

**1999 MISSISSIPPI COTTON VARIETY
TRIALS YIELD PERFORMANCE**

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Abstract

Variety selection is one of the first, and perhaps the single most important, decisions a cotton producer makes each season. Results from this research is intended to be an aid in making this crucial decision. Certain data will also be of interest to ginners, millers, and other sectors of the cotton industry. The varieties reported on in this poster were submitted by the cottonseed companies.

All varieties, regardless of transgenes present, were evaluated in these tests under standard management practices, including chemical control of insects with conventional insecticides. The potential advantage of transgenes is not the subject of these tests and was not evaluated.

Varieties submitted for testing were divided into two groups based on maturity as determined by the company submitting each variety. The Early Maturing Cotton Variety Test was comprised of 34 varieties in both the Delta and Hill area of Mississippi. The Mid-maturity Cotton Variety Test was comprised of 23 varieties in the Delta and 13 varieties in the Hills. Deltapine NuCotn 33B, Stoneville 474, and Suregrow 747 were used as check varieties in tests with both maturity groups. A third group of varieties being tested for the first time was initiated in 1999. The New Varieties Test had 19 entries in the Delta and 18 in the Hills.