

PI 576317 to 576327-continued

- PI 576317 **origin:** United States. **cultivar:** B2AR3042. **pedigree:** B2 selection from S.A. 7770-3-3-4 S8 selection. **other id:** Schrock. **remarks:** 3-dwarf B2 line that is a maintainer for A2 cytoplasm. Grain brownish-pink pericarp, starchy mesocarp, brown testa, and black glumes. Plants have open head and plants and grain are schrock type. Genotype of pericarp and testa appears to be B1B1B2B2SSRRyyiizzTpTp. Plants average 91cm in height with 18cm head exertion and were in midflower in 68 days after emergence in Fayetteville, AR. Developing grain has resistance to the red-winged blackbird and brown-headed cowbird. Spring Annual. Breeding Material. Seed.
- PI 576318 **origin:** United States. **cultivar:** KITUI. **pedigree:** 1980 plant introduction from Kenya. **remarks:** Grain has white and chalky pericarp, a testa, and tan glumes. Head small and oval and stalk is dry. Plant averaged 226cm in height with a head exertion of 5cm and were in midflower in 49 days after a June 10 planting date in Fayetteville, Ar. Genotype of the pericarp and testa appears to be B1B1B2B2SSRRyyiizztptp. Spring Annual. Cultivar. Seed.
- PI 576319 **origin:** United States. **cultivar:** R2AR3050. **pedigree:** (A2A32 x Darset6). **other id:** Darset. **remarks:** 3-dwarf line that restores pollen to A2 cytoplasm. Grain has pink-brown pericarp, starchy mesocarp, testa, and black glumes. Plants have compact head and plants and grain are similar to Darset. Genotype of the pericarp and testa appears to be B1B1B2B2SSRRyyiizzTpTp. Plants averaged 94cm in height with 10cm of head exertion and were in midflower 68 days after emergence in Fayetteville, AR. Spring Annual. Breeding Material. Seed.
- PI 576320 **origin:** United States. **cultivar:** B2AR3043. **pedigree:** S5 B2 selection from Tx2119 (Westland). **other id:** Westland. **remarks:** 3-dwarf line that maintains A2 cytoplasm. Grain has pink pericarp and starchy mesocarp, no testa, and black glumes. Plants have semiopen head and plants and grain are identical to Tx 2119 (Westland). The genotype of the pericarp and testa appears to be blblB2B2SSRRYYiizzTpTp. Plants average 97cm with 8cm of head exertion and were in midflower in 70 days after emergence in Fayetteville, AR. Same resistance as in Tx2119 (Westland). Spring Annual. Breeding Material. Seed.