2006
Project Report
Alabama Farmer's Federation Wheat & Feed Grain Committee

Title: Twin Row Corn Demonstration

Investigators:
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Objectives:
1) Compare twin-row corn to standard 30 inch corn.
2) Put in a demonstration plot and conduct a field day.

Results:

North Alabama: Twelve twin rows (8 inch twins on 30 inch centers) and 12 single 30 inch rows were replicated 5 times. The twin and single row harvest population was 25,000 plants/acre. The twin-row yield was 117.9 bu/ac while the single row yield was 112.1 bu/ac. The 2006 test average was 115.0 bu/ac. The 3 yr. yield advantage of twin-row over single row plots is 11.0 bu/ac. The plot was planted on March 28 and harvested on August 21. In 2006, the test received approximately 26.5 inches of rain. The 2004 and 2005 tests received 36.4 and 34.5 inches of rain respectively. Our North Alabama cooperator has seen such success in the twin-row system he has invested in a planter to more efficiently plant twin-rows, different populations, and a wider range and types of seed.

South Alabama: Unfavorable planting conditions caused the South Alabama cooperator to plant zero corn acres and shift to another crop.

The results of the 2004-06 projects were presented @ 3 North Alabama Corn Production Meetings in December 2006.

The results were also presented at a corn production meeting in South Central, Tennessee in December 2006.

No field day was planned to the project this year due to extreme drought in our area as well as most parts of the state.