## INSIDE THIS EDITION

- 2016 Northwest Michigan Orchard & Vineyard Show
- Mailing list update (see insert)
- 2016 AG-Employer Meeting
- Pesticide Re-Certification Exam Schedule
- Ag-Employer Meeting Registration
- Calf Care School (see insert)
- 2016 West Michigan Ag Labor Meeting (see insert)

## EXTENSION CALENDAR

### WINTER 2016

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 14, 2016</td>
<td>Pesticide Re-certification Exam West Shore ESD (formerly Oceana ISD) Building, Griswold Street, Hart, MI</td>
</tr>
<tr>
<td>January 19, 2016</td>
<td>2016 West Michigan Ag Employer Meeting Hart United Methodist Church, Hart, MI</td>
</tr>
<tr>
<td>January 27, 2016</td>
<td>Calf Care School Fremont Area District Library Community Room 9:30 a.m.—3:30 p.m. See insert</td>
</tr>
<tr>
<td>February 12, 2016</td>
<td>Core Manual/RUP Review &amp; Test Ottawa Co. Fillmore Complex, 12130 Fillmore St., West Olive, MI 9:00 a.m.—12 noon—Review 1:00 p.m.—Exam</td>
</tr>
<tr>
<td>February 17, 2016</td>
<td>Pesticide Recertification Exam Ludington Airport, Ludington, 1:00 p.m.</td>
</tr>
<tr>
<td>February 25, 2016</td>
<td>Optimizing Dairy Farm Profit Falmouth, MI 10 a.m.—3 p.m.</td>
</tr>
<tr>
<td>March 10, 2016</td>
<td>Oceana Asparagus Day New Era Reformed Church, New Era, MI</td>
</tr>
<tr>
<td>March 11, 2016</td>
<td>Core Manual/RUP Review &amp; Test Fremont District Library Community, Fremont, MI 10 a.m.—12 noon - Review Session 1:30 p.m.—Exam</td>
</tr>
<tr>
<td>March 15, 2016</td>
<td>Pesticide Re-certification Exam West Shore ESD (formerly Oceana ISD) Building, Griswold Street, Hart, MI 7:00 p.m.</td>
</tr>
</tbody>
</table>

Ben Werling  
West MI Vegetable Educator

Curtis Talley Jr.  
Farm Management Educator

Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status, or veteran status.
2015 NORTHWEST MICHIGAN ORCHARD & VINEYARD SHOW
JANUARY 12-13, 2016
GRAND TRAVERSE RESORT & SPA,
100 GRAND TRAVERSE RESORT VILLAGE BOULEVARD
ACME, MI

This year’s program will begin on Tuesday, January 12th with the following topics to be covered: Current tree fruit research, Over the Row Harvester in high density tart cherries, research on SWD, update on tree fruit MRL’s and cherry biopesticides, apple and cherry disease update, revisions to the Cost of Producing Tart Cherries in Northwest Michigan and nursery tree shortages. Concurrent to these topics will be sessions on grapes and wine that include cold hardiness, Michigan Sustainable Wine Feasibility Study update and alternative options for floor management in vineyards.

Wednesday sessions will include marking updates, how growers can share labor, why you should care about the Brown Marmorated Stink Bug and Spotted Wing Drosophila research and trapping information. Concurrent sessions on Wednesday will focus on Saskatoon Berry information.

The registration fee is $35/person for both days. The Fruit Industry Luncheon on January 12th is $20. The CMI Luncheon on January 13th is free to cherry growers who have pre-registered with CMI.

Event sponsors include the Grand Traverse Fruit Growers’ Council, Cherry Marketing Institute, Michigan State Horticultural Society, Parallel 45 Vines & Wines Inc., Michigan State University Extension, and Michigan State University AgBioResearch.

Registration & Contact: Northwest Michigan Horticulture Research Station at 231-946-1510.

MAILING LIST UPDATE

It is that time again to update our mailing list. We have enclosed the mailing list update form and would ask that you please take a few minutes to provide us with your mailing information, areas of interest and indicate if you would like your name protected from Freedom of Information requests. If you could return the mailing list form either via mail, fax (231-873-3710) or email at walicki@anr.msu.edu before March 1st, we would appreciate it. If you have any questions, please feel free to give us a call. We are required to show that we have requested updates to our mailing list to maintain our bulk mailing permit.
2016 AG-EMPLOYER MEETING  
JANUARY 19, 2015  
HART UNITED METHODIST CHURCH  
308 S. STATE ST., HART

TENTATIVE AGENDA

8:30 a.m.  
Registration & Refreshments

9:00 a.m.  
Using the MSU Extension Ag Labor Checklist When Hiring Workers  
Learn how to use the newly revised “checklist” tool to assist employers in following proper steps  
when hiring and employing workers for your farm.  
Dr. Adam Kantrovich, MSU Extension

9:45 a.m.  
Migrant Labor Housing Update  
Steve Wagstaff, Migrant Housing Inspector, Michigan Department of Agricultural & Rural Development.

10:15 a.m.  
Break

10:30 a.m.  
Affordable Care Act Update  
Where we are now, a summary of the employer mandate and the tax reporting requirement as it  
relates to the Affordable Care Act.  
Dr. Adam Kantrovich, MSU Extension

11:00 a.m.  
Keys to Successfully Motivating Employees  
Lean principles of employee motivation, using them to get the best out of your employees, and  
how incentives can enhance motivation.  
Dr. Corey Risch, Department of Agricultural Food & Resources Economics, MSU

11:45 a.m.  
Lunch

12:30 p.m.  
Unemployment Reporting & Child Labor Law—Issues faced by Ag-Employers  
Richard Hooker, Varnum LLP

1:30 p.m.  
Worker Protection Standards Changes for 2016  
The EPA has approved changes to the WPS rules, hear how they will impact your farm and em- 
ployees. An overall review on WPS will be presented as well.  
John Stone, Michigan State University

2:15 p.m.  
MIOSHA Injury Reporting Process Changes & Farm Safety Update  
*Effective September 1, 2015, MIOSHA implemented new work-related injury reporting require- 
ments in response to Federal OSHA injury reporting requirement changes.  
* New injury conditions must be reported within 8 hours to the new Injury Reporting Hotline (800#)  
* A few family farm injury reporting scenarios will be discussed.  
Deb Chester, Occupational & Environmental Medicine, MSU

3:30 p.m.  
Adjourn

Pesticide recertification credits will be requested for the afternoon sessions.
PESTICIDE CERTIFICATION TEST DATES

The Michigan Department of Agriculture & Rural Development (MDARD) will be giving the Pesticide Certification Test in Oceana County and surrounding counties during the 2016 winter and spring season. Pesticide certification is necessary for anyone who wants to buy pesticides that are listed as Restricted Use (RUP) by the Environmental Protection Agency. Certification may also be necessary if you plan to apply general use pesticides commercially.

There are two dates sets for Oceana County on Thursday, January 14, 2016 at 1:30 p.m. at the West Shore ESD Building (former Oceana ISD) on Griswold Street in Hart and on Tuesday, March 15, 2016 at 7:00 p.m. at the same location. MDARD reserves the right to cancel any test that does not have at least 20 people enrolled, so it is important that you pre-register at least one week prior to the test date. Registration is online at the MDA website www.michigan.gov/pestexam.

People who are planning to take a renewal test should bring the paperwork sent to them by MDARD to the testing site. The testing fees are $50 for private certification and $75 for commercial certification. Payment must be made by check or money order at the testing site. NO CASH! You are also encouraged to bring a calculator on the day of the test.

Study manuals maybe obtained at your local MSU Extension Office at a cost of $30 or ordered online through the MSU Stores at http://shop.msu.edu. There is one manual for private applicators and one for commercial applicators. Also if you will be renewing a special category, please allow time in case these manuals need to be ordered.

If the Oceana County date and time is not convenient for you, below is a table of the testing dates, times and locations in the surrounding area. By visiting the MDARD website you can find a complete listing of all tests being offered this winter/spring season throughout the state.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>County</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/14/16</td>
<td>1:30 p.m.</td>
<td>Oceana</td>
<td>West Shore ESD 844 Griswold Street, Hart</td>
</tr>
<tr>
<td>2/12/16</td>
<td>9 a.m.—12 noon</td>
<td>Ottawa</td>
<td>Ottawa Co. Admin. Bldg., 12220 Fillmore Street Main Conference Room, West Olive, MI</td>
</tr>
<tr>
<td>Review Session  * $20 fee</td>
<td></td>
<td></td>
<td>To Register contact—Ottawa MSU Extension at 616-994-4544</td>
</tr>
<tr>
<td>2/12/16</td>
<td>1:00 p.m.</td>
<td>Ottawa</td>
<td>Ottawa Co. Admin. Bldg., 12220 Fillmore Street Main Conference Room, West Olive, MI</td>
</tr>
<tr>
<td>2/17/16</td>
<td>1:00 p.m.</td>
<td>Mason</td>
<td>Ludington Airport 5300 W. US 10, Ludington</td>
</tr>
<tr>
<td>2/19/16</td>
<td>9 a.m.—12 noon</td>
<td>Montcalm</td>
<td>MSU Extension—Montcalm To register—contact Montcalm MSU Extension at 989-831-7500</td>
</tr>
<tr>
<td>Review Session  * $20 fee</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2/19/16</td>
<td>1:00 p.m.</td>
<td>Montcalm</td>
<td>Sidney Township Hall, 3019 S. Grow Road, Sidney</td>
</tr>
<tr>
<td>3/11/16</td>
<td>10 a.m.—1 p.m.</td>
<td>Newaygo</td>
<td>Fremont Area District Library Community Room, Fremont</td>
</tr>
<tr>
<td>Review Session  * $20 fee</td>
<td></td>
<td></td>
<td>To Register call—Montcalm MSU Extension at 989-831-7500</td>
</tr>
<tr>
<td>3/11/16</td>
<td>1:30 p.m.</td>
<td>Newaygo</td>
<td>Fremont Area District Library 104 E. Main St., Community Room, Fremont</td>
</tr>
<tr>
<td>3/15/16</td>
<td>7:00 p.m.</td>
<td>Oceana</td>
<td>West Shore ESD 844 Griswold Street, Hart</td>
</tr>
</tbody>
</table>
Mailing List Update!

In order to keep our records up-to-date, we are asking you to complete the form below and return it to the MSU Extension Office. We have added the Freedom of Information Act Statement for anyone who would like their name and address protected from being distributed to anyone requesting our mailing list under the Freedom of Information Act. By re-folding the form and affixing the proper postage you can simply drop it in the mail. We have provided the return address on the outside. Thank you for your time and cooperation.

Name ___________________________ Phone number ( ) ______________________

Company Name ___________________________ County _________________

Complete Mailing Address ____________________________________________

City ___________________________ State ____________ Zip ____________

Email address _______________________________________________________

Please mark one of the following: _____ YES, please keep my name on the mailing list to received the Extension News

_____ NO, please remove my name

Please indicate your agriculture connection: Grower ______ Ag Support Person ______

Please indicate any agriculture related businesses: ____ Farm Market ____ Packing Shed

____ Food Processor ____ Consultant

Areas of Interest: Please mark all areas of interest:

Fruit: _______________________________________________________________

____ Apples ______ Apricots ______ Blackberries ______ Blueberries ______ Cherries ______ Cranberries ______ Grapes ______ Peaches ______ Pears ______ Plums ______ Raspberries ______ Strawberries

Vegetable: __________________________________________________________

____ Asparagus ______ Asparagus Crowns ______ Carrots ______ Cole Crops ______ Melons ______ Peppers ______ Pickles ______ Potatoes ______ Pumpkins ______ Root Crops ______ Snap Beans ______ Squash ______ Sweet Corn ______ Zucchini

Field Crops: _________________________________________________________

____ Corn – Grain ______ Corn ______ Dry Beans ______ Hay/Pasture ______ No-Till ______ Oats ______ Rye ______ Sugar Beets ______ Soybeans ______ Wheat

Animal: ____________________________________________________________

____ Beef (cow-calf) ______ Beef (feed-lot) ______ Dairy ______ Goats ______ Horses ______ Poultry ______ Sheep ______ Swine

Forestry: ____________________________________________________________

____ Forestry ______ Christmas Trees ______ Nursery:

____ Greenhouse ______ Landscaping ______ Nursery

Freedom of Information Act Waiver

I am providing you with my mailing address so that I may receive Oceana County MSU Extension mailings only. I do not want my address released to any other party.

I understand that I may cancel this restriction at any time by writing the Oceana County MSU Extension.

Signature ___________________________ Date ______________________

Signature of Parent (if 4-Her) ___________________________ Date ______________________

Return to: Oceana MSU Extension * 210 Johnson St. * Hart, MI 49420

or fax: 231-873-3710
2016 West Michigan Ag Labor Meeting

Thursday, February 25, 2016
9:00 a.m. – 2:15 p.m.

English Hills Country Club & Banquet Hall
1200 Four Mile Road NW
Walker, MI 49544

NEW!
Register Online at:
http://events.anr.msu.edu/WestMIAgLabor2016/

Questions? Contact: Amy Irish-Brown
Phone: 616-632-7891
Email: irisha@anr.msu.edu

Table Top Displays/Information

Many organizations will have literature describing the services they provide to employers and workers. Please visit them at the break or during the lunch hour.

Sponsored by:
MICHIGAN STATE UNIVERSITY Extension

MAP

To Sparta
N

Four Mile Road

Muskegon
M-37 (Alpine Ave)

English Hills Country Club
1200 4 Mile Rd NW
Walker, MI

I-96
Grand Rapids

To Downtown Grand Rapids

NEW!
Register Online at:
http://events.anr.msu.edu/WestMIAgLabor2016/

MSU is an affirmative-action, equal opportunity institution. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status.

Accommodations for persons with disabilities may be requested by calling the local extension office one week prior to the event to ensure sufficient time to make arrangements.

Sponsored by:
MICHIGAN STATE UNIVERSITY Extension
Program Description
Understanding and complying with Farm Labor Laws has become increasingly more difficult due to the changes in the laws and the numbers of issues facing farm employers. The 2016 West Michigan Ag Labor meeting will assist you, the Ag employer, in understanding issues impacting you and your employees. It also is an update on labor regulations that impact farms. This program was planned with input from area growers representing all types of farms in the West Michigan area.

Workshop Agenda

8:30 a.m.  Registration and Visit Agencies’ Display Tables

9:00 a.m.  Using the MSU Extension Ag Labor Checklist When Hiring Workers
Learn how to use the newly revised “checklist” tool to assist employers in following the proper steps when hiring and employing workers for your farm.
Dr. Adam Kantrovich, MSU Extension

9:45 a.m.  Potential Sources of Labor for Farmers... Are These in Your Future?
Finding workers has become more difficult in the past couple of seasons. Learn about some techniques to find sources of potential employees for your operation.
Thomas Dudek, MSU Extension

10:00 a.m.  What you need to consider if the H-2A program is in your plans for labor including tax ramifications for the employee and the employer.
H-2A workers are becoming more prevalent on some Michigan farms. A basic overview of the H-2A program, items you need to consider, and tax issues if you use this system as a source of labor in the future.
Amy Irish-Brown and Dr. Adam Kantrovich, MSU Extension

10:15 a.m.  MIOSHA Injury Reporting Process Changes
• Effective September 1, 2015, MIOSHA implemented new work-related injury reporting requirements in response to Federal OSHA injury reporting requirement changes.
• New injury conditions must be reported within 8 hours to the new Injury Reporting Hotline (800#).
• A few family farm injury reporting scenarios will be discussed.
Deb Chester, Occupational and Environmental Medicine, Michigan State University

10:30 a.m.  Break and Visit Agencies’ Display Tables

10:45 a.m.  Worker Protection Standards Changes for 2016
The EPA has approved changes to the WPS rules, hear how they will impact your farm and employees. An overall review on WPS will be presented as well.
Jennifer Reay, Michigan Department of Agriculture and Rural Development

11:15 a.m.  Changes in Migrant Housing Rules for the 2016 Season
Receive an update on what rule changes are now in place for agriculture labor housing and what you need to know to maintain your labor camp license.
Robert Bausick, Michigan Department of Agriculture and Rural Development

11:45 a.m.  Lunch

1:00 p.m.  Affordable Care Act Update
Where we are now, a summary of the employer mandate and the tax reporting requirement as it relates to the Affordable Care Act.
Dr. Adam Kantrovich, MSU Extension

1:30 p.m.  Keys to Successfully Motivating Employees
Learn principles of employee motivation, using them to get the best out of your employees, and how incentives can enhance motivation.
Dr. Cory Risch, Department of Agricultural Food and Resource Economics, MSU

2:15 p.m.  Adjourn

Registration Form
2016 West Michigan Ag Labor Meeting
February 25, 2016

Cost: $45.00 per person
(includes all materials, breaks and lunch)

NEW! Register online at:
http://events.anr.msu.edu/WestMIAgLabor2016/
Or

Mail In Registration

Participant Name(s): (please print):
1) ____________________________
2) ____________________________
3) ____________________________

Business Name & Address:

County: ____________________________

Email: ____________________________

Phone: ____________________________

To register by mail, mail this registration form and payment by February 18, 2016 to:
West Michigan Ag Labor
MSU Extension Kent County
775 Ball AVE NE
Grand Rapids, MI 49503

Make Check Payable to:
Michigan State University
Calf Care School Registration
Register by January 21, 2016

Name

Street Address

City, State Zip

County

Phone

E-mail

Additional Attendees

Additional Attendees

_____ Attending x $35 = ______

Make Check Payable and Mail to:
MSU Extension

Clinton County MSU Extension
100 E. State St, Ste. G100
St. Johns, MI 48879
Calf Care School

Calf Care School is a one-day school jam-packed with useful information and training that can be implemented on any dairy farm. Participants will learn and/or review concepts and skills associated with profitable calf management from birth to the transition period.

WHEN
Wednesday, January 27, 2016
9:30 a.m. - 3:30 p.m.

WHERE
Fremont Area District Library
104 E Main Street
Fremont, MI

WHO SHOULD PARTICIPATE?
Anyone who cares for dairy calves

HOW MUCH
$35 per person
(includes lunch, notebook & instructional materials)

HOW TO REGISTER
Return completed registration form with payment by January 21 to Clinton County MSU Extension or register online at: events.anr.msu.edu/DairyCalfCareFremont

FOR MORE INFORMATION
Faith Cullens
(989) 224-5249 | cullensf@msu.edu
or
Kathy Lee
(231) 839-5850 | leeka@msu.edu

TOPICS
• Newborn Calf Care
• Colostrum Management
• Using a Refractometer
• Monitoring Passive Transfer
• Milk/Milk Replacer Feeding
• Dry Feed & Water
• Basic Calf Nutrition
• Calf Housing
• Dehorning
• Electrolytes
• Weaning
• Monitoring Performance
• Maintaining Records
• Early Transition Period

PROGRAM SPEAKERS
Faith Cullens
Kathy Lee
Maddie Culbertson

Successful Calf Management

The mere survival of a calf is by no means a good indicator of a successful calf management program. A heifer calf should be raised to her maximum potential so that she can make a maximal contribution to your farm's profitability as a lactating cow. The profitability of your cows will depend on proper management of them as heifers.

The Michigan State University Extension Calf Care School is an excellent opportunity to develop and refine any caregiver's skills for raising dairy calves. The program's emphasis is placed on the practical application of the current science-based knowledge available.

MSU is an affirmative-action, equal-opportunity employer, committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status. Persons with disabilities have the right to request and receive reasonable accommodations.

Accommodations for persons with disabilities may be requested by contacting Faith Cullens at 989-224-5249 by January 13 to make arrangements. Requests received after this date will be fulfilled when possible.