

PI 543253 to 543260-continued

- PI 543255 **origin:** United States. **cultivar:** R LINE AR 3009.
pedigree: Selection from IS 12609 for 4-dwarf and purple testa. **remarks:** 4-dwarf restorer line for Al cytoplasm. Pericarp white, mesocarp pearly, testa purple, and glumes mahogany (B1 Bi B2 B2 ssRRyyiiZZtp tp). Theses completely free of glumes. Panicle exerted slightly above the flag leaf (25cm). Panicle compact. Plant height approximately 82cm. Flowers approximately 76 days after emergence. When crossed with KS57 (tp tp) produces F1 hybrid whose grain produces .03%. Spring Annual. Breeding Material. Seed.
- PI 543256 **origin:** United States. **cultivar:** R LINE AR 3010.
pedigree: Selection from IS 1266c for 3-dwarf. Probably contains a mutated dw3 allele. **remarks:** 3-dwarf restorer line for Al cytoplasm. Pericarp brownish white, mesocarp pearly, testa purple, and glumes mahogany (B1 B1 B2 B2 SSRRyyiiZZtp tp). Panicle exerted above the flag leaf (6cm). Panicle open. Plant height is approximately 120cm. Flowers approximately 74 days after emergence. The grain threshes extremely free of glumes. Resistant to Contarinia sorghicola. Hybrids KS57/ AR3010 and TX2755/. Spring Annual. Breeding Material. Seed.
- PI 543257 **origin:** United States. **cultivar:** R LINE AR 3011.
pedigree: Selection from TS 313 (Early Hegari) / TX 7078 for 3-dwarf and purple testa. **remarks:** 3-dwarf, wide leaved, and semi-open panicle. Pericarp brownish pink, mesocarp starchy, testa purple, and glumes mahogany (B1 B1 B2 B2 SSRRYYiizztp tp). The grain threshes extremely free of the glumes. Panicle exerted above the flag leaf. Plant height approximately 90cm. Flowers approximately 74 days after emergence. Line restores pollen to Al cytoplasm. the hybrid KS 57/AR 3011 had 0.8% tannin. Spring Annual. Breeding Material. Seed.
- PI 543258 **origin:** United States. **cultivar:** R LINE AR 3012.
pedigree: Selection from IS12608c for bird resistance. **remarks:** 3-dwarf, restores for Al cytoplasm. Pericarp white, mesocarp pearly, glumes black (bl bl B2 B2 SSRRyyiiZZTp Tp). Panical exerted approximately 2cm above flag leaf. Panical slightly open. Plant height approximately 97cm. Flowers approximately 75 days after emergence. Grain threshes extremely free of glumes. Bird damage varies year to year. Average general combining ability. Spring Annual. Breeding Material. Seed.