

2021 Georgia Peanut Commission Grant

Assessment of Peanut Soil-borne Fungicide Programs and Sulfur in Irwin County, GA 2021

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Extension Specialists - Dr. Scott Monfort, Dr. Bob Kemerait, Dr. Albert Culbreath
Farmer Cooperators Terry Pope, Wyatt Pope Irwin County

Objective

This was the second year with this exact study. This trial compared four replicated treatments of currently used fungicide programs with additional applications using a sulfur material. The information gathered will be shared on the county and national level. Objectives achieved was in planning, conducting, completing and in 2022 to share the information from this on-farm large plot peanut trial.

Plan of Action

The field was planted in a single row configuration and fungicide materials used will be at the recommended rates as recommended during the growing season. Each replication was measured. The trial was rated for leaf spot, rust prior to inverting and white mold immediately after inverting. Each replication of each of the treatment was harvested and weighed separately and grade samples taken for each treatment. The trial will be conducted with assistance from the farmer cooperator and members of the UGA Extension Peanut Team and Irwin County Extension Office Staff.

Plans for how funds were to be used

Funds were used to purchase fungicides that were not donated to carry out the trial. We did not have to pay for grab sample submissions (though they were taken) as each of the same treatments were loaded on the same wagon and the standard sampling was used. Any unused portions of the grant if any will be used for extension programming efforts related to peanut production and/or documentation of trial results through various available means.

Other Peanut Research Efforts Include:

Single vs Twin Row Peanut Comparison including multiple seeding rates, with assistance from Scott Carlson, Macie Wheeler, Kaleb Bell and farmer cooperator Austin Griffin

Tomato Spotted Wilt Field Survey on Peanut

Peanut Farmer Pest Management Survey

Peanut Rx Farmer Survey – Intern project and poster

