

1998 MISSISSIPPI COTTON VARIETY TRIALS

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Abstract

Variety selection is one of the first and perhaps the single most important decision a cotton producer makes each season. This research is intended as 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 in the poster were submitted to the trials by the commercial cottonseed companies. All varieties, regardless of transgenes present, were evaluated in these tests under standard management practices including chemical control with conventional insecticides. The potential advantage of transgenes is not the subject of these tests and was not evaluated. In the Delta test, varieties were tested at five locations across the growing region. The Hills region test included seven locations. Varieties submitted for testing were divided into two groups based on maturity classifications determined by the companies submitting each variety. The Early Maturing Cotton Variety Test was comprised of 46 varieties in the Delta and 44 varieties in the Hills. The Mid-maturity Cotton Variety Test was comprised of 24 varieties in the Delta and 22 varieties in the Hills. 'Deltapine NuCotn 33B', 'Stoneville 474', and 'Suregrow 747' were used as check varieties in tests of both maturity groups.