

**NCR SARE Professional Development Program
2009 State Plan of Work Report**

I. GENERAL INFORMATION

Reporting Period 1/1/2009 – 12/31/2009

State Coordinator First: Dale Last: Mutch

Lead Org Name and address of the lead organization:
 Organization: Michigan State University Extension, KBS Land and Water
 Street Address: 3700 E. Gull Lake Drive
 City: Hickory Corners
 State: MI (use US postal abbreviations, such as CA, NY, etc.)
 Zip code: 49060-9516
 Phone number, including area code: 269 - 671 - 2412 x224
 Fax number, including area code: 269 - 671 - 4485
 Email address: mutch@msu.edu

SARE Funds \$51,800

State Advisory Committee Representatives:		Advisory Committee Meetings: (Face-to-Face & teleconference)	
Member Name	Affiliation	Date	Location
Andrea Buchholz	MSU	12/2/2009	East Lansing
Jim Bingen	MSU & MOFFA (NGO)		
Mike Brewer	MSU		Numerous email and phone communications occurred this past year.
Elaine Brown	MIFFS (NGO)		
Betsy Dierberger	NRCS		
Tim Harrigan	MSU		
Dan Hudson	MSUE		
Jim Koan	Farmer & former NCR-SARE AC member		
Dean Krauskopf	MSUE		
Larry Leach	CSA and farmer		
Gary Manley	Ag consultant and farmer		
Juan Martinez	MSUE & NCR-SARE AC member		
Laura Probyn	MSUE		
Dan Rajzer	MSUE		
Natalie Rector	MSUE		
Tom Rorabaugh	MSUE		
Robin Rosenbaum	MDA		
Dan Rossman	MSUE		
Mark Seamon	MSUE		
John Simmons	Organic farmer		
Robert Serrine	MSUE		
Susan Smalley	MSUE & Past Coordinator		
Hannah Stevens	MSUE		

Promotion (Face of SARE) Activities Conducted, including (but not limited to):
 grant writing workshops, participation at meetings, conference exhibits, etc.

<u>Date</u>	<u>Event</u>	<u>Participants</u>
1/15/2009	Finding Local Food Funding, Beulah MI	50
1/17/2009	Michigan Family Farms Conference, Lakeview MI (SARE Booth)	~400
1/31/2009	Northern Michigan Small Farms Conference, Grayling MI (SARE Booth)	~700
2/18/2009	Finding Local Food Funding, Kalkaska MI	70
2/27/2009	Southwest Region County Extension Directors Meeting, Marshall MI	20
3/3/2009	Agriculture for Tomorrow Conference, Escanaba, MI (SARE Booth)	~300
3/25/2009	SARE Grant Writing Workshop, Traverse City MI	120
7/8/2009	Organic Bus Tour, Thumb Area of MI	78
8/12/2009	Michigan State Outreach Meeting, Covert MI	~50
10/3/2009	Bardenhagen Farmer Rancher Grant Field Day, Suttons Bay MI	5
11/6/2009	Rasch Farmer Rancher Grant Field Day, Conklin MI	35
11/12/2009	Mid-Michigan Grazing Group Meeting, Mason MI	30
	Total	~1858
	Telephone and email communication with farmers providing information and assistance for Farmer Rancher Grant Proposals	6 Farmers
	Assistance to R&E, PDP and Graduate Student Grant proposals	6 Submitters

II. Sustainable Agriculture Content Area
 Initiative Name : Local Food Supply Chain

Check only one category which best represents this project./initiative

- | | |
|--|--|
| <input type="checkbox"/> Integrated Farm/Ranch System | <input type="checkbox"/> Community Development |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Quality of Life |
| <input type="checkbox"/> Crop Production | <input type="checkbox"/> Bioenergy |
| <input type="checkbox"/> Animal Production (including aquaculture, bees) | <input checked="" type="checkbox"/> Local Food Systems |
| <input type="checkbox"/> Pest Management | <input type="checkbox"/> Urban Agriculture |
| <input type="checkbox"/> Natural Resources/Environment | <input type="checkbox"/> Educational Approaches |
| <input type="checkbox"/> Economic/Marketing | |

III. Program Partners

Partners in Program Development (Choose one or more)

List organizations and organization type:

- | | |
|----------------------|---|
| Partner | Organization type |
| <u>MSU Extension</u> | <input checked="" type="checkbox"/> CES <input checked="" type="checkbox"/> Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |

Partners in Program Implementation (Enter number involved in the this Initiative)

Initiative	Coop. Ext.	Other Univ.	NRCS	State/Federal Tribal Agency	Non-profit/ NGO	Farmer/Rancher Group	For Profit /Other	Total
Presented at workshop/conference	4	4						8
Hosted field day/tour								
Promoted field day/tour								
Hosted half-day workshop								
Integrated into ongoing program hosted by organization								
Sponsored workshop/presentation	4							4
Promoted in newsletter/websites								
Other								
Total	8	4						12

IV. Key Activities/Approach

1. WORKSHOPS

Activity	Number of sessions	Location(s)	Date(s)	Attendance/Number (fill in # participating in appropriate boxes)	Outcome/Number (fill in # participating, in appropriate boxes)
Multi-day (> 1 day) Artisan Cheese Workshop (3 day)	1	Michigan State University, East Lansing, MI	Aug. 4-6 2009	<input checked="" type="checkbox"/> 2 Coop. Extension <input checked="" type="checkbox"/> 1 Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input checked="" type="checkbox"/> 39 Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other
Intermediate (3-8 hrs) Sustainable Hops Production Workshop	1	Northwestern University Hagerty Center, Traverse City, MI	Dec. 17 2008	<input checked="" type="checkbox"/> 17 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input checked="" type="checkbox"/> 4 Non-Profit/NGO <input checked="" type="checkbox"/> 70 Farmer/Rancher <input checked="" type="checkbox"/> 60 Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other
Intermediate (3-8 hrs) Agripreneur 201 – Strategies for Small Farms	3	Indian River, MI	Feb. and March 2009	<input checked="" type="checkbox"/> 2 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input checked="" type="checkbox"/> 7 Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other
Short (1.5-3 hrs) Promoting Healthy Lifestyles – Food and Food Safety	1	Michigan State University, East Lansing, MI	Oct 14, 2009	<input checked="" type="checkbox"/> 50 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other

5. Mini-grants

Educator Name	Affiliation	Funds Awarded	Activity	Attendance/Number	Outcomes
Bill Robb Artisan Cheese Workshop	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$1,500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/> 2 Coop. Extension <input type="checkbox"/> 1 Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input checked="" type="checkbox"/> 39 Farmer/Rancher <input type="checkbox"/> Other	<input checked="" type="checkbox"/> answered client questions <input checked="" type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Rob Serrine Sustainable Hops Production Workshop	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$1,500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/> 17 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input checked="" type="checkbox"/> 4 Non-Profit/NGO <input checked="" type="checkbox"/> 70 Farmer/Rancher <input checked="" type="checkbox"/> 60 Other	<input checked="" type="checkbox"/> answered client questions <input checked="" type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
BJ Bartlett Agripreneur 201 – Strategies for Small Farms	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/> 2 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input checked="" type="checkbox"/> 7 Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Paul Gross Promoting Healthy Lifestyles – Food and Food Safety	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/> 50 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other

6. Travel Scholarship(s)

Educator Name	Affiliation	Activity	Funds Awarded	Outcome
Michael Erdman Attend Artisan Cheese Workshop	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input checked="" type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Michael Erdman Attend Artisan Cheese Workshop	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input checked="" type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$50	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Speaker Travel Sustainable Hops Production II Workshop	<input type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input checked="" type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input checked="" type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other

V OUTPUTS

8. What main written or electronic products were produced from this SARE initiative so far (Including workshop materials, curriculums, video/audio, fact sheets, etc.)?

Please list products by title or contents/subject.

No written or electronic products were produced, skip to **section VI**

Product #1: Artisan Cheese Workshop Materials

Product #2: Sustainable Hops Production Workshop Materials

Product #3: Agripreneur 201 – Strategies for Small Farms Workshop Materials

9. Which of the following categories best describes each of the products listed in Question 7 above?

Category	Product #1	Product #2	Product #3
Workshop materials	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Workshop manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional dev. curr.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video/Audio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fact sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newsletter article	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Display or poster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extension publication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Book	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journal articles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill in blank:			

OUTCOMES VI

Were there any unanticipated outcomes that resulted from this SARE funded project so far? List them.

Agripreneur 201 – Strategies for Small Farms

This program was not as much of a success likely due to limited promotion. Although individual mailing lists were used, as well as local newspaper and broadcast email medias, there was a lack of interest from the targeted crowd.

Narrative Box for each Initiative

\$5,040 of MI SARE PDP funds supported the Local Food Supply Chain initiative with an additional \$1,600 in matching funds from other sources.

Mini-grants

Artisan Cheese Workshop: The goal was to have MSU staff better understand the art and business of making artisan cheese so we can be a more complete resource to dairy farms considering entering the cheese business. Our long term goal is to improve their cheese making expertise and expand their cheese production and marketing's of existing businesses. I learned the value added nature of whole raw milk cheeses and how these can meet state and federal guidelines. "None of the class participants had made cheese as a business and 10 reported their only prior cheese making experience in kitchen as a hobby cheese maker. Five are planning to make and sell cheese, and even though many of the plans are in infant stages may represent over 45,000 pounds of cheese annually. This may represent over \$81,000 of new income."

Sustainable Hops Production Workshop: Repeated inquiries from Northern Michigan farmers suggest that there is an increasing interest in hop production. Currently, there is extremely high market demand by brewers and consumers for hops, most likely due to an unforeseen hop shortage. Hops may provide Northern Michigan growers with a profitable value-added commodity that can be marketed to local breweries and consumers. The workshop is intended as an educational workshop for educators, but growers and brewers will also be invited to attend. "In addition to farmers at the workshop, the next largest number of participants was brewers. We received partial funding to move ahead with a hops variety trial and are partnering with Washington State, Colorado State and University of Vermont on a USDA on-farm Hops Variety Trial grant. The interest is extraordinary." A follow-up workshop, Sustainable Hops Production II for which MI SARE PDP provided a speaker travel scholarship.

Agripreneur 201 – Strategies for Small Farms: This is a three part series of educational sessions hosted by a MSUE and/or NLEA representative to act as a facilitator, however, the focus will be on having producers share their experiences. Professional educators often have some hands-on experience, however, rarely have the time to face the day-to-day farming operation challenges of a producer. "The sessions focused on "real-life" experience of producers in a peer-to-peer format which was well received. More attendance was the major emphasis that was not accomplished."

Promoting Healthy Lifestyles – Food and Food Safety: The mini grant was used to support an off-site workshop at the Michigan State University Extension Annual Professional Development Conference. The workshop participants included approximately 50 MSU Extension Educators from across the state of Michigan. The Extension Educators have good technical knowledge of growing fruits and vegetables but lack some of the skills needed working with urban food programs and community gardens. Also, many Educators have limited experience in marketing at farmers markets and the food safety issues surrounding selling food to the general public.

Travel Scholarships

Artisan Cheese Workshop: Attending the Artisan Cheese Workshop allowed Interaction with producers that want to make their living from cheese making and learning what is important to them as they look to the future of their business.

Sustainable Hops Production II Speaker Travel: "The most meaningful part of the workshop was flying in the experts from Oregon and Wisconsin who were able to provide attendees with in-depth knowledge about all aspects of hop production. As an agriculture educator it was useful for me as well in that I now consider myself more knowledgeable in all aspects of hop production. Thanks to SARE for helping bring three experts!"

II. SUSTAINABLE AGRICULTURE CONTENT AREA

Initiative Name : Sustainable Animal Production

Check only one category which best represents this project./initiative

- | | |
|---|---|
| <input type="checkbox"/> Integrated Farm/Ranch System | <input type="checkbox"/> Community Development |
| <input checked="" type="checkbox"/> <u>Other Manure and Nutrient Management</u> | <input type="checkbox"/> Quality of Life |
| <input type="checkbox"/> Crop Production | <input type="checkbox"/> Bioenergy |
| <input checked="" type="checkbox"/> Animal Production (including aquaculture, bees) | <input type="checkbox"/> Local Food Systems |
| <input type="checkbox"/> Pest Management | <input type="checkbox"/> Urban Agriculture |
| <input type="checkbox"/> Natural Resources/Environment | <input type="checkbox"/> Educational Approaches |
| <input type="checkbox"/> Economic/Marketing | |

III. PROGRAM PARTNERS

Partners in Program Development (Choose one or more)

List organizations and organization type:

Partner Animal Ag in the Environment Team Organization type CES Univ. NRCS State/Fed NGO Farm For Profit/Other

_____ CES Univ. NRCS State/Fed NGO Farm For Profit/Other

_____ CES Univ. NRCS State/Fed NGO Farm For Profit/Other

Partners in Program Implementation (Enter number involved in the this Initiative)

Initiative	Coop. Ext.	Other Univ.	NRCS	State/Federal Tribal Agency	Non-profit/ NGO	Farmer/Rancher Group	For Profit /Other	Total
Presented at workshop/conference								
Hosted field day/tour								
Promoted field day/tour	1	1		5		12	1	20
Hosted half-day workshop								
Integrated into ongoing program hosted by organization								
Sponsored workshop/presentation								
Promoted in newsletter/websites								
Other								
Total	1	1		5		12	1	20

IV. KEY ACTIVITIES/APPROACH

2. FIELD DAY/TOURS (focused session(s) on sustainable agriculture topic not held in classroom setting)

Activity	Number of sessions	Location(s)	Date(s)	Attendance/Number (fill in # participating in appropriate boxes)	Attendance/Number (fill in # participating in appropriate boxes)
Multi-day (> 1 day) Animal Agriculture and the Environment: Learning from Across the Pond (7 day tour)	1	Netherlands, Denmark and Germany	Nov. 8 – 14, 2009	<input type="checkbox"/> 8 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other

5. MINI-GRANTS

Educator Name	Affiliation	Funds Awarded	Activity	Attendance/Number	Outcomes
Natalie Rector Animal Agriculture and the Environment: Learning from Across the Pond (7 day tour)	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$3,500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input type="checkbox"/> Workshop <input checked="" type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/> 8 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input checked="" type="checkbox"/> answered client questions <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input checked="" type="checkbox"/> other: Increased knowledge of international animal production issues and solution
John Pullis Manure Technology (Attend and extend information from above tour)	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$1,500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input type="checkbox"/> Workshop <input checked="" type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/> 1 Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input checked="" type="checkbox"/> answered client questions <input checked="" type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other:

V OUTPUTS

8. What main written or electronic products were produced from this SARE initiative so far (Including workshop materials, curriculums, video/audio, fact sheets, etc.)?

Please list products by title or contents/subject.

No written or electronic products were produced, skip to **section VI**

Product #1: _____

Product #2: _____

Product #3: _____

9. Which of the following categories best describes each of the products listed in Question 7 above?

Category	Product #1	Product #2	Product #3
Workshop materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workshop manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional dev. curr.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video/Audio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fact sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newsletter article	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Display or poster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extension publication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Book	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journal articles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill in blank:			

OUTCOMES VI

Were there any unanticipated outcomes that resulted from this SARE funded project so far? List them.

There were no unanticipated outcomes.

Narrative Box for each Initiative

\$5,000 of MI SARE PDP funds supported the Sustainable Animal Production initiative with an additional \$9,000 in matching funds from other sources.

Mini-grants

Animal Agriculture and the Environment: Learning from Across the Pond Tour: The MI SARE PDP and matching funds were combined to tour and learn from European animal production specialist at Wageningen-University in Sterksel, Provimi's Research Farm, Praktijk School Horst-America, UniqFill Air Production Facility in Eersel. Livestock farms in the Netherlands and Europe have implemented practices that are currently being proposed in the United States. Trip participants visited manure processing plants, bio-energy systems and livestock farms on small land bases for manure utilization. Livestock farms in the Netherlands uniquely coexist within the community. Participants learned more about the regulations and social norms that facilitate this coexistence. European and Dutch livestock farmers must meet public-initiated animal-care guidelines. Participants learned more about the management practices livestock farmers are using to meet the care guidelines and how those care guidelines have impacted production and profitability of the farm.

Manure Technology: Increase overall knowledge of practices and technologies being used to effectively utilize manure resources, while meeting more stringent environmental standards. Because Europe, and in particular The Netherlands, have much more stringent manure requirements than the United States, it will be highly-valuable to travel to The Netherlands and learn about the new technologies that are used by livestock farmers there to meet these stringent requirements, while still remaining profitable and sustainable. "I learned a great deal about technology created by research labs and universities that assist livestock farmers with monitoring and meeting their air quality standards." I am in the process of developing educational programming on manure management issues and practices for the upcoming winter. This professional development opportunity greatly increased the value and breadth of this educational programming.

MI SARE PDP has requested continued funds for this initiative in 2010 for participants in the tour to develop and implement workshops to extend the knowledge gain from the 2009 tour to other educators in Michigan.

Travel Scholarships

No travel scholarships were awarded directly as part of this initiative, however the Mini-grant funded provided a portion of travel expenses for all the participants.

II. SUSTAINABLE AGRICULTURE CONTENT AREA

Initiative Name : Transition of Farms to Organic/Sustainable Production

Check only one category which best represents this project./initiative

- | | |
|--|---|
| <input type="checkbox"/> Integrated Farm/Ranch System | <input type="checkbox"/> Community Development |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Quality of Life |
| <input checked="" type="checkbox"/> Crop Production | <input type="checkbox"/> Bioenergy |
| <input type="checkbox"/> Animal Production (including aquaculture, bees) | <input type="checkbox"/> Local Food Systems |
| <input type="checkbox"/> Pest Management | <input type="checkbox"/> Urban Agriculture |
| <input type="checkbox"/> Natural Resources/Environment | <input type="checkbox"/> Educational Approaches |
| <input checked="" type="checkbox"/> Economic/Marketing | |

III. PROGRAM PARTNERS

Partners in Program Development (Choose one or more)

List organizations and organization type:

- | | |
|---------------|--|
| Partner _____ | Organization type
<input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |

Partners in Program Implementation (Enter number involved in the this Initiative)

Initiative	Coop. Ext.	Other Univ.	NRCS	State/Federal Tribal Agency	Non-profit/ NGO	Farmer/Rancher Group	For Profit /Other	Total
Presented at workshop/conference								
Hosted field day/tour								
Promoted field day/tour								
Hosted half-day workshop								
Integrated into ongoing program hosted by organization								
Sponsored workshop/presentation								
Promoted in newsletter/websites								
Other								
Total								

IV. KEY ACTIVITIES/APPROACH

2. FIELD DAY/TOURS (focused session(s) on sustainable agriculture topic not held in classroom setting)

Activity	Number of sessions	Location(s)	Date(s)	Attendance/Number (fill in # participating in appropriate boxes)	Attendance/Number (fill in # participating in appropriate boxes)
Intermediate (3-8 hrs) Organic Farm Bus Tour	1	Thumb Area of Michigan	July 8, 2009	<input type="checkbox"/> 21 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal agency <input checked="" type="checkbox"/> 2 Non-Profit/NGO <input checked="" type="checkbox"/> 45 Farmer/Rancher <input checked="" type="checkbox"/> 10 Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other

6. TRAVEL SCHOLARSHIP(S)

Educator Name	Affiliation	Activity	Funds Awarded	Outcome
BJ Bartlett Attend 2009 MOSES Conference	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input checked="" type="checkbox"/> other: Use "administrative" type of knowledge to apply to the Northern Michigan Small Farm Conference.
Sieglinde Snapp Attend 2009 MOSES Conference	<input type="checkbox"/> Coop. Extension <input checked="" type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Stephen Fouch Saskatoon Fruit Industry Tour	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input checked="" type="checkbox"/> Tour/Field Day <input type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other

<p>Thomas Dudek</p> <p>Attend the Growers Talk Sustainability Conference</p>	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	<p>\$500</p>	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
<p>Jeanne Himmelein</p> <p>Attend the Growers Talk Sustainability Conference</p>	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	<p>\$500</p>	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
<p>Diane Brown</p> <p>Attend the Great lakes Fruit Growers Conference</p>	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	<p>\$500</p>	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
<p>Emily Sneller</p> <p>Attend the North Central Extension – Industry Soil Fertility Conference</p>	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	<p>\$500</p>	<input checked="" type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other

V OUTPUTS

8. What main written or electronic products were produced from this SARE initiative so far (Including workshop materials, curriculums, video/audio, fact sheets, etc.)?

Please list products by title or contents/subject.

No written or electronic products were produced, skip to **section VI**

Product #1: _____

Product #2: _____

Product #3: _____

9. Which of the following categories best describes each of the products listed in Question 7 above?

Category	Product #1	Product #2	Product #3
Workshop materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workshop manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional dev. curr.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video/Audio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fact sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newsletter article	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Display or poster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extension publication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Book	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journal articles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill in blank:			

OUTCOMES VI

Were there any unanticipated outcomes that resulted from this SARE funded project so far? List them.

There were no unanticipated outcomes.

Narrative Box for each Initiative

\$4,500 of MI SARE PDP funds supported the Transition of Farms to Organic/Sustainable Production initiative with an additional \$2,800 in matching funds from other sources.

Mini-grants

Organic Farm Tour: The organic farm tour provided an opportunity for Extension educators, ag consultants, non-profit/NGO personnel and farmers to visit and learn from large organic producers in the Thumb Area of Michigan. Five farms were visited as follows:

East River Organic Farm, Snover MI: A diverse certified organic vegetable, grass-fed beef and free-range chicken/egg operation with an active 25 member CSA.

Thistledown Farms, Snover MI: A 2,000 acre certified organic cash crop operation. They also provide processing, marketing, agronomic and seed services.

Zimba Family Farms, Deford MI: A 300 head organic dairy operation supplying Horizon Organic products.

Findlay Family Farms, Caro MI: A 2000 acre organic farm growing blue corn, soybeans and black-beans.

Vollmar Family Farms, Inc., Caro MI: A 1,500 acre organic farm with a diverse selection of food, feed and seed.

Products include blue and yellow corn, black turtle beans, soybeans, soft wheat, oats, barley and spelt.

This tour not only increased participant knowledge of organic standards and practices, but reinforce the concept that certified organic production is being done at a large scale in Michigan.

Travel Scholarships

2009 MOSES Conference: The quality of the keynote presenters was tremendous and their use of research based support for their passion of organic food production was helpful. There was a wide range of topics covered and I not only increased my knowledge on organic farming in general, but learned much about ways to deliver this type of programming here in Michigan.

Growers Talk Sustainability Conference: The participant's knowledge was diverse. I enjoyed learning about how progressive some of the Michigan Greenhouses Operations are compared to other locations in the United States. I also enjoyed all the topics on "living soil and Biological control". The opportunity to hear from a wide cross section of university, industry and growers on the concept of sustainable greenhouse production. No one still has the sole answer to what it means and how it can be marketed to the consumer. The fact that there are no standards that are agreed upon is significant. The ability to leverage SARE funds with other monies from MSU was key in my ability to attend this program.

Great lakes Fruit Growers Conference: It was very useful to have the opportunity to learn about new planting and training systems for apples and to learn from more experienced people about various aspects of fruit growing and IPM. This conference provided ample opportunities for networking, and learning about current research and issues- the conference was well organized and presentations were valuable.

North Central Extension – Industry Soil Fertility Conference: With continued to make contacts and increase my knowledge in current soil fertility topics, both of which I plan to use in educational programming focused on sustainable fertilizer usage and application. Some topics addressed at the conference include: Use of nitrogen management products and practices to enhance yield and nitrogen uptake in no-till corn, Impact of phosphorus and potassium fertilization on corn and soybean productivity and soil nutrient levels, Impact of slow and controlled release nitrogen and nitrate leaching from irrigated corn, and long term phosphorus studies and how they effect recommendation philosophies. These topics, like many others at the conference, address the need to better understand crop nutrient need and further refine our fertilization practices in order to reduce nutrient loss from fields to our native surface and ground water bodies. This understanding and refining is essential for sustainable agriculture production in Michigan.

II. SUSTAINABLE AGRICULTURE CONTENT AREA

Initiative Name : Cover Crops

Check only one category which best represents this project./initiative

- | | |
|--|---|
| <input type="checkbox"/> Integrated Farm/Ranch System | <input type="checkbox"/> Community Development |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Quality of Life |
| <input checked="" type="checkbox"/> Crop Production | <input type="checkbox"/> Bioenergy |
| <input type="checkbox"/> Animal Production (including aquaculture, bees) | <input type="checkbox"/> Local Food Systems |
| <input checked="" type="checkbox"/> Pest Management | <input type="checkbox"/> Urban Agriculture |
| <input checked="" type="checkbox"/> Natural Resources/Environment | <input type="checkbox"/> Educational Approaches |
| <input type="checkbox"/> Economic/Marketing | |

III. PROGRAM PARTNERS

Partners in Program Development (Choose one or more)

List organizations and organization type:

- | | |
|---------------|--|
| Partner _____ | Organization type
<input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |

Partners in Program Implementation (Enter number involved in the this Initiative)

Initiative	Coop. Ext.	Other Univ.	NRCS	State/Federal Tribal Agency	Non-profit/ NGO	Farmer/Rancher Group	For Profit /Other	Total
Presented at workshop/conference								
Hosted field day/tour								
Promoted field day/tour								
Hosted half-day workshop								
Integrated into ongoing program hosted by organization								
Sponsored workshop/presentation								
Promoted in newsletter/websites								
Other								
Total								

IV. KEY ACTIVITIES/APPROACH

1. WORKSHOPS

Activity	Number of sessions	Location(s)	Date(s)	Attendance/Number (fill in # participating in appropriate boxes)	Attendance/Number (fill in # participating in appropriate boxes)
Intermediate (3-8 hrs) Predicting and Managing Soil Organic Matter Today and Tomorrow	1	MSU W.K. Kellogg Biological Station, Hickory Corners, MI	July 17, 2009	<input type="checkbox"/> 8 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> 2 NRCS <input type="checkbox"/> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> 6 Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other

5. MINI-GRANTS

Educator Name	Affiliation	Funds Awarded	Activity	Attendance/Number	Outcomes
Julie Doll Predicting and Managing Soil Organic Matter Today and Tomorrow	<input checked="" type="checkbox"/> Coop. Extension <input checked="" type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$1,000	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/> 8 Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> 2 NRCS <input type="checkbox"/> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> 6 Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input checked="" type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other:

6. Travel Scholarship(s)

Educator Name	Affiliation	Activity	Funds Awarded	Outcome
Vicki Morrone, Dave Campbell and Laura Probyn Attend the 2009 Midwest Cover Crops Council Workshop/ Meeting	<input checked="" type="checkbox"/> Coop. Extension <input checked="" type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input checked="" type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$1,150	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other

V OUTPUTS

8. What main written or electronic products were produced from this SARE initiative so far (Including workshop materials, curriculums, video/audio, fact sheets, etc.)?

Please list products by title or contents/subject.

No written or electronic products were produced, skip to **section VI**

Product #1: _____

Product #2: _____

Product #3: _____

9. Which of the following categories best describes each of the products listed in Question 7 above?

Category	Product #1	Product #2	Product #3
Workshop materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workshop manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional dev. curr.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video/Audio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fact sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newsletter article	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Display or poster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extension publication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Book	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journal articles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill in blank:			

OUTCOMES VI

Were there any unanticipated outcomes that resulted from this SARE funded project so far? List them.

The Cover Crops initiative spending was at a lower level than anticipated. Limited promotion of mini-grant and travel scholarships for cover crop sustainability may be responsible for the lack of response.

Narrative Box for each Initiative

\$2,150 of MI SARE PDP funds supported the Cover Crops initiative with an additional \$1,000 in matching funds from other sources.

Mini-grants

Predicting and Managing Soil Organic Matter Today and Tomorrow: From the post-event survey we conducted, the participants were satisfied with the survey and felt that they had improved their knowledge of soil quality and the availability of soil quality extension and educational resources. From the breakout sessions, groups identified next steps with the input from the expert farmers we had invited to attend. Post-event survey responses indicated that participants most valued the opportunity for "face-to-face discussions," "belonging to the MSU network," "making Extension Educators think on the farmers real level," "diverse opinions," and the "roundtable discussions and the reasonable focus on practicality." When asked "If you were to incorporate some of what was presented today into your programming how many farmers do you think you could reach?" participants responded 490 farmers which would potentially affect 152,000 acres.

Travel Scholarships

2009 Midwest Cover Crops Council Workshop/Meeting: The 2009 Midwest Cover Crops Council Workshop/Meeting was held in Windsor, Ontario. Participants attended from 12 Midwestern States and Ontario. Over 70 participants attended including educators, researchers, agency personnel and farmers. Individuals attending had the opportunity to hear researcher and farmer presentations and panel discussions. Activities included a poster session and strategic planning sessions.

II. SUSTAINABLE AGRICULTURE CONTENT AREA

Initiative Name : Additional Sustainable Agriculture Support

Check only one category which best represents this project./initiative

- | | |
|--|---|
| <input type="checkbox"/> Integrated Farm/Ranch System | <input type="checkbox"/> Community Development |
| <input checked="" type="checkbox"/> Other <u>Development in a variety of sustainable ag categories</u> | |
| <input type="checkbox"/> Crop Production | <input type="checkbox"/> Quality of Life |
| <input type="checkbox"/> Animal Production (including aquaculture, bees) | <input type="checkbox"/> Bioenergy |
| <input type="checkbox"/> Pest Management | <input type="checkbox"/> Local Food Systems |
| <input type="checkbox"/> Natural Resources/Environment | <input type="checkbox"/> Urban Agriculture |
| <input type="checkbox"/> Economic/Marketing | <input type="checkbox"/> Educational Approaches |

III. PROGRAM PARTNERS

Partners in Program Development (Choose one or more)

List organizations and organization type:

- | | |
|---------------|---|
| Partner _____ | Organization type |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |
| _____ | <input type="checkbox"/> CES <input type="checkbox"/> Univ. <input type="checkbox"/> NRCS State/Fed <input type="checkbox"/> NGO <input type="checkbox"/> Farm <input type="checkbox"/> For Profit/Other |

Partners in Program Implementation (Enter number involved in the this Initiative)

Initiative	Coop. Ext.	Other Univ.	NRCS	State/Federal Tribal Agency	Non-profit/ NGO	Farmer/Rancher Group	For Profit /Other	Total
Presented at workshop/conference								
Hosted field day/tour								
Promoted field day/tour								
Hosted half-day workshop								
Integrated into ongoing program hosted by organization								
Sponsored workshop/presentation								
Promoted in newsletter/websites								
Other								
Total								

IV. KEY ACTIVITIES/APPROACH

1. WORKSHOPS

Activity	Number of sessions	Location(s)	Date(s)	Attendance/Number (fill in # participating in appropriate boxes)	Attendance/Number (fill in # participating in appropriate boxes)
Multi-day (> 1 day) Michigan Agri-Energy Conference (2 day)	1	Kalamazoo, MI	March 30 -31, 2009	<input type="checkbox"/> Coop. Extension <input type="checkbox"/> <u>2</u> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> <u>23</u> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> <u>2</u> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input type="checkbox"/> developed new contacts and partners <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletters or other media outlets <input type="checkbox"/> other

5. MINI-GRANTS

Educator Name	Affiliation	Funds Awarded	Activity	Attendance/Number	Outcomes
Mark Seamon Michigan Agri-Energy Conference	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$1,500	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/> Coop. Extension <input type="checkbox"/> <u>2</u> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> <u>23</u> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> <u>2</u> Other	<input type="checkbox"/> answered client questions <input checked="" type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input checked="" type="checkbox"/> used in newsletter/media <input type="checkbox"/> other:
Eduardo Guizar Latino Farmer Identification and Education Project	<input type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ. <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other, Please Specify: _____	\$1,500 Funds suspended pending matching funds	<input type="checkbox"/> Demonstration <input type="checkbox"/> Networking <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Tour <input type="checkbox"/> Web training <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Federal/Tribal agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> answered client questions <input type="checkbox"/> developed new contacts, partners <input type="checkbox"/> applied research <input type="checkbox"/> developed curriculum <input type="checkbox"/> incorporated into programming <input type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other:

6. Travel Scholarship(s)

Educator Name	Affiliation	Activity	Funds Awarded	Outcome
Charles Gould Attend the Fuel, Food and Fiber Network Meeting	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$200	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Adam Kantrovich Attend the Fuel, Food and Fiber Network Meeting	<input checked="" type="checkbox"/> Coop. Extension <input type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$300	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Julie Doll Attend ESA Annual Conference	<input checked="" type="checkbox"/> Coop. Extension <input checked="" type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input type="checkbox"/> other
Eduardo Guizar Attend Migrant Resource Council Meeting	<input type="checkbox"/> Coop. Extension <input checked="" type="checkbox"/> Other Univ <input type="checkbox"/> NRCS <input type="checkbox"/> State/Fed./Tribal Agency <input type="checkbox"/> Non-Profit/NGO <input type="checkbox"/> Farmer/Rancher <input type="checkbox"/> Other	<input type="checkbox"/> Short Workshop (1.5-3 hr.) <input type="checkbox"/> Intermediate Training (3-8 hr.) <input type="checkbox"/> Advanced training (multi-day) <input type="checkbox"/> Tour/Field Day <input checked="" type="checkbox"/> Conference <input type="checkbox"/> Other, Please Specify	\$500	<input type="checkbox"/> answered client questions <input type="checkbox"/> Individual consultation <input checked="" type="checkbox"/> developed new contacts, partners <input checked="" type="checkbox"/> incorporated into programming <input checked="" type="checkbox"/> delivered new programming <input type="checkbox"/> used in newsletter/media <input checked="" type="checkbox"/> other: Solicit support for Latino farmer projects

V OUTPUTS

8. What main written or electronic products were produced from this SARE initiative so far (Including workshop materials, curriculums, video/audio, fact sheets, etc.)?

Please list products by title or contents/subject.

No written or electronic products were produced, skip to **section VI**

Product #1: _____

Product #2: _____

Product #3: _____

9. Which of the following categories best describes each of the products listed in Question 7 above?

Category	Product #1	Product #2	Product #3
Workshop materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workshop manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional dev. curr.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Video/Audio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fact sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newsletter article	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Display or poster	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extension publication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Book	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journal articles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fill in blank:			

OUTCOMES VI

Were there any unanticipated outcomes that resulted from this SARE funded project so far? List them.

Latino Farmer Identification and Education Project: This project has a lot of potential for agricultural educators, agency personnel and groups who assist the under-served Latino population. We did not anticipate the project leaders not being awarded matching funds and have suspended this mini-grant until matching funds can be obtained.

Narrative Box for each Initiative

\$4,500 of MI SARE PDP funds supported the Cover Crops initiative with an additional \$9,000 in matching funds from other sources.

Mini-grants

Predicting and Managing Soil Organic Matter Today and Tomorrow: The Michigan Agri-Energy Conference provided a comprehensive approach to sustainable energy production. Break-out sessions were held on the following topics: Biomass logistics, anaerobic digestion, large wind, solar/geothermal, sustainable biomass production, conversion technology, small wind, forest product resources, policy and programs, cutting edge technology, energy conservation and land use. This conference had a poster session for participants to learn about current research projects from various universities across Michigan. A trade show with vendors connected participants with businesses and companies that can provide equipment, technology and assistance in renewable energy production. Another important aspect of this conference was bringing a number of groups together including MSU Extension, Michigan Agricultural Experiment Station, Michigan Department of Environmental Quality, Michigan Department of Labor and Economic Growth, Michigan Department of Agriculture, Michigan Farm Bureau, Michigan Public Service Commission, Natural Resources Conservation Service, Michigan Integrated Food and Farming Systems, USDA Rural Development, Michigan Electric Cooperative and several others. This diverse group came to the table to discuss issues, concerns and the advancement of energy production that does not degrade the environment or the farm production system.

Latino Farmer Identification and Education Project: Latino farmers are an isolated group with their own language and culture. They tend to be leery of governmental entities and consequently are under served by agencies that exist to support agriculture in general. This is unfortunate as Latinos are the fastest growing segment of Michigan's agriculture population while the remainder of Michigan's agriculture population dwindles. The goal of this grant would be to work with local University, agency and church resources to identify and bring together Michigan Latino farmers and related agency representatives so we can learn about the cultural barriers that prevent the workers from accessing government benefits. Our initial efforts will center on MSU and USDA explanation and enrollment of participants in FSA loan programs, especially the Social Disadvantaged Farmer and Rancher loans. Due to the lack of matching funds for this project, this mini-grant has been suspended until matching funds can be obtained.

Travel Scholarships

Fuel, Food and Fiber Network Meeting: With the onset of bioenergy, production of food, fuel and fiber crops using sustainable practices will become more challenging. As professionals in the agricultural industry, Extension educators can play a significant role in educating farmers about new sustainable practices. Creating a network in the North central region will provide educators with greater access to resources and expertise as well as provide opportunities for collaborating on research and education programs. "Working with individuals from outside the state. This gave us an opportunity to what has already been created preventing us from wasting time "re-inventing the wheel"."

ESA Annual Meeting: It was great and helpful to both present and see presented agricultural research being presented at an ecological meeting. I was also able to attend a workshop on presenting science to policymakers which has been helpful to me as I write fact sheets and converse with legislative aides about agroecological research. A very informative session I attended was "Agroecology for a Sustainable Future: Cross-Disciplinary Research at Multiple Scales."

Migrant Resource Council Meeting: The Migrant Resource Council members have in-depth experience with the migrant and Latino farm population. They will provide advice, help pursue funding and help elicit attendance in conducting a Latino Beginning Farm program that we have initiated. There is much interest for an effort to identify Latino farmers and help them become part of the agriculture community. The Northwest Migrant Resource Council (of migrant and Latino assistance agencies) has expressed interest in helping us with this project.