

Breeding. Pureline. MP 42; (MS2)-16-1-2-1. Pedigree - [(MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom)]-16-1-2-1. Inbred 17 of 20 (Group 1). Silage or food-quality dual purpose R-line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-compact, exsertion approx. 20 cm. Seed weight 2.36 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 68 and 63, and plant height 171 and 204 cm. respectively.

**PI 599709. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 43; (MS2)-16-1-4-1. Pedigree - [(MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom)]-16-1-4-1. Inbred 18 of 20 (Group 1). Silage or food-quality dual purpose R-line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-compact, exsertion approx. 20 cm. Seed weight 2.50 gm 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 67 and 66, and plant height 177 and 183 cm. respectively.

**PI 599710. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 44; (MS2)-16-1-5-1. Pedigree - [(MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom)]-16-1-5-1. Inbred 19 of 20 (Group 1). Silage or food-quality dual purpose R-line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-compact, exsertion approx. 5 cm. Seed weight 2.19 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 68 and 70, and plant height 171 and 180 cm. respectively.

**PI 599711. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 45; (MS2)-30-3-6-1. Pedigree - [(MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom)]-30-3-6-1. Inbred 20 of 20 (Group 1). Silage or food-quality dual purpose R-line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-compact, exsertion approx. 25 cm. Seed weight 2.30 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 71 and 63, and plant height 155 and 163 cm. respectively.

**PI 599712. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 46; (MS2)-24-2-4-1. Pedigree - [(MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom)]-24-2-4-1. Inbred 1 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-open, exsertion approx. 25 cm. Seed weight 2.28 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 69 and 67, and plant height 168 and 207 cm. respectively.

**PI 599713. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 47; (MS2)-30-3-5-1. Pedigree - [(MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom)]-30-3-5-1. Inbred 2 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp white, testa absent, panicle semi-compact, exsertion approx. 30 cm. Seed weight