

- PI 543732 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AR 3017. **pedigree:** NB9040/TAM bulk 47 (using pollen mixture). **other id:** Ark 1041. **remarks:** Grain has white and pearly pericarp, yellow endosperm, and mahogany glumes. Seed small and thresh easily from glumes. Panicle exertion above flag leaf (8cm), panicle type open. Plant averages 107cm in height. Flowers approx. 80 days after emergence. Plants sturdy, juicy, and produce no tillers. Restores pollen production to A1 cytoplasm. Selected for disease free leaves. Annual. Breeding Material. Seed.
- PI 543733 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AR 3018. **pedigree:** Selected from A line TX399(Wheatland)/Rline Tx7000 (Caprock). **other id:** Ark. 1008. **remarks:** Resembles Caprock but contains A1 cytoplasm. 3-dwarf line that restores pollen production to A1 cytoplasm. Grain has pink pericarp, starchy mesocarp, and mahogany glumes. Seed average in size and thresh easily from glumes. Panicle exertion well above flag leaf (11cm), panicle type compact. Plant averages 107cm in height. Flowers approx. 79 days after emergence. Plants sturdy, juicy, and produce few. Annual. Breeding Material. Seed.
- PI 543734 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AR 3020. **pedigree:** Selected from TAM Bulk 47 sorghum anthracnose (*Colletotrichum graminicola*) resistant population. **other id:** Ark. 1011. **remarks:** 3-dwarf inbred line that restores pollen production to A1 cytoplasm. Grain has white and pearly pericarp, yellow endosperm, and mahogany glumes. Seed average size and thresh easily from glumes. Panicle exertion above flag leaf (5cm), panicle type open. Plant averages 117cm in height. Flowers approx. 81 days after emergence. Selected for disease free leaves. Annual. Breeding Material. Seed.