

Hamilton County Cotton Fertilizer On-Farm Trial Introduction

The 2014 Hamilton County Cotton Fertilizer On-Farm Trial was organized by UF/IFAS Hamilton County Agriculture Extension Agent Keith Wynn and UF/IFAS Extension Agronomist, Dr. David Wright, in a commercial cotton field in Hamilton County. The efficacies of 3 fertilizer rates were compared. Yield and quality were measured

on cotton harvested from plots consisting of 8 rows each and replicated 2 times. This year the 3 nitrogen rates compared were 65 lbs./acre, 95 lbs./acre, and 125 lbs./acre. In this trial cotton was planted on May 21, 2014 and harvested on October 13, 2014 using the cooperating producer's equipment.

Nitrogen Rate	Average Weight (lb./acre)	Gin Turn Out (% Fiber)	Lint Yield (lb./acre)
65	1775	39	692
95	2132	39	831
125	2206	39	860

(Statistical significance has not been analyzed)

