

NEW ALL-TEX VARIETIES - 2009**C. Cook and B. Shook****All-Tex Seed Co., Inc.****Victoria, TX****C. Poage, G. Poage, J. Newsom, R. Percival, and B. Kindle****All-Tex Seed Co., Inc.****Levelland, TX****Abstract**

All-Tex seed is launching five new cotton varieties for 2009. Epic RF has very good yield potential and a broad range of adaptation. Patriot+ RF and Orbit RF are more specific in adaptation and possess good to excellent fiber properties. Two of the varieties, 1203 and A102 are conventional cottons. Variety 1203, which possesses excellent fiber properties, is highly adapted to the High Plains of Texas; whereas, A102 has a broad range of adaptation and good fiber properties. Epic RF, Patriot+ RF, Orbit RF, 1203, and A102 should provide growers with high yielding cotton varieties that possess good to excellent fiber properties.

“Epic” RF

Epic RF, originally tested as ATX 65333, is a new, broadly adapted cotton variety from All-Tex Seed. Epic RF is characterized as a medium maturity, smooth-leaf variety, with high yield potential. It is an open boll type with good storm tolerance, a micronaire range of 3.6-4.7, fiber staple length range of 35-36, and fiber strength range of 27-29 g/tex. It is well adapted to both irrigated and dryland growing conditions of Texas, with performance under dryland conditions being exceptional. Additional testing will be conducted in 2009 to determine the potential of Epic RF in the Mid-South production areas.

“Patriot+” RF

Patriot+ RF, which was originally evaluated as ATX 65018, is well adapted to the High Plains and Rolling Plains of Texas. It is a medium maturity variety, with good storm tolerance and a semi-smooth leaf. Patriot+ fiber has a micronaire range of 3.5-4.8, fiber staple length range of 35-36, and fiber strength range of 28-30 g/tex.

“Orbit” RF

Orbit RF, tested as ATX 65016, has a growing range from the Central Texas Blacklands to the southern High Plains of Texas. It is a medium maturity variety, with good storm tolerance and a semi-smooth leaf. Fiber properties of Orbit RF are very good, with micronaire range of 3.8-4.6, fiber staple length range of 36-37, and fiber strength range of 28-30 g/tex.

“1203” conventional

1203 is a conventional variety developed for the High Plains of Texas. Compared to the dominant conventional variety grown on the High Plains across 2007 and 2008, 1203 has shown higher yields and higher fiber loan value. It is a medium maturity, smooth leaf variety, which has good seedling vigor, an open boll type with good storm tolerance, and shows good tolerance to both Verticillium Wilt and Fusarium Wilt. Fiber micronaire range is 3.8-4.8, fiber staple length range is 36-38, and fiber strength range is 29-32 g/tex.

“A102” conventional

A102 is a conventional variety that is adapted to the Coastal Plains, Rolling Plains, and High Plains areas of Texas and Oklahoma. It is a medium-early maturity variety, with excellent seedling vigor, good storm tolerance, and a semi-smooth leaf. Fiber properties of A102 have a micronaire range of 3.9-4.7, fiber staple length range of 36-38, and fiber strength range of 26-31 g/tex.