

Northern Michigan FruitNet 2015

Northwest Michigan Horticultural Research Center

Weekly Update

FruitNet Report - June 12, 2015

CALENDAR OF EVENTS

Northwest Michigan SWD Monitoring Network – Trap Locations

2015

County	Crop/Wild host	No. of Traps
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- 5/5 - 6/30** **Leelanau County IPM Updates**
Bardenhagen Farm
- 5/5 - 6/30** **Grand Traverse County IPM Updates**
Wunsch Farm
- 5/6 - 7/1** **Antrim County IPM Updates**
Jack White Farms
- 5/6 - 7/1** **Benzie County IPM Updates**
Blaine Christian Church
- 6/26** **CIAB Grower Meeting**
SW Research and Extension Center, Benton Harbor, MI
- 6/29** **CIAB Grower Meeting**
Oceana Intermediate School District, Hart, MI
- 6/30** **CIAB Grower Meeting**
Peninsula Township Hall, Traverse City
- 6/30** **CIAB Grower Meeting**
Milton Township Hall, Kewadin, MI
- 6/30** **CIAB Grower Meeting**
NW Michigan Horticultural Research Center, Traverse City, MI
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First spotted wing drosophila detected in Michigan was caught in Benzie County

Emily Pochubay, Karen Powers, and Nikki Rothwell, NWMHRC

The first spotted wing drosophila (SWD) to be captured in Michigan this season was found yesterday (6/11/15) in an SWD Trece lure-baited trap placed on the interior (~200 ft from the orchard's edge) of a tart cherry block in Benzie County. Like in 2013 and 2014, this season's first detected SWD was a female fly, confirming that the ability to

positively identify both female and male SWD is key for early detection of this pest. At this time, we have not detected SWD in other areas of northwest Michigan and growers should wait until cherries are susceptible and SWD are detected near their orchards to begin management programs for SWD.

The NWMHRC field crew deployed a total of 71 SWD traps throughout the northwest region last week. These traps are supported by funding from MSU Extension and AgBioResearch to continue the state-wide SWD monitoring network as well as funds awarded by the Michigan Cherry Committee for research on alternative hosts of SWD. The monitoring network and alternative SWD hosts were identified as top priorities of the cherry industry at the SWD Summit held at the NWMHRC last November. The NW MI network is currently comprised of SWD traps in both sweet and tart cherry orchards as well as in brambles and wild hosts such as autumn olive, wild black cherry, honeysuckle, mulberry, wild grape, choke cherry, pin cherry and wild brambles.

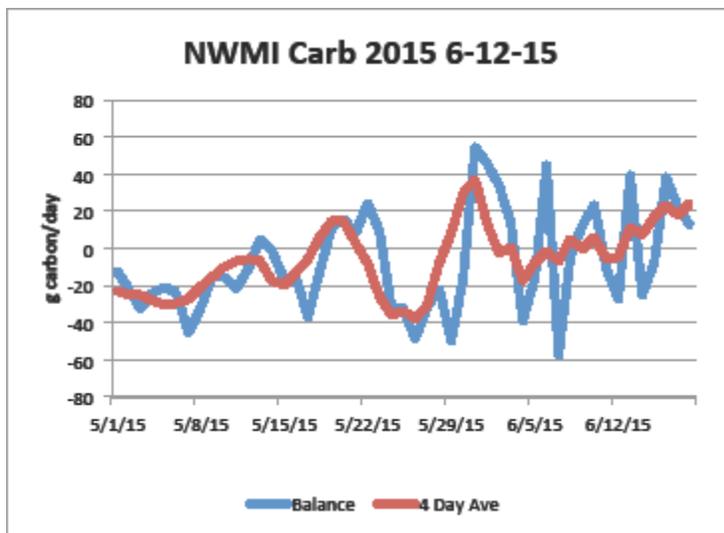
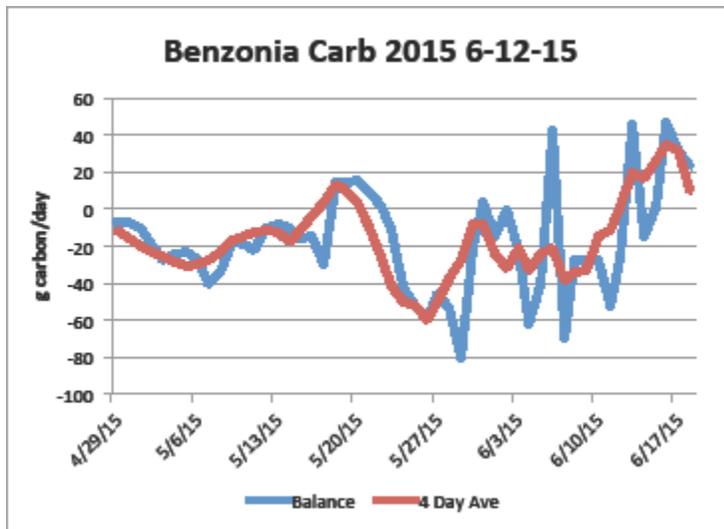
Stay tuned! We will continue to provide weekly updates of SWD first detections and populations in our region to growers and FruitNet subscribers.

Benzie-Manistee	Tart cherry	12
	Other wild hosts	4
	Total	16
Antrim	Tart cherry	4
	Sweet cherry	6
	Other wild hosts	5
	Total	15
Grand Traverse	Tart cherry	4
	Sweet cherry	6
	Other wild hosts	5
	Total	15
Leelanau	Tart cherry	13
	Sweet cherry	4
	Other wild hosts	8
	Total	25
	Grand Total	71

Carb Model

Emily Pochubay, NWMHRC

The window for apple thinning timing is nearing the end for most areas in northwest MI and larger fruitlets will not thin easily in the coming days. The NWMHRC and Benzonia carb models indicate that these areas are currently under little to no stress and there is no stress predicted through 6/17. Growing apple fruitlets will be resistant to thinning at this time. Phil Schwallier recommends using combinations to get good thinning. He recommends Sevin + NAA and/or Sevin + Maxcel. Rates of materials will vary and are dependent on varieties, and whether varieties are easier or more difficult to thin.



CIAB Grower Meetings

The CIAB meets June 25, 2015 at 9:00am at Amway Grand Plaza, Grand Rapids, MI to discuss the Optimum Supply Formula and to set restriction and percentages, if any. The CIAB will hold grower meetings to discuss the outcomes with growers and the prospects for this harvest.

The meetings will be at the following locations and times. Please attend the one that is most convenient for you.

Friday, June 26 4:30pm – 6:30pm
 Southwest Michigan Research and Extension Center
 1791 Hillandale, Benton Harbor, MI

Monday, June 29, 8:30pm – 10:00pm
Oceana Intermediate School District
844 Griswold Street, Hart, MI

Tuesday, June 30, 9:00am – 11:00am
Peninsula Township Hall
13235 Center Rd. Traverse City, MI

Tuesday, June 30, 1:00pm – 3:00pm
Milton Township Hall
Kewadin, MI

Tuesday, June 30, 7:00pm – 9:00pm
Northwest Michigan Horticultural Research Station
6686 S. Center Highway, Traverse City, MI

2015 Tree Fruit IPM Update Series

Emily Pochubay and Nikki Rothwell
Michigan State University Extension

Tree Fruit IPM Updates beginning the first week of May through mid-July (as needed) will highlight management of the season's current potential pest challenges dictated by weather and pest biology. Attendees are encouraged to bring examples of pests and damage found on the farm to these workshops for identification and discussion. Workshops will be held weekly in Leelanau and Grand Traverse counties and bi-weekly in Antrim and Benzie Counties. Tree fruit growers are welcome to attend meetings at any of the locations and times that are most convenient (see below). These workshops are free and do not require registration. Certified crop advisor continued education credits (two per meeting) and pesticide recertification credits (two per meeting) will be available. We are looking forward to seeing you in a few weeks! For more information, please contact Emily Pochubay (pochubay@msu.edu), 231-946-1510.

IPM Update Dates, Times, and Locations

Leelanau County

Location: Jim and Jan Bardenhagen, 7881 Pertner Rd, Suttons Bay
Dates: June: 16, 23, 30
Time: 12PM – 2PM

Grand Traverse County

Location: Wunsch Farms, Phelps Road Packing Shed, Old Mission
Dates: June: 16, 23, 30
Time: 3PM – 5PM

Antrim County

Location: Jack White Farms, 10877 US-31, Williamsburg (is not correct in Google Maps) *North of Camelot Inn and South of Elk Rapids on the southeast side of US-31*

Dates: June: 17; July: 1

Time: 10AM – 12PM

Benzie County

Location: Blaine Christian Church, 7018 Putney Rd, Arcadia, MI 49613

Date: June: 17; July: 1

Time: 2PM – 4PM

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.

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/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/>

Information on apples:

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

Fruit CAT Alert Reports has moved to MSU News

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