

374
1255
2013

Annual Report + Summary
GDD changed to 446 starting F4-15

NPB Progress Report

Implementation of Peanut Farm
Fund No. 367403 (APPA-RIA03-Peanut Website)

Two sites were at the Wiregrass Research and Extension Center. Each site had a different rotation or planting date with irrigation. All locations recorded rainfall, temperature, and irrigation. Pod samples were taken every 10-14 days and pod blasted to determine maturity. The samples from the pod blast are currently at the University of Florida trying to correlate the GDD's to the pod blast method.

The results from the locations were:

WREC 1 yr peanut cotton rotation planted 5/20 yield 5,755lb/ac grade 77/4 thru 79/3 GDD 2157.

Our goal was to match GDD with maturity. As you can see the GDD was short of what we have determined to be optimal maturity at 2500. However these test showed an excellent grade with high quality peanuts. We feel that the later planting date for these locations allowed the peanuts to change and respond to the day length. This caused the peanuts to mature faster than in the past when they were planted earlier in the year (early May). Therefore the weather didn't allow the peanuts to gain as many heat units but still were mature for digging.