

# Soil Health 101

## *An Introduction to Soil Health and its Role in 21<sup>st</sup> Century Agriculture*

### Agenda

- 9:00 a.m. Welcome & Introduction
- 9:15 a.m. Soil Health Basics
- Soil health demonstrations
  - Understanding how soil health affects soil functions
  - Soil health impact on resource management
- 10:30 a.m. Break
- 10:45 a.m. Soil Health Planning Principles
- Manage more by disturbing the soil less
  - Using plant diversity to increase the diversity in the soil biota
  - Keep a living root growing throughout the year
  - Keep the soil covered as much as possible
- 12:00 Lunch
- 1:00 p.m. How to tell if a Soil is Healthy
- Understanding ecosystems processes
  - Evaluating habitat to improve soil biota
- 2:00 p.m. Soil Health Management Systems
- Cropland case study
  - Grazing land case study
- 3:00 p.m. Adjourn