Peanut Profitability and Sustainability in Irwin County

Peanut Research Project – Ben Hill/Irwin Peanut On-Farm Variety Trial

Objective

      During the 2024 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 six 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, Leaf Spot ratings, white mold ratings, and yield data were collected from the plot during the season. This data will be compiled and put together with statewide dates to give growers and specialists more details on how well the different varieties perform based on different locations and conditions.

      At the county peanut production meeting results from the trial are shared with producers in Ben Hill and Irwin counties as well as producers from all over the state. Below is a ranking of varieties over a 5 year period with yields and grades listed.

Five Year Yield Ranking for On Farm Peanut Variety Trial

2020	Yield	Grade	2021	Yield	Grade	2022	Yield	Grade	2023	Yield	Grade	2024	Yield	Grade
1 GA-16-HO	7018	74	1 GA -18RU	7263	80	1 GA-16HO	5537	81	1 Tif NV-HG	6245	74	1 Arnie	5773	72
2 GA-18RU	6635	72	2 GA -06G	7258	79	2 GA-18RU	5359	80	2 GA 21GR	6217	74	2 GA-06G	5727	74
3 GA 20VHO	6393	66	3 GA -16HO	7222	78	3 GA-12Y	5253	74	3 FloRun –T61	6044	72	3 TifNV-HG	5699	72
4 GA-06G	6182	69	4 GA 20VHO	7104	81	4 GAa-06G	5206	76	4 AUNPL-17	5967	81	4 FloUn-52N	5634	72
5 FloRun 331	6137	61				5 AUNPL-17	5168	75	5 GA- 12Y	5935	68	5 Ga-21GR	5419	76
						6 ACI 3331	4943	75	6 GA-06G	5925	74	6 Ga-18RU	4943	75
						7 ACI N 104	4577	74	7 GA-16-HO	5922	72			