

PI 583376. *Gossypium hirsutum* L.

Breeding. NC 88-95. GP-606. Pedigree - McNair 235/NC 177-16-30. Full-season with maturity similar to KC 380. Possesses high lint percentage (45.3% compared to 39.2% for Deltapine 50), the glabrous trait controlled by the T2 allele, and high glandulosity. Growth habit intermediate with normal leaf shape and nectaries present. Petals and pollen cream with no petal spot. Seed index 10.6g/100 seed and intermediate boll size (5.2g/boll). Resistance good to fusarium wilt (*Fusarium oxysporum*) and budworm/bollworm (*Helicoverpa* and *Heliothis* spp.) complex.

The following were developed by Mike McLaughlin, USDA, ARS, P. O. Box 5367, Highway 12, Mississippi State, Mississippi 39762-5367, United States; Gary A. Pederson, USDA, ARS, Crop Sci. Research Lab, Forage Research Unit, Mississippi State, Mississippi 39762-5367, United States. Received 07/06/1994.

PI 583377. *Trifolium repens* L.

Breeding. MSRedFL. GP-5. Pedigree - Intercross of 88 red-flowered plants from F2 or BC1 generations from original crosses of Tillman with a single red-flowered plant collected in Iowa. Red-flowered germplasm derived from intercrosses of plants expressing red flowered trait. Plants have spinal red or rose opal flower color, little change in pigment intensity due to sunlight or environment, brown-black seeds, and recessive inheritance.

The following were collected by Kevin Dahl. Donated by L. Parker, Native Seeds/SEARCH, 2509 N. Campbell #325, Tucson, Arizona 86719, United States. Received 07/07/1994.

PI 583378. *Sorghum bicolor* (L.) Moench

Cultivated. Apache Red Sugarcane; S01-007; Sugar Cane (Indian). Collected 10/25/1986 in Arizona, United States. Latitude 33 deg. N. Longitude 110 deg. W. Elevation 5000 m. Cultivated land, San Carlos Apache Reservation, Gila County. Seeds red. Planted in spring, harvested fall. Should be eaten when seeds are ripe/red.

The following were collected by Epling el Forbes, Instituto Colombiano Agropecuario, Palmira, Colombia. Donated by L. Parker, Native Seeds/SEARCH, 2509 N. Campbell #325, Tucson, Arizona 86719, United States. Received 07/07/1994.

PI 583379. *Sorghum bicolor* (L.) Moench

Cultivated. Tohono O'odham; S01-003; Kanya (Indian). Collected 1980 in Arizona, United States. Latitude 32 deg. N. Longitude 112 deg. W. Elevation 1500 m. Farm storage, Tohono O'odham Reservation, Pisimo District. "Native" sugar cane sorghum of the O'odham Indians. Planted in late summer in floodwater fields and harvested in the fall. Stalks pressed for sugar or eaten raw. Possibly an early Spanish introduction.

The following were collected by Eric Powell. Donated by L. Parker, Native Seeds/SEARCH, 2509 N. Campbell #325, Tucson, Arizona 86719, United States. Received 07/07/1994.

PI 583380. *Sorghum bicolor* (L.) Moench

Cultivated. MAYO; S02-001; Cana de Escoba (Spanish). Collected 1987 in Sonora, Mexico. La Vinata, Sonora. Seeds blonde.

The following were collected by Amadeo Rea. Donated by L. Parker, Native