

PI 510675. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Harville, B.G., Department of Agronomy, Agricultural Experiment Station, LSU Agricultural Center, Baton Rouge, Louisiana, United States. Received July 15, 1987.

donor id: LA74-4656. **origin:** United States. **cultivar:** Gregg. **pedigree:** Bragg/Pickett 71. **other id:** CV-207. **group:** CSR-SOYBEAN. **remarks:** Maturity group VII. Flowers purple. Pod walls tan. Seed coats yellow. Hila black. Pubescence tawny. Growth-type determinate. Seed oil and protein content 19.5% and 43.2%. Moderately susceptible to stem canker. **disease resistance:** Rps1c gene for resistance to *Phytophthora* rot (race 3). Bacterial pustule. **nematode resistance:** Soybean cyst (race 3) and reniform nematodes. Cultivar. Seed.

PI 510676. *Saccharum hybrid* POACEAE Sugarcane

Donated by: Tew, T.L., Genetics and Pathology Dept., Experiment Station, Hawaiian Sugar Planters' Assoc., Aiea, Hawaii, United States. Received July 15, 1987.

origin: United States. **cultivar:** H74-1715. **pedigree:** Progency derived from a polycross with random pollination of H61-1820. **other id:** CV-73. **group:** CSR-SUGARCANE. **remarks:** Plants non-flowering, 24-36 months, high cane tonnage and average sucrose content. Rat damage less than most clones tested. Adapted to unirrigated areas with medium to high rainfall on Islands of Hawaii and Kauai. Tolerant to s-triazine herbicides. **disease resistance:** Eye spot and leaf scald. Moderate to both races of culmicolous smut present in Hawaii. Cultivar. Plant.

PI 510677. *Hordeum vulgare* L. POACEAE Barley

Donated by: Bockelman, H.E., Dept. of Plant Pathology, Montana State University, Bozeman, Montana, United States. Received July 15, 1987.

donor id: CC XLV. **origin:** United States. **pedigree:** Composite Cross-Compana (male sterile CI 5438)/15 cultivars. **other id:** GP-94. **group:** CSR-BARLEY. **remarks:** Plants two-rowed type, variable agronomically, and best adapted to semi-arid conditions. **disease resistance:** General to net blotch. Spring Annual. Breeding Material. Seed.