

Post-Workshop Survey Results:  
2016-2017 Advanced Soil Health Training

**Q1: I attended this workshop as a: (could circle multiple)**

Workshop#	2	3	4	5	6
Trainee	100%	88%	78%	75%	67%
Steering Committee				17%	11%
Floater			22%	8%	16%
Presenter/host		25%	11%	17%	11%
Total Responses	7	8	9	12	18
Total Attendees	33	25	24	24	24
% Response to Survey	21%	32%	38%	50%	75%

*Increasing interest in the program, % of responses*

**Q#2: What part of the training did you attend?**

	Workshop 2	Workshop 3	Workshop 4	Workshop 5	Workshop 6
Both days	7/100%	5/63%	7/78%	9/82%	15/83%
Day 1 only		3/37%		1/9%	2/11%
Day 2 only			2/22%	1/9%	1/6%

*Majority of respondents (81%) attended both days of sessions*

**Q#3: How well did the soil health training meet your expectations?**

	Workshop 2	Workshop 3	Workshop 4	Workshop 5	Workshop 6
Extremely well	5/71%	2/25%	3/33%	4/33%	10/56%
Very well	2/29%	4/50%	4/45%	8/67%	8/44%
Moderately well		2/25%	2/22%		
Slightly well					
Not well at all					

*44% thought the trainings met expectations 'extremely well.'*

*93% thought the trainings met expectations 'extremely' or 'very' well.*

**Q#4: Overall, how satisfied are you with the program content?**

	Workshop 2	Workshop 3	Workshop 4	Workshop 5	Workshop 6
Extremely satisfied	6/86%	4/50%	5/56%	8/67%	14/78%
Moderately satisfied	1/14%	4/50%	4/44%	4/33%	4/22%
Slightly satisfied					

Neither satisfied nor dissatisfied					
Moderately dissatisfied					
Extremely dissatisfied					

*100% were 'extremely' or 'moderately' satisfied with the program content.*

**Q#5: I learned something new that I will use at outreach events that are already scheduled.**

	Workshop 2	Workshop 3	Workshop 4	Workshop 5	Workshop 6
Strongly agree	6/86%	5/63%	4/50%	8/67%	13/72%
Somewhat agree	1/14%	3/37%	4/50%	4/33%	3/17%
Neither agree nor disagree					2/11%
Somewhat disagree					
Strongly disagree					

*96% agreed they'd use material they learned at these trainings to outreach events.*

**Q#6: This training has inspired me to lead or host a new (not previously scheduled) soil health outreach event in my community.**

	Workshop 2	Workshop 3	Workshop 4	Workshop 5	Workshop 6
Strongly agree	1/14%			2/17%	10/56%
Somewhat agree	6/86%	3/37%	7/78%	8/66%	5/28%
Neither agree nor disagree		4/50%	2/22%	2/17%	3/16%
Somewhat disagree		1/13%			
Strongly disagree					

*78% agreed the trainings inspired them to CREATE new outreach events.*

**Q#7: I learned information that will be useful to my customers/clients that I intend to pass along.**

	Workshop 2	Workshop 3	Workshop 4	Workshop 5	Workshop 6
Strongly agree	6/86%	4/50%	6/67%	8/67%	16/89%
Somewhat agree	1/14%	3/37%	3/33%	4/33%	2/11%

Neither agree nor disagree		1/13%			
Somewhat disagree					
Strongly disagree					

*98% agreed the information they learned will be passed on to customers/clients.*

**Q#8: Please describe the two things you found most helpful in this workshop:**

Workshop:	Items:
2: Nutrient Mgmt & Soil Health	<ul style="list-style-type: none"> <li>-Tim Smith's presentation</li> <li>-Dan Schaefer's presentation</li> <li>-Timing of nitrate loading &amp; use of ccs to adjust that timing (2)</li> <li>-Timing of cover crop termination</li> <li>-Dr. Gruver's excellent content</li> <li>-Nitrogen mgmt's potential impact on watershed issues</li> <li>-Increasing sedimentation issues in local watersheds</li> <li>-Nitrogen testing</li> <li>-The need for more markets to spur more diversity in crop rotations</li> </ul>
3: Measuring Soil Health	<ul style="list-style-type: none"> <li>-rainfall simulator demo, especially flipping the trays (4)</li> <li>-evaluating soil tests (2)</li> <li>-Missouri soil health project</li> <li>-soil sampling discussion</li> <li>-David/Trevor's presentations</li> <li>-farmer perspectives</li> </ul>
4: Becoming a Master Adapter	<ul style="list-style-type: none"> <li>-Lloyd Murdock's presentation in soil pit (3)</li> <li>-Mike Plumer's info on nutrient release (2)</li> <li>-amazing capacity of ryegrass to penetrate the fragipan (2)</li> <li>-chemical carryover with cover crops</li> <li>-importance of varietal purity in cc selection</li> <li>-soil resilience discussion</li> <li>-tile/root infiltration</li> <li>-clover biomass production</li> </ul>
5: Seasonal Operations & Strategies	<ul style="list-style-type: none"> <li>-equipment displays (7)</li> <li>-setting up system work groups (3)</li> <li>-group discussions</li> <li>-bringing livestock back</li> <li>-Barry's rundown on available soil tests &amp; uses</li> <li>-learning about organic systems</li> </ul>
6: Soil Biology (AMF) & Sociology	<ul style="list-style-type: none"> <li>-interaction with participants (2)</li> <li>-how important the microbes are</li> <li>-how the microbes interact with crop (2)</li> <li>-more specific info on AMF (3)</li> <li>-sociology of adopting CCS</li> <li>-benefits given by mycorrhizal fungi</li> </ul>

	<ul style="list-style-type: none"> <li>-interactions of herbicides with the soil biological community (2)</li> <li>-practical advice on managing AMF and other soil critters</li> <li>-ecology study</li> <li>-importance of soil biology (2)</li> <li>-Wendy's presentations (2)</li> <li>-in depth biological talk with data to back up</li> <li>-Sociology info on talking to early adopters (3)</li> <li>-fungi keystone for soil health</li> </ul>
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**Q#9: 2 topics you'd like to hear more about:**

Workshop	Topics:
2: Nutrient Mgt & Soil Health	<ul style="list-style-type: none"> <li>-specific soil health impacts of different cover crop practices</li> <li>-what can be done to get more/better research concerning impacts of cover crops</li> <li>-Soil microbiology</li> <li>-Biological products and their effects on cropping systems</li> <li>-implementation strategies for no-till (2)</li> <li>-science on neg impact erosion has on water quality/soil health</li> <li>-nutrient management</li> <li>-soil health economics</li> <li>-how to show people the relationship of microbes</li> <li>-integrated pest management</li> </ul>
3: Measuring Soil Health	<ul style="list-style-type: none"> <li>-how herbicides affect microbial community</li> <li>-soil water movement &amp; retention</li> <li>-herbicide/genetics changes for CCS</li> <li>-natural synergisms to advance beyond synthetic chemistry</li> <li>-id plants which thrive in CCS environment</li> <li>-microbial influence on soil health</li> <li>-soil types</li> <li>-soil test to measure aggregate stability</li> </ul>
4: Becoming a Master Adapter	<ul style="list-style-type: none"> <li>-use of cover crops to reduce plant disease pathogens</li> <li>-carbon pathways</li> <li>-food soil web</li> <li>-More ways to relate to nonusers</li> <li>-how to setup field trials on new farms</li> <li>-Soil testing changes</li> <li>-soil aggregation and hydrology</li> <li>-current soil health science research</li> </ul>

	<ul style="list-style-type: none"> <li>-specific benefits of commonly used covers in IL</li> <li>-economics of cc seeding rates, in relation to weeds</li> </ul>
5: Season Operations & Strategies	<ul style="list-style-type: none"> <li>-forages &amp; Soil health biology</li> <li>-increasing soil health even with tillage</li> <li>-what to show in a soil pit</li> <li>-organic vs no till discussion</li> <li>-chem/phys disturbances on microbe community</li> <li>-history of soil tests and how they're done</li> <li>-economics of soil health</li> </ul>
6: Soil Biology (AMF) & Sociology	<ul style="list-style-type: none"> <li>-soil health tests</li> <li>-hands on for teaching others (2)</li> <li>-herbicides impact on microbiology (2)</li> <li>-Economics of CCS (2)</li> <li>-Long term expectations of CCS</li> <li>-cover crops and the exudates each specific root releases</li> <li>-plant signaling to microbes</li> <li>-cover crop companion planting</li> <li>-how to avoid drawbacks of ccs</li> <li>-practical building of ecology</li> <li>-regenerative grazing</li> <li>-what is the least damaging tillage?</li> <li>-AMF and OM buildup</li> <li>-scouting and troubleshooting pests</li> <li>-CCS and carbon/ecosystem services</li> </ul>