

Early County Peanut Fungicide Trial

In 2009 for the sixth year in a row a peanut soil borne fungicide evaluation trial was established. This was a randomized and replicated trial. This trial was 30 rows wide by the length of the field and 6 rows of each rep were evaluated. The fungicides evaluated in this year's trials were: Tilt-Bravo-Abound, Bravo-Provost (8 oz.), Bravo-Provost (10.7 oz.), Bravo – Convoy (1 qt.), and Bravo-Artisan (1 qt.).

The Provost fungicide was applied in a four block spray program and the Abound, Artisan, and Convoy were applied at 60 and 90 days after planting. A Bravo only replication was used for a check.

Disease ratings were taken after digging. White mold was the predominant disease in the field, with the exception of the Bravo treated plot all fungicides offered some control of white mold. The fungicide Provost numerically gave the best control and Abound, Artisan, and Convoy all gave control similar to one another.

Yields were also taken on each replication. Provost (10.7 oz.), gave the highest yield at 6,275 lbs. per acre, followed by Provost (8 oz.) with a yield of 6,193 lbs. per acre, Artisan at 5,841 lbs. per acre, Abound at 5,451 lbs. per acre, Convoy at 5,122 lbs. per acre, and Bravo at 4,755 lbs. per acre.

Return over investment was also calculated. Provost (8 oz.) gave the highest return at \$1,043.18 per acre followed by Provost (10.7 oz.) at \$1,038.57 per acre, Artisan at \$989.33 per acre, Convoy at \$909.26 per acre, Abound at \$904.31 per acre, and Bravo at \$794.20 per acre.

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