

Peanut Profitability and Sustainability in Ben Hill County - Ben Hill County Peanut On-Farm Variety Trial
County: Ben Hill County

Peanut Research Project – Ben Hill On-Farm Peanut Variety Trial 2024

Objective

During the 2023 production season we repeated a peanut variety trial with grower cooperator Kenny Ray Davis. This trial has been done with this grower since the 2020 growing season. This trial compared seven varieties in replicated treatments. The objective was to plan, conduct, complete, and share the information from this on-farm large-plot peanut trial with local and state producers.

During the growing season data was collected from the trial. Vigor rating for seed germination, stand counts, TSWV ratings, and yield data was collected from the plot. This data will give growers and specialist more details on how well the different varieties perform based on different locations and conditions.

In 2023 we were able to host a field day at the trial location for producers and industry from Ben Hill and surrounding counties. UGA specialists attended and gave the latest harvest updates and control recommendations on weeds, insects, disease, and harvest. The onsite field day gives producers a chance to see different varieties side by side with practices similar to what they implement on their own farms. At the county peanut production meeting results from the trial are shared with producers in Ben Hill counties as well as producers from all over the state.

4 Year Ranking for Ben Hill Plots

2020	2021	2022	2023
1 GA-16-HO 7018	1 GA -18RU 7263	1 GA-16HO 5536.7	1 Tif NV-HG 6245
2 GA-18RU 6635	2 GA -06G 7258	2 GA-18RU 5358.7	2 GA 21GR 6217
3 EXP142728 6393	3 GA -16HO 7222	3 GA-12Y 5252.7	3 FloRun -T61 6044
4 GA-06G 6182	4 GA 20VHO 7104	4 GAa-06G 5206.3	4 AUNPL-17 5967
5 FloRun 331 6137		5 AUNPL-17 5168.3	5 GA- 12Y 5935
		6 ACI 3331 4943	6 GA-06G 5925
		7 ACI N 104 4576.7	7 GA-16-HO 5922