

midge-resistant restorers. Less susceptible to rust, leaf blight, zonate leaf spot, anthracnose and moderately susceptible to grain molds.

**PI 592506. *Sorghum bicolor* (L.) Moench**

Breeding. Inbred. ICSB 88020; PM 7068B. PL-255. Pedigree - FLRI 01 / DS76514-13-1-1-7-1. Midge-resistant seed parents based on A1 cytoplasmic-genetic male-sterility system. Flower 59-60 days. Good potential for producing midge-resistant hybrids in combination with midge-resistant restorers. Less susceptible to rust, leaf blight, zonate leaf spot, anthracnose, and moderately susceptible to grain molds.

The following were developed by Charles N. Bollich, USDA-ARS, Rice Research, RT. 7, Box 999, Beaumont, Texas 77706, United States; Anna McClung, USDA, ARS, Rice Research Station, Route 7, Box 999, Beaumont, Texas 77713, United States; M.A. Marchetti, Texas A&M Experiment Station, Rice Research Station, Beaumont, Texas, United States; B.D. Webb, USDA, ARS, Rt. 7, Box 999, Beaumont, Texas 7713-8530, United States. Received 12/11/1995.

**PI 592507. *Oryza sativa* L.**

Breeding. Population. B82-761. GP-79. Pedigree - Vista / Lebonnet. Long grain with excellent resistance to *Pyricularia grisea* and *Rhizoctonia solani* which cause rice blast and sheath blight, respectively. Blast resistance due to the unique combination of three major genes, pi-d, Pi-z, and Pi-kh. Sheath blight resistance superior to any other conventional U.S. long grain cultivar. Early maturing (119 days) and conventional height (132 cm), yield inferior to commercial cultivars but milling quality comparable. Apparent amylose 20.4% and intermediate gelatinization temperature.

The following were developed by J.C. McCarty, USDA, ARS, Crop Science Research Laboratory, P.O. Box 5367, Mississippi State, Mississippi 39762, United States; Johnnie Jenkins, USDA, ARS, Crop Sci. Res. Lab., P.O. Box 5367, Mississippi State, Mississippi 39760, United States; R.L. Shephard, USDA, ARS, Crop Sci. Res. Lab., P.O. Box 5367, Mississippi State, Mississippi 39762, United States; W.L. Parrott, USDA, ARS, Crop Sci. Res. Lab., P.O. Box 5367, Mississippi State, Mississippi 39762, United States. Received 12/11/1995.

**PI 592508. *Gossypium hirsutum* L.**

Breeding. M-92RNR. GP-619. Pedigree - Auburn 634 / Stoneville 213. Root-knot nematode eggs/plant averaged 1200 compared to 81,000 on check Stoneville 825. Boll size equal to the check. Lint percent significantly lower than the check. Fiber strength not significantly different from Stoneville 825. Seed cotton yield numerically lower but not significant from Stoneville 825.

**PI 592509. *Gossypium hirsutum* L.**

Breeding. M-120RNR. GP-620. Pedigree - Auburn 634 / Coker 201. Root-knot nematode eggs/plant averaged 400 compared to 81,000 on check Stoneville 825. Boll size greater than the check. Lint percent significantly lower than the check. Fiber strength 21% greater than Stoneville 825. Seed cotton yield numerically lower but not significant from Stoneville 825.

**PI 592510. *Gossypium hirsutum* L.**

Breeding. M-155RNR. GP-621. Pedigree - Auburn 634 / Coker 310. Root-knot nematode eggs/plant averaged 600 compared to 81,000 on check Stoneville 825. Boll size equal to the check. Lint percent significantly lower than the check. Fiber properties not significantly different from Stoneville 825. Seed cotton yield numerically lower but not significant from Stoneville 825.

**PI 592511. *Gossypium hirsutum* L.**