

PI 510667. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Smith, W.C., Department of Soil and Crop Science, Texas A & M University, College Station, Texas, United States. Received July 15, 1987.

donor id: UArk 2402. **origin:** United States. **cultivar:** Arkot 518. **pedigree:** Rex 713/Coker 304. **other id:** CV-91. **group:** CSR-COTTON. **other id:** UArk-75182402. **remarks:** Maturity earlier than other available cultivars. Open-canopy growth habit because of longer main stem internodes. Stems and leaves pubescent. Bolls and bracts large. Lint yield potential excellent. Fiber longer than other mid-south cultivars. **disease resistance:** Fusarium wilt. Cultivar. Seed.

PI 510668 to 510669. *Beta vulgaris* L. CHENOPODIACEAE Sugarbeet

Donated by: Campbell, L.G., USDA-ARS, North Dakota State University, Fargo, North Dakota, United States. **remarks:** Joint contribution of USDA-ARS and the North Dakota Agr. Experiment Station. Received July 15, 1987.

PI 510668 **donor id:** F1007. **origin:** United States. **pedigree:** Selection from population formed from interpollinating 44 low internal CO₂ individuals from 29 accessions. **other id:** GP-120. **group:** CSR-SUGARBEET. **remarks:** Multigerm, green hypocotyl type. Postharvest storage-respiration rate substantially below current commercial hybrids. Pair cross maternal parents were PIs 171515 and 176872 from Turkey. Breeding Material. Seed.

PI 510669 **donor id:** F1008. **origin:** United States. **pedigree:** Selection from population formed from interpollinating 44 low internal CO₂ individuals from 29 accessions. **other id:** GP-121. **group:** CSR-SUGARBEET. **remarks:** Multigerm, green hypocotyl type. Postharvest storage-respiration rate substantially below current commercial hybrids. Pair cross maternal parents were PIs 169016 from Turkey and 181716 from Lebanon. Breeding Material. Seed.

PI 510670. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Kenworthy, W.J., Dept. of Agronomy, University of Maryland, College Park, Maryland, United States. Received July 15, 1987.