



Laura Lindsey

Project Title

Soybean Field and Quality

Biography

Dr. Laura Lindsey is the soybean and small grain crop production Extension specialist at The Ohio State University. She is originally from Plymouth, Ohio and received her B.S. in environmental science and M.S. in soil fertility from Ohio State. In 2012, Laura received her Ph.D. from Michigan State University in Crop and Soil Sciences. The goal of Laura's research and Extension program is to meet the needs of Ohio farmers through research-based agronomic recommendations. Many of her lab's research projects focus on maximizing production and economic return while minimizing environmental impact.

Project Description

Currently, the Lindsey Lab is identifying inputs that increase soybean yield. Dr. Lindsey is examining several inputs including *Rhizobia* inoculant, gypsum, fungicide, insecticide, and manganese foliar fertilizer. She is also evaluating phosphorus and nitrogen starter fertilizer across several soybean plant dates. In addition to input trials, the Lindsey Lab is identifying yield-limiting factors in Ohio soybean production. The lab along with over 20 Extension educators are working directly with farmers to identify factors that contribute to yield losses through extensive soil, plant, and pest sampling and the use of digital yield maps. They will use a multivariate statistical approach to identify factors that contribute to soybean quality and yield. A summary of soybean agronomic research can be found here:

<http://stepupsoy.osu.edu/node/15/current-soybean-research-projects>. This project began in 2013.

