

Breeding. Inbred. "OC19"; Ames 20065. Pedigree - Half-sib pollinations within an S5 line derived from Peterson's ABP13 x Rainbow. Dark red flint corn. Purplish stem and leaves, leaves also have white stripes. Bulk sample of 75 seeds each from 9 half-sib ears. (675 seeds total).

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**PI 596507 QUAR. Pennisetum glaucum (L.) R. Br.**

Breeding. Inbred. ICMB 88006. PL-29. Pedigree - Pedigree and pedigree bulk breeding in a F2 population, 843B x SRL 53-1. Maintainer line, the seed parent of a commercial hybrid developed by private seed company in India. Resistant to downy mildew (*Sclerospora graminicola*) and smut (*Tolyposporium penicillariae*). Mean plant height approx 1.1 m, 50% flowering 50 days. 2.2 panicles plant-1, panicles small, candle-shaped, length 16 cm. Seed size large, 12.7 g 1000-1, shape globular, color grey. Leaf sheath base purple, anther color light brick.

**PI 596508 QUAR. Pennisetum glaucum (L.) R. Br.**

Breeding. Inbred. ICMA 88006. PL-30. Pedigree - Pedigree selection up to F4 and three additional generations of pedigree bulk breeding produced a F7 progeny. Six additional generations of pedigree selection in F7 progeny and concurrent backcrossing into the A1 cytoplasm of 81A. A1-system male-sterile, the seed parent of a commercial hybrid developed by a private seed company in India. Resistant to downy mildew (*Sclerospora graminicola*) and smut (*Tolyposporium penicillariae*). Male sterility found stable across seasons and sites in India. Mean plant height approx. 1.1 m, 50% flowering 50 days. 2.2 panicles plant-1, candle-shaped, small, length 16 cm. Seed size large, 12.7 g 1000-1, shape globular, color grey. Leaf sheath base purple, anther color light brick.

**PI 596509 QUAR. Pennisetum glaucum (L.) R. Br.**

Breeding. Inbred. ICMB 92666. PL-31. Pedigree - Pedigree and pedigree bulk breeding in a F2 progeny No. 155 derived from a BC1 population (ICMP ES 34) x 843B x ICMP ES 34). Production of a F4 progeny from F2 progeny, followed by another 11 generations of pedigree bulk breeding and its concurrent backcrossing into the A1 cytoplasm of 81A. Maintainer line, seed parental line used to breed medium-maturity hybrids. Resistant to downy mildew (*Sclerospora graminicola*), ergot (*Claviceps fusiformis*), and smut (*Tolyporum penicillariae*). Mean plant height approx. 1.4 m, 50% flowering approx. 51 days. Panicles small, appx. 17 cm. Seed size large, 10.5 g 1000-1, shape globular, color grey brown. Node and internode color green, anther color creamy.

**PI 596510 QUAR. Pennisetum glaucum (L.) R. Br.**

Breeding. Inbred. ICMA 92666. PL-32. Pedigree - Production of a F4 progeny from F2 progeny, followed by another 11 generations of pedigree bulk breeding and its concurrent backcrossing into the A1 cytoplasm of 81A. A1-system male-sterile, seed parental line used to breed medium-maturity hybrids. Resistant to downy mildew (*Sclerospora*