

Breeding. "SP6926-01". PL-16. Pedigree - Developed by crossing the progenitor of SP6926-0 to the cytoplasmic male-sterile in SP6020-03 and making subsequent increases to both. A cytoplasmic monogerm male-sterile line. Moderate resistance to *Cercospora* leaf spot and to *Aphanomyces* black root. Inbreeding evidenced by a reduction in root size and foliar bouquet, but is somewhat more vigorous than its maintainer SP 6926-0. Lack of uniform in size of foliar bouquet.

PI 590699. *Beta vulgaris* L. ssp. *vulgaris*

Breeding. "SP 8030-0". GP-62. Open-pollinated multigerm breeding line with taproots relatively free from adhering soil. Moderately resistant to *Cercospora* leaf spot and *Aphanomyces* black root, and has sucrose percentage and root yield approximately equal to commercial sugarbeets when grown at Beltsville, MD.

The following were donated by Northrup King & Co., P.O. Box 1406, Woodland, California 95695, United States. Received 1981.

PI 590700. *Beta vulgaris* L.

Cultivar. DETROIT SHORT TOP.

The following were donated by Richard Hecker, USDA, ARS, Crops Research Lab., Colorado State University, Fort Collins, Colorado 80521, United States. Received 1981.

PI 590701. *Beta vulgaris* L. ssp. *vulgaris*

Breeding. "FC 706". GP-58. Multigerm, pollen fertile, self-sterile, diploid. Resistant to root rot caused by *Rhizoctonia solani*. Flowers after short induction (easy bolting). Heterogen. strain, mass-selected for resistance from the OP subscript 2 generation of 5 diverse strains, all of which had been subjected to 3-5 cycles of mass selection for *Rhizoctonia* resistance. Potential for the development of diverse *Rhizoctonia* resistant strains.

PI 590702. *Beta vulgaris* L. ssp. *vulgaris*

Breeding. "FC 707". GP-59. Multigerm, pollen fertile, self-sterile, diploid. Resistant to root rot caused by *Rhizoctonia solani*. Flowers after short induction (easy bolting). Product of 1 cycle of selection for *Rhizoctonia* resistance from an interpollinated pool of resistant progeny lines, each subjected to 5 cycles of selection. Each source line originated from high production experimental synthetics.

PI 590703. *Beta vulgaris* L. ssp. *vulgaris*

Breeding. "FC 702/6". GP-65. Released 02/25/1981. Multigerm, pollen fertile, self-fertile. Resistant to root rot (*Rhizoctonia solani*). Moderate resistance to leaf spot (*Cercospora beticola*). Flowers after short induction (easy bolting). For breeder use as a pollinator to produce *Rhizoctonia* resistant hybrids or as a source of genes for resistance.

The following were donated by Edward J. Ryder, USDA, ARS, 1636 E. Alisal Street, Salinas, California 93905, United States. Received 1981.

PI 590704. *Beta vulgaris* L. ssp. *vulgaris*

Breeding. WB 7. Seed from Japan Sugarbeet Improvement Foundation. Identified as B. cicla. Plants resembled sugarbeet. Variation in type and plant color. Sucrose 10.2%.

PI 590705. *Beta vulgaris* L. ssp. *vulgaris*

Breeding. WB 111. Seed from Japan Sugarbeet Improvement Foundation. Identified as B. rapa. Excellent vigor, light red skin. Sucrose 10.1%.