

Hamilton County Peanut Variety On-Farm Trial Introduction

The 2015 Hamilton County Peanut Variety On-Farm Trial was organized by UF/IFAS Hamilton County Agriculture Extension Agent Keith Wynn and UF/IFAS Extension Peanut breeder and geneticist, Dr. Barry Tillman, in a commercial peanut field in Hamilton County. The efficacy of five peanut varieties was compared. Yield and quality were measured on peanuts harvested from plots consisting of 12 rows each and replicated 3 times.

This year the varieties compared consisted of FloRun 107, TUFRunner 727, UF 13303, TUFRunner 511, and GA06G. In this trial peanuts were planted on April 27, 2015, germination counts were conducted on June 15, 2015, and harvested on September 22, 2015 using the cooperating producer's equipment. TUFRunner 727 yield and quality are not included due to harvest error.

Variety	Average Yield Per Acre	Price Per Ton Based on Grade	Price per Acre Based on Grade
FloRun 107	5837	346.86	1012
TUFRunner 727	NA	NA	NA
UF 13303	6040	370.20	1118
TUFRunner 511	5562	347.48	966
GA06G	6394	372.22	1190

Plant Date	04/27/2015
Inverted Date	09/16/2015
Harvest Date	09/22/2015

Note: Prices are based on the 2015 Peanut Price Schedule. Yield represents pounds per acre. This On-Farm trial is used for demonstration only, statistical significance has not been analyzed.

Germination Rates

Variety	Plants/Ft
GA06G	2.9
TUFRunner 727	2.5
UF 13303	3.0
TUFRunner 511	3.0
FloRun 107	3.3

