



February 2, 2023

Summary Report:

Assessment of Evolving Peanut Fungicide Programs for Yield and Value in Southwest Georgia

Principal Investigators:

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Objective:

Evaluate and compare older season long peanut fungicide programs with newer premium programs for yield and value.

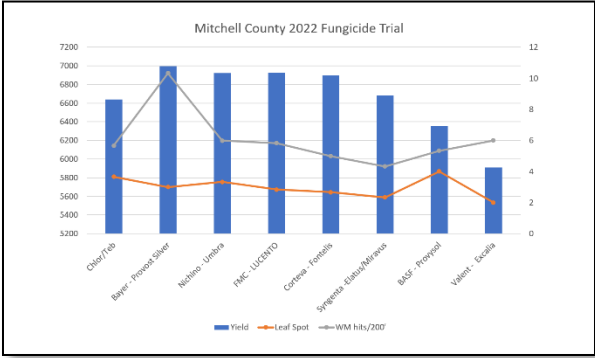
Treatments:

A commercial peanut field was identified and the cooperater agreed to host this plot. The plot was divided into 8 treatments and replicated 2 times across the field. Each plot was 12 rows wide and the center 6 rows were harvested for yield. Treatments consisted of a chlorothalonil / tebuconazole based program, an Elatus / Provost program, a Lucento / Convoy program, a Fontelis program, Umbra / Sulfur program, an Elatus / Miravis program, an Excalia / Provyssol program, and an Excalia program. These where also compared to the farmer standard program.

Treatments									
Mitchell 2022									
Planting Date	4/27/2022								Alphane Overgray
Treatment	88 DAP	91 DAP	89 DAP	76 DAP	89 DAP	105 DAP	120 DAP	136 DAP	
1	Echo 1.5 pt	Echo 1.5 pt	Teb 7.2 fl oz	Elatus 7.3 oz	Teb 7.2 fl oz	Teb 7.2 fl oz	Teb 7.2 fl oz	Teb 7.2 fl oz	Teb 7.2 fl oz
2		Echo 1.5 pt	Provost Silver 13 fl oz	Elatus 7.3 oz	Echo 1.0 pt	Provost Silver 13 fl oz	Echo 1.0 pt	Echo 1.0 pt	Teb 7.2 fl oz
3		Privaor 6 fl oz	Umbra 36 fl oz	Elatus 7.3 oz	Teb 7.2 fl oz	Umbra 36 fl oz	Teb 7.2 fl oz	Teb 7.2 fl oz	Echo 1.0 pt
4	Echo 1.5 pt	LUCENTO 5.5 fl oz	Elatus 9.5 oz	Elatus 7.3 oz	LUCENTO 5.5 fl oz	Convoy 3.8 fl oz	Provost Silver 13 fl oz	Teb 7.2 fl oz	Echo 1.0 pt
5		Approach Prima 6.8 fl oz	Fontelis 16 fl oz	Elatus 7.3 oz	Provost Silver 13 fl oz	Fontelis 16 fl oz	Provost Silver 13 fl oz	Teb 7.2 fl oz	Echo 1.0 pt
6		Echo 1.5 pt	Elatus 7.3 oz	Elatus 7.3 oz	Elatus 7.3 oz	Elatus 7.3 oz	Provost Silver 13 fl oz	Teb 7.2 fl oz	Echo 1.0 pt
7		Alto 5.5 fl oz	Miravis 3.4 fl oz	Elatus 7.3 oz	Alto 5.5 fl oz	Miravis 3.4 fl oz	Provyssol 3 fl oz	Teb 7.2 fl oz	Echo 1.0 pt
8	Echo 1.5 pt	Alto 5.5 fl oz	Excalia 2 fl oz	Elatus 7.3 oz	Provost Silver 13 fl oz	Excalia 2 fl oz	Provost Silver 13 fl oz	Teb 7.2 fl oz	Echo 1.0 pt
		Excalia 2 fl oz	Echo 1.5 pt			Echo 1.5 pt			Echo 1.0 pt

Results:

White Mold and Leaf Spot ratings were taken just prior to harvest and yield was calculated using the UGA Peanut Team weigh wagon. These results are in the following chart.



Brian Hayes
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