

Northern Michigan FruitNet 2015

Northwest Michigan Horticultural Research Center

Weekly Update

FruitNet Report – July 17, 2015

CALENDAR OF EVENTS

2015

- 5/5 – 8/? Grand Traverse County IPM Updates**
Wunsch Farm
- 7/18 Parallel 45 Pig Roast**
Old Mission Peninsula, details provided in the grape report
- 7/29 The 26th Annual Viticulture Field Day & Steak Cookout**
Southwest Michigan Research & Extension Center, Benton Harbor, details provided in the grape report.
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Predicted 2015 Apple Harvest Dates

Phillip Schwallier, District Horticulture Educator

Amy Irish-Brown, District ICM Educator

Clarksville Research Center

The predicted harvest dates for every MAWN weather station is now available on Enviroweather web site at Michigan State University. In general, 2015 Predicted Harvest Dates are roughly a few days behind normal and a few days ahead of last year. Bloom dates this spring were a few days late in the south, and fairly normal in the rest of the state. However, in the central part of the state, four days straight of very poor weather conditions occurred during Full Bloom. During this time no pollination occurred, thus the actual harvest dates may be later than the predicted dates.

As always, the weather seems to be unusual each year and 2015 was no different. It began after an extremely cold winter with a slightly late but mostly normal spring. A few frost events occurred in the south part of the state but did relatively minor damage. A few frost marks on fruit are evident. However, significant damaging frost occurred in the north with some orchards losing the crop to the frost. This year, the days between Full Bloom in the south and Full Bloom in the north were less than normal. This unusual spring was also characterized by considerable precipitation in some parts of the state. Most apple growers were successful in thinning the crop down to a nice cropload. Some blocks were over thinned. The state's cropload is approximately normal. Blocks with light croploads will mature 3 or 4 days sooner than the predicted harvest dates. Heavy croploads will mature 7 days later than the predicted dates.

The normal harvest dates for other varieties are listed in Table 3 for the Grand Rapids area. This year's 2015 predicted dates are a rough estimate based on the McIntosh, Jonathan and Red Delicious predicted dates. Other areas of the state should adjust non-predicted varieties based on their own

history. ReTain application should be applied 30 DBH (days before harvest). Use Table 3, 2015 Predicted Harvest Dates for Other Varieties, to time ReTain applications and adjust for varieties and locations.

Table 3. Normal and 2015 peak harvest dates for varieties for the Grand Rapids area

Variety	Normal date	2015 predicted date
Paulared	8/24/15	8/20/15
Gingergold	8/26/15	8/22/15

Table 1. 2015 predicted peak harvest dates.

Full bloom date				Predicted harvest date			
Station	McIntosh	Jons	Reds	McIntosh	Jons	Reds	Observer
SWMREC	5/8	5/9	5/9	9/9	9/28	10/4	Shane
Deerfield	5/8	5/9	5/9	9/7	9/24	10/3	Tritten
Romeo	5/9	5/10	5/10	9/9	9/27	10/3	Tritten
Peach Ridge	5/10	5/11	5/12	9/11	9/29	10/5	Irish-Brown
Hart	5/17	5/17	5/18	9/19	10/4	10/13	Irish-Brown
NWMHRS	5/18	5/21	5/23	9/20	10/7	10/14	Rothwell

Table 2. 2015 predicted peak harvest dates compared to normal and last year.

Days ahead of normal				Days ahead of last year		
Station	McIntosh	Jons	Reds	McIntosh	Jons	Reds
SWMREC	-2	-7	-6	2	3	3
Deerfield	1	-3	-1	5	6	4
Flint	4	-2	0	5	4	4
Peach Ridge	4	-3	0	8	3	5
Hart	-1	-1	1	4	4	1
NWMHRS	2	-1	3	6	6	5

Gala	9/10/15	9/6/15
McIntosh	9/15/15	9/11/15
Honeycrisp	9/18/15	9/14/15
Empire	9/22/15	9/18/15
Jonathan	9/28/15	9/29/15
Jonagold	9/28/15	9/29/15
Golden Delicious	10/2/15	10/3/15
Red Delicious	10/5/15	10/5/15
Idared	10/10/15	10/10/15
Rome	10/15/15	10/15/15
Fuji	10/25/15	10/25/15
Braeburn	10/25/15	10/25/15
Goldrush	11/1/15	11/1/15

Spotted wing drosophila catches are on the rise throughout northwest Michigan this week. Please see the table below for more information on the locations and hosts where SWD were found.

County	Crop/Wild Host	No. of traps in each county	No. of SWD found as of 7/17
Benzie - Manistee	Tart Cherry	12	1
	Other wild hosts	4	1
	Total	16	2
Antrim	Tart Cherry	4	0
	Sweet cherry	6	1
	Other wild hosts	5	1
	Total	15	2
Grand Traverse	Tart Cherry	4	5
	Sweet cherry	6	1
	Other wild hosts	5	0
	Total	15	6
Leelanau	Tart Cherry	13	13
	Sweet cherry	4	0
	Other wild hosts	8	0
	Total	25	13
	Grand Total	71	23

Michigan Pomesters 2015 Membership Renewal

Membership Dues: \$25 per person (can pay at RidgeFest)

Benefits of Membership:

Paying your dues today includes:

All tours and educational events held throughout the year are **free of charge** including:

- RidgeFest 2015
- IFTA Scholarship opportunities
- all other educational events that we host
- other events that we are partners in

If there are others at your organization that want to join or have been members in the past, feel free to include their contact info and we can get them on the mailing list.



Company Name (s): _____

Member Name (s): _____

Address _____

Email _____ Phone(s) _____

Checks payable to: Michigan Pomesters

Direct Questions & Comments to: mipomesters@gmail.com | Nick Rasch (616) 813-1064

Strategic Growth Initiative Grant Program Announced to Boost Michigan's Growing Food and Agriculture Industry

LANSING, Mich. – A grant opportunity designed to encourage growth in Michigan's food and agriculture industry was announced today by Michigan Department of Agriculture and Rural Development Director Jamie Clover Adams.

"This is a great chance for our food and agriculture businesses to find innovative ways to expand and grow. Food and agriculture in Michigan is a \$101 billion industry. This is one avenue to help spur job creation, support local communities and drive new economic development," said Clover Adams.

Applicants for grant funds will be asked to describe how the project potentially impacts and produces measurable outcomes for the food and agriculture industry and/or the public rather than a single organization, institution, or individual.

This initiative has been developed to focus on removing existing barriers and leveraging opportunities identified by food processors, agri-business, and those in agricultural production as critical to business development and growth. Priority will be given to projects that identify a scope of work that includes one or more of the following as it relates to the food and agriculture industry:

1. Talent/Workforce Development (i.e. training activities)
2. Infrastructure/Logistics (i.e. broadband access)
3. Feasibility Studies (i.e. enhancing value added capacity)

All application materials including the program overview and fillable application form are available on MDARD's website www.michigan.gov/mdardgrants. Applications are due to MDARD by 3pm EST on July 22, 2015.

IPM Update Cookout and Schedule Change

Emily Pochubay and Nikki Rothwell, NWMHRC

As many of you are already aware, please note the changes to upcoming IPM Update meeting dates. Due to a scheduling conflict, the IPM Update meetings for July 14th and 15th have been cancelled. We apologize for any inconvenience as a result of this cancellation, and to account for this change, additional IPM Updates have been or will be scheduled. Please see below for details on dates and times of these additional meetings. Thank you all for your continued support of the NWMHRC, MSU Extension, and Michigan's fruit industries!

***NEW IPM Update Schedule**

Grand Traverse County

Location: Wunsch Farms, Phelps Road Packing Shed, Old Mission

Dates: **August* Final meeting date TBD**

Time: 3PM – 5PM

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/>

Information on grapes:

<http://grapes.msu.edu>

Fruit CAT Alert Reports has moved to MSU News

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

