

2006
Project Report
Alabama Farmers Federation Wheat & Feed Grain Committee

Title: Twin-Row Corn Plant Population Study

Investigators:

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Objectives:

- 1) Compare twin row corn populations for yield advantages.
- 2) Put in and promote demonstration plot and conduct field day or winter production meeting (2)

Results:

Twelve twin rows (8 inch twins on 30 inch centers) at 3 different seeding rates (31,000, 34,900, and 38,900 or seeding rates A, B, & C) were replicated 4 times. The harvest populations were 29,600 (A) 33,300 (B) and 37,200 (C) plants respectively for the 3 seeding rates. The yields of rates A, B, & C are as follows: 105.9, 110.5, and 109.0 bu/ac. The test average was 108.46 bu/ac. The test was planted on March 9 and harvested on August 7, 2006. The 2004 yield for this field was 171.56 bu/ac. The drought of the 2006 growing season had an impact on this test. Results of this project were presented @ 3 North Alabama Corn Production Meetings in December 2006. Results were also presented @ a corn production meeting in South Central Tennessee in December 2006.