

PI 549120 to 549135-continued

PI 549134 **donor id:** N44. **origin:** United States. **pedigree:** Population derived from annual and biannual sweetclovers with genotype N44 (YCCCuCubb), which is one of a set of 16 populations representing all possible homozygous combinations of 4 allelic pairs Y/y, C/c, Cu/cu and B/b. **remarks:** Y/y and C/c alleles govern seed color, Cu/cu alleles govern coumarin content, B/b alleles govern Beta-glucosidase activity in sweet clover. N44 (YCCCuCubb) genotype has medium yellow seed, high in coumarin content and low in Beta-glucosidase activity. Seed should be scarified before planting. **received as:** M. alba. Annual. Genetic Material. Seed.

PI 549135 **donor id:** N45. **origin:** United States. **pedigree:** Population derived from annual and biannual sweetclovers with genotype N45 (YCCCuCuBB), which is one of a set of 16 populations representing all possible homozygous combinations of 4 allelic pairs Y/y, C/c, Cu/cu and B/b. **remarks:** Y/y and C/c alleles govern seed color, Cu/cu alleles govern coumarin content, B/b alleles govern Beta-glucosidase activity in sweet clover. N45 (YCCCuCuBB) genotype has medium yellow seed, high in coumarin content and Beta-glucosidase activity. Seed should be scarified before planting. **received as:** M. alba. Annual. Genetic Material. Seed.

PI 549136 to 549151. *Gossypium hirsutum* L. MALVACEAE Upland cotton

**Donated by:** Richmond, T.R., Agriculture Experiment Station, College Station, Texas, United States. Received March 28, 1946.

PI 549136 **donor id:** G-5A. **origin:** Guatemala. **pedigree:** Selection from PI 153964. **collected:** 1946. **collector id:** G-5A. **other id:** TEX 70. **locality:** Retaehulue. **latitude:** 14 deg. 31 min. N. **longitude:** 91 deg. 40 min. W. Annual. Wild. Seed.

PI 549137 **origin:** Guatemala. **pedigree:** Selection from PI 153964. **collected:** 1946. **other id:** TEX 70A. **locality:** Retaehulue. **latitude:** 14 deg. 31 min. N. **longitude:** 91 deg. 40 min. W. Annual. Wild. Seed.

PI 549138 **donor id:** G-9A. **origin:** Guatemala. **pedigree:** Selection from PI 153968. **collected:** 1946. **collector id:** G-9A. **other id:** TEX 75. **remarks:** Bulk sample. Annual. Wild. Seed.

PI 549139 **donor id:** G-9B. **origin:** Guatemala. **pedigree:** Selection from PI 153968. **collected:** 1946. **collector id:** G-9B. **other id:** TEX 76. **remarks:** Bulk sample. Annual. Wild. Seed.