

PI 552532 to 552534. *Beta vulgaris* L. CHENOPODIACEAE Sugar beet

**Donated by:** Campbell, L.G., Agricultural Research Laboratory -- USDA, Northern Crop Sci. Lab., Fargo, North Dakota, United States; and North Dakota Agr. Exp. Sta.. **remarks:** F1011-F1014 Sugarbeet Germplasms. Received June 20, 1991.

PI 552532 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., Fargo, North Dakota 58105. **cultivar:** F1012. **pedigree:** Selected (six cycles) from PI 266610 (originally from Poland). **other id:** GP-135. **group:** CSR-SUGARBEET. **remarks:** 167 accessions of the NC-7 Beta collection were screened for high sucrose concentration. High sucrose individuals from lines with above average sucrose were selected for 6 cycles. Segregates for pink and green hypocotyls and produces multigerm seed. Sucrose concentration was equal to Ultramono, and root yield was 70% of Ultramono. Biennial. Breeding Material. Seed.

PI 552533 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., Fargo, North Dakota 58105. **cultivar:** F1013. **pedigree:** Selected (six cycles) from PI 169025 (originally from Turkey). **other id:** GP-136. **group:** CSR-SUGARBEET. **remarks:** 167 accessions of the NC-7 Beta collection were screened for high sucrose concentration. High sucrose individuals from lines with above average sucrose were selected for 6 cycles. Segregates for pink and green hypocotyls and produces multigerm seed. Sucrose concentration was equal to Ultramono, and root yield was 80% of Ultramono. Biennial. Breeding Material. Seed.

PI 552534 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Northern Crop Science Lab., Fargo, North Dakota 58105. **cultivar:** F1014. **pedigree:** Selected (six cycles) from PI 355959 (originally from Russia). **other id:** GP-137. **group:** CSR-SUGARBEET. **remarks:** 167 accessions of the NC-7 Beta collection were screened for high sucrose concentration. High sucrose individuals from lines with above average sucrose were selected for 6 cycles. Segregates for pink and green hypocotyls and produces multigerm seed. Sucrose concentration was equal to Ultramono, and rooty yield was 80% of Ultramono. Biennial. Breeding Material. Seed.

PI 552535. *Gossypium hirsutum* L. MALVACEAE Cotton

**Donated by:** Baker, S.H., Georgia Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia, United States. **remarks:** GaT 85-19 Cotton Germplasm. Received June 20, 1991.