

Subcontractor Quarterly Report

Please use this form to clearly and concisely report on project progress. The information included should reflect quantifiable results that can be used to evaluate and measure project success. Comments should be limited to the designated boxes. Technical reports, no longer than 4 pages, may be attached to this summary report.

Project Number:	1720-172-0122
Project Title:	Effects of the Introduction of Feed Grains into Mid-South Soybean Production Systems
Organization:	Mississippi State University
Principal Investigator Name:	Dr. John Orlowski
Report Period:	January -March 2017

Project Status: Ongoing

All study locations have sent both nematode and soil nutrient samples to Mississippi State University (MSU) in Stoneville for processing. The nematodes are currently being processed by the nematologists. Soil nutrient samples have been dried and processed at MSU. They are currently being packaged for delivery to the soil testing lab at LSU.

Climatic data has been collected from all cooperators for inclusion into crop models and publications. Dr. Kaur (our post-doctoral researcher) and Dr. Orlowski have had multiple meetings with Dr. Larry Falconer, Ag Economist for MSU at Stoneville. Dr. Falconer has created an economic template for us to begin determining the relative profitability of the rotational treatments. Dr. Kaur is currently collecting input data from cooperating scientists and is incorporating it into our combined data set. Dr. Kaur has also been collecting and verifying the soil test data from 2014 and 2015 and has been thoroughly checking the yield data from 2014-2016 and has begun analysis on yield data.

Corn and grain sorghum has been requested from Pioneer and is in the process of being supplied. The research group has decided to switch to Liberty Link Soybeans this year, so soybean seed will be supplied by Bayer. Dr. Neely has already planted corn in Texas and corn planting is planned soon for Louisiana and Mississippi. All cooperators report that fields are prepared and equipment has been readied for planting. We look forward to a productive summer.