

PI 518644 to 518645. *Beta vulgaris* L. CHENOPODIACEAE Sugarbeet

Donated by: Smith, G.A., & Ruppel, E.G., Crops Research Lab., USDA-ARS, Colorado State University, Ft. Collins, Colorado, United States. remarks: Joint contribution of USDA-ARS, The Beet Sugar Development Foundation, and the Colorado Agricultural Experiment Station. Received April 13, 1988.

PI 518644 donor id: FC 609. origin: United States. pedigree: FC 504/FC 502-2//662119sl. other id: GP-126. source: Crop Sci. 28(6):1039. group: CSR-SUGARBEET. remarks: Monogerm. Pollen-fertile, self sterile, nonrestorer O-type maintainer line of FC 609 CMS (PI 518645). Moderately vigorous and good seed producer. disease resistance: Leaf spot (*Cercospera*). Breeding Material. Seed.

PI 518645 donor id: FC 609 CMS. origin: United States. pedigree: FC 504 CMS/FC 502-2//662119sl. other id: GP-127. source: Crop Sci. 28(6):1039. group: CSR-SUGARBEET. remarks: Cytoplasmic male-sterile monogerm equivalent of FC 609 (PI 518644). Good plant vigor. disease resistance: Leaf spot (*Cercospera*). Breeding Material. Seed.

PI 518646. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Hanna, W.W., USDA-ARS, Coastal Plain Experiment Station, Tifton, Georgia, United States. remarks: Cooperative development by USDA-ARS and the University of Georgia Coastal Plain Experiment Station. Received April 13, 1988.

origin: United States. cultivar: TIFLEAF 2. pedigree: 85D2A1/Tift 383. other id: CV-1. source: Crop Sci. 28(6):1023. group: CSR-MILLET, PEARL. remarks: Plants 1.8m tall, dwarf, leafy, forage type. Forage yield high. disease resistance: High to rust (*Puccinia substriata* var. *indica*). Leaf spot (*Piricularia grisea*). Cultivar. Seed.

PI 518647. X *Triticosecale* sp. POACEAE Triticale

Donated by: Sapro, V.T., Dept. of Plant and Soil Science, Alabama A & M University, Normal, Alabama, United States. Received April 13, 1988.