

# North Florida Extension Academy

## Soil Basics

### Dates and Locations

- November 2017

### What You Will Learn

Participants will learn tools to understand how soils support plant growth through fertility, routine soil sampling and analytic methods, and the benefits and limits of soil test results.



### Topics

- Introduction to plant nutrient requirements and overview of soil fertility, with emphasis on chemical fertility.
- Hands-on exercise in soil identification and characteristics using apps.
- Soil pit tour to learn about soil profile characteristics and how to use soil identification information during producer visits.
- Lecture covering soil sampling, processing, and analytic methods most common in the southeast.
- Lab exercise comparing soil pH measurement methods and its management.
- Discussion on the benefits and limits of soil test results, using agent soil reports as examples.

### Lead Instructors

Cheryl Mackowiak

### Additional instructors and coordinators

Andrea Albertin, Nick Comerford, Wes Wood, Shep Eubanks, Molly Jameson, Mike Mulvaney, and Patrick Troy