early maturing, with B2B3B7 genes for resistance to bacterial blight (Xanthomonas campestris pv. malvacearum). Higher level of resistance to fusarium wilt/root-knot nematode complex (Fusarium oxysporum f. sp. vasinfectum/Meloidogyne incognita) than other lines. Fiber length averages 1.12 inches, significantly longer than previously released Tamcot cultivars, except Tamcot HQ95.

PI 595762. Gossypium hirsutum L.
Breeding. Pureline. C5HUG2BES-2-87. GP-660. Pedigree - C4HUGBES-1-84 x CAHUGS-1-84. Glanded, normal leaf, normal bract, nectaried, glabrous, early maturing, with B2B3B7 genes for resistance to bacterial blight (Xanthomonas campestris pv. malvacearum). Fiber quality similar to Tamcot HQ95. Fiber length averages 1.10 inches, strength 25.0 g/tex, and micronaire 3.7. Higher resistance to verticillium wilt than other MAR-5 lines.

PI 595763. Gossypium hirsutum L.
Breeding. Pureline. CDP37HPIH-1-1-86. GP-661. Pedigree - Tamcot CD3H X Pora Inta from Argentina. Glanded, normal leaf, normal bract, nectaried, pubescent, with B2B3B6B7 genes for resistance to bacterial blight (Xanthomonas campestris pv. malvacearum). Lint percentage averages 37.8% and gin turnout 29.2%. Average fiber strength 25.9 g/tex. High yield potential similar to Tamcot HQ95. Higher levels of resistance to verticillium wilt (Verticillium dahliae), fusarium wilt/root-knot nematode complex (Fusarium oxysporum f. sp. vasinfectum/Meloidogyne incognita), and phymatotrichum root rot (Phymatotrichum omnivorum) than other MAR-5 lines.

PI 595764. Gossypium hirsutum L.
Breeding. Pureline. LBBCD3H-1-1-87. GP-662. Pedigree - LEBOBCS-1-2-84 x Tamcot CD3H. Glanded, normal leaf, normal bract, nectaried, pubescent, with B2B3B6B7 genes for resistance to bacterial blight (Xanthomonas campestris pv. malvacearum). High yield potential and early maturity. Fiber length averages 1.12 inches, strength 25.9 g/tex, and micronaire 3.9.

The following were developed by S.C. Anand, University of Missouri, Delta Center, P.O. Box 160, Portageville, Missouri 63873, United States. Received 10/16/1996.

PI 595765. Glycine max (L.) Merr.
Cultivar. Pureline. "Delsoy 5500"; S88-1854. CV-361; PVP 9700029. Pedigree - Hutcheson x S81-2524. Mid-maturity group V with determinate growth habit. Flowers white, pubescence tawny, and pods tan. Resistant to Race 3 and moderately resistant to Race 14 of soybean cyst nematode, Heterodera glycines. Moderately resistant to root-knot nematode, Meloidogyne incognita, but susceptible to Meloidogyne arenaria. Seed protein 410 kg-1, oil 211g kg-1, seedcoat dull yellow, and hila brown.

The following were collected by James Mac Stewart, University of Arkansas, Agronomy Department, Fayetteville, Arkansas 72701, United States. Donated by F. Douglas Wilson, USDA, ARS, Western Cotton Research Laboratory, 4135 East Broadway Road, Phoenix, Arizona 85040, United States. Received 11/30/1996.