

PI 539940 to 540252-continued

PI 540252 **donor id:** 4590. **origin:** Yemen Arab Republic. **locality:** Al Ahjar. **elevation:** 2590m. **remarks:** Race - Durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seed light yellow. Cultivated. Seed.

PI 540253. X Triticosecale sp. POACEAE Triticale

**Donated by:** McLeod, J.G., Swift Current Res. Sta.-Agric. Canada, P.O. Box 1030, Swift Current, Saskatchewan, Canada. **remarks:** Frank Triticale. Received April 20, 1990.

**origin:** Canada. **origin institute:** Agriculture Canada, Research Station, Research Branch, Swift Current, Saskatchewan, Saskatchewan. **cultivar:** FRANK. **pedigree:** 7634-246E3/7631-CJ. **other id:** T59. **other id:** 7937-CA3A. **other id:** CV-9. **group:** CSR-TRITICALE. **remarks:** Spike long, middense, semi-nodding, awned, tapered. Glumes medium width, long, pubescent, white with glume shoulders apiculate and narrow and glume beaks narrow and acuminate. Kernel red, medium hardness, ovate with rounded checks. Kernel brush midsize, midlong hairs, and crease wide and of medium depth. Germ large. Resistant to prevalent races of stem rust (*Puccinia graminis*), leaf rust (*P. recondita*),. Spring Annual. Cultivar. Seed.

PI 540254 to 540256. *Gossypium hirsutum* L. MALVACEAE Upland cotton

**Donated by:** Smith, C.W., Texas Agr. Exp. Sta., Texas A&M University, Dept. of Soil & Crop Sciences, College Station, Texas, United States. **remarks:** Three Early-Maturing Upland Cotton Germplasms. Received April 12, 1990.

PI 540254 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Dept. of Soil and Crop Sci., Texas A&M University, College Station, Texas 77843. **cultivar:** TAM 1051. **pedigree:** CA-491A/Lankart 57/3/Empire/Lankart 611/2/Empire/Lankart 611 /4/Paymaster 1209/2/Lankart 57/Acala 5675/3/Paymaster 1209/2 /Lankart 57/Acala 5675/3/Lankart 57/2/Deltapine 14/Roger's Acala. **other id:** GP-422. **source:** Crop Sci. 30(6):1372 1990. **group:** CSR-COTTON. **remarks:** Plants compact type, agronomically determinate. Maturity early. Bolls medium. Storm resistant. Perennial. Breeding Material. Seed.