

PI 560329. *Lycopersicon esculentum* Miller, nom. cons. SOLANACEAE
Tomato

Donated by: Lineberger, D.R., Texas A&M University, Dept. of Horticultural Sciences, College Station, Texas 77843-2133, United States. Received March 01, 1992.

origin: United States. **developed:** P.W. Leeper, E.L. Cox, B.T. Scully, G.E. Oerther, E.E. Burns, D.R. Lineberger. **origin institute:** Texas A&M University Res. Center, Weslaco, Texas 78596-8399 United States. **cultivar:** PROCESSOR 278. **pedigree:** Single plant selection derived from 5737M. **remarks:** Vines small, determinate. Plant canopy compact. Foliage avg. to moderately dense. Suitable for high density plantings. Resist. to southern blight. Field resist. to race 1 of Fusarium wilt & gray leaf spot. Crack resist. equivalent to Chico III. Adapted for fruit set at high relative humidities and high temp. Fruits firmer and more resistant to puffiness than Chico III. Fruit set compact. Few days earlier than Chico III. Jointless pedicels. In 8 trials, outyielded Chico III by 3 t ha⁻¹. Better than Chico III for whole fruit color and pH. Cultivar. Seed.

PI 560330. *Apium graveolens* L. APIACEAE Celery

Donated by: Scully, B.T., Everglades Res. and Ed. Center, IFAS, University of Florida, Belle Glade, Florida 33430-8003, United States. Received March 01, 1992.

origin: United States. **developed:** E.A. Wolf, B.T. Scully. **origin institute:** Everglades Res. and Ed. Center, IFAS, University of Florida, Belle Glade, Florida 33430-8003 United States. **cultivar:** FLORIBELLE M9. **pedigree:** EES 1624-2 / EES 1625-2. Both had superior resistance to early blight and bacterial leaf spot. **remarks:** Growth habit inter. bet. Crystal Jumbo & Ordinary Utah phenotypes. Mid-season cultivar maturing in 92-99 days from transplanting. Ht. range 64-76cm with avg. ht. 69-70cm. More robust appearance than Earlibelle or Florida 2-14. Stalk shape compact, cylindrical, similar to Tall Utah 52-70 R Imp. Heart formation not as full as Tall Utah 52-70 R Imp. Avg. 3-4 heart leaves on Florida histosols. Greater suscept. to boron related transverse cracking in nodal region and longitudinal cracking than Earlibelle. Suscept. to blackheart. Resist. to seed thermodormancy. Cultivar. Seed.