

respectively.

PI 599750. Sorghum bicolor (L.) Moench

Breeding. Pureline. MP 84; (SUDBMR5*IS7173C)-1-2-1-1. Pedigree - [(MN 752*BMR 12)*(Stoneville Synthetic*Leoti Derivative Low Bloom))-30-3-5-1*IS7173C]-1-2-1-1. Inbred 20 of 20 (Group 3) with acid-soil tolerance. Sudangrass line with recessive brown midrib gene bmr-12 or bmr-18, which are allelic. Plant color tan, epicarp brown, testa present, panicle open, exertion approx. 20 cm. Seed weight 1.75 gm. 100 seed-1. In June plantings at Plainview, TX and Starkville, MS, days to 50% anthesis 70 and 65, and plant height 201 and 229 cm. respectively.

The following were donated by Texas A&M University, Texas Agricultural Exp. Station, College Station, Texas 77841, United States. Received 1962.

PI 599751. Ricinus communis L.

Cultivar. "LYNN". CV-4. Pedigree - RA 11-15-4 x Cimarron (designated cross T53222). Produced higher yields than other varieties in 1961 regional trials at Plainview, TX, Altus and Goodwell, OK, and Lincoln, NE. Plants dwarf-internode, stems green with waxy bloom. Inflorescence normal monoecious, capsules spined, indehiscent, and hull easily when dry. Stigma green. Seeds medium large, heavy and plump, oval, brown mottled with brownish-gray background. Mature plant height .91 to 1.22 m. Stems slender. Branches produce many racemes of medium to small size. Seed quality excellent, oil content 52 to 54%. Resistant to Verticillium wilt, bacterial and Alternaria leafspot. Susceptible to capsule mold. Adapted to castor growing areas of TX, NM, KS, and NE.

The following were donated by USDA, ARS, Texas Agric. Exp. Station, College Station, Texas, United States. Received 1974.

PI 599752. Ricinus communis L.

CNES-1.

The following were donated by W. W. Roath, U.S. Department of Agriculture, North Dakota State University, Waldron Hall, Fargo, North Dakota, United States. Received 01/21/1985.

PI 599753. Helianthus annuus L.

Breeding. 780622-625; Ames 3220; HA 154.

The following were donated by Gerald Seiler, USDA-ARS, Conservation & Production Research Lab., P.O. Drawer 10, Bushland, Texas 79012, United States. Received 03/07/1985.

PI 599754. Helianthus annuus L.

Breeding. Inbred. RHA 265; Ames 4034. Developed in United States. High oil. Rust resistant restorer.

PI 599755. Helianthus annuus L.