

SCSB Quarterly Report

General Information

Principal Investigator(s) Name(s): Rachel Vann and David Gunter

Organization: North Carolina State University

Date: 12/27/2018

Quarter: Q3

Proposal Information

Title: Management of Early Maturity Soybeans in the Carolinas

Amount Expended to Date: \$3,884

Progress Assessment

Detailed project results from the field trials were provided in Quarterly Report 2. Results from Dillon Co. site will be summarized prior to submission of the final report. In addition to the SCSB supported sites in Union Co, Rowan Co, and Dillon Co, comparable research trials were conducted in Robeson Co, Bertie Co, Beaufort Co, and Pasquotank Co with support from the North Carolina Soybean Producers Association. These results coupled with a second year of research in 2019 should provide robust information for a summary of production practice impact in earlier maturing soybeans in the Carolinas. In addition to the outreach events mentioned in Quarterly Report 2, preliminary results from 2018 research were presented to stakeholders at a Certified Crop Advisory training in Smithfield, NC on December 13, 2018 (55 attendees), North Carolina Agricultural Consultants Association training in Raleigh, NC on December 6, 2018 (60 attendees), and at a Soybean Agent Training in Raleigh, NC on November 14, 2018 (36 attendees).

Key Performance Indicators

What KPI(s) are being used to measure project success? How are KPI(s) being measured? Will KPI(s) not be met? Are KPI(s) on track? Will KPI(s) be exceeded? Explain the key circumstances that are impacting achieving or not achieving KPI(s).

KPI 1: *Data will be analyzed and presented to growers in a variety of formats on managing earlier maturing soybeans in the Carolina's.* Fields day were hosted to showcase this research at the Piedmont Soybean Field Day on October 3, 2018 (110 attendees) and the Robeson County Soybean Field Day on September 6, 2018 (30 attendees). In addition to the outreach events mentioned in Quarterly Report 2, preliminary results from 2018 research were presented to stakeholders at a Certified Crop Advisory training in Smithfield, NC on December 13, 2018 (55 attendees), North Carolina Agricultural Consultants Association training in Raleigh, NC on December 6, 2018 (60 attendees), and at a Soybean Agent Training in Raleigh, NC on November 14, 2018 (36 attendees). Extension Publications have been planned. We anticipate this KPI will be met.

KPI 2: *Extension outreach on obtained results will be quantified by distributing surveys to Extension personnel and growers.* Surveys will be distributed, possibly upon larger project conclusion in 2020, and we anticipate this KPI will be met although not by SCSB project support conclusion.

KPI 3: *An additional goal of this project is to foster collaborative relationships between North Carolina and South Carolina soybean stakeholders. Upon the conclusion of this project, these*

relationships should be strengthened and future opportunities for collaboration should be clear. These relationships have been established and this KPI will be met and exceeded.

Next Steps

Results will be presented to growers at Extension events from December-March. Results will be summarized and posted on the NC State Soybean Extension Portal. A graduate student will summarize the multi-state dataset and it will be included in a graduate student thesis. Results will be presented in poster and oral format at the NC Joint Commodity Conference in January 2019. Researchers are open to suggestions on how SCSB stakeholders would like gained project information to be distributed for impact in South Carolina.

Additional Information

Largely all project goals have been attained. This project will continue into 2019 with support from the North Carolina Soybean Producers Association, therefore survey distribution on project impact may be delayed until 2020 upon overall project conclusion.