



We have a lot going on this week and next week between Empire Farm Days, meetings, helping to host a tour, and trying to get a new educator hired, so the next couple of Updates will be pretty brief (maybe that's a good thing). - HCW

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In The Vineyard

Hans Walter-Peterson

The march into veraison continues this week. Both Zweigelt and Cayuga White at the Teaching Vineyard had reached veraison as of Monday, while Marquette has just about finished turning color. Other early hybrid varieties like Marechal Foch, Leon Millot, Geneva Red and Baco noir are fairly well along with color change as well.

We finished July with close to average rainfall for the month, and slightly below average growing degree days (GDD). After the deluge in June, growers are happy with just average rainfall right now.

- ◆ **FLGP Tailgate Meetings** *August 11, 2015*
- ◆ **Tailgate Meeting for Winemakers** *August 20, 2015*
- ◆ **Pre-Harvest Field Meeting** *August 24, 2015*

In The Vineyard (continued from page 1)

IPM

With the exception of last Thursday, July 30, the vineyards have continued to benefit from little or no rain over the past 9 days. According to the [DMcast model on NEWA](#), we haven't had sufficient conditions for downy mildew infections since early in the morning on July 28 (knock on wood), and the current forecast looks fairly dry at least until the weekend. This has helped to slow the advance of DM infections in canopies that we were seeing in June and early July.

NEWA Grape Forecast Models

Select a disease or insect:
Grape Berry Moth
Map Results More info

Weather Station:
Dresden (FLGP/FLCC)

Date of Interest:
8/5/2015

Calculate

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 8/5/2015: 1548 (0 days missing)

Base Temp	Past		Current	5-Day Forecast			Forecast Details	
	Aug 3	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aug 10
47.14F - GBM	27	23	21	19	20	22	22	22
Accumulation	1513	1536	1557	1575	1596	1617	1639	1661

NA - not available Download Time: 8/5/2015 14:00

Pest Status	Pest Management
Second generation larvae are protected within berries and completing their development.	The most effective time for treatment of second generation grape berry moth is over. Prepare to scout all vineyard blocks for grape berry moth damage when DD accumulation reaches 1470-1620 DD. During scouting, determine if the number of damaged clusters from previous generation exceeds the treatment threshold of 15%. If above threshold, control measures should be applied starting at 1620 DD.

Grape Berry Moth

Growers in warmer areas of the Finger Lakes (Hector, Dresden, Lodi, Ovid) should be scouting for grape berry moth damage now, as we are approaching the window for applications to be made to control the third generation of larvae. Growers in cooler areas (Branchport, Sodus) are a little shy of 1400 GDDs (based on wild grape bloom), and are still several days away from the appropriate time to make any applications to control the insect. When scouting for GBM damage at this point of the season, the recommended action threshold is 15% of clusters showing signs of injury from previous generations.

The window to apply GBM materials is around 1620 GDDs *only for materials that require the larvae to ingest the material*, like Dipel and Alticore. Materials that rely on contact with the larvae, including carbaryl (Sevin), Danitol, and Leverage should be applied a little later, starting around 1720 GDDs.

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

Next Meeting: Tuesday, August 11 5:00 – 6:30 PM

Glenora Farms

340 Dundee-Glenora Road, Dundee, NY 14837



Our annual series of tailgate meetings continues on Tuesday, August 11, at Glenora Farms in Dundee.

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.

Dates and locations for the rest of this year's Tailgate Meetings can be found under the ['Events'](#) section of our website.

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 5, 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
7/30/15	83.1	70.2	0.65	26.7	1627.9
7/31/15	84.1	64.6	0.00	24.4	1652.2
8/1/15	77.3	64.3	0.00	20.8	1673.0
8/2/15	83.3	59.9	0.00	21.6	1694.6
8/3/15	80.0	67.1	0.02	23.6	1718.2
8/4/15	77.6	63.3	0.00	20.5	1738.6
Weekly Total			0.67"	137.4	
Season Total			16.75"	1738.6	

GDDs as of August 4, 2014: 1671.5

Rainfall as of August 4, 2014: 19.03"

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	78.8	588.6	+3
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	0.01"	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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