

Northern Michigan FruitNet 2015

Northwest Michigan Horticultural Research Center

Weekly Update

February 3, 2015

CALENDAR OF EVENTS

- | | |
|----------------|--|
| 2/3-4/7 | Agripreneur Class Series
Northwest Michigan Works!
1209 S. Garfield Avenue, Traverse City |
| 2/10 | Northern Grapes Project Webinar |
| 2/12 | West Michigan Agriculture Employers Meeting
Hart |
| 2/18-20 | MSU Tree Fruit IPM School
The Eberhard Center, Grand Rapids |
| 2/26 | Pesticide Applicators Training & Exam
Central Lake District Library |
| 3/4 | Winery Development Pre-Conference
MSU – Kellogg Hotel & Conference Center |
| 3/4-6 | Michigan Grape & Wine Conference
MSU – Kellogg Hotel & Conference Center |
| 3/14 | Midwest Nut Producers Council Annual Meeting
Clarksville Experiment Station |
| 3/26 | Labor Meeting
NWMHRC |
| 4/10-11 | Great Lakes Hop and Barley Conference
Grand Rapids |
| 4/18 | Healthy Forests – Caring for Our Trees
Grand Traverse Conservation District |

PESTICIDE APPLICATORS' TRAINING AND EXAM

Morning Training Seminar

There will be a Pesticide Applicators Training Seminar on **Thursday, February 26th**, 2015 at the Central Lake District Library located at 7900 Maple Street; Central Lake, MI 49622. The program will begin at 8:00 AM and run until 12:00 PM. Lunch will not be provided. Participants will review the Core Applicators Manual with MSU Extension Agriculture Educator James DeDecker. This seminar is an excellent opportunity to prepare for the MDARD Pesticide Applicator Examination. Participants may also claim four MDARD Pesticide Recertification Credits in the Private Core or Commercial Core categories.

The charge for attending this program is \$20. Pre-registration is required. Contact James DeDecker, Extension Educator Presque Isle County at 989-734-2168 more information and to register. Accommodations for persons with disabilities may be requested by calling the Presque Isle MSUE office at 989-734-2168 **by Feb. 19th**, 2015 to ensure sufficient time to make arrangements. Requests made after this date will be met when possible.

Afternoon MDARD Exam

There will be a MDARD Pesticide Applicator Exam offered on Thursday February 26th, 2015 at the Central Lake District Library located at 7900 Maple Street; Central Lake, MI 49622. The exam will begin at 1:00 PM and run until exams are complete. Participants may take either the Private Applicator or Commercial Applicator Exams.

The charge for this exam session is \$50 for Private Applicators and \$75 for Commercial Applicators. Pre-registration is required. Visit www.michigan.gov/pestexam or call 1-800-292-3939 to register. Bring a check to the exam payable to "State of Michigan". Contact James DeDecker, Extension Educator Presque Isle County at 989-734-2168 more information. Accommodations for persons with disabilities may be requested by calling the Presque Isle MSUE office at 989-734-2168 by Feb. 19th, 2015 to ensure sufficient time to make arrangements. Requests made after this date will be met when possible.

SAVE THE DATE FOR ANNUAL AG LABOR MEETING

Mark your calendar for **Thursday, March 26th** for this year's ag labor meeting. Details will be included in future FruitNet reports.

2015 MICHIGAN FRUIT MANAGEMENT GUIDES NOW AVAILABLE

Growers interested in purchasing the 2015 *Michigan Fruit Management Guide*, can find them at their county MSU Extension office or NW Michigan Horticultural Research Center for \$25 or a downloadable pdf is available for \$20 by visiting the MSU Bookstore at http://shop.msu.edu/product_p/bulletin-e0154.htm.

2015 TREE FRUIT SCHOOL, FEBRUARY 18-20, EBERHARD CENTER IN GRAND RAPIDS, MI

The 2015 Tree Fruit School is just two weeks away and the deadline for online registration (<http://events.anr.msu.edu/TreeFruitIPMSchool>) at a rate of \$225 per person is **Feb. 13**. Only onsite registration at \$275 per person is available after Feb 13. If you need assistance registering online, please call Jackie Baase or Emily Pochubay at 231-946-1510. For more program information, visit <http://events.anr.msu.edu/TreeFruitIPMSchool>.

Registration includes breakfast, lunch and breaks on Wednesday and Thursday, breakfast and breaks on Friday, and a binder with all course materials. Dinner and lodging are on your own. A block of rooms have been reserved at the Holiday Inn Downtown Grand Rapids, 310 Pearl St NW, Grand Rapids, MI 49504 at a rate of \$115 per night.

Certified Crop Advisor Credits and Pesticide Applicator Recertification Credits (RUP) will be available.

CONSIDERING A NEW WINERY OR HARD CIDER BUSINESS? ATTEND THE MARCH WINERY DEVELOPMENT PRE-CONFERENCE

Prospective winery licensees can learn to start a Michigan winery at the one-day winery development conference on March 4, 2015 at Michigan State University.

Posted on **December 31, 2014**, MSUE News, by [Joanne Davidhizar](#), Michigan State University, MSU Product Center



With winery numbers now over 100, the state's winery industry continues to grow, as do hard cider operations, which are licensed as wineries in Michigan. To assist potential entrepreneurs in understanding the elements of a successful winery business launch, a one-day winery development pre-conference will be held March 4 in association with the [2015 Michigan Grape](#)

[& Wine Conference](#). The session will be held 10 a.m. to 3 p.m. at the Kellogg Hotel and Conference Center; Michigan State University, East Lansing, MI 48824.

Pre-conference sponsors, [Michigan Grape & Wine Industry Council](#), [Michigan Department of Agriculture & Rural Development](#), and [Michigan State University Extension](#), will provide basic information about starting a winery in Michigan. Topics include wine grape suitability, industry trends, business planning, marketing, licensing requirements, local zoning considerations, owner experiences and resources.

Nearly 90 percent of participants in a 2013 winery development conference lead by these partners felt that the session helped with their decision to start a winery. These attendees took action toward starting 12 wineries, and investing upward of \$4.6 million. All indicated that the conference met their educational needs.

For more information or to the register for the session, go to: www.michiganwines.com/conference. The pre-conference registration fee is \$80 per person before February 13, 2015 or \$100 per person after the early registration date. Participants are invited to attend the full conference March 4-5, 2015 to further their learning and networking opportunities.

This article was published by [Michigan State University Extension](#). For more information, visit <http://www.msue.msu.edu>. To have a digest of information delivered straight to your email inbox, visit <http://bit.ly/MSUENews>. To contact an expert in your area, visit <http://expert.msue.msu.edu>, or call 888-MSUE4MI (888-678-3464).

UPCOMING NORTHERN GRAPES PROJECT PRESENTATION ON TRAINING SYSTEMS

Vertical shoot positioning and top wire cordon training systems for hybrid grape vines will be discussed during the Northern Grapes Project webinar on Feb. 10, 2015.

Posted on **January 26, 2015**, MSUE News, by [Brad Baughman](#), Michigan State University Extension



Top wire cordon training system.

Interested hybrid grape vine growers will benefit from tuning into an upcoming free webinar, “[Comparing and Contrasting Vertical Shoot Positioning and Top Wire Cordon Training Systems](#),” hosted by the [Northern Grapes Project](#), on Feb. 10, 2015. This webinar is intended for both new and established grape growers.

Speakers will be Bob Utter of [Flying Otter Vineyard and Winery](#) in Adrian, Michigan; John Thull of the [University of Minnesota](#); and [Tim Martinson](#) of [Cornell University](#). The advantages and disadvantages of the two most commonly used training systems will be discussed as well as how to convert vines from one system to the other. There will also be discussion of training system trials done at Cornell University with two super-hardy hybrids, Marquette and Frontenac.



[Vertical shoot positioning training system.](#)

All [Northern Grapes Project](#) webinars are offered twice, 12 p.m. and 7 p.m. EST. Attendees are encouraged to bring questions or comments on their experience with the two training systems with hybrid grapes.

Webinars are a way for people to do live presentations of information remotely to anyone with a high-speed Internet connection, an email address and working speakers. Attendees need only [register online](#). All who registered will be sent a URL in advance of the event; the URL can be pasted into any web browser. Slides will be shown on-screen with speakers coming through the audio, and a chat box in the corner will allow anyone watching to post questions during the presentation or afterwards.

Two additional webinars are scheduled for this year's [Northern Grapes Project](#) webinar series. “Tannin Addition and Retention in Red Hybrid Wines” by [Anna Katharine Mansfield](#) of Cornell University will take place March 10, and “Branding Studies for Cold Climate Wines” by [Bill Gartner](#) of the [University of Minnesota](#) will be April 15. To join the Northern Grapes Project mailing list to stay updated on future webinars, send an email on their [Contact Us page](#).

This article was published by [Michigan State University Extension](#). For more information, visit <http://www.msue.msu.edu>. To have a digest of information delivered straight to your email inbox, visit <http://bit.ly/MSUENews>. To contact an expert in your area, visit <http://expert.msue.msu.edu>, or call 888-MSUE4MI (888-678-3464).

2015 WEST MICHIGAN AGRICULTURE EMPLOYER MEETING

Date: February 12, 2015

Time: 8 a.m. - 3:30 p.m.

Location: 308 South State Street, Hart, MI 49420

Contact: Ben Werling, werlingb@msu.edu, 231-873-2129

This workshop aims to help West Michigan's agricultural employers meet farm labor regulations and provide education about alternative sources of farm workers. Presenters will address different ways growers can locate labor, including H2A, the newly improved Agricultural Recruitment System and labor contractors. Speakers will also provide updates on compliance with employer regulations, including an update from the Department of Homeland Security, how to ready housing for H2A, small employer health plans under the Affordable Health Care Act and on-farm issues to address to ensure compliance with DOL regulations. Michigan Works and Telamon will also discuss resources they can provide for local employers.

The cost of the workshop is \$15 and includes all conference materials, morning refreshments and lunch. Please use the [attached form](#) to register, or contact Kathryn Walicki at 231-873-2129.

2015 GREAT LAKES HOP AND BARLEY CONFERENCE ANNOUNCED

Save the date: April 10-11, 2015 in Grand Rapids, Michigan.

Posted on **January 21, 2015, MSUE News**, by [Rob Sirrine](#), Erin Lizotte and Ashley McFarland, Michigan State University Extension

[Michigan State University Extension](#) is pleased to announce the dates for the 2015 Great Lakes Hop and Barley Conference. The two-day conference will be held Friday and Saturday, April 10-11 in Grand Rapids, Michigan.

The conference will feature separate basic and advanced sessions for hop growers as well as a barley session and malting tour and is designed for both growers and brewers. Several prominent speakers from around the country will be on hand to discuss: market outlook, horticultural practices, pest and disease control, harvest and post-harvest practices, nutrient management, and more.

There will also be a brewer/grower networking session that focuses on hop quality. The session will provide growers with a better idea of quality requirements and help align the supply of Michigan grown hops with brewer needs.

The conference is sponsored in part by the [Michigan Brewer's Guild](#), [ISLAND](#), [Greenstone Farm Credit Services](#), [MSU PROJECT GREENE](#), among others.

Please continue to visit [Michigan State University Extension](#), [Michigan State University Extension Hops Webpage](#), and the [Michigan State University Hops News Facebook](#) page for up to date information.

Finally, please sign up for the new MSU Hop listserv for a lively interactive discussion of all things hop related. To subscribe:

1. Send an email to: listserv@list.msu.edu
2. Leave the "subject" line blank
3. In the body of the email type: SUBSCRIBE Hops
4. You will receive a confirmation email directing you to click on a link (this is to avoid spammers). Click on the link.

To send an email to the list once you have joined, just send it to: hops@list.msu.edu

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WELCOME TO THE ONLINE INTEGRATED PEST MANAGEMENT ACADEMY!

Online Integrated Pest Management Academy Webinars

The following prerecorded webinars are available for viewing at any time. Simply click on the webinar titles of your choice. A number of new webinars will be added over the coming months, so check back periodically for new content. Pesticide recertification credits for Michigan applicators are available for completing these webinars.

Directions for claiming pesticide recertification credits (as of 12-18-14)

Viewers may earn one Michigan pesticide recertification credit for every two webinars viewed for up to five credits total. In order to earn the credits, users must view the webinars in their entirety. Each webinar includes a survey before and after the webinar that must be completed. Once you have viewed all of the webinars for which you would like to request credits, **you must fill out the following form:** [Pesticide Recertification Requests](#). Be prepared to provide the following information:

- Name, phone number and email
- Applicator number
- Credit preference (Private or commercial CORE)
- The date AND time of webinar completion

You may only claim credits once annually and once per webinar (repeat viewing for credits is not allowed nor are multiple requests for credits). You must click through the surveys to view the webinar, but participation in answering is voluntary. Questions? Call or email Carol Blake at 231-779-9480 or cblake@msu.edu.

Click on the titles below to view the described webinar:

NEW: [Hop IPM](#)

Learn about hop pests in Michigan including how to scout and manage against them. This webinar also discusses potential beneficial insects and how to support them.

NEW: [What's wrong with my vegetable plants?](#)

Learn what can cause pest and disease issues in vegetable production and resources to help you properly identify and treat the cause.

NEW: [Chestnut IPM](#)

Learn about integrated pest management in chestnuts, pesticide considerations and potential invasive pests of orchards in Michigan.

[Introduction to Integrated Pest Management](#)

Learn about the history of pest management, the evolution of integrated pest management (IPM) and the tenants that define implementation in the field.

[Integrated Pest Management Resources](#)

Learn about the integrated pest management resources Michigan State University and Extension have to offer agricultural producers.

[Entomology 101](#)

In this compact primer on insects learn the vocabulary to help you properly identify insects and better understand the role of insects in the world.

[Plant Pathology 101](#)

This introductory webinar covers the basics of plant pathogens and introduces viewers to the some popular control methods.

[Soil Science 101](#)

This webinar highlights the importance of soil characteristics and their potential impacts on agricultural producers. Due to some technical difficulties, you must follow this link, http://www.surveymonkey.com/s/Soil_Science_101, after viewing the webinar to complete a post-webinar survey. Remember you must at least click through the survey to request pesticide recertification credits. Thank you for your cooperation.

[Plant Science 101](#)

Learn the basics of plant anatomy and physiology—particularly handy for those who struggle with weed identification. Due to some technical difficulties, you must follow this link, http://www.surveymonkey.com/s/Plant_Science_101, after viewing the webinar to complete a

post-webinar survey. Remember you must at least click through the survey to request pesticide recertification credits. Thank you for your cooperation.

Pesticides 101

An introduction to mode of action, pesticide resistance and factors that impact whether pesticides are effective.

Insect Scouting in Fruit Crops

This primer offers a fruit-specific module on how insect scouting occurs in the real world based.



This program is supported in part by [North Central Region - Sustainable Agriculture Research and Education](#) (NCR-SARE), and the [National Institute of Food and Agriculture](#), U.S. Department of Agriculture, under Agreement No. 2013-41534-21068. Any opinions, findings, conclusions, or recommendations expressed are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.

WEB SITES OF INTEREST:

Insect and disease predictive information is available at:

<http://enviroweather.msu.edu/homeMap.php>

This issue and past issues of the weekly FruitNet report are posted on our website

http://agbioresearch.msu.edu/centers/nwmihort/nwmihort_northern_michigan_fruit_net

60 Hour Forecast

<http://www.agweather.geo.msu.edu/agwx/forecasts/fcst.asp?fileid=fous46ktvc>

Information on cherries is available at the new cherry website

<http://www.cherries.msu.edu/>

Information on apples

<http://apples.msu.edu/>

Fruit CAT Alert Reports has moved to MSU News

<http://news.msue.msu.edu>