

PI 542712. *Glycine max* (L.) Merr. FABACEAE Soybean

**Donated by:** Boerma, H.R., Georgia Agr. Exp. Stas., University of Georgia, 3111 Plant Sciences Bldg., Athens, Georgia, United States.  
**remarks:** Bryan Soybean. Received July 11, 1990.

**origin:** United States. **origin institute:** Georgia Agr. Exp. Sta., University of Georgia, Dept. of Agronomy, Athens, Georgia 30602. **cultivar:** BRYAN. **pedigree:** F5 derived from Centennial/Bedford. **other id:** CV-274. **group:** CSR-SOYBEAN. **remarks:** Maturity Group VI. Determinate growth habit. Flowers purple. Pubescence tawny. Pod walls tan. Seed yellow with shiny seed coats and black hila. Resistant to soybean cyst nematode races 1 and 3 (*Heterodera glycines*) and the southern (*Meloidogyne incognita*), peanut (*M. arenaria*), and javanese (*M. javanica*) root-knot nematodes. Spring Annual. Cultivar. Seed.

PI 542713 to 542716. *Zea mays* L. subsp. *mays* POACEAE Corn

**Donated by:** Thomas-Compton, M., University of Nebraska, 308 Keim Hall, Lincoln, Nebraska, United States. Received July 12, 1990.

PI 542713 **origin:** United States. **cultivar:** YPI LFWS(1). **pedigree:** Yellow Pearl I Leaf Freckels and Wilt-YPFWS(1) is an improved version of the open pollinated popcorn variety Yellow Pearl. **remarks:** YPI LFWS(1) has undergone one cycle of combined So and S1 line per se selection for reaction to Goss' wilt (Leaf freckels and wilt) disease caused by *Corynebacterium clavibacter michiganense* ssp *nebraskense*. On a scale of 1 to 5 with 1 = resistant and 5 = susceptible, YPT LFWS(1) averaged 2.65. Popping expansion 27.3 cc g<sup>-1</sup>. Not dent-sterile. Spring Annual. Breeding Material. Seed.

PI 542714 **origin:** United States. **cultivar:** SGII LFWS(2). **pedigree:** Supergold II Leaf Freckles and wilt (2) [SGII LFWS(2)] is an improved version of open pollinated popcorn variety Supergold. **remarks:** SGII LFWS(2) has undergone two cycles of combined So and S11 line per se selection for reaction to Goss' wilt (Leaf freckels and wilt) disease caused by *Corynebacterium clavibacter michiganense* ssp *nebraskense*. On a scale of 1 to 5 with 1 = resistant and 5 = susceptible, SGII LFW(2) averaged 2.61. Popping expansion 27.3 cc g<sup>-1</sup>. Kernels yellow-pearl, medium-large. Not dent-sterile. Spring Annual. Breeding Material. Seed.