



**Grady County Extension Service**

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Summary Report:

**Evaluation of New Peanut Varieties in Grady County**

Principal Investigators:

Brian Hayes, Grady County Extension Ag & Natural Resources Agent and Scott Monfort, University of Georgia Extension Peanut Agronomist.

Objectives:

Evaluate and compare new peanut varieties including new high oleic varieties to Georgia 06G in Grady County and to determine what variety is best adapted for soil types in Grady County.

Treatments:

A peanut grower and irrigated field in Grady County were identified as a site to plant an irrigated variety trial on May 7. Three new varieties Georgia 12Y, Georgia 13M, and TUFRunner 727 along with the standard for many years Georgia 06G were planted across the field. Each variety was monitored individual all summer and evaluated for any differences in disease pressure among the varieties. The varieties were harvested and graded separately for yield and grade purposes. This information will then be used by growers in and around Grady County to make better variety selections in future planting years.

Results:

While many growers in Grady County harvest very high yielding peanuts this field did not yield as high as we expected it to. The yields are: GA 06G - 4640lbs/A, GA 12Y – 4025lbs/A, Tufrunner 727 – 3814lbs/A, and GA 13M – 3430lbs/A. Grades for the different varieties were as follows: 13M 69, 727 74, 12Y 70 and 06G 73. The 727 was dug at 120 days old because the vines where getting so bad. The rest of the field was dug 2 weeks later at 134 days old, this was too early for the 13M but with the growers schedule we were not able to leave the one variety for later harvest.

Sincerely,

Brian W. Hayes

Grady County Extension Ag & Natural Resources Agent

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