

PI 590815. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "C522". GP-7. Type O monogerm inbred with resistance to bolting and curly top.

PI 590816. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "C522 CMS". GP-8. Pedigree - Developed by crossing the inbred C522 with curly top resistant male-sterile line and backcrossing four times to C522. Cytoplasmic male-sterile line.

PI 590817. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "C85". GP-3. Type O self-sterile, open pollinated line with resistance to bolting and curly top.

PI 590818. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "C85 CMS". GP-4. Cytoplasmic male sterile equivalent of C85.

The following were donated by USDA, ARS, Colorado Agric. Exp. Station, Colorado, United States. Received 1978.

PI 590819. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "FC 502/2". GP-44. Monogerm pollen fertile maintainer line of FC 502/2 CMS. Diploid ($2n = 2X = 18$) and inbred. Flowers after short photothermal induction. Moderately high resistance to *Cercospora* leaf spot (*Cercospora beticola* Sacc.). Resistance about equal to US 201.

PI 590820. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "FC 502/2 CMS". GP-45. Cytoplasmic male monogerm equivalent of FC 502/2. Diploid ($2n = 2X = 18$) and inbred. Moderately high resistance to *Cercospora* leaf spot (*Cercospora beticola* Sacc.) and flowers after short photothermal induction.

PI 590821. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "FC 605". GP-50. Monogerm pollen fert. maintainer line (Type O) of FC 605 CMS. Diploid ($2n = 2X = 18$) and flowers after short photothermal induction. High curly top resistance (superior to US 41) and moderately high *Cercospora beticola* resistance (less than US 201).

PI 590822. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "FC 605 CMS". GP-51. Cytoplasmic male sterile monogerm equivalent of FC 605. Diploid ($2n = 2X = 18$) and flowers after short photothermal induction. High curly top resistance (superior to US 41) and moderately high *Cercospora beticola* resistance (less than US 201).

PI 590823. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "FC 504". GP-42. Pedigree - Derived from an original cross of US216 multigerm X SLC 101 monogerm. Monogerm pollen fertile maintainer line (Type O) of FC 504 CMS. Diploid ($2n = 2X = 18$) and inbred line. Flowers after short photothermal induction. Moderately high resistance to *Cercospora* leaf spot (*Cercospora beticola* Sacc.).

PI 590824. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "FC 504 CMS". GP-43. Pedigree - Derived from an original cross of US 216 multigerm X SLC 101 monogerm. Cytoplasmic male sterile monogerm equiv. of FC 504. Diploid ($2n = 2X = 18$) and flower after short photothermal induction. Moderately high resistance to *Cercospora* leaf spot (*Cercospora beticola* Sacc.). Inbred line.

The following were donated by Edward J. Ryder, USDA, ARS, 1636 E. Alisal Street, Salinas, California 93905, United States. Received 1979.

PI 590825. *Beta vulgaris* L. *ssp. vulgaris*
Breeding. "C16". GP-76. Released 1978. High frequency of type-O