

Breeding. Pureline. MP 53; (PBMR6\*2\*12)-27-2-1-1. Pedigree - [Piper BMR 6\*((OK 11\*BMR 2)BC3-1-3-2-2\*(OK 11\*BMR 12)BC2-7-1-3-1-2)]-27-2-1-1. Inbred 8 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-6 or bmr-17, which are allelic. Plant color tan, epicarp white, testa absent, panicle open, exsertion approx. 10 cm. Seed weight 2.07 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 70 and 63, and plant height 162 and 152 cm. respectively.

**PI 599720. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 54; (PBMR6\*2\*12)-27-2-1-3. Pedigree - [Piper BMR 6\*((OK 11\*BMR 2)BC3-1-3-2-2\*(OK 11\*BMR 12)BC2-7-1-3-1-2)]-27-2-1-3. Inbred 9 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-6 or bmr-17, which are allelic. Plant color tan, epicarp white, testa absent, panicle open, exsertion approx. 15 cm. Seed weight 1.44 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 71 and 65, and plant height 155 and 131 cm. respectively.

**PI 599721. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 55; (BMR Sudan 1)-11-1-1-2. Pedigree - [(Greenleaf BMR 6\*((Stoneville Synthetic\*Leoti Derivative Low Bloom))\*(IS 38-2934\*BMR 18))-33-3-4]-11-1-1-2. Inbred 10 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-6 or bmr-17, which are allelic. Plant color tan, epicarp brown, testa present, panicle open, exsertion approx. 15 cm. Seed weight 1.53 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 64 and 66, and plant height 162 and 154 cm. respectively.

**PI 599722. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 56; (BMR Sudan 2)-23-2-2-1. Pedigree - [(Greenleaf BMR 6\*((MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom))-24-4-7-1]-23-2-2-1. Inbred 11 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-6 or bmr-17, which are allelic. Plant color tan, epicarp brown, testa present, panicle open, exsertion approx. 5 cm. Seed weight 2.08 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 63 and 64, and plant height 152 and 162 cm. respectively.

**PI 599723. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 57; (BMR Sudan 2)-23-2-2-2. Pedigree - [(Greenleaf BMR 6\*((MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom))-24-4-7-1]-23-2-2-2. Inbred 12 of 19 (Group 2). Sudangrass line with recessive brown midrib gene bmr-6 or bmr-17, which are allelic. Plant color tan, epicarp brown, testa present, panicle open, exsertion approx. 5 cm. Seed weight 1.70 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 65 and 66, and plant height 165 and 189 cm. respectively.

**PI 599724. Sorghum bicolor (L.) Moench**

Breeding. Pureline. MP 58; (BMR Sudan 2)-25-2-2-1. Pedigree - [(Greenleaf BMR 6\*((MN 752\*BMR 12)\*(Stoneville Synthetic\*Leoti Derivative Low Bloom))-24-4-7-1]-25-2-2-1. Inbred 13 of 19 (Group 2). Sudangrass line with two recessive brown midrib genes, bmr-6 or bmr-17, which are allelic, and bmr-12 or bmr-18, also allelic. Plant color tan,