



In The Vineyard

Hans Walter-Peterson

One more short Update this week. Should be back to a bit more thorough write-up of what's going on next week. Here are just a few observations and things to keep in mind as we hit veraison in more varieties. - HCW

Veraison Marches On: Add Lemberger and Chardonnay to the list of varieties that I have seen starting to push into veraison in some areas around the Finger Lakes.

Time for Petiole Testing: The window for taking late summer petiole samples to determine nutrient status is opening now as the fruit softens and begins to turn color. You can get petiole sampling instructions and forms from any commercial lab, or from your local Extension office. I'm happy to sit down with growers to discuss results from petiole and soil tests to help put together recommendations for nutrient management this fall. You can learn about how to take petiole samples from our YouTube video ["How to Sample Petioles in the Vineyard"](#).

Botrytis Materials and Resistance Groups: At our Tailgate meeting on Tuesday, we spent some time discussing the number of botrytis materials available for growers to use in a rotation, to avoid making multiple applications of any one type of chemistry. The table below categorizes each of the materials included in this year's IPM Grape Guidelines for botrytis control based on their resistance group. Materials in the same resistance group can be considered the same type of chemical for the purpose of determining a good chemical rotation for botrytis.

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Resistance Group 2	Resistance Group 7	Resistance Group 9	Resistance Group 11	Resistance Group 17	Resistance Group 19	Resistance Group 44
Meteor	Endura	Inspire Super	Flint	Elevate	Ph-D	Double Nickel
Rovral	Pristine	Vangard			Tavano	
		Scala				
		Switch				

No resistance group: Botector

Grape Berry Moth Model:

NEWA Grape Forecast Models

Select a disease or insect:
Grape Berry Moth

Weather Station:
Dresden (FLGP/FLCC)

Date of Interest:
8/12/2015

Calculate

MapResultsMore info

Grape Berry Moth Results for Dresden (FLGP/FLCC)

Wild Grape Bloom: 5/26/2015

Wild Grape Bloom date above is estimated based on degree day accumulations or user input. Enter the actual date for blocks of interest and the model will calculate the results more accurately.

Accumulated degree days (base 47.14°F) wild grape bloom through 8/12/2015: 1701 (0 days missing)

Daily Degree Days for Dresden (FLGP/FLCC)								
Base Temp	Past	Past	Current	5-Day Forecast			Forecast Details	
	Aug 10	Aug 11	Aug 12	Aug 13	Aug 14	Aug 15	Aug 16	Aug 17
47.14F - GBM	24	23	20	19	24	26	26	29
Accumulation	1658	1681	1702	1721	1745	1772	1798	1827

NA - not available

Download Time: 8/12/2015 21:00

Pest Status	Pest Management
Egg-laying continues.	For materials that are contact insecticides, e.g. pyrethroids and carbamates, apply between 1621-1710 DD in vineyards where scouting found more than 15% damaged clusters. Low risk vineyards rarely require this treatment.

The GBM model shows that warmer sites in the Finger Lakes, such as Dresden (above), will reach 1720 accumulated GDDs tomorrow or the next day. If vineyard blocks in these areas have more than 15% of clusters showing any GBM damage from previous generations, then a spray application to control the insect is warranted. Cooler sites like Branchport and Sodus are just entering the time to begin scouting for previous GBM damage, and will reach the time for potential applications closer to next week.

Upcoming Events

Don't forget to check out the calendar on our website (<http://flgp.cce.cornell.edu/events.php>) for more information about these and other events relevant to the Finger Lakes grape industry.

FLGP Tailgate Meetings

Final Tailgate Meeting of 2015!

Tuesday, August 25 5:00 – 6:30 PM

Buttonwood Grove Winery

5986 NY-89, Romulus, NY



Our annual series of tailgate meetings will conclude on Tuesday, August 25 with our final meeting at Buttonwood Grove Winery in Romulus.

These meetings are held every other week at various grape farms around the Finger Lakes, and are intended to be informal, small-group meetings where FLGP staff and growers can ask questions and discuss issues about vineyard management, IPM strategies or other topics appropriate for that point in the growing season. The DEC has approved 1.0 pesticide recertification credits for each Tailgate Meeting this year.

Thanks to all of our hosts for this year's meetings. If you are interested in hosting a Tailgate Meeting next year, please call the office (315-536-5134) and let us know. We will start scheduling them at the end of this coming winter.

Tailgate Meeting for Winemakers

Thursday, August 20 5:00 PM

Location TBD

The main focus of this meeting is to provide area winemakers with some information about the 2015 growing season, how the season might affect this year's harvest, and discussing what we know (and don't know) about how various practices and factors in the vineyard do or don't influence fruit and wine quality.

The format of the meeting will be much like our Tailgate Meetings that we hold for growers during the season. We will have some information to present and discuss with the group, but it is also a time to ask questions about other topics that might be on winemakers' minds as we approach this year's harvest. No need to register ahead of time - feel free to bring your own chair.

Upcoming Events (continued from page 3)

Pre-Harvest Field Meeting

Monday, August 24 5:00 – 6:30 PM

Prejean Winery

2634 Route 14, Penn Yan NY 14527

The primary focus of this field meeting will be a couple of research projects being conducted by Dr. Justine Vanden Heuvel and her lab. The first is continuation of some work that has been done on the use of under-vine cover crops to reduce vigor. A research plot has been established at Prejean to examine the impacts of several different ground covers, including chicory, alfalfa, fescue grass, tillage radish and native vegetation, on vigorous Noiret vines. The second is a demonstration of the ‘pallissage’ technique that Justine is examining as an alternative to hedging, and that I mentioned in the [July 8 Vineyard Update](#). We will also share this year’s Finger Lakes Grape Price List at the meeting, and probably have a few other tidbits on the agenda as well.

This meeting *will not* take the place of the Tailgate Meeting the following day at Buttonwood Grove Winery. We will still hold that meeting, our final Tailgate of the 2015 season, on Tuesday, August 25.

Finger Lakes Vineyard Update

Finger Lakes Grape Program

August 13, 2015

2015 GDD & Precipitation

<u>FLX Teaching & Demonstration Vineyard</u> – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
8/5/15	74.2	61.6	0.00	17.9	1756.5
8/6/15	74.8	57.2	0.00	16.0	1772.5
8/7/15	76.4	54.9	0.00	15.7	1788.2
8/8/15	72.8	56.0	0.00	14.4	1802.6
8/9/15	80.0	56.5	0.00	18.3	1820.8
8/10/15	81.5	63.1	0.05	22.3	1843.1
8/11/15	78.4	66.9	0.71	22.7	1865.8
Weekly Total			0.76"	127.3	
Season Total			17.51"	1865.8	

GDDs as of August 11, 2014: 1799.2

Rainfall as of August 11, 2014: 19.25"

Seasonal Comparisons (at [Geneva](#))

Growing Degree Days



	2015 GDD ¹	Long-term Avg GDD ²	Cumulative days ahead (+)/behind (-) ³
April	40.8	65.2	-7
May	408.4	248.6	+8
June	444.9	481.5	+5
July	606.8	640.6	+3
August	195.2	588.6	+2
September		347.6	
October		105.5	
TOTAL		2477.6	

¹ Accumulated GDDs for the month.

² The long-term average (1973-2014) GDD accumulation for that month.

³ Numbers at the end of each month represent where this year's GDD accumulation stands relative to the long-term average. The most recent number represents the current status.

2015 GDD & Precipitation (continued from page 5)

Precipitation

	2015 Rain ⁴	Long-term Avg Rain ⁵	Monthly deviation from avg ⁶
April	2.54"	2.90	-0.31"
May	2.97"	3.11	-0.14"
June	7.28"	3.60	+3.68"
July	3.27"	3.42	-0.15"
August	0.66"	3.17	
September		3.63	
October		3.25	
TOTAL		23.08"	

⁴ Monthly rainfall totals up to current date

⁵ Long-term average rainfall for the month (total)

⁶ Monthly deviation from average (calculated at the end of the month)

Additional Information

Got some grapes to sell? Looking to buy some equipment or bulk wine? List your ad on the [NY Grape & Wine Classifieds website](#) today!

Become a fan of the [Finger Lakes Grape Program on Facebook](#), or follow us on [Twitter \(@cceflgp\)](#). Also check out our website, “The Grape Lakes – Viticulture in the Finger Lakes” at <http://flg.cce.cornell.edu>.

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