

## 2023 Brooks County Peanut Variety Trial

An on-farm peanut variety trial was conducted in Brooks County, GA. The trial consisted of 4 different peanut cultivars, which were GA-06G, GA-12Y, GA-18RU, and GA-16HO. Peanuts were planted in strip-till twin rows with an average plant population of about 70,000 plants per acre. Each cultivar was planted in 4 quarter acre plots on May 26th, 2023. Peanuts were dug on October 27<sup>th</sup>, 155 days after planting. Throughout the cultivars there were no observable differences in leaf spot. Ratings of Tomato Spotted Wilt Virus were as recorded, 18RU averaged 6.1%, 06G averaged 3.7%, and 12Y and 16HO both averaged at 2.6%. As for yield, 06G was the highest yielding cultivar with an average of 6,369 lbs/acre. Although, 18RU and 16HO were neck and neck with 06G, with 16HO averaging 6,208 lbs/acre, and 18RU averaging 6,111 lbs/acre. The lowest yielding cultivar was 12Y, with an average yield of 5,387 lbs/acre, 12Y also graded lower than the other cultivars evaluated in this trial with a total sound mature kernel (TSMK) percentage of 65%. I would like to mention, it is hard to compare 12Y to the other cultivars in this trial as all cultivars were planted and dug on the same dates since 12Y is a medium-late maturing variety and the other cultivars are all medium maturing varieties. Grades for other peanut cultivars were as recorded, 18RU graded 80% TSMK, 06G graded 77% TSMK, and 16HO graded 76% TSMK.

<b>Variety</b>	<b>Net Yield/A</b>	<b>Total SMK</b>
<b>18RU</b>	<b>6111</b>	<b>80%</b>
<b>06G</b>	<b>6369</b>	<b>77%</b>
<b>12Y</b>	<b>5387</b>	<b>65%</b>
<b>16HO</b>	<b>6208</b>	<b>76%</b>