

PI 510678. Saccharum hybrid POACEAE Sugarcane

Donated by: Kresovich, S., Texas Agricultural Experiment Station, Weslaco, Texas, United States. Received July 15, 1987.

origin: United States. **cultivar:** TCP 81-3058. **pedigree:** CP70-300/L 65-69. **other id:** CV-72. **group:** CSR-SUGARCANE. **remarks:** Plants semi-erect. Stalk diameter medium, unexposed portions become yellow-green upon exposure. Growth ring bronze, swollen. Dewlap olive green. Production 115 tons of millable stalks and 14.3 tons of recoverable sugar per hectare. High-sucrose, high-tonnage, early-season type. **disease resistance:** Culmicolous smut. Tolerant to sugarcane mosaic virus. **insect resistance:** Tolerant to sugarcane and Mexican rice borers. Cultivar. Plant.

PI 510679 to 510683. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Jessen, H.J., Department of Agronomy, Iowa State University, Ames, Iowa, United States. **remarks:** Cooperative contribution by the Iowa Agriculture & Home Economics Exp. Station and the Puerto Rico Agricultural Experiment Station. Received July 15, 1987.

PI 510679 **donor id:** All. **origin:** United States. **pedigree:** Derived from S 2 plants in population AP9(1). **other id:** GP-100. **group:** CSR-SOYBEAN. **remarks:** Maturity Group O. Flowers purple. Pubescence grey. Pods brown at maturity. Seeds dull yellow with grey hila. Superior resistance to iron-deficiency chlorosis on calcareous soils. Potential use as parent stocks in breeding and genetic programs. **disease resistance:** Phytophthora rot. Breeding Material. Seed.

PI 510680 **donor id:** A12. **origin:** United States. **pedigree:** Derived from S 2 plants in population AP9(1). **other id:** GP-101. **group:** CSR-SOYBEAN. **remarks:** Maturity Group I. Flowers purple. Pubescence tawny. Pods brown at maturity. Seeds dull yellow with yellow hila. Superior resistance to iron-deficiency chlorosis on calcareous soils. Potential use as parent stocks in breeding and genetic programs. **disease resistance:** Phytophthora rot. Breeding Material. Seed.