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2025 Georgia Peanut Commission Grant Report

Peanut Enterprise Budget and Economic Analysis Initiative for Enhancing Profitability

This report summarizes work completed and progress made toward the objectives proposed in the funding proposal, including updating peanut enterprise budgets, conducting economic research on cover crops, and delivering outreach and education in crop insurance. The project employs two graduate students who contribute to research and Extension programs on cover crops and peanut crop insurance.

The project updates peanut enterprise budgets to better reflect cost variability and current production practices. Comprehensive data on input usage and prices are collected through expert input from the University of Georgia Peanut Team and county Extension agents. Four detailed peanut enterprise budgets tailored to different farming scenarios in 2025 were updated, and an additional four budgets for 2026 are currently being updated. Additionally, the grant supports the ongoing data collection process for the Agri Benchmark Typical Farm. Four years of data were collected from 2021 to 2024, and 2025 production cost data will be collected in spring 2026. The goal is to integrate joint input values with the Typical Farm data and the peanut enterprise budgets to improve consistency and accuracy.

Cover crop research evaluates the economic risk and viability of adopting cover crops for corn, peanut, and cotton production in Georgia. Using data from a six-year field experiment, enterprise budgets for each crop are developed for four scenarios: no cover crop, rye, and rye plus crimson clover, a mixed cover crop blend. Net returns are simulated to compare treatments and assess the financial feasibility of cover crop adoption. Stochastic Efficiency with Respect to a Function (SERF) analysis ranks alternative treatments based on certainty equivalents across levels of absolute risk aversion, allowing identification of risk-efficient cover crop options and evaluation of economic sustainability. This research was presented at the 2026 Beltwide Cotton Conference and will be presented in 2026 Southern Agricultural Economics Association Meeting.

In addition to research activities, the project develops and distributes educational materials for peanut crop insurance and agricultural policy in One Big Beautiful Bill. Two publications covering crop insurance were released through Southern Ag Today.

Thank you to the Georgia Peanut Commission for all your support.
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