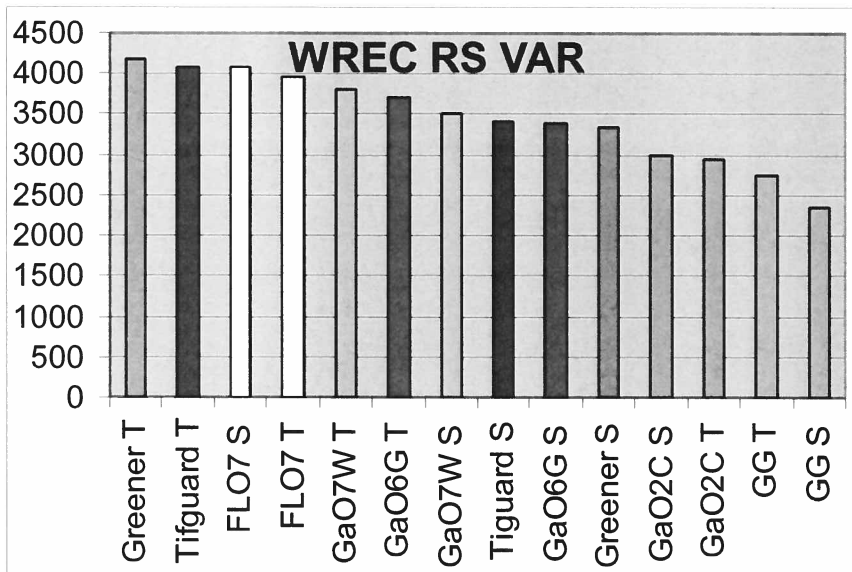


252
 A1-56
 901
 2010

Project Title: Peanut Response to Agronomic Management
 Fund No. 367370 (APPA-RIA03-AGRPNOMIC MGT)

Report of Progress: Research plots were established for the 2010 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 and various types of tillage practices. Plots were planted the end of May and have been harvested for yield and grade. Data was then analyzed for statistical differences. Figure 1 shows a statistical diff. of 339 lb/ac between varieties and different row spacings.

Figure 1.



The next table shows two years of data comparing striptill versus a subsoil roller with two row patterns. The data shows us that there was no difference between the tillages but did show a significant yield benefit to 36 inch twin rows spaced nine inches apart over single 36 inch rows with both tillages.

<u>Treatment</u>	<u>2009 Yield</u>	<u>2010 Yield</u>
Striptill Twin	5,670 A	4,670 A
Subsoil Twin	5,330 AB	4,860 A
Subsoil Single	5,170 B	3,380 B
Striptill Single	5,125 B	3,530 B