

PI 533655-continued

origin: United States. **cultivar:** BURLISON. **pedigree:** K74-113-76-486(Tracy/Pomona sel)/Century, F4. **other id:** CV-243. **group:** CSR-SOYBEAN. **other id:** NSL 242207. **other id:** LN82-9648, SNB 191. **remarks:** Cultivar with multiple race resistance (Rps1b, Rps3) to phytophthora rot, Maturity group II. Higher yield, heavier seed weight, better lodging resistance and protein content than Elgin 87. Seed oil content lower. Sensitive to metribuzin. Flowers white. Pubescence brown. Pods tan. Seed dull yellow with black hila. **disease resistance:** Phytophthora rot (Phytophthora megasperma f. sp. glycinea). Downy mildew, bacterial pustule, powdery mildew. **insect resistance:** Spider mite (Tetranychus spp.). Annual. Cultivar. Seed.

PI 533656 to 533657. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Dept. of Agronomy, University of Illinois, 1102 S. Goodwin Ave., Urbana, Illinois, United States. **remarks:** Developed by Illinois Agricultural Experiment Station and released in August, 1988. Received June 30, 1989.

PI 533656 **donor id:** LN 86-1595. **origin:** United States. **pedigree:** Hack/PI 437833. **other id:** GP-119. **group:** CSR-SOYBEAN. **remarks:** Germplasm with new source of resistance to brown stem rot. Maturity Group II. Flowers purple. Pubescence gray. Pods tan. Seed yellow with buff hila. Lodging, height, and seed quality similar to Elgin 87 and BSR 201. **disease resistance:** Brown stem rot (Phialophora gregata). Phytophthora rot race 1. Annual. Breeding Material. Seed.

PI 533657 **donor id:** LN 86-1947. **origin:** United States. **pedigree:** PI 437883/Elgin, F4. **other id:** GP-120. **group:** CSR-SOYBEAN. **remarks:** Germplasm with new source of resistance to brown stem rot. Maturity Group I. Flowers purple. Pubescence brown. Pods brown. Seed yellow with black hila. Yield, lodging, height, and seed quality similar to BSR 201. **disease resistance:** Brown stem rot (Phialophora gregata). Phytophthora rot race 1. Annual. Breeding Material. Seed.

PI 533658. Zea mays L. POACEAE Corn

Donated by: Wicks, III, Z.W., Plant Science Dept., South Dakota State University, Brookings, South Dakota, United States. **remarks:** Developed by the Agricultural Experiment Station, South Dakota State University and released in March, 1987. Received June 30, 1989.