

PI 531077 to 531078-continued

PI 531077 **donor id:** FL-24. **origin:** United States. **pedigree:** Selection for early maturity from Florida naturalized stands. **other id:** GP-79. **group:** CSR-OTHER LEGUMES. **remarks:** Plants mature early. Growth habit more erect than PI 531078. Stems colored by anthocyanin pigmentation. Hairs red on upper stem, underside of leaflet mid-veins, and flower buds. Leaflets small. Gall rate from nematodes low. **nematode resistance:** Fair to root knot-Meloidogyne arenaria. M. incognita (races 1 and 3), and M. javanica. Annual. Breeding Material. Seed.

PI 531078 **donor id:** FL-101. **origin:** United States. **pedigree:** Selection for late maturity from Florida naturalized stands. **other id:** GP-80. **group:** CSR-OTHER LEGUMES. **remarks:** Plants mature late, full bloom 2 weeks later than PI 531077. Habit less erect. Hairs red on upper stem, under side of leaflet mid-veins, and flower buds. Stems colored by anthocyanin pigmentation. **nematode resistance:** Fair to root knot-Meloidogyne arenaria. M. incognita (races 1 and 3), and M. javanica. Annual. Breeding Material. Seed.

PI 531079 to 531080. Zea mays L. POACEAE Popcorn

Donated by: Ashman, R.B., Dept. of Botany and Plant Pathology, Purdue University, West Lafayette, Indiana, United States. **remarks:** Released by Indiana Agric. Exp. Station, Purdue University in 1983 and 1985. Received March 03, 1989.

* PI 531079 Zea mays L. subsp. mays POACEAE Popcorn
origin: United States. **cultivar:** HPXD-1. **pedigree:** Dent corn inbred OH43 crossed with a yellow popcorn hybrid from 'South American' and 'Amber Pearl' germplasm and back crossed to popcorn and advanced to S4. **other id:** GP-195. **source:** Crop Sci. 29(5):1331 1989. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Breeding population with improved stalk quality. Plants cross sterile (Gal-S Gal-S), maturity early to mid-season. Popping expansion volume average. About 25% of plants contain the gene Ht1 which confers chlorotic lesion type resistance to leaf blight. **disease resistance:** Corn leaf blight (Exserohilum turcicum). Annual. Breeding Material. Seed.