**Northern Michigan FruitNet 2015**  
Northwest Michigan Horticultural Research Center

**Weekly Update**

**FruitNet Report - June 12, 2015**

### CALENDAR OF EVENTS

<table>
<thead>
<tr>
<th>2015</th>
<th>Event Description</th>
<th>Location</th>
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<tbody>
<tr>
<td>5/5 - 6/30</td>
<td>Leelanau County IPM Updates</td>
<td>Bardenhagen Farm</td>
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<tr>
<td>5/5 - 6/30</td>
<td>Grand Traverse County IPM Updates</td>
<td>Wunsch Farm</td>
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<tr>
<td>5/6 - 7/1</td>
<td>Antrim County IPM Updates</td>
<td>Jack White Farms</td>
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<tr>
<td>5/6 - 7/1</td>
<td>Benzie County IPM Updates</td>
<td>Blaine Christian Church</td>
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<td>6/26</td>
<td>CIAB Grower Meeting</td>
<td>SW Research and Extension Center, Benton Harbor, MI</td>
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<td>6/29</td>
<td>CIAB Grower Meeting</td>
<td>Oceana Intermediate School District, Hart, MI</td>
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<td>6/30</td>
<td>CIAB Grower Meeting</td>
<td>Peninsula Township Hall, Traverse City</td>
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<td>6/30</td>
<td>CIAB Grower Meeting</td>
<td>Milton Township Hall, Kewadin, MI</td>
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<tr>
<td>6/30</td>
<td>CIAB Grower Meeting</td>
<td>NW Michigan Horticultural Research Center, Traverse City, MI</td>
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### Northwest Michigan SWD Monitoring Network – Trap Locations

<table>
<thead>
<tr>
<th>County</th>
<th>Crop/Wild host</th>
<th>No. of Traps</th>
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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.

<table>
<thead>
<tr>
<th></th>
<th>Tart cherry</th>
<th>Other wild hosts</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Benzie-Manistee</td>
<td>12</td>
<td>4</td>
<td>16</td>
</tr>
<tr>
<td>Antrim</td>
<td>4</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Grand Traverse</td>
<td>4</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Leelanau</td>
<td>13</td>
<td>4</td>
<td>17</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>71</strong></td>
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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.
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

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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

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**WEB SITES OF INTEREST:**
Insect and disease predictive information is available at:  
[http://enviroweather.msu.edu/homeMap.php](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](http://agbioresearch.msu.edu/nwmihort/faxnet.htm)

60 Hour Forecast:  

Information on cherries is available at the new cherry website:  
[http://www.cherries.msu.edu/](http://www.cherries.msu.edu/)

Information on apples:  
[http://apples.msu.edu/](http://apples.msu.edu/)

Fruit CAT Alert Reports has moved to MSU News  
[http://news.msue.msu.edu](http://news.msue.msu.edu)