



## WORKSHOP ONE – PROJECT ORIENTATION AND SOIL HEALTH PRINCIPLES

SEPTEMBER 24 AND 25, 2018 • CORTLAND, NY

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### Tentative Workshop Outline Schedule

- 1. Project Orientation and Soil Health Principles:** Orientation to the project and expectations. Soil health principles, functions, and indicators; assessment methods; soil biology and ecology; soil health demonstrations; and resource concerns. September 24 & 25, 2018. Cortland
- 2. Cropping Systems and Cover Crops:** addressing field crops and vegetable systems on crop rotation; benefits of cover crops; cover crop characteristics and seed mixes; adapting cover crop management for differing purposes, soils, and farms; planting dates and methods; harvesting/grazing options; weed control/pest management; and termination. October 23 and 24 2018, Ithaca NY.
- 3. Adaptive Nutrient Management for Soil Health:** nutrient cycling; how soil biology impacts nutrient management; nutrient scavenging; fertilizer recommendations; modeling and tools; manure management and application. Winter 2019, site TBD.
- 4. Eliminating, Reducing, or Modifying Tillage for Soil Health:** benefits of less tillage; no-till systems; planting green; tillage equipment; manure application equipment; equipment field demonstrations. August 2019, tentatively at Empire Farms Days, Seneca Falls.
- 5. Customizing Soil Health Systems to the Farm and Farmer:** the economics of soil health; grazing systems; communication skills and storytelling; preparation for participant education and technical assistance activities. November 2019, site TBD.