



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

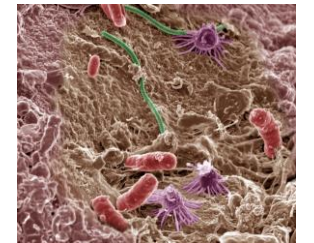
10:30 am – 11:15 am Soil Health Principles and Functions – David Wolfe, Cornell

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

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



Cornell Soil Health Laboratory



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)

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
<i>Joseph Amsili</i>	<i>Stephanie Castle</i>	<i>Aaron Ristow</i>	<i>Ann Marie</i>	<i>Rod Porter</i>	<i>Lorie Ames</i>
Tim Lewis	Matthew Rayo	Briana Alfaro	Jevonnah Foster	Amanda Barber	Megan Myers
Wilfred Nieves	Dave Magos	Leah Retherford	Paul Gier	Patricia Ehlers	Nick Rowell
Samuel Joseph	Jessica Sargis	Angelo Lampousis	Jillian Zajac	Garet Livermore	Marci Muller
John Hill	Jennifer Phillips Russo	Jacob Fox	Liz Camps	Mila Fournier	Miranda Ciardulli
Bob Stryker	Matthew Lamb	Blank	Blank	Blank	Zachary Warning
~ 4 min./person	~ 4 min./person	~ 5 min./person	~ 5 min./person	~ 5 min./person	~ 4 min./person

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

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
<i>Joseph Amsili</i>	<i>Stephanie Castle</i>	<i>Aaron Ristow</i>	<i>Ann Marie</i>	<i>Rod Porter</i>	<i>Lorie Ames</i>
Megan Myers	Tim Lewis	Wilfred Nieves	Samuel Joseph	John Hill	Bob Stryker
Matthew Rayo	Jacob Fox	Jessica Sargis	Miranda Ciardulli	Jevonnah Foster	Matthew Lamb
Leah Retherford	Marci Muller	Jillian Zajac	Amanda Barber	Nick Rowell	Briana Alfaro
Paul Gier	Liz Camps	Zachary Warning	Dave Magos	Angelo Lampousis	Garet Livermore
Patricia Ehlers	Mila Fournier	Blank	Blank	Jennifer Phillips Russo	Blank
~ 3 min./person	~ 3 min./person	~ 4 min./person	~ 4 min./person	~ 3 min./person	~ 4 min./person

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

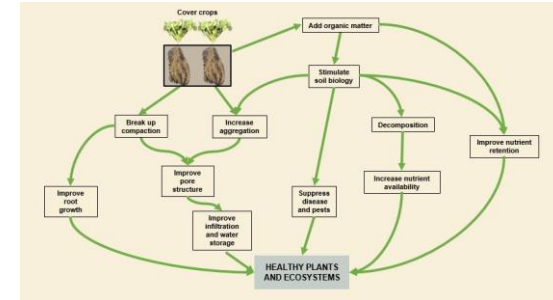
https://cornell.ca1.qualtrics.com/jfe/form/SV_9mJzoZe6dPM2dNj



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)

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
Joseph Amsili	Stephanie Castle	Aaron Ristow	Debbie Aller	Brian Boerman	Heidi Lott
Briana Alfaro	Jevonnah Foster	Paul Gier	Marci Muller	Wilfred Nieves	Dave Magos
Jessica Sargis	Nick Rowell	John Hill	Amanda Barber	Zachary Warning	Samuel Joseph
Mila Fournier	Patricia Ehlers	Megan Myers	Jennifer Phillips Russo	Jacob Fox	Liz Camps
Miranda Ciardulli	Bob Stryker	Matthew Lamb	Leah Retherford	Jillian Zajac	Garet Livermore
Blank	Blank	Blank	Tim Lewis	Matthew Rayo	Angelo Lampousis
~ 6 min./person	~ 6 min./person	~ 6 min./person	~ 5 min./person	~ 5 min./person	~ 5 min./person

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

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
Joseph Amsili	Stephanie Castle	Aaron Ristow	Debbie Aller	Brian Boerman	Heidi Lott
Jevonnah Foster	Paul Gier	Liz Camps	Mila Fournier	Jillian Zajac	Briana Alfaro
Dave Magos	Wilfred Nieves	Jennifer Phillips Russo	Jessica Sargis	Matthew Lamb	Matthew Rayo
Jacob Fox	Leah Retherford	Tim Lewis	Bob Stryker	Samuel Joseph	John Hill
Zachary Warning	Garet Livermore	Patricia Ehlers	Angelo Lampousis	Nick Rowell	Amanda Barber
Blank	Miranda Ciardulli	Blank	Megan Myers	Blank	Marci Muller
~ 5 min./person	~ 4 min./person	~ 5 min./person	~ 4 min./person	~ 5 min./person	~ 4 min./person

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 you've encountered doing fieldwork?

What is the weirdest food you've (knowingly) eaten?

Questions?