

Contain resistances to *Fusarium* spp. head blight, rust (*Puccinia purpurea*), leaf blight (*Exserobolium turcicum*), downy mildew (*Sclerospora sorghi*) except pathotype 3, and tolerant to head smut (*Sphacelotheca reiliana*).

- PI 585293. *Sorghum bicolor* (L.) Moench
Breeding. Inbred. Tx2905; R9037. GP-398. Pedigree - (B2Tx636*Tx435) CF2-B11-B2-CBK. Restorer in the A1 cytoplasmic-genetic male-sterility system. 3-dwarf. Days to 50% anthesis 63. Plant height 86cm. Epicarp color red. Endosperm type normal. Plant color tan. Resistant to anthracnose (*Colletotrichum graminicola*). Contain resistances to *Fusarium* spp. head blight, rust (*Puccinia purpurea*), leaf blight (*Exserobolium turcicum*), downy mildew (*Sclerospora sorghi*) except pathotype 3, and tolerant to head smut (*Sphacelotheca reiliana*).
- PI 585294. *Sorghum bicolor* (L.) Moench
Breeding. Inbred. Tx2906; TMTx430. GP-399. Pedigree - (Tall mutation Dw2Dw3 in Tx430)-1-1-1-CBK. Restorer in the A1 cytoplasmic-genetic male-sterility system. 2-dwarf dw, Dw2 Dw3 dw4. Days to 50% anthesis 64. Plant height 178cm. Epicarp color white. Endosperm type yellow. Plant color purple with pseudo brown midrib. Resistant to anthracnose (*Colletotrichum graminicola*). Contain resistances to *Fusarium* spp. head blight, rust (*Puccinia purpurea*), leaf blight (*Exserobolium turcicum*), downy mildew (*Sclerospora sorghii*) except pathotype-3, and tolerant to head smut (*Sphacelotheca reiliana*).
- PI 585295. *Sorghum bicolor* (L.) Moench
Breeding. Inbred. Tx2907. PL-253. Pedigree - (Tx435*R3338wx)-C1-C1-T3-CBK. Genetically 3-dwarf (dw1Dw2dw3dw4) approximately equal to RTx435 in height. Panicle semi-open with erect rachis branches at maturity. Genotype of RRYyiiZZB1B1b2b2wxwx for caryopsis traits. Caryopses round to slightly elliptical and glumes cover approx. 1/3 of caryopsis. Glumes straw color, florets awnless, and sessile spikelets normally neuter. Plant color tan (pp00) and midrib juicy. Approx. 3 to 5 days earlier than RTx430. Restores fertility to A1 cytoplasmic-genetic male-sterility, restoration of A2 and A3 systems is not known. Developed to provide white grain with waxy endosperm on a tan plant color for use in the food industry.

The following were donated by Ken Kofoid, Kansas State University, Fort Hays Experiment Station, 1232 240th Avenue, Hays, Kansas 67601-9228, United States . Received 08/1993.

- PI 585296. *Sorghum bicolor* (L.) Moench
Grif 7817; IS 24373; CS 1010. Collected in India.
- PI 585297. *Sorghum bicolor* (L.) Moench
Grif 7818; IS 24374; SAR 2035. Collected in Uttar Pradesh, India. Moth.
- PI 585298. *Sorghum bicolor* (L.) Moench
Grif 7819; IS 24375; SAR 2064. Collected in Uttar Pradesh, India. Navshahara.
- PI 585299. *Sorghum bicolor* (L.) Moench
Grif 7820; IS 24377; SAR 2066. Collected in Uttar Pradesh, India. Navshahara.
- PI 585300. *Sorghum bicolor* (L.) Moench
Grif 7821; IS 24378; SAR 2067. Collected in Uttar Pradesh, India. Navshahara.
- PI 585301. *Sorghum bicolor* (L.) Moench
Grif 7822; IS 24379; SAR 2070. Collected in Uttar Pradesh, India.