

PI 564279-continued

origin: United States. **developed:** C.D. Nickell, S. Sebastian, D. Thomas, T. Mathis, L.E. Gray. **origin institute:** Illinois Agr. Exp. Sta., Agronomy Dept., 1102 S Goodwin Ave., Urbana, Illinois 61801 United States. **cultivar:** LN80-7579. **pedigree:** F4 sel. from Century X A76-304020. **other id:** GP-51. **source:** Crop Sci. 25(1):203 1985. **group:** CSR-SOYBEAN. **remarks:** Parent stock for soybean breeding and genetics programs. Flowers purple. Pubescence brown. Pods brown. Seeds with dull yellow coats and black hila. Group II maturity averaging 1 day later than Corsoy 79 and 2 days earlier than Century. In comparison with Century, averages 2% lower in seed yield in the absence of BSR and is similar in lodging, plant height, seed quality, seed weight, seed protein percentage, and seed oil percentage. Resistant to Races 1 and 2 of phytophthora rot (*Phytophthora megasperma*). Breeding Material. Seed.

PI 564280. *Glycine max* (L.) Merr. FABACEAE

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., Agronomy Dept., 1102 S Goodwin Ave., Urbana, Illinois 61801, United States; and Agricultural Research Service -- USDA. Received November 23, 1992.

origin: United States. **developed:** C.D. Nickell, S. Sebastian, D. Thomas, T. Mathis, L.E. Gray. **origin institute:** Illinois Agr. Exp. Sta., Agronomy Dept., 1102 S Goodwin Ave., Urbana, Illinois 61801 United States. **cultivar:** LN80-9709. **pedigree:** F4 sel. from Hardin X A76-304020. **other id:** GP-52. **source:** Crop Sci. 25(1):204 1985. **group:** CSR-SOYBEAN. **remarks:** Parent stock for soybean breeding and genetics programs. Flowers purple. Pubescence brown. Pods brown. Seeds with dull yellow coats and brown hila. Group III maturity averaging 4 days earlier than Cumberland. In comparison with Cumberland, averages 3% lower in seed yield in the absence of BSR and is similar in lodging, plant height, seed quality, seed weight, seed protein percentage, and seed oil percentage. Resistant to Races 1 and 2 of phytophthora rot (*Phytophthora megasperma*) and bacterial pustule (*Xanthomonas (Xanthomonas phaseoli)*). Breeding Material. Seed.

PI 564281. *Glycine max* (L.) Merr. FABACEAE

Donated by: Hartwig, E.E., Agricultural Research Service -- USDA, Delta Branch Station, Soybean Production Research, Stoneville, Mississippi 38776, United States; and Mississippi Agric. & Forestry Exp. Sta.. Received November 23, 1992.