



Cornell Soil Health Train-The-Trainer Workshop

August 10 – 14, 2009

Cornell University Campuses, Ithaca and Geneva, NY



Are you interested in measuring soil health, improving soil health and learning about holistic soil management options? If the answer is YES, then this workshop is for you. The Cornell Soil Health Program has developed cost-effective methods for soil health assessment, targeting important soil processes such as aeration, drainage, root growth, disease pressure, nutrient release, etc. Specific management recommendations are also suggested to address identified soil health constraints.

This intensive soil health workshop includes a mix of classroom training, hands-on laboratory experience, field assessment of soil health, generating the soil health report and its interpretation, and a field trip to local farms to observe and discuss adopted soil health practices. Additional information and resources can be found on our website: <http://soilhealth.cals.cornell.edu>



Tentative Workshop Schedule:

- ☀ Day 1 Classroom: Review concepts and modern approaches to soil health management.
- ☀ Day 2 Classroom and field trip: Long-term soil health site at Gates Farm, Geneva (field assessment of soil health status, sampling, etc.).
- ☀ Day 3 Classroom and laboratory: Hands-on experience with laboratory protocols for soil health assessment.
- ☀ Day 4 Field trip: Visit local farms to observe/discuss their soil health practices.
- ☀ Day 5 Classroom: Prepare soil health reports, discuss interpretations, and propose management interventions.

Registration form and other details are provided on the second page
Registration/details: Larissa Smith, lsl14@cornell.edu, 607-255-2177

CORNELL SOIL HEALTH TEST REPORT						
DATE	FIELD IDENTIFICATION	FIELD DEPTH (cm)	LABORATORY	LABORATORY	LABORATORY	LABORATORY
TILLAGE (2004-2006, 2008)	SOIL TYPE	DEPTH (cm)	INDICATORS	VALUES	FAIRNESS	CONSTRAINTS
CROP: 2008-CORN/GRASS 2007-BEANS 2006			Aggregate Stability (%)	12.2	0	nutrient, aggregate stability
			Available Water Capacity (mm)	0.17	0	
			Surface Hardness Index	1.49	0	moisture, water transmission
			Subsurface Hardness Index	190	1	
			Organic Matter (%)	2.4	0	energy storage, C sequestration, water holding
			Active Carbon (ppm)	333	0	soil biological activity
			Potentially Mineralizable Nitrogen (ppm)	3.1	0	N cycle, nutrient availability
			Root Health Rating (1-9)	4	1	
			pH (see attached CNAL Report)	6.0	1	
			Extractable Phosphorus (see attached CNAL Report)	18	2	
			Extractable Potassium (see attached CNAL Report)	156	2	
			Microminerals (see attached CNAL Report)	APPROX	2	
OVERALL QUALITY SCORE (out of 100)					MEDIUM	66

For registration information please contact Larissa Smith:

lls14@cornell.edu, 607-255-2177

Registration Cost: \$300/ person

The cost of registration includes 10 coffee breaks (with light snack), 5 lunches, one dinner/reception, transportation in and around Ithaca and Geneva, and materials received during the workshop. Participants are fully responsible for their own lodging, off campus meals, and transport to and from Ithaca, NY. A 50% subsidy of the registration fee for participants from NYS and other states in the NE Region, USA is available.

The workshop will begin in Monday, August 10th at 8:30am and adjourn at 3:00 to 4:00pm on Friday August 14th. Please arrange your arrival and departure as well as accommodations accordingly.

Registration Deadline June 30th, 2009

Seating is limited to 30 – 35, thus participation will be based on first come -first served basis

Please fill out information and return to:

Larissa Smith, Department of Crop and Soil Sciences, Cornell University, Ithaca, USA 14853

Tel: +1-607-255-2177 Fax: +1-607-255-2644 E-mail: lls14@cornell.edu

NAME: _____

AFFILIATION: _____

ADDRESS: _____

PHONE: _____ E-MAIL: _____

METHOD OF PAYMENT (please make check or money order payable to Cornell University):

Credit Card Check Money Order Cornell Account Number

DIETARY PREFERENCE: Vegetarian Vegan Other Restrictions _____

Rooms have been blocked off at the following locations and will be held until July 9th:
(Please reference the Cornell Soil Health Workshop upon booking for discounted rates)

Hilton Garden Inn Ithaca
130 E. Seneca Street
Ithaca, NY, USA 14850
Tel: +1-607-277-8900
Fax: +1-607-277-8910
www.hiltongardeninn.com

Holiday Inn Ithaca Downtown Hotel
222 South Cayuga Street
Ithaca, NY, USA 14850
Tel: +1-607-272-1000
Fax: +1-607-277-1275
www.hiithaca.com/

Ramada Ithaca Executive Conference Center
2310 N Triphammer Rd
Ithaca, NY, USA 14850
Tel: +1-607-257-3100
Fax: +1-607-257-4425
www.ramada.com

Ithaca Convention and Visitors Bureau: <http://www.visitithaca.com/>