



Finger Lakes Vineyard Update

In the Vineyard

Hans Walter-Peterson

This will be the final weekly version of the Vineyard Update for the 2016 season. General updates on the season, harvest, and fruit ripening will continue to be published in the [Veraison to Harvest news-letters](#) each Friday for several more weeks. If there are any notices or news that we feel need to be communicated during harvest, we will send those out to you as they come.

Best of luck to everyone with the rest of harvest!

-Hans, Gillian, Don, Jim, Brittany

I know that there's very little free time available for lots of reading right now, so to keep it short and simple, here are just a few items to consider as harvest continues:

- A few growers have mentioned to us that they are surprised to be finding bunch rot/sour rot appearing in some spots in their vineyards, especially given how dry it has been this year. While it is true that it's likely that rain is probably needed to get the infections started, and can make the infections worse it may not necessarily be required for the disease to spread. We have seen (and smelled) sour rot developing in fruit this year that had been dry for a week, but injuries caused by birds opened the way for the yeasts and bacteria that create sour rot to start infecting the berries. Once the fruit is injured and the organisms and fruit flies have a way to access the interior of the berry, rot can develop even if the weather stays dry. What may be having more of an effect on rot development in some of these cases is the warm temperatures that we've been having. The disease develops quickly at temperatures in the upper 60s to upper 70s, and we've been having plenty of those over the past few weeks.

As mentioned before, the use of an anti-microbial spray like Oxidate, along with an insecticide that is labeled for use with fruit flies, has shown promise as a way to slow the spread of sour rot infections. Research is still ongoing on this practice, so it probably isn't a flat-out recommendation at this point, but the results have been good enough so far that it would be worth a try if you're fighting sour rot this year.

You can read my summary of Wayne's write-up on sour rot in [last week's Vineyard Update](#).

In the Vineyard (continued from page 1)

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A box of 'Jupiter' seedless grapes harvested from the Teaching Vineyard last week.

- The Finger Lakes received a much-needed drink of water this past weekend. Rainfall totals around the area ranged from about 0.75" to well over 3" at one station (Varick). That much rain probably didn't help with the sour rot situation (see above), but the water should help to alleviate some of the stress that the vines have been under recently.

- The [New York Grape & Wine Classifieds](#) have been getting a lot of use lately, and we're very happy to see that. Even better, it appears that not only are ads being posted, but a lot of them are ending as successful transactions as well. While much of the activity on the site is from the Finger Lakes, there are listings from many different regions of the state.

This winter, we will be sending out a short survey to all of the users of the site for their feedback on the new system and how successful it was for them this year. So if you have posted an ad on the site this year, please keep an eye out for that survey. It will help us to document the impact that the system has for the industry, and to also make improvements to the site.

We still offer the service for free, and will continue to do so as long as we can, but the effort is not without some cost to us (mostly time to maintain the site). If you were able to buy or sell some grapes this year because of the site, or found a new employee or intern, or found that used piece of equipment that you were looking for, please consider making a small donation to help support the site. You can now send a donation to the FLGP [through our website by clicking here](#), or you can send something through the mail if you prefer. Either way, we would greatly appreciate whatever support you might be able to send.

- On a more personal note, I'm happy to announce that our videographer, Jim Monahan, and his wife Emily are new parents as of Monday night. Baby Seth, mom and dad are all doing well, although I'm guessing the effects of sleep deprivation on the parents will be kicking in any time now, if they haven't already. Congratulations Jim and Emily!

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.



Training on Changes to Worker-Protection Standards Regulations

Wednesday, October 5

Dickman Farms

13 Archie Street, Auburn NY

A number of significant changes to the federal Worker Protection Standard for Agricultural Pesticides (WPS) will go into effect on January 2, 2017. These changes will affect farms, greenhouses, nurseries, forests, and other establishments (including organic establishments) on which pesticides are used in the production of agricultural crops.

If you use, supervise the use, or are responsible for the use of pesticides on such establishments, the Department of Environmental Conservation (NYSDEC) invites you to attend a WPS Mock Inspection on the morning of October 5th at Dickman Farms, 13 Archie Street, Auburn, NY. NYSDEC staff will be on hand to explain the rule changes and how to comply with them.

Check-in is from 9:30 to 10:00, with training to follow from 10:00 to noon. Attendees who are certified to apply pesticides in Categories 1A, 1D, 10, 21, 22, 23, 24, or 25 will earn 2 recertification credits. (Remember to bring your NYS pesticide certification photo ID card.)

To register, please send an e-mail to PesticideCompliance@dec.ny.gov. If currently certified in New York as a pesticide applicator or commercial technician, include your Certification ID Number.

You can find additional information about changes to the WPS on EPA's website at: <https://www.epa.gov/pesticide-worker-safety/revisions-worker-protection-standard>.

2016 Growing Degree Days and Rainfall

FLX Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
9/14/16	72.3	58.3	0.00	15.3	2734.4
9/15/16	72.8	49.2	0.00	11.0	2745.4
9/16/16	79.6	50.1	0.00	14.9	2760.3
9/17/16	76.1	60.4	0.05	18.3	2778.5
9/18/16	82.7	65.7	1.43	24.2	2802.7
9/19/16	83.7	64.9	0.02	24.3	2827.0
9/20/16	85.5	60.3	0.00	22.9	2849.9
Weekly Total			1.50"	130.8	
Season Total			11.57"	2849.9	

GDDs as of September 20, 2015: 2688.9

Rainfall as of September 20, 2015: 20.42"



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Finger Lakes Grape Program

September 21, 2016

Seasonal Comparisons (at Geneva)

Growing Degree Days

	2016 GDD ¹	Long-term Avg GDD ²	Cumulative days ahead (+)/behind (-) ³
April	36.1	65.2	-9
May	270.1	252.3	0
June	489.1	480.6	0
July	695.9	639.8	+3
August	742.9	588.2	+15
September	362.3	351.0	N/A
October		105.2	
TOTAL	2596.3	2481.8	

1 Accumulated GDD's for the Month

2 The long-term average (1973-2015) 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.

Precipitation

	2016 Rain ⁴	Long-term Avg Rain ⁵	Monthly deviation from avg ⁶
April	1.17"	2.89"	-1.72"
May	1.66"	3.11"	-1.45"
June	0.65"	3.68"	-3.03"
July	1.01"	3.42"	-2.41"
August	2.22"	3.15"	-0.93"
September	1.73"	3.64	
October		3.22	
TOTAL	8.44"	23.12"	

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



Become a fan of the [Finger Lakes Grape Program on Facebook](#), or follow us on [Twitter \(@cceflgp\)](#) as well as YouTube. Also check out our website at <http://flgp.cce.cornell.edu>.

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

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