

**2005**  
**Project Report**  
**Alabama Farmers Federation Wheat and Feed Grain Committee**

**TITLE:** *Twin-Row Corn Demonstration*

**INVESTIGATORS:**

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**OBJECTIVES:**

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

**RESULTS:**

North Alabama: Twelve twin rows (8 inch twins on 30 inch centers) and 12 single 30 inch rows were replicated 3 times. The twin and single row harvest population was 26,000 plants per acre. The twin row yield was 164.8 bushels per acre while the single row yield was 153.0 bushels per acre for 2 reps. (The rows of rep 3 twin and single rows were too close at one end of plot and harvest data was compromised. Rep 3 was omitted.) Our North Alabama cooperator made an extra \$28.91 per acre on twin row corn compared to single row corn provided this yield advantage held across his acres. The only single row corn he planted in 2005 was in this demonstration plot. He intends to plant all twin-row corn in 2006 except what we plant as apart of the 3<sup>rd</sup> year of this project.

South Alabama: Our intended South Alabama cooperator, after successfully experimenting with twin-row corn in 2003 and 2004, decided not to plant any single row corn in 2005 (including our demonstration plot).

The results of the 2004 and 2005 North Alabama plots have been presented at four North Alabama producer meetings for Colbert, Franklin, Lauderdale, and Lawrence County producers.

Results are also going to be presented at Cotton and Rice Conference in Tunica, Mississippi at the end of January 2006.