

2023 Georgia Peanut Commission Grant

Assessment of EazyRhiz™ Legume Inoculant as a source for peanut inoculation and observation of feral swine damage associated with its use in Wilcox County, Ga 2023

Principal Investigators – John Bennett, Wilcox County Extension Coordinator

Extension Specialists – Dr. Scott Monfort

Cooperating Producers – Madison Brown, Luke Brown

Objective

EazyRhiz™ is a legume inoculant recommended for use in peanut production. EazyBond Genesis, a recommended tank mix, is a polymer additive designed to increase inoculant survival when applied with EazyRhiz™. The trial compared three replicated treatments including three replications of EazyRhiz™, three replications of EazyRhiz™ with the addition of EazyBond Genesis, and three untreated replications. The objective was to collect data on feral swine damage associated with the trial and evaluate any findings.

Plan of Action

One Wilcox County field was utilized for the trial. The field was planted in an 8-row single row configuration at a seeding rate of 6-7 seeds per foot. The treatments were applied in-furrow at the recommended rate of 1 vial per 15 acres. Each replication was marked and plots were checked daily for feral swine rooting damage and observations were recorded.

Plans for how funds were to be used

Funds were used to purchase equipment to carry out the trial. An in-furrow system was designed and implemented on the planter for use during the trial installation. Any unused portions of the grant, if any, will be utilized for extension programming efforts relation to peanut production and/or documentation of trial results.

Other Peanut Research Efforts and Collaborations Include:

Tomato Spotted Wilt Survey on Peanut (10 fields with multiple varieties)

Peanut Farmer Pest Management Survey

Assist with Ben Hill Peanut On-Farm Variety Trial

Attended Ben Hill Peanut Field Day



Feral Swine Damage Documentation 2023

Planting Inoculant Trial 2023



Planting Ben Hill County Peanut Variety Trial 2023