

2020 Report to Georgia Peanut Commission for 2019 GPC Grant: Early Season Comparison of Thimet In-furrow and Admire Pro

Principal Investigators Phillip Edwards Irwin County Extension Coordinator

Guy Hancock Irwin County Extension Intern

Cooperators

Dr. Mark Abney

Dr. Bob Kemerait

Dr. Scott Monfort

Darrell and Jeffery Ross Farmer Cooperators

Objective

This trial compared replicated in-furrow applications of Thimet versus Admire Pro at an early planting time. The objective was to plan, conduct, complete and share the information from this on-farm large plot peanut trial. Also secured thanks to Dr. Mark Abney was AgLogic but it was not included in the trial.

Plan of Action

The hopper box apparatus was calibrated prior to application – actually two separate calibrations. The field was planted on May 2nd in a twin row configuration and the Thimet and Admire Pro used was at the recommended rates. Additionally, inoculant was added to two of the treatments. Each replication was measured. Four replications of each of the treatment were planted.

Results

The trial was rated for Tomato Spotted Wilt Virus and other visible characteristics by Dr. Kemerait. The rating for TSWV was inconclusive. We were unable to harvest the trial by replication due to unforeseen circumstances at harvest. The peanut in the trial yielded 5400 pounds per acre. The trial was conducted with assistance from the farmer cooperators and members of the UGA Extension Peanut Team and Irwin County Extension Office Staff.