

PI 533602. *Glycine max* (L.) Merr. FABACEAE Soybean

**Donated by:** Caviness, R.D., Dept. of Agronomy, University of Arkansas, Fayetteville, Arkansas, United States; and Riggs R.D.; Rupe, J.C., Dept. of Plant Pathology, University of Arkansas, Fayetteville, Arkansas, United States. **remarks:** Developed by the Arkansas Agricultural Experiment Station. Received June 30, 1989.

**origin:** United States. **cultivar:** LLOYD. **pedigree:** Centennial/3/(R75-12L) R72-2647/2/D68-18/PI 88788,F4. **other id:** CV-239. **group:** CSR-SOYBEAN. **other id:** R79-772. **remarks:** Cultivar with resistance to soybean cyst nematode, stem canker and phytophthora rot. Maturity Group VI. Plants determinate. Flowers purple. Pubescence tawny. Seeds yellow and shiny. Oil content average 21.2%. Protein content average 41.2%. Moderately susceptible to sudden death syndrom. Well adapted for double cropping with wheat. Adapted for 30 to 36 degree latitude. **disease resistance:** High to stem canker (*Diaporthe phaseolorum* var. *caulivora*). Phytophthora rot, downy mildew. **nematode resistance:** Moderate to soybean cyst nematode races 3 and 4. Annual. Cultivar. Seed.

PI 533603. *Zea mays* L. POACEAE Popcorn

**Donated by:** Ziegler, K.E., Dept. of Agronomy, Iowa State University, Ames, Iowa, United States. **remarks:** Released by Iowa Agriculture and Home Economics Experiment Station, Ames in 1988. Received June 30, 1989.

\* *Zea mays* L. subsp. *mays* POACEAE Popcorn  
**origin:** United States. **cultivar:** BSP2C1. **pedigree:** Diallel crossing system intermating A3004, 33122, P203 and 62180. **other id:** GP-207. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Cross-sterile large expansion popcorn synthetic. Will not accept dent corn pollen. Maturity mid- to full-season. Stalk quality above average. Popping expansion range from 20cc to 53cc per gram compared to 45cc to 48cc for hybrid checks in 1987 tests. **insect resistance:** European corn borer (*Ostrinia nubilalis*). Annual. Breeding Material. Seed.

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**Donated by:** Hartwig, E.E.; Kilen, T.C., USDA Soybean Collection - South, P.O. Box 196, Stoneville, Mississippi, United States; and Lambert, L., P.O. Box 225, Stoneville, Mississippi, United States. **remarks:** Developed cooperatively by USDA-ARS and the Delta Branch, Mississippi Agricultural and Forestry Experiment Station and released in March, 1989. Received June 30, 1989.