

Northern Michigan FruitNet 2018

Northwest Michigan Horticultural Research Center

Weekly Update

FruitNet Report – June 28, 2018

CALENDAR OF EVENTS

5/8 – 6/27

IPM Updates

8/23

NWMHRC Open House

What's new?

- **Notice of CIAB meeting**
- **Using Merivon in tank mixes close to harvest**
- **Brown marmorated stink bug management survey for commercial producers**
- **SWD Trap Line – 6/28/18**

New articles

Using Merivon in tank mixes close to harvest

The SDHI fungicide, Merivon, is a key tool for cherry leaf spot and American brown rot management in cherries. While both of the SDHI fungicides, Luna Sensation and Merivon, are excellent materials for brown rot, recent data has shown that the cherry leaf spot fungus has reduced sensitivity to Luna Sensation. Hence, many growers have been interested in using Merivon at pre-harvest timing to provide the best results for both diseases. However, there is language on the Merivon label that has raised concerns of possible crop injury regarding the use of Merivon in tank mixes with some products (see figures below). We have communicated with BASF about the label content, and at this time, BASF has no local data in cherry that confirms how Merivon will react with emulsifiable concentrates (ECs), acidifiers, and certain surfactants. Due to the current lack of data, BASF has written the label conservatively to minimize potential phytotoxicity to leaves/fruit. Unfortunately, we also do not have information on how these products with interact at this time. We will try to perform some quick tank mix trials in the coming days to determine if phytotoxicity and/or fruit spotting will occur, particularly with the hot conditions in the forecast. Please refer to the Merivon label for additional information on use directions in stone fruit.

Table 2. Merivon® Xemium® brand fungicide Crop-specific Directions *(continued)*

<p>Stone fruits <i>(continued)</i></p> <p>Within Two Weeks of Harvest - Use on Cherries (See below for other Stone Fruit crops)</p> <p>Merivon can only be used with nonionic adjuvants that DO NOT acidify and/or enhance penetration. DO NOT exceed 0.0625% (v/v) concentration when using these adjuvants.</p> <p>DO NOT use Merivon with:</p> <ul style="list-style-type: none">• Emulsifiable concentrate (EC) or solvent-based formulation products.• Crop oil concentrate (COC), methylated seed oil (MSO), organosilicone (OS), MSO/OS blend adjuvants.• Nonionic surfactant (NIS) adjuvant products that acidify or enhance plant penetration.
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Notice of CIAB meeting

CIAB Meeting
July 6, 2018 9 a.m.
Doubletree by Hilton
4747 28th Street SE
Grand Rapids, MI

SWD Trap Line – 6/28/18

	wk of 5/15	wk of 6/25
North Manistee	trap set	0

Benzie	trap set	0
Yuba	trap set	0
Central Lake	trap set	0
Old Mission	trap set	*
Suttons Bay	trap set	1
Cedar	trap set	0
East Leland	trap set	*
Northport	trap set	1
NW Station	trap set	3

***- Some traps have not been checked yet.**

Brown marmorated stink bug management survey for commercial producers

Has brown marmorated stink bug changed your pest management program? Participate in this nationwide survey to help us help you manage it better.

June 26, 2018 - Author: [Julianna Wilson](#), and Jayson Harper, Penn State University, Department of Agricultural Economics, Sociology and Education



Brown marmorated stink bug. Photo by Marissa Schuh, MSU Extension.

[Brown marmorated stink bug](#) has become an all-too-familiar nuisance pest in Michigan homes over the last few years. More recently, it has started to build to levels where it is injuring crops. If you have had to change your pest management program because of damage by brown marmorated stink bug, [Michigan State University Extension](#) is encouraging you to participate in a nation-wide [Brown Marmorated Stink Bug Management Survey](#), currently underway, to gather information from farmers and growers on the economic impact of brown marmorated stink bug on agriculture. The objective of the survey is to better provide you with the help you need in managing this pest.

The survey will ask you when brown marmorated stink bug became a problem for you, where you currently get information on how to control them, how much damage you have suffered, your use of and interest in various management practices and your feelings about biological control methods and their potential for your operation. The results of the survey will be used by Extension programs across the United States to fine-tune management advice for brown marmorated stink bugs and help prioritize research and outreach activities.

If you'd like to participate, the survey should take you about 20-25 minutes to complete. Your individual survey responses will be confidential and the data collected will only be reported in summaries. Your participation is voluntary and you can decide not to answer a given question if you choose.

[Take the online survey now](#) and to read more about it, visit StopBMSB.org for more information.

If you have any questions about the [Brown Marmorated Stink Bug Management Survey for Commercial Producers](#), please contact Jayson Harper at jkh4@psu.edu or 814-863-8638.

Articles featured in past FruitNet Reports

Spotted Wing Drosophila in Saskatoon Berries?

In 2017, I received two reports of spotted wing drosophila (SWD) infesting the fruits of Saskatoon berries in Michigan. Unfortunately, both instances were brought to my attention well after harvest, and there was no way to verify the identification of the infesting insects or the extent of the damage to the crop.

If you are growing saskatoons on a commercial scale or you just have a few bushes, I would like to obtain samples of berries to examine for the presence of SWD. Please contact me at elsner@msu.edu or 231-922-4822 if you would like to help with this investigation.

Frequently Asked Questions: Crop Insurance for Cherry Growers Facing Limited Market Options

Jun 21, 2018

Q: Is lack of a market for my brining cherries an insured cause for loss?

A: No. Crop insurance covers physical damage from an insurable cause of loss, such as adverse weather, but does not cover the inability to market cherries for any reason other than actual physical damage.

Q: I do not have a buyer for my cherries, so I am not going to harvest. Should I let my Agent know?

A: Yes. If production will not be harvested, whether there is a loss of production or not, growers should timely contact their crop insurance company to have their production appraised.

Q: Why is it important to get my unharvested production appraised?

A: Appraisals can be used in conjunction with the annual price to maintain the approved revenue history for your crop insurance policy in succeeding crop years.

For more information, please visit:

<https://www.rma.usda.gov/help/faq/cherrygrowers.html>

New 24 © for Mustang Max in Cherries

Label attached to this email or available here for download:

<https://www.dropbox.com/s/073x6bb99f5qewe/2018-06-06%20Mustang%20Maxx%20SLN%20-%20MI%20-%20final%20label.pdf?dl=0>

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WEB SITES OF INTEREST:

Farmer to Farmer – Connecting farmers, cultivating community

<http://www.f2fmi.com>

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://www.canr.msu.edu/nwmihort/nwmihort_northern_michigan_fruit_net

60-Hour Forecast:

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

Information on cherries:

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

Information on apples:

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

Information on grapes:

<http://grapes.msu.edu>