Northern Michigan FruitNet 2013
Northwest Michigan Horticultural Research Center

Weekly Update
January 8, 2014

CALENDAR OF EVENTS

2014

1/14-15  NW Michigan Orchard & Vineyard Show
          Grand Traverse Resort

1/20      Small Farm Conference Registration Deadline

2/1       Small Farm Conference
          Grand Traverse Resort

2/5-6     SW Michigan Horticulture Days
          Lake Michigan College’s Mendel Center
          Near Benton Harbor

2/18-19   IPM Academy

1/21-22   Michigan Wine Grape Vineyard Establishment Conf

2/22-26   IFTA Conference
          Kelowna, British Columbia

2/27-3/1  IFTA Post Conference Tours

2/24-26   Michigan Grape & Wine Conference

2/27-3/1  25th Moses Organic Farming Conference
          LaCrosse, WI
          www.mosesorganic.org
Scholarship Opportunity to Attend the 2014 IFTA Annual Conference

The Northwest Michigan Horticultural Research Foundation (NWMHRF) Board is pleased to announce five $1,000 scholarships for area growers to attend the upcoming 57th Annual International Fruit Tree Association (IFTA) conference in Kelowna, British Columbia. By attending the IFTA Annual Conference, we hope growers will gain valuable knowledge, see new and innovative products, learn the latest research and see firsthand how tree fruit growers in British Columbia (and the Pacific Northwest) operate. The dates for the 2014 Intensive Workshop and Conference are February 22-26 with post conference tour options on February 27-March 1.

To apply for this scholarship, interested growers should write a letter of request stating why they would like to attend this meeting. Letters should be addressed to Mark Miezio, President of the NWMHRF Board and emailed to the Research Station: baase@msu.edu by January 20, 2014 by 5pm. The NWMHRF Executive Board will review request letters and make a final decision by Friday, January 24, 2014, and award recipients will be contacted that same day. Scholarship recipients will be required to present his/her “lessons learned from the IFTA conference” at a NWMHRF Foundation Board meeting in late March 2014. Scholarship preferences will be given to new or younger growers.

AgBioResearch Website Access

Beginning this past July, MSU AgBioResearch (formerly Michigan Agricultural Experiment Station – MAES) changed their website address. If you are having trouble accessing the new site, you may need to update your bookmarks.

Here are several links:

AgBioResearch Main Website  
http://agbioresearch.msu.edu/

NW Michigan Horticultural Research Center Home Page  
http://agbioresearch.msu.edu/centers/nwmihort

NW Michigan FruitNet  
http://agbioresearch.msu.edu/centers/nwmihort/nwmihort_northern_michigan_fruit_net

Resources and Reports  
http://agbioresearch.msu.edu/centers/nwmihort/nwmihort_resources_and_reports
Agriculture Commission and MI Dept. of Agriculture & Rural Development Seeking Public Input on Agricultural Management Practices

Deadline to provide comment is January 22, 2014

For Immediate Release: January 6, 2014

Contact: Jennifer Holton, 517-284-5724 or holtonj@michigan.gov

LANSING, Mich. - The Michigan Commission of Agriculture and Rural Development and the Michigan Department of Agriculture & Rural Development (MDARD) today announced the public input meeting and review period has been scheduled for January 22, 2014 in order to gather comments on the 2014 drafts of the state’s Generally Accepted Agricultural and Management Practices (GAAMPs).

Public comment will be taken on all eight GAAMPs. There are proposed changes in the GAAMPs for: Manure Management and Utilization, Pesticide Utilization and Pest Control, the Care of Farm Animals, Site Selection and Odor Control for New and Expanding Livestock Production Facilities, and Irrigation Water Use. Currently, there are no proposed changes in the GAAMPs for: Nutrient Utilization, Farm Markets, and Cranberry Production.

The GAAMPs public input meeting will be held at 9:00 a.m. on Wednesday, January 22, 2014, in Room A at the State Secondary Complex – General Office Building located at 7150 Harris Drive, Dimondale, MI.

Written comments may be submitted to MDARD’s Environmental Stewardship Division, P.O. Box 30017, Lansing, MI 48909 and postmarked no later than January 22, 2014, or sent via e-mail to WilcoxR2@michigan.gov by 5:00 p.m. on January 22, 2014. MDARD will forward all comments received by the due date to the respective GAAMPs Task Force Chairpersons for consideration. The GAAMPs Task Force Chairpersons then present proposed GAAMPs to the Michigan Commission of Agriculture and Rural Development for final adoption. Public comments are accepted and considered at scheduled commission meetings, before final versions of the GAAMPs are approved.

The Michigan Right to Farm Act provides nuisance protection for farms and farm operations which are in conformance with GAAMPs. These GAAMPs are reviewed annually by scientific committees of various experts, revised and updated as necessary.

For a copy of any of these GAAMPs including the proposed revisions, please visit www.michigan.gov/gaamps, or contact MDARD’s Environmental Stewardship Division at 517-284-5619, or toll free at 877-632-1783.
SOUTHWEST MICHIGAN HORTICULTURE DAYS

Date: February 5, 2014 - February 6, 2014
Time: 8 a.m. - 4 p.m.
Location: Mendel Center at Lake Michigan College, 2755 E. Napier Ave, Benton Harbor, MI 49022
Contact: Mark Longstroth, longstr7@msu.edu or Allan Zelmar, 269-870-5265, info@fruitfulvinetours.com

This two-day trade and educational show is sponsored by the Michigan Grape Society and Michigan State Horticulture Society and coordinated by the Michigan Grape Society and Michigan State University Extension. Educational programs are focused on grapes, tree fruit, blueberries and vegetable growers in Southwest Michigan.

Starts Wednesday morning with a general education session. On Wednesday afternoon there will be concurrent Vegetable, Grape and Tree Fruit sessions. Thursday's concurrent sessions will be Tree Fruit, Blueberry and Grape. Another part of this event is the Southwest Michigan Wine Educational Showcase on Wednesday afternoon after the educational sessions at the SW Michigan Research and Extension Center (SWMREC), about 3 miles from the conference site.

Registration will open at 8 a.m. both days (Feb. 5-6) and programs begin at 9 a.m. A trade show with vendors and door prizes is open each day and is included in the registration cost. The education program covers a wide range of topics covered by local and state experts and out-of-state speakers.

2014 IRRIGATION WORKSHOPS

Irrigation use has greatly increased in the past 10 years and growers have found it to be an important aspect in risk management. The ability to apply water during times of inadequate rainfall helps growers maintain quality and yields, keeping them economically viable in the current agricultural economy. To assist current and future irrigators, Michigan State University Extension is hosting several irrigation workshops across the state and Northern Indiana in 2014. To learn more about these workshops, including the dates and locations, please visit the 2014 Irrigation Workshops registration page.

agbioresearch.msu.edu/centers/nwmihort
Looking to brush up on your pest management skills? Register now to ensure your spot at this pioneering workshop designed to serve specialty crop, field crop, and landscape professionals.

Michigan State University Extension is pleased to announce that the 3rd annual Integrated Pest Management Academy will be held February 18-19 at the Okemos Conference Center in Okemos Michigan (located just outside of East Lansing). The 2014 Integrated Pest Management (IPM) Academy is a two day workshop packed full of information to help you improve your integrated pest management practices on farm and take advantage of all the great resources Michigan State University has to offer. The presenters at this program include a number of MSU’s best and brightest research and extension faculty, offering a rare opportunity to hear from experts working in a variety of disciplines and cropping systems at a single event. The first day of the program will cover fundamental topics including: IPM strategies for disease and insect control; promoting and protecting pollinators; alternative weed control strategies; pesticide basics; the impacts of weather on pesticides; invasive pests; and IPM resources from MSU. On the second day of the workshop participants opt into two, half-day sessions focused on the topic of their choice. This year, the day two sessions include the following options:

Morning Sessions

- **Soil health: What is it, Why is it Important, and How Can it be Managed?**
  Soil is one of the most important, but often the ignored components of successful plant production. Understanding the importance of soil management and how soil interacts with nutrients, water and pesticides will be explored during this session. Attendees are encouraged to bring soil test results to get a personal recommendation for their site and crops. This a cross commodity session, everyone’s welcome.

- **Landscape Design and IPM: Getting it Right from the Start**
  Many landscape plant problems are rooted in poor design or poor plant selection. This session will feature a discussion on landscape design, placement and selection of ornament plants and their implications when dealing with pest management in landscapes. This session may be of interest to landscape professionals or backyard enthusiasts.

- **Stewardship of Pesticides in Michigan Field Crops**
  Farmers use many tools to manage weeds, insects and diseases in their cropping system. Still, chemical controls are often favored for their ability to provide efficient and effective crop protection. This session will offer an overview of the many pesticide options available to field crop producers, discuss their modes of action and highlight management strategies that can be used to limit the development of pesticide resistance as well as practices that can be used to manage pest populations that already exhibit resistance.
- **Hops: Getting Started**
  The morning hop session will cover an introduction to hops, soils and site selection, understanding soil and tissue testing, variety selection, trellising, irrigation and establishment costs.

**Afternoon sessions**

- **Hop Management**
  The afternoon hop session will cover planting and training hops, fertilizer and nutrient requirements, common insect mite and disease problems, scouting for insects and diseases, weed management, and harvesting and processing hops.

- **Ecologically-Based Fruit Pest Management**
  Growing fruit can be an input intensive, challenging endeavor. Session participants will learn about ecologically sound preventative pest actions, pest management approaches, and horticultural practices that can help lessen the challenge of growing fruit.

- **Managing Pests in Diverse Vegetable Rotations**
  Michigan growers produce a wide diversity of vegetables at many different scales, which are challenged by a sometimes overwhelming diversity of insect, disease and weed pests. This session aims to introduce conventional and organic growers to an integrated set of control tactics—including cultural, chemical, mechanical and biological approaches—that can be used to manage pests in an economically and environmentally sound way.

- **Solving the Puzzle: IPM Planning and Implementation for Real-world Field Crops Systems**
  Integrated pest management makes sense on paper, but how do you fit this broad philosophy into a real-world cropping system? In this session we will discuss how to develop a farm IPM plan that encourages pest management decisions that focus on maintaining efficiency and maximizing profitability. In addition, a panel of farmers will share with participants how they have successfully incorporated IPM principles into their farm plans.

- **Emerging Pest Problems of Michigan Landscapes**
  New or invasive pests can cause significant economic and ecological damage. This session will review current and potential pest problems to Michigan landscapes such as oak wilt, hemlock woolly adelgid, thousand canker disease, Asian longhorn beetle and more.

**Registration**

The cost of this event is $225. Please note that snacks, lunch, and parking are included. Participants also receive a notebook with program material and a complimentary IPM-related...
MSU bulletin. Michigan pesticide recertification credits will be available, the exact number will be based on session selection but participants can expect at least 6 credits (private or commercial core available). For more information on the program, a full agenda or registration, visit http://bit.ly/ipm-academy14. For more information or to register by phone contact Betsy Braid at braidbet@msu.edu or 517-884-7081.

This program was developed with support from the Sustainable Agriculture Research and Education (SARE) program, which is funded by the U.S. Department of Agriculture — National Institute of Food and Agriculture (USDA-NIFA). USDA is an equal opportunity provider and employer.

MSU Extension programs and material 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. Michigan State University is committed to providing equal opportunity for participation in all programs, services and activities.

WEBSITES 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/nwmihort/faxnet.htm

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/

Fruit CAT Alert Reports has moved to MSU News http://news.msue.msu.edu
15th Annual Northern Michigan Small Farm Conference

Small Farms Are Real Farms

Register early and save!
Over 25 workshops
Youth track with hands-on demonstrations
Local foods lunch
Trade show with small farm vendors and suppliers

with keynote
John Ikerd, author of
Small Farms Are Real Farms

FEBRUARY 1, 2014
Grand Traverse Resort

www.smallfarmconference.com
**2014 NORTHWEST MICHIGAN ORCHARD & VINEYARD SHOW**
Grand Traverse Resort

January 14-15

**Costs:**
- Registration Fee: $30/person for both days
- Fruit Industry Luncheon, Jan. 14: $15
- CMI Luncheon, January 15: Free to cherry growers; pre-register with CMI

**Sponsors:**
- Grand Traverse Fruit Growers’ Council
- Cherry Marketing Institute
- Michigan State Horticultural Society
- Parallel 45 Vines & Wines Inc.
- Michigan State University Extension
- Michigan State University AgBioResearch

**Supporters & Contributors:** See insert page

**Educational sessions coordinated by:**

Dr. Nikki Rothwell  
*Northwest Michigan Horticultural Research Center Coordinator & Extension Specialist*

Emily Pochubay  
*Tree Fruit Integrated Pest Management Educator, MSUE*

Dr. Duke Elsner  
*Small Fruit Educator, MSUE*

**Tuesday, January 14**

8:00  
Registration Desk Opens

8:00 - 10:30  
*Coffee and Rolls*

**Tree Fruit Session - Governor’s Hall**

**Moderator:**

9:00 – 9:10  
**Welcome and Overview**  
*Paul Hubbell, President, Grand Traverse Fruit Growers’ Council*

9:10 – 9:40  
**Bird Damage in Tree Fruits**  
*Dr. Catherine Lindell, Dept of Zoology, MSU*
9:40 – 10:00 **MAEAP: Updates and Opportunities for 2014**
Garrett Coggon, MAEAP Technician
Jessica Rasch, MAEAP Technician

10:00 – 10:15 **Looking into the Future: NWMHRC**
High Density Tart Cherries
Dr. Nikki Rothwell, MSU Extension

10:15 – 10:30 **The Cost of Tart Cherry Production:**
What We’ve Learned So Far
Emily Pochubay, MSU Extension

10:30 – 11:00 **VENDOR BREAK**

11:00 – 11:30 **Disease Update: Controlling American Brown Rot and**
**What’s New in Cherry Leaf Spot**
Dr. George Sundin, Dept. of Plant Pathology, MSU

11:30 – 12:00 **European Brown Rot Outbreak in Montmorency in 2013**
Dr. George Sundin, Dept of Plant Pathology, MSU

**Tuesday afternoon**

12:00 – 1:30 **FRUIT INDUSTRY LUNCHEON**
No, It Is Not Normal!
Keynote: Dave Barrons, Meteorologist
Emcee: Duke Elsner, MSUE

1:30 – 2:00 **VENDOR BREAK**

**Moderator:** Stan Moore, MSU Extension

2:00 – 2:25 **Using Mating Disruption to Manage**
**Borers in Cherry**
Dr. Nikki Rothwell, MSU Extension

2:25 – 2:55 **The Challenges of Controlling Spotted**
**Wing Drosophila in Cherry**
Dr. Larry Gut, Dept of Entomology, MSU

2:55 – 3:30 **Obliquebanded Leafrollers: Is Resistance Causing**
**Population Increases in Cherry?**
Dr. John Wise, Dept of Entomology, MSU

3:30 – 3:50 **Using Retain to Set Shy Bearing or**
**Frosted Sweet Cherries**
Phil Schwallier, MSU Extension
3:50 – 4:20  2013 MRL Studies in Apple and Cherry: A Good Start  
Dr. Mark Whalon, Dept of Entomology, MSU

4:20 – 4:50  A New Attract and Kill Tactic for Orchard Pests  
Dr. Matt Grieshop, Dept of Entomology, MSU

4:50 – 5:00  Fill Out Pesticide Recertification Credits  
(3 credits)  
Certified Crop Advisor Credits (6 credits)

5:15  WINE TASTING AND HORS D’OUERVE SOCIAL HOUR

Tuesday, January 14

Grape & Wine Session - Michigan A and B (off the main lobby)

Moderator:  Duke Elsner, MSU Extension

9:00 – 9:10  Welcome and Overview  
Brian Hosmer  
President, Parallel 45 Vines and Wines, Inc.

9:10 – 9:40  Spotted Wing Drosophila and Other Invasive Vineyard Bugs: Should We Be Concerned?  
Dr. Rufus Isaacs, Dept. of Entomology, MSU

9:40 – 10:00  Use of Compost Tea in the Vineyard  
Dr. Annemiek Schilder, Dept. of Plant Pathology, MSU

10:00 – 10:20  Ozone for Vineyard Pest Management  
Jay Briggs, 45 North Vineyards  
Bill Siegmund, Pure Water Works, Traverse City, MI

10:20 – 11:10  VENDOR BREAK

11:10 – 11:40  Wine Grape Cultivar Trial- Results from a Challenging Year  
Dr. Duke Elsner, MSU Extension

11:40 – 12:00  Pilot Study Results: Bird Deterrence Strategies  
Shayna Wieferich, Research Technician, MSU
Tuesday afternoon

12:00 – 1:30  FRUIT INDUSTRY LUNCHEON
No, It Is Not Normal!
Keynote: Dave Barrons, Meteorologist
Emcee: Duke Elsner, MSUE

1:30 – 2:00  VENDOR BREAK

Moderator: Duke Elsner, MSU Extension

2:00 – 2:30  Parallel 45 Vines & Wines Inc.
Annual Business Meeting

2:30 – 3:15  Strategies for Pruning Grapevines
Dr. Tom Zabadal, Dept. of Horticulture, MSU

3:15 – 3:35  MSU Wine Appreciation Class
Dr. Ron Perry, Dept. of Horticulture, MSU

3:35 – 3:55  MSU Institute of Agricultural Technology (IAT)
Viticulture Program and VESTA
Brian Matchett, IAT Regional Coordinator, MSU

3:55 – 4:30  Powdery Mildew Management and
Resistance Issues
Dr. Annemiek Schilder, Dept of Plant Pathology, MSU

4:30 – 5:00  Vineyard Crew Management Issues
Open Grower Panel

5:00  Fill Out Pesticide Recertification Credits
(3 credits)

5:15  WINE TASTING AND HORS D’OUERVE
SOCIAL HOUR

Wednesday, January 15

8:00  Coffee and Rolls

8:00  NW Michigan Horticultural Research
Foundation Board Meeting

Cherry Marketing Institute Session – Governor’s Hall

Moderator: Phil Korson

9:00 - 9:30  National Cherry Festival Report to Growers
Susan Wilcox Olson, Director of Marketing and Public
Relations, National Cherry Festival
9:30 – 10:00  **Michigan Tree Fruit Commission**
*Jim Nugent, Chairman, Interim Committee*

10:00 – 10:30  **VENDOR BREAK**

10:30 – 11:15  **2012/13 Marketing Program and Plans for 2014**
*Michael Wehman, Senior Vice President, Weber Shandwick*

11:15 – 11:45  **CMI Annual Report to the Industry**
*Phil Korson, President, Cherry Marketing Institute*

**Wednesday afternoon:**

12:00 – 1:30  **CHERRY MARKETING INSTITUTE LUNCHEON**

1:30 – 2:00  **VENDOR BREAK**

**Moderator:**

2:00 – 2:30  **Revenue Insurance for Cherries: What Have We Learned from the Roll-out?**
*Dr. Roy Black, Dept of Ag Economics, MSU*

2:30 – 3:15  **Federal Marketing Order Grower Panel: What’s Working and What’s Not Working with the Order**

3:15 – 3:45  **Apple Sensitivity to ReTain and NAA Pre-Harvest Treatments**
*Phil Schwaller, MSU Extension*

3:45 – 4:15  **Electrical Safety for Growing Tall Trees Near Power Lines**
*Jim Carpenter, Line Superintendent, Cherryland Electrical Cooperative*

4:15 – 4:45  **Impact of Orchard Floor Management Systems on Tree Fruit Productivity**
*Dr. George Bird, Dept of Entomology, MSU*

4:45 – 5:00  **Fill Out Pesticide Recertification Credits**
(1 credit)
**Certified Crop Advisor Credits (1 credit)**

**Wednesday, January 15**

Saskatoon Berry Session - Peninsula A
Moderator: Duke Elsner, MSU Extension

9:00 – 9:20  What are Saskatoon Berries?
  Steve Fouch
  Duke Elsner, MSU Extension

9:20 – 9:40  Meet the Saskatoon Berry Institute of North America
  SBIONA Board

9:40 – 10:10 Rust Diseases of Saskatoons
  Dr. Annemiek Schilder, Dept of Plant Pathology, MSU

10:10 – 10:30 VENDOR BREAK

10:30 – 10:50 Fruit Infesting Insects of Saskatoon Berries
  Dr. Rufus Isaacs, Dep.t of Entomolgy, MSU
  Duke Elsner, MSU Extension

10:50 – 11:30 Grower Open Discussion – Production Challenges

11:30 – 12:00 Pesticide Recommendations and Use Strategies
  Duke Elsner, MSU Extension

12:00 – 12:15 Fill Out Pesticide Recertification Credits
  (2 credits)