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1264
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Project Title: Peanut Response to Agronomic Management

Fund No. 367397 (APPA-RIA03-AGRPNOMIC MGT)

Report of Progress: Research plots were established for the 2013 crop season at the Wiregrass Research and Extension Center in Headland, Al. as part of this multi-state project. The purpose of this research is to determine if there are any differences in yield from multiple row patterns with different varieties. Another part of this experiment was to establish several different on farm variety test locations across the different growing regions of Alabama. Plots were planted during the month of May and early June. Plots were harvested during the fall. Data was then analyzed for statistical differences.

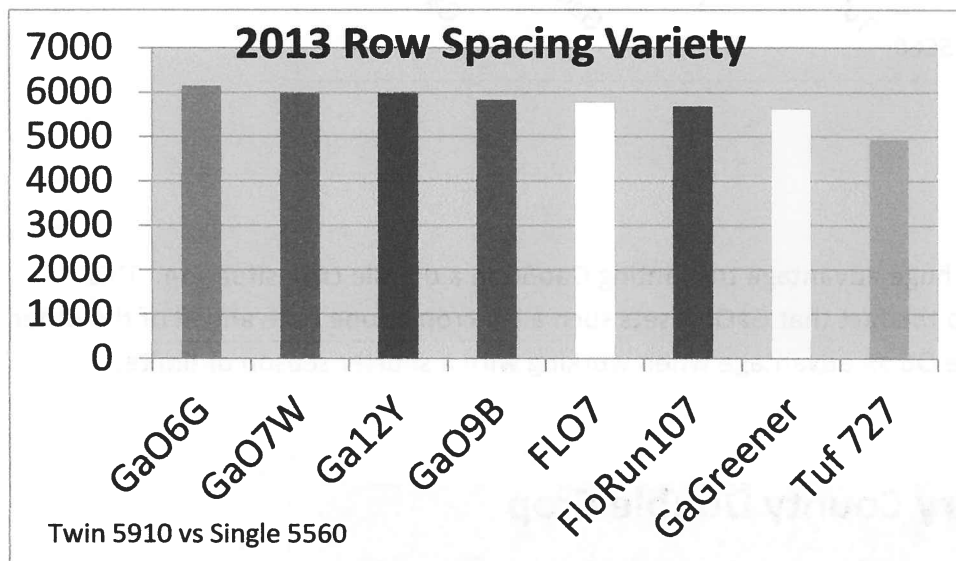


Table 1.

We saw a yield benefit of 350 lbs/ac from the twin rows. The Ga O6G in table 1 had the highest numerical yield of all the varieties with not much different from the other varieties. The Tuf 727 showed us the lowest yields with the biggest disappointment from a yield aspect.

Table 2 below is a good representation of what we saw from planting these varieties across the state in the different growing regions. GaO6G always was at the top followed by the new variety from Florida Flo Run 107. These trials also showed Tuf 727 had a lower yield than the other varieties.

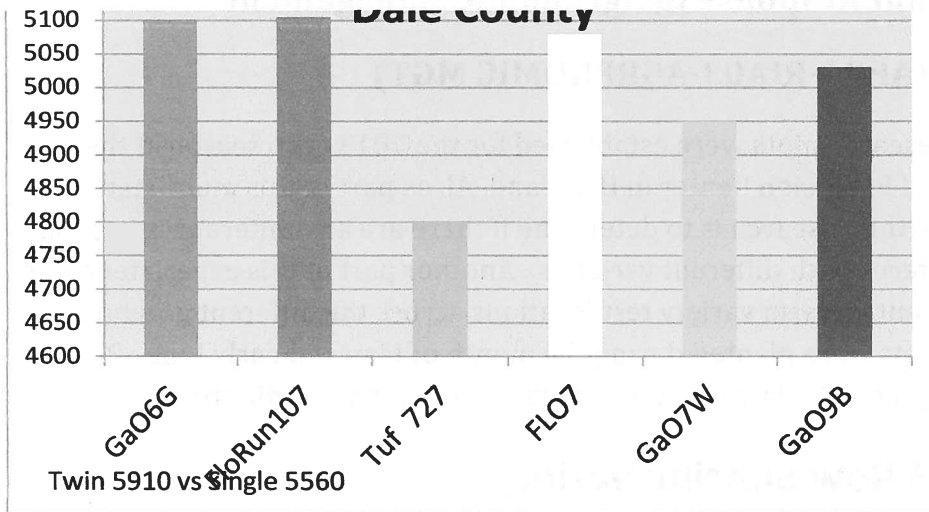


Table 2.

Table 3 below shows a huge advantage to planting Gao6G in a double crop situation. This stands to reason due to the fact that GaO6G sets such a big crop at one time ahead of the other varieties. This gives the O6 an advantage when working with a shorter season or limited weather.

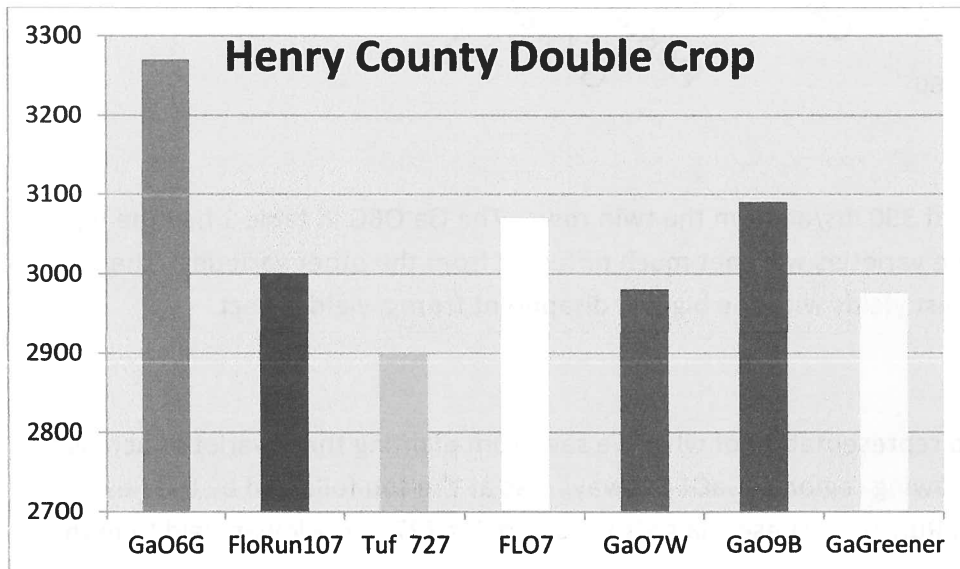


Table 3.