

PI 550719. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Agricultural Research Service -- USDA, Tropical Agriculture Research Station, P.O. Box 70, Mayaguez, Puerto Rico. Received May 07, 1991.

origin: Puerto Rico. **cultivar:** PUERTO RICO MAYORBELA(R)C0. **remarks:** Local yellow flint type cultivar. Primary trait for selection was increased yield with secondary selection for root and stalk lodging. Also selected for improved disease tolerance especially major endemic tropical diseases including southern corn rust (*Puccinia polysora*), southern corn leaf spot (*Helminthosporium maydis* Raco O), Northern corn leaf spot (*H. turcicum*), corn ear smut. Breeding Material. Seed.

PI 550720. *Saccharum* hybrid POACEAE Sugarcane

Donated by: Deren, C.W., Agricultural Research Service -- USDA, Sugarcane Field Station, Canal Point, Florida, United States; and Florida Agr. Exp. Sta.; and Florida Sugar Cane League, Inc.. **remarks:** CP 82-1592 Sugarcane. Received May 31, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Sugarcane Field Station, Canal Point, Florida 33438. **cultivar:** CP 82-1592. **pedigree:** CP 72-1210/CP 70-1133. **other id:** CV-85. **source:** Crop Sci. 31(6):1706 1991. **group:** CSR-SUGARCANE. **remarks:** Fast growing clone with broad leaves and rapid emergence, which enables canopy to close quickly. Flowers approx. 1 week later than CP 70-1133 and about the same time as CP 72-1210, the commercial checks. Stalk weight over 3-crop cycle averaged 1.30 kg. Adequate resistance, for commercial production in Florida, to sugarcane mosaic virus, leaf scald (*Xanthomonas albilineans*), eye spot (*Bipolaris sacchari*),. Cultivar. Plant.

PI 550721. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Smith, O.D., Texas Agr. Exp. Sta., College Station, Texas, United States; and Agricultural Research Service -- USDA. **remarks:** Tamspan 90 Peanut. Received May 31, 1991.