

Breeding. C79-9; R437R2. GP-179. Pedigree - C37/Rhizomania resistant WB151 (*B. maritima* accession from Denmark). Near isoline of C37. Resistant to rhizomania (BNYVV). Resistance segregates. C37, the recurrent parent, is multigerm, self-sterile with resistance to bolting, curly top, and virus yellows.

PI 593669. *Beta vulgaris* L.

Breeding. C79-10; R441. GP-180. Pedigree - C37/Rhizomania resistance WB169 (*B. maritima* from Po River Valley, Italy). Near isoline of C37. Resistant to rhizomania (BNYVV). Resistance segregates. C37, the recurrent parent, is multigerm, self-sterile with resistance to bolting, curly top, and virus yellows.

PI 593670. *Beta vulgaris* L.

Breeding. C79-11; R442. GP-181. Pedigree - C37/Rhizomania resistant WB258 (*B. maritima* from Po River Valley, Italy). Near isoline of C37. Resistant to rhizomania (BNYVV). Resistance segregates. C37, the recurrent parent, is multigerm, self-sterile with resistance to bolting, curly top, and virus yellows.

PI 593671. *Beta vulgaris* L.

Breeding. C78; R578. GP-182. Pedigree - Near-isoline of C46/2 with resistance to rhizomania. Multigerm, self-sterile, open-pollinated line with resistance to rhizomania (Rz), curly top, erwinia, and bolting. Moderate resistance or tolerance to virus yellows, powdery mildew. Similar to C78/2.

PI 593672. *Beta vulgaris* L.

Breeding. C80; R480-#. GP-183. Pedigree - Near-isoline of C54 with resistance to rhizomania. Multigerm, self-sterile, open pollinated line with resistance to rhizomania. Developed by compositing selected half-sibs from progeny tests for CA and per se performance for sugar yield. Similar to C80NB.

PI 593673. *Beta vulgaris* L.

Breeding. C80NB; R480NB. Pedigree - Near-isoline of C54 with resistance to rhizomania selected by mass selection for resistance to rhizomania, bolting, virus yellows, and Erwinia. Multigerm, self-sterile, open pollinated line with combined resistance to rhizomania, bolting, and Erwinia. Moderate resistance or tolerance to powdery mildew and virus yellows.

PI 593674. *Beta vulgaris* L.

Breeding. C80-45; R480-45(Iso). Pedigree - Increase of one half-sib family. Multigerm, self-sterile, open pollinated line with resistance to rhizomania. Increased from one half-sib family selected for CA and per se performance for sugar yield and combined disease resistance. Similar to C80.

PI 593675. *Beta vulgaris* L.

Breeding. C82; R482NB. GP-184. Pedigree - Near-isoline of C31 with resistance to rhizomania. Multigerm, self-sterile, open pollinated line with resistance to rhizomania, bolting, and virus yellows. Reselection and recombination of lines similar to C76-31 and C76-89.