

Grady County Peanut Variety Trial

In 2023, the Grady County Ag & Natural Resources Agent conducted an on-farm peanut variety trial with grower/cooperator Blake Stanaland. In this trial, we had 4 peanut varieties: Georgia-06G which is the grower standard for the state of Georgia, Georgia-12Y, Georgia-18RU and AUNPL-17. We had 3 replications of each variety. This trial was irrigated. It was planted on May 29, 2023, dug on October 21, 2023 and harvested on November 2, 2023.

After planting, I took stand counts from each of the varieties. I also collected tomato spotted wilt virus data from each variety during the season. The percentage of TSWV on each variety were as follows:

- GA-12Y – 1%
- GA-06G – 1%
- GA-18RU – 2%
- AUNPL-17 – 1%

For our seeding rate, we were aiming for 7 seed per foot. The stand counts on each variety were as follows:

- GA-12Y – 6.4
- GA-06G – 5.5
- GA-18RU – 5.5
- AUNPL-17 – 5.5

Samples were also taken from each variety to be graded by the federal & state inspection service. The total SMK from each variety was as follows:

- GA-12Y – 72%
- GA-06G – 75%
- GA-18RU – 79%
- AUNPL-17 – 72%

Weights were taken at harvest from each rep with a weight cart. The grower standard GA-06G ended up yielding the highest out of all the varieties with the AUNPL-17 variety coming in right behind it. The yields from each variety were:

- GA-12Y – 4848 lbs./acre
- GA-06G – 5288 lbs./acre
- GA-18RU – 4937 lbs./acre
- AUNPL-17 – 5283 lbs./acre