2020-2021
Practical Soil Health Specialist Training

Workshop #1 – Soil Health Principles & Cover Crops
October 22 and 23
Virtual
Overview and Goals

• 2020-2021 SH Specialist Training builds off original NE SARE Grant Funded Training Coordinated by American Farmland Trust

• Train 27 Ag. Professionals

• Reach 400 Farmers Managing 40,000 Acres
  • 50 Farmers Implement Soil Health Practice

• Develop a network of soil health professionals

• Help farmers improve their soil health through practical methods

• Help you develop a plan/strategy to help your clients

• Help you develop a teacher “tool kit”

• Professional development

Coordinators: Joseph Amsili, New York Soil Health; Aaron Ristow and Stephanie Castle, American Farmland Trust
Expectations

• Attend both workshops
• Complete our surveys and evaluations – provide feedback
• Assist with at least one farmer soil health related event or provide 1-on-1 one soil health technical assistance to three farmers by December 31, 2021
• Document your educational and technical assistance activities
• We hope to continue with this group after workshop # 2 (funding dependent)
Financials

- There is limited funding to pay for overnight accommodations
- Provide lunch during sessions
- We will reimburse mileage to and from sessions – e-mail form within 5 days after each session ➔ Not relevant until Workshop # 2
Agenda (Day 1): Soil Health Principles

9:00 am – 9:15 am   Orientation

9:15 am – 10:00 am  Breakout rooms to introduce ourselves to each another
    - Each person needs to prepare a PowerPoint slide with 3-4 images that you would like to share with the group so that we get a sense of who you are and what you love to do. Prepare to share for 3 minutes. We will reuse your slide on Day 2.

10:00 am – 10:30 am  Break

10:30 am – 11:15 am  Soil Health Principles and Functions – David Wolfe, Cornell

11:15 am – 12:00 pm  Soil Biology and Ecology – Janice Thies, Cornell

12:00 pm – 1:00 pm   Lunch Break

1:00 pm – 1:30 pm     Soil Health Framework and Indicators – Kirsten Kurtz, Cornell

1:30 pm – 3:00 pm     Soil Health Management Planning Scenarios – Bob Schindelbeck, Kirsten Kurtz, Joseph Amsili, Aaron Ristow, Stephanie Castle
Breakout Rooms - Networking

• By the end of the workshop on Friday, you will have met all the participants in the training through five small group breakout timeslots

Questions:

• Introduce yourself – Name, Title, Organization; Briefly describe your professional background; What are your current responsibilities

• What do you expect to get from the training? What two things do you consider yourself to be very good at?

• What is something interesting that you’ve encountered doing fieldwork?

• What is the weirdest food you’ve (knowingly) eaten?
# Breakout Rooms (Day 1)

- You will automatically be broken up into breakout rooms
- Room Numbers indicate which breakout room you should be in

## Period 1 – 9:15 am to 9:40 am (25 minutes)

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## Period 2 – 9:40 am to 10:00 am (20 minutes)

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Agenda (Day 2): Cover Crops

9:00 am – 10:00 am  Breakout rooms to introduce ourselves to each another

10:00 am – 10:40 am  Cover Crops in Organic Systems – Matt Ryan, Cornell

10:40 am – 11:20 am  Triticale and Sorghum Double Cropping – Quirine Ketterings, Cornell

11:20 am – 12:00 pm  Addressing Soil Health Through Cover Crops – Thomas Bjorkman, Cornell

12:00 pm – 1:00 pm  Lunch Break  
https://www.youtube.com/watch?v=fAiz1B9Y0i8&t=2s  
https://www.youtube.com/watch?v=bdDurhee_Aw

1:00 pm – 1:40 pm  Nitrogen Credits from Cover Crops – David DeGolyer, Western New York Crop Management Association

1:40 pm – 2:00 pm  Wrap up

• Complete short workshop evaluation  □

https://cornell.ca1.qualtrics.com/jfe/form/SV_9mJzoZe6dPM2dNj
Save the Date and Workshop # 2

• Save the date for November 18th from 12:00 – 1:30 pm
  Webinar: “Linkages between cover crop roots and soil health”

• Selecting dates for Workshop # 2:
  - Possible Options:
  1. March 25-26
  2. April 1-2
  3. April 8-9
  4. April 15-16

• By the end of the workshop on Friday, please email me or enter in the chat box if one of these Thursday-Friday dates doesn’t work for you
# Breakout Rooms (Day 2)

- Room Numbers indicate which breakout room you should be in

## Period 1 – 9:05 am to 9:35 am (30 minutes)

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## Period 2 – 9:35 am to 10:00 am (25 minutes)

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Questions?