

Breeding. US 075. Pedigree - Selection from variety US 22/3. Resistant to bolting accomplished by a series of severe selections. Has been grown extensively in California but is giving way rapidly to more superior yielding male-sterile hybrids.

The following were donated by Utah USDA, ARS, Utah, United States. Received 1961.

PI 590587. *Beta vulgaris* L.

Breeding. CT 5B. Pedigree - Selected from variety SL 9450. High curly-top resistance and medium-high sugar %. High combining ability and produces excellent hybrids. App. 50% of plants aa, then used for pollin. of MS cytoplasmic female lines.

PI 590588. *Beta vulgaris* L.

Breeding. KLEIN E (KLEINWANZLEBEN E). Pedigree - Parental seed lot SL 8370 obtained from Schneider, Einbeck, Germany, in 1948. SL 4324 rep. 2nd increase made by SL 09. Curly-top-susceptible variety used extensively as a standard check in tests for curly-top resistance. Grown widely in Europe and elsewhere as a commercial sugar beet variety. This particular seed lot is very vigorous yield type.

PI 590589. *Beta vulgaris* L.

Breeding. MUNERATI ANNUAL (SL 9470). Pedigree - Third increase of a lot of seed obtained from Dr. Munerati in 1932. Original annual beet from which all other annuals have been developed at Salt Lake City Lab. One dominant gene for annualness but also accession genes which increase rate of bolting and floral development.

The following were donated by E. State Farmers, United States. Received 1961.

PI 590590. *Beta vulgaris* L.

Cultivar. SMOOTH LEAF CROSBY.

The following were donated by Robson Quality Seeds, Incorporated, Hall, New York, United States. Received 1961.

PI 590591. *Beta vulgaris* L.

Cultivar. SENECA DETROIT. Matures 68 days. Popular variety. Strong top beet, very uniform in size, shape and good deep red color. Ideal for table use, canning and pickling (tender and sweet). Famous for dark red interior, tenderness, and short cooking time.

The following were donated by T.W. Wood & Sons Seed Co., Richmond, Virginia, United States. Received 1961.

PI 590592. *Beta vulgaris* L.

Cultivar. IMPROVED EARLY BLOOD. Matures 55 days. Not as early as the Extra Early Egyptian, but superior in quality. Uniform size, with smooth skin free from fibrous roots. Color rich, dark red. Tender, sweet and crisp. Ideal for planting in May, June and July to make beets for winter. A fine keeper.

The following were donated by Vaughan-Jacklin Corporation, 5300 Katrine Avenue, Downer'S Grove, Illinois 60515, United States. Received 1961.

PI 590593. *Beta vulgaris* L.

Cultivar. IMPROVED EARLY EGYPTIAN.