods brown at maturity. Seeds dull yellow with yellow hila. Seed yield 3212 kg/ha. Plant height 84cm. Lodging resistance good. Seed quality good. Seed weight 254mg. Seed protein 404g/kg. Seed oil 222g/kg. Spring Annual. Cultivar. Seed.

PI 539868 to 539869. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Russell, W.A., Iowa Agric. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa, United States. **remarks:** BS16(CB)C4 and BS17(CB)C4 Maize Germplasm (No Cert. Req.). Received April 11, 1990.

PI 539868 **origin:** United States. **origin institute:** Iowa Agric. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50011. **cultivar:** BS16(CB)C4. **pedigree:** Mass selection in ETO composite. **other id:** GP-224. **source:** Crop Sci. 31(1):238 1991. **group:** CSR-MAIZE. **remarks:** Maturity AES 600. Plant vigor and seed yield good. Seed yellow dent type. Highly resistant to leaf-whorl feeding by European corn borer (*Ostrinia nubilalis*). Resistant to leaf sheath and collar feeding by second-generation European corn borer. Good disease resistance under Iowa conditions. Spring Annual. Breeding Material. Seed.

PI 539869 **origin:** United States. **origin institute:** Iowa Agric. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50011. **cultivar:** BS17(CB)C4. **pedigree:** Recurrent selection from BS17. **other id:** GP-225. **source:** Crop Sci. 31(1):238 1991. **group:** CSR-MAIZE. **remarks:** Maturity AES 800. Plant vigor and seed yield good. Seed yellow dent type. Highly resistant to leaf-whorl feeding by European corn borer (*Ostrinia nubilalis*). Resistant to leaf sheath and collar feeding by second-generation European corn borer. Good disease resistance under Iowa conditions. Spring Annual. Breeding Material. Seed.