Final Report for the
Specialty Crop Block Grant
with the MDA 2009-2010

Food Safety Education for
Michigan’s Specialty Crop Producers

Michigan Food & Farming Systems-MIFFS
172 Natural Resources Bldg
East Lansing, MI 48824
517-432-0712

Grant Number: 791N0200076
Grant Begin Date – 10/01/2009
Interim Report – 3/30/2010
Grant End Date – 12/31/2010
Summary and status of the goals and objectives of the project

The objectives of the project are to:

1. Enhance the competitiveness of specialty crop producers by providing important and timely food safety education.
2. Assist farmers in expanding into new and existing specialty crop markets by providing them with information on the latest food safety research and trends so that they can make appropriate adjustments to their operation.
3. Provide introductory and advanced information and resources to specialty crop producers to support them in completing and implementing a Good Agricultural Practices and/or Good Handling Practices plan.

Expected Outcomes:

This project will have several outcomes.

1. Approximately 350 specialty crop producers will receive introductory or advanced training on farm food safety planning, Good Agricultural Practices, Good Handling Practices, and farm auditing. This training will enable them to more cost effectively develop food safety plans to meet audit requirements.
2. The work initiated with MDA and others in 2008 to bring information and training to specialty crop producers about food safety and auditing requirements will be leveraged and strengthened.
3. Over 5000 specialty crop producers will have easy access to training materials on two websites for reference or to develop and/or refine their food safety plans.
4. Advanced food safety training materials will be developed and refined for future training sessions in 2011 and 2012 based on evaluation and feedback from farmers and farm audits.
5. Partnership across commodity groups, state agencies, MSU experts and farmers will be strengthened.
6. The long term viability of the specialty crop producers in Michigan will be enhanced to maintain and grow the $1.3 billion generated annually.

Since the start of the grant agreement, MIFFS along with the help of its partners, have conducted the following workshops:
December 10, 2009 at the Great Lakes Fruit, Vegetable, and Farm Market Expo in Grand Rapids, MI.

**Session Title:** Tricks of the Trade for Farmers Markets: Sharing What Works (Introductory Session)

**Presenters:** Dru Montri, Michigan Farmers Market Association, Manager

**Attendees:** 70

January 16, 2010 at the Michigan Family Farms Conference in Battle Creek, MI.

**Session Title:** Putting Together a Food Safety Plan for Your Farm (Introductory Session)

**Presenters:** Phil Tocco, Michigan State University Extension

**Attendees:** 60

January 30, 2010 at the Northern Michigan Small Farms Conference in Grayling, MI.

**Session Title:** Legislation, Laws, Regulations and What They May Mean to Your Farm - GAP Part 1 (Introductory Session)

**Presenters:** Elaine Brown, Michigan Food and Farming Systems and Coleen Bess, Michigan Department of Agriculture

**Attendees:** 37

February 2, 2010 at The Starting Block in Hart, MI.

**Session Title:** Advancing Good Agricultural & Good Handling Practices for Produce

**Presenters:** Phil Tocco, Michigan State University Extension; Coleen Bess, Michigan Department of Agriculture; Juan Muinez, Primus Labs; Denis Jennish, Sysco-Grand Rapids; Steve Wright, Spartan Stores; Todd and Sara Greiner, Todd Greiner Farms.

**Attendees:** 50

February 9, 2010 at the Southwest Michigan Research and Education Center in Benton Harbor, MI.

**Session Title:** Advancing Good Agricultural & Good Handling Practices for Produce

**Presenters:** Phil Tocco, Michigan State University Extension; Coleen Bess, Michigan Department of Agriculture; Juan Muinez, Primus Labs; Jason Byrd, LH Piggott & Girls Farm, and Rodney Winkel, Winkel Farms.

**Attendees:** 71

February 16, 2010 at the Detroit Eastern Market in Detroit, MI.

**Session Title:** Advancing Good Agricultural & Good Handling Practices for Produce

**Presenters:** Phil Tocco, Michigan State University Extension; Coleen Bess, Michigan Department of Agriculture; Beth VanDyk, VanDyk
Farms; Diane DuRussel, DuRussel Potato Farms; and Denise Worton, Michigan Department of Corrections.

**Attendees:** 51

*December 7, 2010 at the Great Lakes Fruit, Vegetable, and Farm Market Expo in Grand Rapids, MI*

**Session Title:** Grower Experiences and Lessons Learned with Farm Food Safety Plans and GAP audits.

**Presenters:** Elaine Brown, Michigan Food and Farming Systems, Bob McCully, Michigan Department of Agriculture, Beth VanDyk, VanDyk Farms in Imlay City, MI; Rodney Winkel, farmer from Watervliet, MI, Jason Byrd, farmer from Benton Harbor, MI.

**Attendees:** 128

The curriculum that was used for each of the sessions was developed using the USDA- Good Agricultural and Handling Practices (GAP or GHP) standards. The reason for using this standard is that it would be used as a baseline for any audit that a farmer might be required to do depending on what their customer required. Roughly 80% of all GAP audits are very similar and by using the USDA standards as a guideline, a farmer would only have to do minor changes to their farm plan to meet a different GAP standard. The materials that were used for the sessions are in the folder provided in the interim report. Those materials are entitled:

- Good Agricultural Practices- PowerPoint by Phil Tocco
- USDA Audit
- How to Comply With A Food Safety Audit- by Primus
- Primus Food Safety Audit
- Good Agricultural Practices (GAP) and Good Handling Practices (GHP) Internet Resources
- Food Safety Auditors- By Tom Kalchik, MSU Product Center
- Checklist of Potential On-Farm Food Safety Risk- by MSUE
- Creating a Field Map with Google Maps-by MSUE
- Food Safety for Fruits and Vegetables- by Ohio State University Extension
- Guide to Minimize Microbial Food Safety Hazards for Fresh Fruits and Vegetables- US Dept. of Health and Human Services
- Global Gap
- SQF 1000 code
- Wholesale Success manual-by Family Farmed.org
- Sample Audit developed by MSUE and Michigan Agriculture Commodity Marketing Association-Apple Division. (Not Attached)
MIFFS also created a web page on the MIFFS website that is dedicated to the material and videos that were taken during the three advance sessions. That material can be located at [www.miffs.org/gapghp.asp](http://www.miffs.org/gapghp.asp).

During the advanced sessions, we did ask a non-USDA GAP auditing firm to make a presentation to discuss their program and to give farmers and understanding that there were not many differences from the USDA audit. We also brought in retail/wholesale produce buyers to give their perspective of why they are asking for audits, giving farmers insight to their concerns, and a dialog with the growers of their concerns with the audits. Per the evaluations, one of the most popular segments in the advanced classes, were the farmers that we brought in that currently have an USDA audit and shared their experiences going through the planning and audit process. These farmers shared their ideas on how to put the plan together, lessons learned, suggestions on how to put a plan together, and how it is a very important part of their business.

In a separate document, we have included a **GAP/GHP Trainings Evaluation Report for 2010**. This report includes the evaluations from each session along with observations and recommendations for future trainings.

<table>
<thead>
<tr>
<th>Tasks</th>
<th>Responsibility</th>
<th>Completed by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meeting of MIFFS staff and grant partners to review project plans, responsibilities, and confirm dates for the seven meetings.</td>
<td>Elaine Brown, Scott Corrin</td>
<td>Completed</td>
</tr>
<tr>
<td>Contact potential advisory team members and set the date for the advisory team meeting.</td>
<td>Elaine Brown</td>
<td>Completed</td>
</tr>
<tr>
<td>Work with the MI Family Farms Conference and Northern MI Small Farms Conference to plan an introductory session.</td>
<td>Scott Corrin</td>
<td>Completed</td>
</tr>
<tr>
<td>Conduct Advisory team strategic planning meeting.</td>
<td>Elaine Brown</td>
<td>Completed</td>
</tr>
<tr>
<td>Secure locations and dates for three advanced sessions.</td>
<td>Elaine Brown, Scott Corrin</td>
<td>Completed</td>
</tr>
<tr>
<td>Create a promotional flyer that can be distributed at the Great Lakes Fruit, Vegetable, and Farm Market Expo (GL Expo), Michigan Family Farms</td>
<td>Emily Beutel</td>
<td>Completed</td>
</tr>
</tbody>
</table>
Conference, and the Northern Michigan Small Farms Conference, and selected MSUE County offices to promote the advanced training sessions.

<table>
<thead>
<tr>
<th>Make training material available on MIFFS and MIFMA web pages &amp; publicity.</th>
<th>Emily Beutel</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop curriculums for three introductory sessions, three advance sessions, and one enhanced session.</td>
<td>Elaine Brown MSU PC</td>
<td>Completed</td>
</tr>
<tr>
<td>Work with the Michigan Farmers Market Association (MIFMA) to incorporate the introductory curriculum into their session at the GL Expo.</td>
<td>Elaine Brown MSU PC MIFMA</td>
<td>Completed</td>
</tr>
<tr>
<td>Conduct introductory session at the GL Expo</td>
<td>Elaine Brown MSU PC MIFMA</td>
<td>Completed</td>
</tr>
<tr>
<td>Conduct introductory session at the Michigan Family Farms Conference</td>
<td>Elaine Brown Scott Corrin MSU PC</td>
<td>Completed</td>
</tr>
<tr>
<td>Conduct introductory session at the Northern Michigan Small Farms Conference</td>
<td>Elaine Brown Scott Corrin MSU PC</td>
<td>Completed</td>
</tr>
<tr>
<td>Conduct three advanced sessions at the following locations  • Detroit Eastern Market  • Northern Michigan or Southwest Michigan  • The Starting Block, Hart</td>
<td>Elaine Brown Scott Corrin MSU PC MIFMA</td>
<td>Completed</td>
</tr>
<tr>
<td>Present an enhanced training session at the GL Expo based on a season of audits and lessons learned from farmers and the first six training sessions.</td>
<td>Elaine Brown MSU PC MIFMA</td>
<td>Completed</td>
</tr>
<tr>
<td>Process project invoices and financial reporting</td>
<td>Scott Corrin</td>
<td>Completed</td>
</tr>
<tr>
<td>Prepare grant reports</td>
<td>Elaine Brown Scott Corrin</td>
<td>Completed</td>
</tr>
</tbody>
</table>
## Financial reconciliation

### Final Financial Report

<table>
<thead>
<tr>
<th>Category</th>
<th>Budget</th>
<th>Interim Report Request</th>
<th>Final Report Request</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries and Fringes for three people</td>
<td>$22,656.00</td>
<td>$13,676.48</td>
<td>$8979.52</td>
<td>$22,656.00</td>
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<tr>
<td>Travel</td>
<td>$2000.00</td>
<td>$1,220.28</td>
<td>$779.72</td>
<td>$2000.00</td>
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<tr>
<td>Materials and Supplies</td>
<td>$12,000.00</td>
<td>$7,237.04</td>
<td>$4762.96</td>
<td>$12,000.00</td>
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<tr>
<td>Contracts</td>
<td>$13,817.00</td>
<td>$8,150.00</td>
<td>$5667.00</td>
<td>$13,817.00</td>
</tr>
</tbody>
</table>

| Totals                           | $50,473.00 | $30,283.80            | $20189.20            | $50,473.00 |

*Receipts attached for all expenses:
- Salaries and Fringes- receipts A
- Travel-receipts B
- Materials and Supplies-receipts C
- Contracts-receipts D
Michigan Food and Farming Systems (MIFFS) facilitated sessions at the Great Lakes Fruit, Vegetable & Farm Market Expo, the Northern Michigan Small Farm Conference, and the Family Farms Conference as well as hosted three day-long workshops in Hart, Benton Harbor, and Detroit. This report outlines the evaluation results gathered at each of these sessions or workshops and analyzes them to make observations about the needs of farmers related to GAP/GHP education and to make recommendations for future training efforts.
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Great Lakes Fruit, Vegetable & Farm Market Expo 2010, December 7-9, 2010- Grand Rapids
Grower Experiences and Lessons Learned with Farm Food Safety Plans and GAP Audits
Elaine Brown, Facilitator
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Introduction

In recent years, Michigan’s fruit and vegetable producers have witnessed both an increased demand for their produce and a strong desire for increased food safety measures. The increased demand is largely due to growing consumer interest in purchasing food that is locally grown and interest from Michigan retailers and wholesalers working to source more local fruits and vegetables in order to reduce their transportation cost from shipping those products and to meet consumer demand for local food.

In the past year, Michigan Food and Farming Systems (MIFFS) has built on its partnerships with agencies and agriculture groups across Michigan to help farmers respond to the increased desire for food safety measures by teaching them to implement food safety plans on their farms and prepare for the food safety audits their buyers may require. Training materials were developed and six training sessions were conducted to aid in the educational process.

MIFFS worked closely with the following partners to conduct these training sessions: Michigan State University Product Center (MSU PC), Michigan State University Extension (MSUE), the Southwest Michigan Research and Extension Center (SWMREC), Detroit Eastern Market Corporation, the Michigan Farmers Market Association (MIFMA), and Michigan Department of Agriculture (MDA).

This report outlines the six training sessions that MIFFS conducted, shares the evaluation materials gathered at each and concludes by analyzing these evaluation materials to identify trends that will help shape future training sessions. Each training session included an overview of good agricultural practices (GAP) that outlined the importance of mitigating food safety risks on the farm and communicating a commitment to food safety to buyers and consumers via GAP certification. Each training session also highlighted different perspectives related to food safety including growers, buyers and/or auditors. Finally, each session included an evaluation component that will be used to improve future sessions and identify further training needs.

The seven training sessions included a break-out session at the 2009 Great Lakes Fruit, Vegetable & Farm Market Expo, the 2010 Michigan Family Farms Conference, the Northern Michigan Small Farm Conference, and the 2010 Great Lakes Fruit, Vegetable & Farm Market Expo, as well as three day-long workshops held in Hart, Benton Harbor, and Detroit Michigan. Combined, these workshops reached 404 growers and over 18 educators. While demographics differed slightly at each session, the majority of growers reached were small producers who had little to no experience with GAP. Of the 120 growers who reported farm size, 45% farmed less than 25 acres and 62% farmed less than 100 acres. Of the 131 growers who attended MIFFS day-long GAP workshops, only 12 (9%) were GAP certified. A large number of beginning farmers were also reached with these training sessions. When asked, 35% of growers said they had less than 10 year of farming/gardening experience.

An analysis of evaluation materials shows that there is a need for continued GAP/GHP educational efforts. Evaluations call for more detailed workshops that help farmers write farm food safety plans and prepare for audits and for workshops that allow adequate time for specific questions and facilitated networking. Feedback shows that farmers appreciate hearing from individuals with first hand GAP experience, including growers and auditors, that they need help finding resources on the web, and that they need tools and resources that are scale appropriate. As educational efforts continue, it is also important to remain broadly focused on the areas that are common to all food safety standards (not to focus on one standard over another) and to emphasize that GAP audits are currently only industry driven and not federally mandated.
The 2009 Fruit, Vegetable and Farm Market Expo was held December 8-10 in Grand Rapids. A panel discussion entitled “Food Safety on the Farm” was organized by Dru Montri, manager of MIFMA and moderated by Robin Danto, MSU Extension Educator and Co-chair of MIFMA’s Professional Development Committee. The panel consisted of Colleen Collier-Bess, USDA GAP auditor with the MDA; Phil Tocco, MSU Extension educator; and Rebecca Titus, Titus Farms. Panel members discussed the easy aspects of food safety and the challenging ones, as well as what both farmers and market managers need to know.

Following the panel discussion, Kevin Halfmann, MDA Food Program Policy Specialist, presented on Safe Food Sampling at Farmers Markets. Presentation topics included hygiene, temperature control, food protection, warewashing and facility equipment.

About 50 individuals attended the session, primarily growers and brokers. Most of the attendees were from Michigan, but participants also traveled from Iowa, Illinois and Pennsylvania.

Feedback from the session was positive. All respondents indicated that they found the session “very helpful” or “somewhat helpful.” Evaluations showed that attendees learned new information that they can use in their businesses regarding topics such as hand sanitation, sanitation on-farm and at the farmers market, food safety at the farmers market, documentation and recordkeeping and how to become GAP certified. Comments suggested that attendees would like to hear more from the farmers’ perspective.
Great Lakes Fruit, Vegetable & Farm Market Expo 2009 – Evaluation Compilation

Farmers Markets I
Attendance: 50

Food Safety on the Farm Panel:
Bess 48
Tocco 55
Titus 47
(Caldera unable to participate)

Evaluation forms returned: 12

Very helpful xxxxxxx 7
Somewhat helpful xxxxx 5
Not helpful
Did not attend

Specific comments:
• Some speakers very dry
• Market master certification program would be a good idea to establish a standard for accountability
• Repetition of previous day
• Would like to have heard more from Titus Farm
• Very informative

Things participant can use in their businesses:
• I can sell our farm eggs
• Hand sanitizer issues
• Need to improve protection regarding totes, baskets, etc.
• Good info regarding sanitation concerns at farmers markets
• Document, document, document – CYA
• Sanitation; sterilizing crates or using baskets only a couple of times
• Running a farmers market, I hadn’t really thought about the food safety aspect on our vegetables. We do have beef and buffalo and bakeries that we check their processing, etc.
• How to become GAP approved
• Thank you for the check list

Future topic suggestions:
• Marketing/interest???
• Alternate sterilization procedures for reusable containers
• “Green” growers
• People who volunteer on the farm

Home state
MI MI MI MI MI MI IL IA MI PA MI (8 MI; one each IA, IL, PA)

Grower xxxxxxxxxxx 10
Shipper/broker xxxxxxx 7
Farm marketer xx 2
Packer X 1
Processor X 1
Other: Farmers Market, landscape designs, market manager
Overview of Session- 2010 Michigan Family Farms Conference

The 2010 Michigan Family Farms Conference was held on Saturday, January 16 in Battle Creek. A breakout session entitled “Putting Together a Food Safety Plan for Your Farm” was presented by MSU Extension educator Phil Tocco and Shelley Hartman, a farmer with GAP audit experience. Sixty individuals attended the session, including 8 that were Hispanic and 11 that were African-American. The majority of farmers that attended had less than 15 years of farming experience (65%), were between the ages of 31 and 50 (59%), and farmed less than 5 acres (56%).

Feedback from the session was positive. The majority of respondents strongly agreed, or agreed that they learned something new and that what they learned could help improve their business. Evaluations also showed that 93% would like more workshops on this topic. Comments proved that the session was very informative and that the speaker understood how to present this information effectively to the audience. The most common critique was that attendees requested a handout of the information to take home.

2010 MICHIGAN FAMILY FARMS CONFERENCE EVALUATION

10:40 AM- 12:00 PM
Putting Together a Food Safety Plan for Your Farm
Speaker(s): Phil Tocco & Shelly Hartman

Please check the box that corresponds to your level of agreement with each item.

<table>
<thead>
<tr>
<th>Item</th>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The resource person/ people could relate to my needs.</td>
<td>9 ☐</td>
<td>20 ☐</td>
<td>3 ☐</td>
<td>☐</td>
</tr>
<tr>
<td>2. The resource person/people delivered the content In a manner that was easy to understand.</td>
<td>12 ☐</td>
<td>20 ☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>3. I learned something new about the topic today.</td>
<td>23 ☐</td>
<td>9 ☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>4. I will use what I learned to improve my business.</td>
<td>19 ☐</td>
<td>12 ☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>5. Attending this workshop will have an impact on the Profitability of my business.</td>
<td>10 ☐</td>
<td>17 ☐</td>
<td>2 ☐</td>
<td>2 □</td>
</tr>
<tr>
<td>6. I would recommend this program to other farmers.</td>
<td>18 ☐</td>
<td>11 ☐</td>
<td>1 ☐</td>
<td>☐</td>
</tr>
<tr>
<td>7. I would like more workshops on this topic.</td>
<td>13 ☐</td>
<td>14 ☐</td>
<td>1 ☐</td>
<td>1 □</td>
</tr>
<tr>
<td>8. One thing I would do to improve the session is:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Promote website info</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Need time to elaborate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Provide handout of slide show</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Handouts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Powerpoint slide with contact names and websites</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Handouts! Went to fast to take adequate notes.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• A little slower/couldn’t take good notes</td>
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</tbody>
</table>
9. What I liked best about this session was
   - Phil was very professional and right to business- love that
   - Very informative
   - Very informative
   - The sympathetic approach the speaker used on our behalf
   - The "big picture" view of contamination control
   - Positiveness and helpfulness expressed
   - Directness
   - Informality about a very important topic

10. Complete the table below:

<table>
<thead>
<tr>
<th>Gender:</th>
<th>16 Female</th>
<th>16 Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Years farming</td>
<td>11 5-10</td>
<td>411-15</td>
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<table>
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<th>County:</th>
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<th>Kalamazoo-2</th>
<th>Wayne-3</th>
<th>Lenawee</th>
<th>Washtenaw</th>
<th>Hartford-2</th>
<th>USA-2</th>
<th>Ingham</th>
<th>Calhoun</th>
<th>Genessee-2</th>
<th>St. Joseph</th>
<th>Saginaw</th>
<th>Livingston</th>
<th>Berrien</th>
<th>Oceana</th>
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</thead>
<tbody>
<tr>
<td>I live in or on:</td>
<td>11 Farm</td>
<td>6 Rural Area</td>
<td>1 Small Town</td>
<td>4 Suburban Area</td>
<td>9 City</td>
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</tr>
<tr>
<td>Age:</td>
<td>3 Under 21</td>
<td>1 Under 21</td>
<td>7 31-40</td>
<td>9 41-50</td>
<td>4 51-60</td>
<td>3 60-70</td>
<td>0 70-80</td>
<td>0 80+</td>
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<tr>
<td>Distance traveled (in miles):</td>
<td>1 Under 25</td>
<td>4 25-50</td>
<td>6 51-75</td>
<td>7 76-100</td>
<td>12 over 100</td>
<td></td>
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</tr>
<tr>
<td>How did you learn about this program?</td>
<td>3 Newsletter</td>
<td>4 Brochure</td>
<td>10 Web</td>
<td>0 Newspaper</td>
<td>4 Extension Office</td>
<td></td>
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<tr>
<td>Other:</td>
<td>MIFFS-2</td>
<td>Friend-4</td>
<td>Business Partner</td>
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<table>
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<tr>
<th>Acres Farmed</th>
<th>14 &gt; 5</th>
<th>15-10</th>
<th>2 11-20</th>
<th>1 21-40</th>
<th>3 41-100</th>
<th>4 101-500</th>
<th>0 500&lt;</th>
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<tbody>
<tr>
<td>Crop Insurance</td>
<td>6 Yes</td>
<td>17 No</td>
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<td></td>
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<tr>
<td>Farm Transition Plan</td>
<td>7 Yes</td>
<td>13 No</td>
<td></td>
<td></td>
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<tr>
<td>Conservation Plan</td>
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<td>11 No</td>
<td></td>
<td></td>
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<tr>
<td>Sustainable Cons. Practices Implemented</td>
<td>4 Organic Cert.</td>
<td>4 Erosion Control</td>
<td></td>
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<tr>
<td>Integrated Pest Mgt.</td>
<td>1 MAEAP Cert.</td>
<td>Farm<em>A</em>Syst</td>
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<tr>
<td>Other:</td>
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</tbody>
</table>

11. The biggest risk(s) on my farm and need more information is:
   - Animal control-wildlife
   - Sanitizing totes
   - Wild animals

Please feel free to write additional comments in the space below:

- Nice presentation
- Thank you very much for your time.

### Visual Demographic of this Session

| Number of Total Participants | 60 |
| Number of Hispanics | 8 |
| Number of African-Americans | 11 |
| Number of Caucasian | 35 |
| Number of Men | 32 |
| Number of Women | 28 |
Overview of Session- Northern Michigan Small Farm Conference

The 2010 Northern Michigan Small Farm Conference was held on Saturday, January 30 in Grayling. A breakout session entitled “Legislation, Laws, Regulations and What They May Mean to Your Farm – GAP Part 1” was presented by Elaine Brown, executive director of MIFFS and Colleen Collier-Bess, USDA GAP auditor with the MDA. This introductory workshop provided an overview of the key concepts of GAP and what auditors look for during a farm audit. About 35 people attended the session. The majority of participants operated small farms that used direct marketing methods. A show of hands at the beginning of the program indicated that less then five of the farmers present had completed a GAP audit. About 10 farmers indicated that they were certified organic producers.

The participants actively asked questions during the session and several stayed after to chat with the speakers. Individual conversations after the session and during the remainder of the conference indicated that people very much appreciated the information provided and the quality of the presentations.

A farmer panel was also held during the conference to provide a farmers’ perspective of GAP.

Upon review of the evaluation materials from the entire conference, comments were selected based on their relevance to GAP/GHP.

2010 NORTHERN MICHIGAN SMALL FARM CONFERENCE EVALUATION

Please list any topics you would like to have on the agenda at a future Northern Michigan Small Farm Conference.

- I would like to have a GAP auditor/regulations writer speak and perhaps explain some of the regulations
- Need people who write the rules for auditor
- Changes in govt. regs affecting ag.- please get regulator agency reps. Eg. USDA & GAP
- More about GAP- try positive experience farmers
Overview of Session- 2010 GAP/GHP Workshops

In February 2010, MIFFS hosted three day-long GAP/GHP workshops across the state to educate growers and producers about the importance of food safety practices as a risk management strategy. Each workshop provided an overview of GAP by MSU Extension educator Phil Tocco and shared perspectives from Colleen Collier-Bess, USDA GAP auditor with the MDA, wholesale fruit and vegetable buyers, and local GAP certified producers.

The first workshop was held in Hart at The Starting Block incubator kitchen on February 2, 2010. A room capacity of 50 limited attendance. Among the participants were six educators and 44 small scale, fruit and vegetable producers, including 6 Amish producers. Juan Muniz from Primus Labs joined the workshop via webinar to discuss the resources available to growers on the Primus Labs’ website. A farmer's perspective was provided by Todd and Sarah Greiner of Todd Greiner Farms who are both producers and packers of fruit and vegetables. They stressed the importance of labeling and traceback and encouraged growers to have the right mindset when approaching GAP audits. Dennis Jennisch of Sysco and Steve Wright of Spartan Stores shared their buyer's perspective. Their message to growers was to have a clear understand of who they are selling to and what kind of audit they are looking for to avoid multiple audits or confusion on what expectations buyers may have. Overall, the group was at an exploratory stage and many of the producers were just beginning to learn about GAP. Common questions and concerns were about the cost of audits and the possibility of being required to have multiple audits from different auditors or multiple audits for crops harvested differently.

The second workshop took place on February 9 and was held at SWMREC in Benton Harbor. In attendance were 62 fruit and vegetable producers and 3 educators. Of the growers, 2 were Amish, 4 were African American, and 3 were Hispanic. Rodney Winkel of Grandview Orchards and Jason Byrd of L.H. Piggott & Girls, Inc. shared their growers’ perspective on GAP audits. Rodney had a unique perspective to share as he had recently returned from a trip to Washington D.C. where he attended meetings to provide feedback on the USDA GAP audit. He assured growers that the USDA is listening to their feedback and that they are trying to adapt practices to meet the needs of small producers. Jason shared his experience with Primus Labs’ audits and emphasized the importance of record keeping. Due to the weather, a buyer was unable to attend the workshop. The audience was passionate about preserving current farm practices and very inquisitive of the presenters.

The final session was held on February 16 in Detroit at the Sacred Heart Church in the Eastern Market district. Attendance was affected by poor weather conditions; however 25 growers and 9 educators were present for the workshop. Diane Du Russel of Du Russel's Potato Farms Inc. and Beth Van Dyke of Van Dyke Farms shared their farms’ experience with GAP audits. Diane and Beth both encouraged extensive record keeping and emphasized the need to never stop learning and doing your best to improve farm practices. In their opinions, GAP is not an audit a farmer passes once and forgets, but rather a process of continuing to learn and improve farm practices. Denise Worden of the Michigan Department of Corrections was present to provide a buyer’s perspective and sparked interest in institutional selling to both the Department of Corrections and local school systems. Of the producers present, 96% grew on less than 25 acres and many shared the opinion that current GAP standards were not appropriate for small scale producers.

Full registration lists as well as feedback from attendees showed a high demand for GAP training and workshops. Participants noted that they needed specific help in developing food safety manuals for their farm and that they need support in understanding how GAP practices can be applied to small scale farms and unique operations like CSAs and U-Pick operations.
# 2010 GAP/GHP Workshop Evaluations

**Hart, February 2 - Benton Harbor, February 9 - Detroit, February 16**

Please circle your answer in each row.

<table>
<thead>
<tr>
<th></th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall, I am satisfied with the presentations</td>
<td>1 (2)</td>
<td>2 (1)</td>
<td>3 (7)</td>
<td>4 (73)</td>
<td>5 (31)</td>
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<tr>
<td>The information was presented in a way that I could understand</td>
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<td>2 (3)</td>
<td>3 (6)</td>
<td>4 (68)</td>
<td>5 (36)</td>
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<tr>
<td>The handouts and presentations contained enough information</td>
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<td>2 (4)</td>
<td>3 (13)</td>
<td>4 (65)</td>
<td>5 (31)</td>
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<tr>
<td>without being overwhelming</td>
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<tr>
<td>I would attend further in-depth workshops on the topics covered</td>
<td>1 (2)</td>
<td>2 (5)</td>
<td>3 (18)</td>
<td>4 (57)</td>
<td>5 (31)</td>
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<tr>
<td>in this workshop</td>
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</table>

| How many different vegetables/crops do you grow?                |                   |          |         |       |                |
| 18 were not growers                                            | 1-5 (45)          | 5-10 (25)| 11-20 (13)| 21-30 (5)| 30+ (6) |
| How many years have you been gardening or farming?             | 1-3 (16)          | 4-7 (9)  | 8-10 (4) | 11-20 (5) | 20+ (59) |

| What is the area that you farm?                                | Less than 1 Acre (9) | 2-25 Acres (28) | 26-100 Acres (16) | 101-300 Acres (18) | 301+ Acres (24) |
| Are you certified in the following?                           | MAEAP (12) (2 working on) | Organic (6) | Other: Please specify 1- Farmstead and cropping certified pesticide applicator | 1- AIB Packing Facility | 1- Gerbers Self Audit |
| Are you GAP Certified?                                         | NO (42)           | Working on (28) | Yes, and it is verified by: USDA (6) | Primus (6) |                |

How did you find out about today’s workshop (by email, received a flyer in the mail, etc.)?
- Received a flyer in the mail (33)
- By email (14)
  - 3 specified from MIFFS listserv
  - 1- Michigan Organic Listserv
- Online (5)
  - 1-MIFFS website
- Flyer (4)
- MIFFS (3)
- From a friend (2)
- Extension (2)
- By phone
- Flyer from the South West Michigan Hort Show
- Extension Newsletter
- Flyer from Ag Action Days in Kalamazoo (2)
- Family Farms Conference
- Michigan Young Farmer Coalition
- Diane Worden
- Eastern Market
- CSA owner
- Co-worker at D-town farms
- From the farmers market work I do
What do you feel was the best part of the workshop? Why?

**Phil Tocco, Overview**
- The overview/ Phil Tocco (7)
  - Overview of GAP- Good basis for other presentations

**Colleen Bess, MDA- USDA GAP Auditor**
- Auditors perspective (3)
- Information on auditing process because it allowed me to see what would be involved in getting GAP certified.
- The auditing information and the list so we will be able to follow the checklist for safe food handling
- Getting to hear auditors and producers' perspectives you get to hear both sides
- General discussion on audits. Loved real life talk with people that do audits.

**Farmers Experience**
- Farmers experiences (6)
- Farmers bringing in their materials to show
- The producer perspective from Jason Byrd & Rodney Winkel (23)
- Gave more of a boots-on-the-ground picture of experiences with GAP audits
- Learning from local farmers
- Farmer experience. You can see reality in this thing.
- Reality of real-life experiences as to what is important, rather than the theories of what would be “ideal.”

**Buyers**
- Buyer testimonial (2)

**General Speaker Comments**
- Depth of knowledge of the presenters
- All the presenters were very knowledgeable and I now look at food handling differently
- Variety of speakers and reference materials
- The speakers were very well informed
- Relaxed, Good speakers
- Speakers being able to ask appropriate questions
- Interaction with the audience was good
- Questions and answer sessions (2)
- Non-bias opinion
- Give them more time to discuss details

**Workshop Comments**
- Hands on experience
- Networking with participants (3)
  - Different sized farmers have different ideas
- Talking to fellow growers (2)

**Appreciated Topics**
- Dialing in growers to upcoming requirements
- Information on customer demands
- Learn about the recent requirements
- Different ways to be GAP certified
- Trying to figure out which certification to go with
- Lot trace- I do traces for my company for USDA requirements
- Learning that our farm operation is unique and your audit should be done to address food safety in that farm
- Key areas in audit
- Role of government
- Information on good food handling process (2)
- Good explanation of exponential growth of bacteria
- Learning more about the updates
- Guidance on what the different audits mean

**Resources Presented**
- The DVD on food safety
- Resource information
- MSU website that provides a sample to start a binder
- Literature hand-outs
- Gathering information to share with farmers markets

**Other Comments**
- GAP information
- Getting information for our farm
- Information because we need it
- Education
- I think it was all good information (2)
- Plenty of information
- I learned the different method you need to farm
- I have learned things I didn’t know
- Good (3)
- All (4)
- Lunch (5)
What do you feel could have been improved? Why?

Additional Topic Areas
- Little more about cost of certification and different crops on one farm being certified at one time.
- Compare the different audit companies’ prices and what differences there are in what they look for.
- Provide a background on GAP & its origins, e.g. a short bureaucratic history and future of GAP.
- More information about irrigation and GAP standards.
- Build on the “science” of food safety and make it simple. Growers are baffled by the science of chlorination and bacterial exponential growth, etc.
- Information on selling
- Role of government
- Find interesting ways of getting more people interested in food safety and personal hygiene.
- More specific to smaller grower
- More information on small farms food safety
- I would like to see more information/examples on how GAP certification would benefit the small scale family farm.
- Most attendees were smaller sized growers and owners of CSA’s- difficult to relate to larger growers.
- The how tos explained in more detail.
- Go more in depth on how to create individual templates.
- Handout of a typical GAP.

Suggestions for Speakers
- Get speakers who have experience. Quit trying to defend the letter of the law.
- The webinar with Juan Muniz from Primus (4)
  - He was hard to understand
  - His graphics had little to do with the handout
- More representation from buyers (3)
  - To get their personal perspective.
- Bring in representation from large retailer.
- Bridge grower to processor
- More grower/producer speakers with experience with these audits.
- More time for Phil Tocco- he was rushed.
- The first presenter was arrogant, rushed, and limited questions. He gave answers, but no data to support.
- Have a person present who draws up these plans so they can hear real life concerns.
- Simplify
- Deal more with more details, not just general ideas.

Logistics
- Other ethnic groups
- Seat arrangement/ Size of the room (2)
- Facilities- The room as cold.
- A lot to cover in one meeting.
- Repeat of questions audience asked. Sometimes it was difficult to hear soft voices or because of echo in the room.
- More questions and answers.
- More time per topics
- Crowd control
- Organize questions on Phil’s presentation- a lot of repeats.
- The facilities, especially the microphones.

Opinions on GAP
- I feel there should be one individual international standard for GAP.
- GAP Certification is too costly and too frequent.
- Everyone has a different view on GAP.

Other Comments
- Everything is important
- Nothing- Very informative!
- Everything was OK. I feel prepared to apply for an audit now.
- Good Job/ Nothing (3)
What other topics would you like future presentations to address?

**Continuing GAP Presentations**
- More details
- Need to have more time spent on this subject
- Continue this topic with updates
- I want to stay updated with any new trends, policy, rules and regulations
- Continue GAP workshops to reach more farms
- A presentation from the actual retail stores i.e. Meijer, Publix
- Examples of a smaller farmer that is certified
- Simplify food safety
- Emphasis that this is a consumer and industry requirement, not a government mandate.
- Farm Safety

**Manual Preparation**
- How to set up a manual
- How to make your manuals better
- Walk through GAP manual creation on Primus lab website
- Workshop in starting your pre & post harvest plan

**Preparing for an Audit**
- Audits
- Step by step on audit
- More in depth on accomplishing the individual elements- Where to get help for audit
- World-wide GAP
- I would like further work on uniting the audits

**Issues Related to Audits**
- Trucking/Distribution
- Methods of control of pests for audit compliance- how to comply with wild animal issues and do it economically
- Rental vs. ownership of port-a-johns
- Qualifications for laboratory testing water & environmentals

**Food Safety Off the Farm**
- Food Safety in the stores after our products get there
- Who is educating the consumer about the cost, feasibility and long term ramifications of these demands?

**The Science behind Food Safety**
- Talk about mouth-to-hand contact when eating, drinking, smoking. This is where the illness is spread.
- Emphasis that hand washing removes bacteria. Hand sanitizers may or may not kill them.
- Accurate probability and data on severity of disease or illness.

**Marketing Products**
- Other markets for small growers: Farm to school
- School lunches and selling to fast food places
- Outlets for sales from small family farms
- Marketing directly to consumers workshops
- Local/regional food buyers and aggregate buyers: what they want, how to reach them, who they are

**Other Topic Areas**
- How can we better support farmers
- Since we are “family farms” here in the Midwest, remind me again why to preserve these family farms, and for what reasons.
- Grants to small farmers (2)
- Risk management thru an LLC
- More about kitchens
- Migrant workers
- Ginsang

**Other Comments**
- Thank you for providing this program to the farmers at no cost. It helps to not have an additional payment for this information.
I. **CHOOSING AN AUDIT**

1. Is there a comparison document that outlines a point by point comparison of GAP standards so we know which one will work for us?

2. If I pass an USDA audit, but my retailer wants a Primus Labs audit, do I have to have 2 audits? And pay for both of them?

3. What are the differences between USDA GAP and third party audits?

4. Do buyers understand USDA GAP audits, Primus Labs audits, and the differences between them?

II. **AUDIT TIMING AND PROCEDURES**

1. How do I schedule an audit?

2. How long does an audit take?

3. What is the cost for an audit?

4. How long is an audit good for?

5. Should I do a pre-audit?

6. What happens during an audit?

7. If an auditor comes to my farm and sees something that I’m not doing right, do I get time to correct it?

8. Do auditors have to inspect each crop?

9. What if I schedule an audit and I’m not ready to harvest my crop that day?

10. If you make value-added products does that require two audits, one for the crop and one for processing?

11. I am growing tomatoes in a greenhouse and in the field. Would I have to have two different audits?

12. How should you divide your growing area when designating “fields” for a farm food safety manual?

13. Are hand picked and machine harvest methods audited differently?

14. What crops can you group together to be audited at the same time?

15. Is there a template for a food safety manual available? Is there help for compiling a farm food safety manual?

16. How many man hours does it take to put together a manual and document everything?

17. We’re a small farm with multiple crops, how can we save money on an audit?

18. Is there a sign you can post to show that you are GAP certified?

19. For recording practices, do you need a paper trail or can you use electronic records?

III. **WATER SOURCES**

1. Can I use water from a river to irrigate my crops?

2. Is there an acceptable microbial limit for pond water?

3. Does the food safety risk differ depending on what method of irrigation I use (i.e. drip irrigation versus overhead irrigation)?

4. A lot of farmers have more than one well. Do all wells have to be tested?

5. What time of the year do you test your water?

6. When and where do you test irrigation water? Do you test it where it comes out of the lines and contacts the plant?

7. What kind of test is needed for water sources?

8. Is there an electronic monitoring system for water quality?
IV. CERTIFICATIONS FOR OTHERS IN THE SUPPLY CHAIN

1. Do inputs such as chemicals and seeds need to be GAP certified?

2. How is food safety maintained in a grocery store?

3. Do growers in other countries have to pass food safety audits?

4. How is food safety maintained after a product leaves the farm?

V. SANITATION

1. What is a kill step?

2. What are the four steps to sanitize?

3. How do we sanitize buckets? And how often do they need to be sanitized?

4. Does insect waste contain e. coli?

5. Where do you get manure for fertilizer tested?

6. Will auditors accept in-house testing for microbes?

7. Is there some kind of equipment or apparatus to get a compost pile up to 160 degrees?

8. Is chlorine the only acceptable chemical to use to sanitize?

VI. WORKER HYGIENE

1. How do you train farm employees to have proper hygiene?

2. Does an auditor interview farm employees?

3. Can our workers use hand wipes instead of washing their hands with soap and water?

4. I know that smoking is not allowed inside the harvest area, but is chewing tobacco allowed?

5. What happens when a farmer doesn’t have a bathroom out in the field?

6. Can workers be expected to use the bathroom at home if their home is near the field?

7. Is it the farm owner’s responsibility to ensure that bathrooms are stocked or can that responsibility be assigned to an employee?

8. Do we have to watch our employees to make sure they wash their hands?

9. Workers aren’t allowed to eat in the production area. What is technically “outside” the production area?

10. What worker: restroom ratio is acceptable?

11. What should be done if a worker has sores on their hands?

12. Why is smoking not allowed in the field?

13. Is there a place to buy signs to post for workers who speak a different language?

14. Does water for hand washing have to be a certain temperature?

VII. ANIMALS AND CHILDREN IN THE FIELD

1. How do I get the deer out of my fields?

2. What can I do to manage the risks presented by deer and other wildlife?

3. Is it the expectation that I remove all wildlife from my production area?

4. What is a wildlife plan?

5. What age group is technically considered a child?

6. Do U-Picks need to be GAP certified?

7. What poses a greater food safety risk, mechanical harvest or harvesting with draft animals?
The 2010 Fruit, Vegetable and Farm Market Expo was held December 7-9 in Grand Rapids. A panel
discussion entitled “Grower Experiences and Lessons Learned with Farm Food Safety Plans and GAP Audits”
was organized by Elaine Brown, Executive Director of MIFFS. The panel consisted of Bob McCulley, USDA
GAP auditor with the MDA; Beth Van Dyk of Van Dyk Farms, Rodney Winkel of Grandview Orchards and
Jason Byrd of L.H. Piggott & Girls, Inc. Beth, Rodney and Jason are all farmers or growers who have
experience with farm food safety plans and GAP audits. Panel members discussed the lessons they have
learned from having GAP audits performed on their farm and their advice for other farmers that are
considering drafting farm food safety plans and having them audited.

Attendance for the session was recorded as 128 and consisted mainly of large scale fruit and
vegetable producers (101 acres or more in production). Unfortunately, only 13 evaluations were collected.
Feedback from the session was positive and provided further evidence that farmers appreciate hearing real-
life experiences from the farmers and growers that have lived them.

2010 GAP/GHP Workshop Evaluations

Great Lakes Fruit, Vegetable and Farm Market EXPO 2010
Grower Experiences and Lessons Learned with Farm Food Safety Plans and GAP Audits

Please circle your answer in each row.

<table>
<thead>
<tr>
<th></th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall, I am satisfied with the presentations</td>
<td>1</td>
<td>2</td>
<td>3 (3)</td>
<td>4 (7)</td>
<td>5 (3)</td>
</tr>
<tr>
<td>The information was presented in a way that I could understand</td>
<td>1</td>
<td>2</td>
<td>3 (2)</td>
<td>4 (7)</td>
<td>5 (4)</td>
</tr>
<tr>
<td>The handouts and presentations contained enough information</td>
<td>1</td>
<td>2 (1)</td>
<td>3 (1)</td>
<td>4 (9)</td>
<td>5 (2)</td>
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<tr>
<td>without being overwhelming</td>
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<tr>
<td>I would attend further in-depth workshops on</td>
<td>1</td>
<td>2 (1)</td>
<td>3</td>
<td>4 (3)</td>
<td>5 (7)</td>
</tr>
<tr>
<td>the topics covered in this workshop</td>
<td></td>
<td></td>
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</tbody>
</table>

| How many different vegetables/crops do you grow?                | 1-5 (7)           | 5-10 (3) | 11-20  | 21-30 (1) | 30+ |
| How many years have you been gardening or farming?             | 1-3 (2)           | 4-7 (1)  | 8-10   | 11-20     | 20+ (9) |

| What is the area that you farm?                                 | Less than 1 Acre (1) | 2-25 Acres (2) | 26-100 Acres (2) | 101-300 Acres (5) | 301+ Acres (4) |

| Are you certified in the following?                            | MAEAP (7)         | Organic (2)    | Other: Please specify |
How did you find out about today’s workshop (by email, received a flyer in the mail, etc.)?

• Expo Program (4)
• Mail (3)
• Email (2)
• Flyer (2)
• From a friend
• VGN News

What do you feel was the best part of the workshop? Why?

• The farmers experience sharing on implementation
• Remarks from growers
• Farmers experience
• Discussion at the end. It’s from the other growers who are going through the same issues
• Discussion, learn more
• Personal stories and Questions/Answers
• Questions and Answers
• The help from the auditors and the growers that have gone through the process. The little details help.
• Number of concerned growers

What do you feel could have been improved? Why?

• More scientific information
• More on screen/paper resources to accompany talks
• More reference information to hand out i.e. USDA checklist
• Maybe a little more detail on things. And to give more internet sties or place that will help you out.
• Microphones used for audience asking questions

What other topics would you like future presentations to address?

• Follow up one year later
• Misunderstandings/lack of knowledge on USDA/Primus audits
## Observations and Recommendations for Future Trainings

<table>
<thead>
<tr>
<th>Observation</th>
<th>Recommendation</th>
</tr>
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<tr>
<td>There is a continued need for more educational efforts related to GAP/GHP.</td>
<td>Continue to hold educational sessions related to GAP/GHP.</td>
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<tr>
<td>Evidence:</td>
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<tr>
<td>• <em>Family Farms Conference</em>: 27 people either agreed, or strongly agreed</td>
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<tr>
<td>with the statement “I would like more workshops on this topic”</td>
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<tr>
<td>• <em>GAP/GHP Workshops</em>: 88 people either agreed, or strongly agreed with</td>
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<td>the statement “I would attend further in-depth workshops on the topics</td>
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<tr>
<td>covered in this workshop”</td>
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<tr>
<td>Producers appreciate hearing from auditors and other producers who have</td>
<td>Continue to include auditors and producers with firsthand experience with</td>
</tr>
<tr>
<td>firsthand experience with GAP/GHP.</td>
<td>GAP/GHP as presenters at workshops and training sessions.</td>
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<tr>
<td>Evidence:</td>
<td></td>
</tr>
<tr>
<td>• <em>Northern Michigan Small Farm Conference Comment</em>: More about GAP- try</td>
<td></td>
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<tr>
<td>positive experience farmers</td>
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<td>• <em>GAP/GHP Workshops</em>: 29 people commented that the best part of the</td>
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<td>workshops was hearing the farmers experience</td>
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</tr>
<tr>
<td>Producers recognize that GAP/GHP is a fluid topic that will continue to</td>
<td>Help growers identify web resources that reflect the most up-to-date</td>
</tr>
<tr>
<td>change and they desire a way to stay abreast of these changes.</td>
<td>information.</td>
</tr>
<tr>
<td>Evidence:</td>
<td></td>
</tr>
<tr>
<td>• <em>GAP/GHP Workshops Comment</em>: I want to stay updated with any new trends,</td>
<td></td>
</tr>
<tr>
<td>policy, rules and regulations</td>
<td></td>
</tr>
<tr>
<td>Producers are interested in more in-depth, detailed information.</td>
<td>Future workshops should provide more detail about individual topics. Suggested</td>
</tr>
<tr>
<td>Evidence:</td>
<td>topics include food safety manual documentation and audit preparation.</td>
</tr>
<tr>
<td>• <em>Family Farms Conference Comment</em>: Need time to elaborate</td>
<td></td>
</tr>
<tr>
<td>• <em>GAP/GHP Workshops Comment</em>: Give more time to discuss details</td>
<td></td>
</tr>
<tr>
<td>• <em>GAP/GHP Workshops Comment</em>: Deal with more details, not just general</td>
<td></td>
</tr>
<tr>
<td>ideas</td>
<td></td>
</tr>
<tr>
<td>Observation</td>
<td>Recommendation</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>----------------</td>
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<tr>
<td>A large number of the farmers who are attending these workshops are small farmers who are seeking food safety information that is scale appropriate. Evidence:</td>
<td></td>
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<tr>
<td>- <em>Family Farms Conference:</em> The majority of attendees (56%) reported farming less than 5 acres</td>
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<tr>
<td>- <em>GAP/GHP Workshops Comments:</em></td>
<td></td>
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<tr>
<td>o More information on small farms food safety</td>
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</tr>
<tr>
<td>o I would like to see more information/examples on how GAP certification would benefit the small scale family farm</td>
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</tr>
<tr>
<td>Develop tools and resources that are scale appropriate for small farms.</td>
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Producers have specific concerns about GAP/GHP and are seeking an opportunity to ask their questions. Evidence:

- *GAP/GHP Workshops:* When asked what was the best part of the workshop, comments included:
  o Question and answer sessions (mentioned two times)
  o Speakers being able to ask appropriate questions
  o Interaction with the audience was good

Future workshops should include adequate time for question and answer sessions and/or facilitated networking so that attendees can have ample opportunities to ask their unique questions.

There is not one preferred GAP certification agency among fruit and vegetable buyers and producers. Evidence:

- *GAP/GHP Workshop:* Of the 12 producers who report being GAP certified, half are certified by Primus Labs and half are certified by the USDA GAP standards

GAP education efforts should not be specific to one standard over another. All standards should be considered.

Cost is one of the major concerns of producers related to becoming GAP certified. Evidence:

- *GAP/GHP Workshop Comments:*
  o GAP certification is too costly and too frequent
  o Little more [information] about cost of certification

Emphasize that GAP audits are customer driven and not currently federally mandated.
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**Total:**

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Michigan Foods and Farming Systems Expense Report

Purpose:  
PAY PERIOD: From 11/1/2010 To 11/30/2010

PERSONAL INFORMATION:
Name  Scott Corrin
Address  9575 N Royston Rd
Grand Ledge, MI 48837

Your mileage rate  0.500

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<th>Account (office use)</th>
<th>Description</th>
<th>Meals/Tips</th>
<th>Lodging</th>
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$ 6.67  $ -  $ -  $ 80.00  $ 80.00  $ 166.67

Signature
The above expenses are actual and true.

Approved

Less Advance

Total Due  $ 166.67
Michigan Food and Farming Systems- Expense Report

Purpose: Travel expenses
PAY PERIOD: From 12/1/2010 To 12/15/2010
Your mileage rate 0.500

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$ 66.57 $ - $ - $ 65.00 150 $ 75.00 $ 206.57

Signature: Elaine Brown
The above expenses are actual and true.

Approved: [Signature]

Less Advance Total Due: $ 206.57

Charge: $ 43.63

Total Due: $ 142.94
# Michigan Foods and Farming Systems Expense Report

**Purpose:** reimbursement

**PERSONAL INFORMATION:**
- **Name:** Emily Beutel
- **Address:** 8221 West S Ave, Schoolcraft, MI 49087

**PAY PERIOD:** From 12/1/2010 To 12/15/10

Your mileage rate: 0.500

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**Signature:**

The above expenses are actual and true.

**Approved:**

**Less Advance:**

**Total Due:** $113.50
Michigan Food and Farming Systems - Expense Report

**Purpose:** MTB

**PERSONAL INFORMATION:**

- **Name:** Whitney Cousens
- **Address:** 731 Burcham Apt B302, East Lansing, MI 48823

**PAY PERIOD:**

- **From:** 12/7/2010
- **To:** 12/7/2010

**Your mileage rate:** 0.500

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**Signature:**

The above expenses are actual and true.

**Approved:**

**Less Advance Total Due:** $80.50
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Information:

Member #: [Redacted]
Arrival Date: Monday, February 13, 2010
Departure Date: Tuesday, February 16, 2010

x X X

Amanda Segre

Phone: (313) 871-6000 Fax: (313) 871-1473
Detroit, MI 48202

The Inn On Ferry Street

Feb 16, 2010
7:27 am
### The Inn On Ferry Street
84 East Ferry
Detroit, MI 48202
Phone: (313)871-6000 Fax: (313)871-1473
Account #: 71891
Room Number: 2303
Rate: $119.00
Pay Method: XXXXXXXXX2259 V1

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Balance: $0.00

I agree that my liability for all charges is not waived.

Signature
The Inn On Ferry Street  
84 East Ferry  
Detroit, MI 48202  
Phone: (313)871-6000  Fax: (313)871-1473  

Amanda Seger  

tax  

Arrival Date: Monday, February 15, 2010  
Departure Date: Tuesday, February 16, 2010  

Account #: 71889  
Room Number: 2102  
Rate: $99.00  
Pay Method: XXXXXXXXXXXXXXX2759 VI  

<table>
<thead>
<tr>
<th>Date</th>
<th>Department</th>
<th>Reference</th>
<th>Voucher</th>
<th>Room</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/15/2010</td>
<td>ROOM POSTING</td>
<td>Auto Posted</td>
<td></td>
<td>2102</td>
<td>$99.00</td>
<td></td>
</tr>
<tr>
<td>2/15/2010</td>
<td>STATE TAX</td>
<td>Auto Posted</td>
<td></td>
<td>2102</td>
<td>$5.94</td>
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<td>2/15/2010</td>
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<td>Auto Posted</td>
<td></td>
<td>2102</td>
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<tr>
<td>2/15/2010</td>
<td>COUNTY TAX</td>
<td>Auto Posted</td>
<td></td>
<td>2102</td>
<td>$0.99</td>
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<tr>
<td>2/16/2010</td>
<td>VISA</td>
<td>CHECKED-OUT</td>
<td></td>
<td>2102</td>
<td></td>
<td>$107.91</td>
</tr>
</tbody>
</table>

Balance: $0.00

I agree that my liability for all charges is not waived.

Signature ________________________________
**MAIL SERVICE REQUEST**

**U.S. MAIL**

<table>
<thead>
<tr>
<th>Date</th>
<th>Phone #</th>
<th>Classification Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-5-10</td>
<td>2-0712</td>
<td>Scott</td>
</tr>
</tbody>
</table>

- **First Class**
- **BPM**
- **Return Receipt**
- **Priority**
- **Media**
- **Special Services**
- **Express**
- **Library**
- **Insured Value**
- **Parcel Post**
- **Standard Presort**
- **Other**

Service Endorsements Must Also Be On Packages and Flats

THIS CARD MUST BE SIGNED AND ATTACHED TO ALL MAIL THAT YOU WISH PROCESSED.

---

**POSTAGE CHARGES**

MAIL ROOM ONLY

<table>
<thead>
<tr>
<th>Stock No. 14025570</th>
</tr>
</thead>
</table>

70 x 49¢ = $30.60

6AP
350 x 44^4 = 154

6.14 Malinee

$171.59
<table>
<thead>
<tr>
<th>Description</th>
<th>Total Amnt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$288.05</td>
<td></td>
</tr>
</tbody>
</table>

Agree to Pay Above Total

Merchant Copy

Signature X

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Quantity Shipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>90's</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>50F1000 Assurance Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How to Comply Through Primitives</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Creating a Field Map with Google</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Checklist for Farm Risks</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>GAP Certifiers</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>GAP Overview for Growers</td>
<td>120</td>
<td></td>
</tr>
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<td></td>
<td>110</td>
<td></td>
</tr>
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<td></td>
</tr>
</tbody>
</table>

Date: 2/5/2010

Delivery Ticket

MSU Printing Services

Phone: (517) 355-6610
East Lansing, MI 48823
1330 S. Harrison Road

Delivered to: 49408
Job Number: 31-4109
P.O. #/Account # 49408
Deliver Our Driver
Shipped Via:

Received by:

Date:

Time:

Number of Cartons:

Food Safety for Fruits & Veggies

Global GAP Control Points

USDA Audit Checklist

Date: 2/5/2010

P.O. #/Account #

Job Number

Job: 49408

Deliver Ticket

Phone: (517) 335-6610
East Lansing, MI 48823
1330 S. Harrison Road

MSU Printing Services

C

Job Description: 85
Quantity Shipped: 50

Job Description: 80
Quantity Shipped: 50

Alien: Amanda Segar
Building
112 Natural Resources
WIFS
Deliver or Ship To:

Phone:

Ordered By:

Ordered By:

Received By:

Delivered By:
Date: 1/29/2010

Total: $413.24

MSU Printing Services
Phone: (517) 355-6610
East Lansing, MI 48823
1330 S. Harrison Road

Deliver To:

Job: 31-4109
P.O.#/Acc# 49256

Attention: Amanda Segar
Building 172 Natural Resources
MIRES

Global GAP Control Points

USD Audit Verification

SOF1000 Assurance Code

Quantity Shipped: 130
Job Description:

Food Safety for Fruits and Veggies

Quantity Shipped: 50
Job Description:

Ordered By: 

Delivered By: 

Shipper: 

Date: 

Time: 

10x

Number of Cartons:

P.O.#/Acc# 49256

Job Number

Delivery Ticket
<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line 1</td>
<td>1</td>
<td>4.92</td>
<td>4.92</td>
</tr>
</tbody>
</table>

Subtotal: $4.92
Price: $3.00 pp

60 People

Breakfast to include: Fresh cut fruit, Granola, Yogurt and Bottled Water, Plastic ware, bowls, cups.

Tuesday, February 16, 2010

Invoice

313-831-1960

Detroit, MI 48201

4206 Woodward Ave.
<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tape, Box Sealing, 2 inch x 55 yard</td>
<td>2</td>
</tr>
<tr>
<td>Pen, Bic Blue Fine Point, 12 per pack</td>
<td>20</td>
</tr>
<tr>
<td>Battery, Alkaline, Size AA</td>
<td>6</td>
</tr>
<tr>
<td>Battery, Alkaline, Size AAA</td>
<td>6</td>
</tr>
</tbody>
</table>

**Request for Supplies From Stores**

**Michigan State University**

**Dept No.**

**Building**

**Room No.**

**Physical Plant Only**
<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
<th>Quantity</th>
<th>Subtotal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kona blend coffee</td>
<td>2.18 F</td>
<td>2</td>
<td>4.36 F</td>
</tr>
<tr>
<td>Splenda 500 CT</td>
<td>2.52 F</td>
<td>2</td>
<td>5.04 F</td>
</tr>
<tr>
<td>Cereal bar</td>
<td>7.04 F</td>
<td>2</td>
<td>14.08 F</td>
</tr>
<tr>
<td>Welch juice</td>
<td>7.10 F</td>
<td>2</td>
<td>14.20 F</td>
</tr>
<tr>
<td>Jif peanut butter</td>
<td>11.40 F</td>
<td>3</td>
<td>34.20 F</td>
</tr>
<tr>
<td>Cell phone</td>
<td>5.00 F</td>
<td>1</td>
<td>5.00 F</td>
</tr>
<tr>
<td>Green grapes</td>
<td>1.18 F</td>
<td>2</td>
<td>2.36 F</td>
</tr>
<tr>
<td>Red Grapes</td>
<td>7.10 F</td>
<td>1</td>
<td>7.10 F</td>
</tr>
<tr>
<td>Black coffee</td>
<td>4.49 F</td>
<td>1</td>
<td>4.49 F</td>
</tr>
<tr>
<td>Tangerines</td>
<td>5.99 F</td>
<td>0.5</td>
<td>2.99 F</td>
</tr>
<tr>
<td>Tangerines</td>
<td>5.99 F</td>
<td>0.5</td>
<td>2.99 F</td>
</tr>
</tbody>
</table>

**Total** 66.01 F

Payment Method: Card TENDER 66.01

You are saving a total of 16.51 F today!

**SAVINGS TOTAL** 16.51 F
Invoice

108 38
0.00
9084300
Spring Water 35-16
3 6 x 9.6
7299

22.49
Coffee Club 1/2-133
473883
Creamer Containers

1.49
Sugar Container 1-2
684294

9.99
Glass Knife Hvy Whl
684292

1.74
Plastic Spoon Hvy Whl
693610

15.26
Chocolate Candy 4-1/4
223741

2.59
3 lb Non-Bowl White
25660

2.49
Plastic Cup 2oz 1-
14318

6.49
Heavy Weight Plate 6-
217010

3.56
Foam Cups 10 oz 1-
28394

6.98
Bun蛸 1-3/4
181979

31.33
Fast Mini Muffins

Terms: 30 Net 10/4
Invoice Date 02/08/10
Invoice Number 75617057

Benton Harbor, MI 49022
www.46s.com
Customer Service 1-800-786-9164
A/R Inquiries 1-800-786-6940

Marketplace

GFS
<table>
<thead>
<tr>
<th>Num</th>
<th>Name</th>
<th>Memo</th>
<th>Account</th>
<th>Class</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>6288</td>
<td>MDA GAP m...</td>
<td>7017: Contractor #5</td>
<td>00 Res:0...</td>
<td>450.00</td>
<td>450.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MDA GAP m...</td>
<td>5050: Non-Gov con...</td>
<td>01 Unre...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>450.00</td>
<td>450.00</td>
</tr>
</tbody>
</table>
Clerks Tobacco Experience

6-14/7014

8864
4 9884

2901 Terrace View Rd

Rodney Winck

1299 X Van Dyke

Betty Van Dyke

Jason Byrd (byrdjas@yahoo.com)

269-208-2559

Benton Harbor, MI 49022

3791 E. Naper Ave

Benton Harbor, MI 49022

You told me to send my info to you at the Expo.

Subject: Info

To: Scott Cornm

Sent: Tuesday, December 07, 2010 9:57 PM

From: Jason Byrd (byrdjas@yahoo.com)

Page 1 of 1
<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Unit Price</th>
<th>Line Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Services from May 16 to May 31</td>
<td>1</td>
<td>$700</td>
<td>$700</td>
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</tbody>
</table>

Subtotal $700
Sales Tax
Total
$700

Note: Make all checks payable to Amanda Segar
Thank you for your business!
Thank you for your business!
Make all checks payable to Amanda Sagar

<table>
<thead>
<tr>
<th>Total</th>
<th>Sales Tax</th>
<th>Subtotal</th>
</tr>
</thead>
<tbody>
<tr>
<td>$800</td>
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<td>$800</td>
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<table>
<thead>
<tr>
<th>Description</th>
<th>Unit Price</th>
<th>Line Total</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>City</th>
<th>Services from May 1 to May 15</th>
</tr>
</thead>
</table>

INVOICE # 110
Date: May 15, 2010

Amanda Sagar
269-317-6696
Teknonal, Michigan 49092
1131 Morris Road

(INVOICE)

Certification of Michigan Bond Sales

INVOICE
<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Unit Price</th>
<th>Line Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Services</td>
<td>1</td>
<td>$800</td>
<td>$800</td>
</tr>
</tbody>
</table>

Subtotal: $800  
Sales Tax: $0  
Total: $800

Make all checks payable to Amanda Segar

Thank you for your business!

Amanda Segar  
1131 Marshall Road, Tekonsha, Michigan 49092  
Phone 269-317-6696  
segaramo@msu.edu
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Unit Price</th>
<th>Qty</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$800</td>
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</tr>
</tbody>
</table>

**Payment Information**

Make checks payable to Amanda Seagar.

Thank you for your business.

289-317-6996
Teakwood, Michigan 49021
Amanda Seagar

INVOICE # 107
Date: March 31, 2010
<table>
<thead>
<tr>
<th>Line</th>
<th>Description</th>
<th>City/County</th>
<th>Qty</th>
<th>Rate</th>
<th>Units</th>
<th>Total</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>$800</td>
<td></td>
<td>$800</td>
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</table>

**Subtotal**

**Sales Tax**

**Total**

$800

Thank you for your business.

Make all checks payable to Amanda Segar.

Amanda Segar
1131 Marshall Road
Takoma, Michigan 49072
Phone: 269-317-6696

**Re: Invoice #106 Date: March 13, 2013**
## Invoice

**Bill To:**
- Name: Dru Montrail
- Address: 7539 Clark Road
- City: East Lansing, Michigan 48824
- Phone: 517-432-0712
- SSN: XXX-XX-4713

**For:**
Michigan Food and Farming Systems

### Description of Services

<table>
<thead>
<tr>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,537.00</td>
<td>For services provided October 2009 through December 2010 for the SBCG GAP Workshops 11/10/11 - 1/10/12</td>
</tr>
<tr>
<td>$1,404.00</td>
<td>For 2009-2011 FFVP Professional Development Services provided December 2009-02/03-10/07/11</td>
</tr>
<tr>
<td>$980.00</td>
<td>For FMNA services provided December 2010 (based on 10 hours/week)</td>
</tr>
</tbody>
</table>

**Total:** $5,921.00

---

**.contractual Work**

- For Michigan Farmers Market Association

---

**Date:** 12/13/2010

**Invoice #:** 532

---

**Thank You**

Make all checks payable to Dru Montrail. If you have any questions concerning this invoice, contact Dru at [email protected]
$300.00

Balance Due

Total

01/15/2011

Make check payable to MSU Extension - Jackson County.

2/9 and 2/15/2010

Fee for guest speaker, Phil Tocca, at CAPS training 2/2.

NEW AG VENTURES

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Amount</th>
<th>Rate</th>
<th>Description</th>
<th>Terms</th>
<th>Deposited To</th>
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</thead>
<tbody>
<tr>
<td>$300.00</td>
<td>9.2%</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

NET 30 DAYS

175 Lansing Avenue, Suite 257
Jackson, MI 49202-2193

MSUE - Jackson County

11/25

Date

Invoice #

4/19/2010

EXTENSION
UNIVERSITY
MICHIGAN STATE

Bill To

East Lansing, MI 48824
112 Natural Resources Building
Michigan Food & Farming Systems
# Michigan Food and Farming Systems - Expense Report

**Purpose:**
Travel to Speak at MIFFS GAP Workshops

**PERSONAL INFORMATION:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phil Tocco</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>1715 Lansing Ave, Jackson MI 49202</td>
</tr>
</tbody>
</table>

**PAY PERIOD:**
From 2/1/2010 to 2/16/2010

<table>
<thead>
<tr>
<th>Date</th>
<th>Project (office use)</th>
<th>Account (office use)</th>
<th>Description</th>
<th>Meals/Tips</th>
<th>Lodging</th>
<th>Plane/Taxi</th>
<th>Other</th>
<th>Trip Miles (enter miles)</th>
<th>Mileage (will calculate automatically)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/2/2010</td>
<td>01-14</td>
<td>8310</td>
<td>Jackson to Hart &amp; Return</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>356</td>
<td>$178.00</td>
<td>$178.00</td>
</tr>
<tr>
<td>2/16/2010</td>
<td></td>
<td></td>
<td>Jackson to Detroit &amp; Return</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>155</td>
<td>$77.50</td>
<td>$77.50</td>
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</table>

**Signature:**

**The above expenses are actual and true.**

**Approved:**

**Less Advance:**

**Total Due:**

$365.00