



February 2, 2022

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:

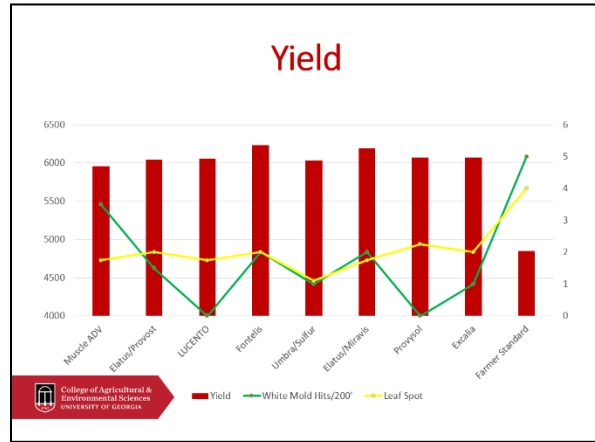
A commercial peanut field was identified and the cooperater agreed to host this plot. The plot was divided into 8 treatments and replicated 2 times across the field. Each plot was 12 rows wide and the center 6 rows were harvested for yield. Treatments consisted of a chlorothalonil / tebuconazole based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

Treatments

Mitchell 2021							
Planting Date	4/29/2021						
Treatment	41 DAP	80 DAP	76 DAP	88 DAP	106 DAP	111 DAP	129 DAP
1	Echo 1.5 pt/A	Echo 1.5 pt/A	Muscle ADV 2.0 pt/A	Muscle ADV 2.0 pt/A	Muscle ADV 2.0 pt/A	Muscle ADV 2.0 pt/A	Echo 1.5 pt/A
2	Echo 1.5 pt	Absolute MAX 3.0 fl oz	Elatus 7.5 oz	Provost Silver 13 fl oz	Elatus 7.5 oz	Provost Silver 13 fl oz	Echo 1.5 pt
3		Lucento 5.5 fl oz	Convoy 38 fl oz	Lucento 5.5 fl oz	Elatus 9.5 fl oz	Provost Silver 12 fl oz	Echo 1.5 pt
4	Approach Prima 6.8 fl oz	Muscle ADV 2.0 pt	Fontelis 36 fl oz	Elatus 9 oz	Fontelis 36 fl oz	Muscle ADV 2.0 pt	Fontelis 36 fl oz
5		Privaor 6 fl oz/A	Umbra 36 fl oz	Muscle ADV 2.0 pt/A	Umbra 36 fl oz	Muscle ADV 2.0 pt	Echo 1.5 pt
			Microthial Dispers		Microthial Dispers		
6	Echo 1.5 pt	Echo 1 pt	Elatus 9.5 oz		Elatus 9.5 oz		Echo 1.5 pt
		Alto 3.5 oz	Miravis 3.4 fl oz		Miravis 3.4 fl oz		Alto 3.5 oz
7		Privaor 6 fl oz/A	Excalia 3.0 oz	Tebuconazole 7.2 oz	Excalia 3.0 oz	Tebuconazole 7.2 oz	Alto 3.5 oz
			Echo 1.5 pt	Provost 13 fl oz	Echo 1.5 pt	Provost 13 fl oz	
8	Echo 1.5 pt	Excalia 2.0 fl oz	Excalia 2.0 fl oz	Lucento 5.5 oz	Excalia 2.0 fl oz	Muscle ADV 2.0 pt	Echo 1.5 pt
		Echo 1.5 pt	Echo 1.5 pt		Echo 1.5 pt		
Farmer Standard	400 DAP	54 DAP	75 DAP	88 DAP	102 DAP	121 DAP	
	Echo 1.5 pt/A	Provost Silver 13 fl oz	Elatus 7.5 oz	Provost Silver 13 fl oz	Elatus 7.5 oz	Provost Silver 13 fl oz	
	Folicur 8 oz/A						

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.



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