

January 26, 2026

To: The Georgia Peanut Commission

Reference: Tattnall County Peanut Variety Trial Summary

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A variety trial was conducted in Tattnall County in cooperation with William Addis, located in Glenville, Georgia. The peanut trial was planted on May 21<sup>st</sup>, 2025 and harvested on November 3<sup>rd</sup>, 2025. The Trial consisted of four varieties: 12Y, 21 GR, DG 913, and 16HO. Peanuts were planted in a twin row configuration, and rows were 36 inches apart. Rows were around 500 feet long and 6 rows wide (0.2 acres). The cultivar with the highest emergence rate was 12 Y with roughly 5 to 7 seeds per foot.

Additionally, spotted wilt counts were conducted across the county to compare incidence among the varieties 16-HO, 06-G, Dyna-Gro, and 12-Y. Observed spotted wilt "hits" ranged from 3 to more than 60 per 100 feet, indicating substantial variability in disease pressure. Plots with no recorded in-furrow insecticide treatment exhibited higher spotted wilt incidence. Within single-row plots treated with Thimet, 16-HO averaged fewer spotted wilt hits than 06-G; however, replication was limited, and results should be interpreted accordingly.

Yield data across all plots is in figure 1. The highest yielding cultivar averaged across all plots was 12 Y at 4868.75 lbs./acre, followed by 16 HO at 4657 lbs/acre, DG 913 at 4638 lbs/acre, and 21 GR at 4034.78 lbs./acre.

<b>Figure 1</b>				
<b>Variety</b>	<b>Replcation 1 (lbs)</b>	<b>lbs/acre equivalent</b>	<b>Variety</b>	<b>Average Yield Data</b>
12Y	739	3695.00	12 Y	1043.67
21 GR	846	3525.00	21 GR	891.33
DG 913	934	4245.45	DG 913	911
16 HO	978	4657.14	16 HO	891.33
<b>Variety</b>	<b>Replcation 2 (lbs)</b>	<b>lbs/acre equivalent</b>	<b>Variety</b>	<b>Average Yield Data</b>
12 Y	834	4170.00		
21 GR	900	3913.04		
DG 913	974	4638.10		
16 HO	825	3750.00		
<b>Variety</b>	<b>Replcation 3 (lbs)</b>	<b>lbs/acre equivalent</b>	<b>Variety</b>	<b>Average Yield Data</b>
12 Y	1558	4868.75		
21 GR	928	4034.78		
DG 913	825	3928.57		
16 HO	871	4147.62		

The agents want to thank the GA Peanut commission for the funding that allowed this and other trials like this to continue. Without support from the commission the ability to conduct on-farm research would be limited. These trials allow for local relevant research data that growers in our community use to help their farms become more productive.

We want to again thank the Peanut Commission for their continued support of Tattnall County Extension!

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