

PI 543728 to 543729. *Secale cereale* L. POACEAE Rye

**Donated by:** Nolan, C.N., Clemson University, Clemson, South Carolina, United States. Received November 04, 1975.

PI 543728 **origin:** United States. **cultivar:** ACCO WR-811. **other id:** Cise 519. Annual. Cultivar. Seed.

PI 543729 **origin:** United States. **developer country:** United States. **origin institute:** Conley Seed Co., Waco, Texas. **cultivar:** WINTERMORE. **other id:** Cise 520. Annual. Cultivar. Seed.

PI 543730 to 543740. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

**Donated by:** York, J.O., Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas, United States. Received August 27, 1990.

PI 543730 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AK 3001 R. **pedigree:** Selected from backcross population of Double Dwarf Early Shallu in development of 3-dwarf Shallu (SA 6657-25-4). **remarks:** 3-dwarf restorer line that restores pollen to A1 cytoplasm. Grain has white and pearly pericarp and straw colored glumes. Corneous endosperm. Seed carries a dormancy factor. Panicle exertion well above flag leaf (10cm), panicle type open. Plant averages 105cm in height. Flowers approx. 67 days after emergence. Annual. Breeding Material. Seed.

PI 543731 **origin:** United States. **origin institute:** Arkansas Agr. Exp. Sta., Plant Science 115, Fayetteville, Arkansas 72701. **cultivar:** R line AR 3016. **pedigree:** TX2527/TAM bulk 45 (using pollen mixture). **other id:** Ark. 1040. **remarks:** Grain has white and pearly pericarp, yellow endosperm, and mahogany glumes. Panicle exertion well above flag leaf (11cm), panicle type open. Plant averages 114cm in height. Flowers approx. 84 days after emergence. Plants sturdy, juicy, and produce few tillers. Restores pollen production to A1 cytoplasm. Selected for disease free leaves. Annual. Breeding Material. Seed.