

Cornell Cooperative Extension Finger Lakes Grape Program



May 19th, 2022

Finger Lakes Vineyard Update

In the Vineyard

I am in California to give a talk at a symposium this week, so today's Vineyard Update is fairly minimal. I'll be back in the Finger Lakes next week. – Hans

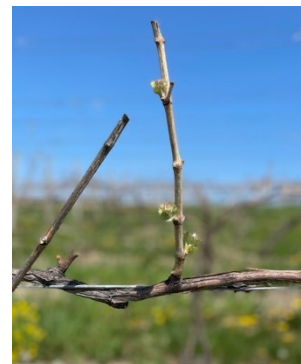
Amazing what a few days of heat and sunshine will do to grapevines, isn't it? In the span of about 4-5 days, a lot of vineyards went from budswell to 3-4" shoots. This got a lot of growers scrambling to keep up with early season tasks like getting first sprays of the season on and getting started with shoot thinning in certain spots.

Some growers left blocks unpruned or "long pruned" in anticipation of high levels of bud injury. In some blocks that I saw last week, this has paid dividends with many of these longer spurs or extra canes are carrying buds that can help to make up for the higher levels of winter injury. Vineyards with native and hybrid varieties are looking pretty good overall as far as winter bud or vine injury goes. After visiting more areas around the Finger Lakes last week, I think we can say that, while there is more injury than a "normal" winter, it's not a region-wide disaster of a year. Some *vinifera* blocks were definitely hit hard, and managing those blocks as they recover (if they recover) will be a challenge for the next year or two.

Our next bit of information about the season will start to become apparent over the next several days, as we start to see how many clusters the vines are carrying this year. It would seem reasonable to expect lower cluster numbers after a heavy crop last year, but the weather around and afterwards was pretty good, so it's possible that cluster initiation in this year's buds could be better than expected. Time will tell.

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Five-bud spur with three emerging shoots.

IPM

As I mentioned, with some blocks reaching 3-5” of shoot growth, a number of sprayers were out and about in the vineyards at the end of last week getting the first early sprays on for phomopsis. Research done by Wayne Wilcox a number of years ago confirmed the positive impact these first couple of early sprays can have with regard to “return on investment” by preventing cluster stem and berry infections, which can lead to yield losses at the end of the season due to early shelling. Vineyard blocks with more older wood (>1yr old) and trained on high wire trellis systems are most susceptible to heavier phomopsis pressure, while cane pruned vines on low-wire systems like VSP are under less. The dry conditions we had last week also helped to keep pressure low, but the return of rains this week will mean the potential for new infections returns.

SLF Identification Poster for Field Workers (attached)

The NYS IPM program has created a poster for use at NY farms to help field crews identify the various life stages of spotted lanternfly (SLF). The posters are in both English and Spanish, and include information what to do in case somebody thinks they might have seen SLF nymphs, egg masses or adults in the vineyard. The poster is included in this week’s Update, following this article, and you are free to print a copy for your own farm. We have a few printed copies (they are standard 8 ½ x 11” in size) at our office in Penn Yan as well. If you would like to have us send one to you, please contact Brittany Griffin at 315-536-5134 or bg393@cornell.edu and she can make arrangements to get it to you.

PEST NOTICE: SPOTTED LANTERNFLY

¡Atención! Nueva Plaga Invasora: La Mosca Linterna con Manchas

Spot it!—When working in the vineyard or walking the perimeter.

¡Detéctela!—Al trabajar en el viñedo o caminar por el perímetro.



Adult Lanternfly. // *La Mosca Linterna con Manchas Adulta.* Lawrence Barringer, Pennsylvania Department of Agriculture, Bugwood.org.



Dead Adult Lanternfly. // *Muestra de un Adulto Muerto.* Lawrence Barringer, Pennsylvania Department of Agriculture, Bugwood.org.

Report it!—Notify vineyard management immediately. Early detection is important.

¡Repórtela!—Notifique a la gerencia del viñedo. La detección temprana es importante.



Older Nymph Stage. // *Estado de Ninfa Avanzada.* Lawrence Barringer, Pennsylvania Department of Agriculture, Bugwood.org.



Young Nymphs. // *Estado de Ninfa Temprana.* Richard Gardner, Bugwood.org.



Spotted Lanternfly Eggs on Grapevines. Egg masses have the appearance of a waxy patch and can be found on many surfaces. // *Los huevos de la Mosca Linterna con Manchas en las viñas de uvas. Las masas de huevos parecen como parches cerosos y se encuentran en muchas superficies.* Eric Clifton, BioWorks Inc.



Destroy it!—All life stages that you find.

Approved pesticides can be found online.

¡Elimínela!—En toda etapa de la vida en que se encuentre. Los pesticidas aprobados se pueden encontrar en línea.

Don't Move it!—Check your car and equipment before traveling.

¡No la disperse!—Revise su carro y equipo antes de viajar.

Agricultural Supervisory Leadership Certificate Program

Managing Performance

June 17 - July 28, 2022



Supervisors are critical to the success of farm businesses. They have a major impact both on employees' daily work experiences and on the production performance of the business. The Agricultural Supervisory Leadership certificate helps farm supervisors and managers learn and apply human resource management practices and leadership skills that foster rewarding workplaces and drive business results. Confident managers who thoughtfully apply leadership and management skills improve employee performance, develop teams, reduce employee turnover, and increase employee engagement. The courses within the certificate program will offer extensive practice and engagement activities to build confidence and skill sets.

Course Topics

- Understand motivation
- Harness the power of performance feedback and coaching
- Build clear and effective workplace communications
- Set safety expectations
- Conduct effective performance improvements

[Register Online](#)

\$275 per person

Materials will release June 17, 2022 and live weekly Zoom discussions will be held from 11 AM to noon EST each Thursday from June 23 through July 28. Participation in the live sessions is highly encouraged and provides a valued opportunity for peer-to-peer learning and networking. Continuing education credits are now available.

For questions, contact Rachel McCarthy, Supervisory Leadership Certificate Program Coordinator, at rachel.mccarthy@cornell.edu.

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 Virtual Tailgate Meeting

Tuesday, June 14 *4:30 – 6:00 PM*

Via Zoom

Our next virtual Tailgate Meeting of 2022 will be held on Tuesday, June 14. As always, the agenda for these meetings is very loose, so please come with your questions, observations, opinions about what's going on in the vineyard.

Participants will need to register before attending their first virtual meeting in order to receive the Zoom link. Registration for the online Tailgate Meetings is only required once – the link you receive when you register will work for all four online meetings this year.

Online Tailgate Meeting Registration: <https://bit.ly/3M2peJp>

The virtual and in-person Tailgate Meetings have been approved for 0.75 pesticide recertification credits. We will also need to receive an image or photocopy of your pesticide license before the first meeting that you attend. These images/copies can be sent to Brittany Griffin at bg393@cornell.edu. More information will be included in your confirmation email.

2022 GDD & Precipitation

FLX Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
5/11/22	79.8	47.8	0.00	13.8	124.7
5/12/22	83.7	49.4	0.00	16.6	141.2
5/13/22	82.3	59.0	0.00	20.7	161.9
5/14/22	82.6	60.9	0.00	21.8	183.6
5/15/22	82.8	61.3	0.00	22.1	205.7
5/16/22	73.2	51.4	0.66	12.3	218.0
5/17/22	60.6	48.4	0.00	4.5	222.5
Weekly Total			0.66"	111.6	
Season Total			2.78"	222.5	

GDDs as of May 17, 2021: 156.8

Rainfall as of May 17, 2021: 3.94"



Seasonal Comparisons (at Geneva)

	2022 GDD ¹	Long-term Avg GDD ²	Cumulative days ahead (+)/behind (-) ³
April	58.3	62.9	-2
May	139.6	254.6	+3
June		484.1	
July		645.5	
August		595.7	
September		359.9	
October		112.8	
TOTAL	197.8	2515.5	

¹ Accumulated GDDs for each month.

² The long-term average (1973-2021) 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.

2022 GDD & Precipitation

Precipitation

	2022 Rain ⁴	Long-term Avg Rain ⁵	Monthly deviation from avg ⁶
April	2.00"	2.83"	-0.82"
May	0.37"	3.09"	
June		3.52"	
July		3.46"	
August		3.22"	
September		3.46"	
October		3.47"	
TOTAL	2.37"	23.05"	

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!

Finger Lakes Grape Program Advisory Committee

Eric Amberg- Grafted Grapevine Nursery
Bill Dalrymple- Dalrymple Farm
Matt Doyle- Doyle Vineyard Management
Eileen Farnan- Barrington Cellars
Chris Gerling- Cornell University Extension
Mike Collizi- E & J Gallo
Tina Hazlitt- Sawmill Creek Vineyards
Cameron Hosmer- Hosmer Winery
T.J. Brahm – Randall Standish Vineyards

Harry Humphreys- Overlook Farms
Gregg McConnell- Farm Credit East
Herm Young– Young Sommer Winery
John Santos- Hazlitt 1852 Vineyards
Steve Sklenar– Sklenar Vineyard
Justine Vanden Heuvel- Cornell University
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Kim Marconi – Three Brothers Wineries & Estates

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Cornell Cooperative Extension Finger Lakes Grape Program

Hans Walter-Peterson—Team Leader
Donald Caldwell—Viticulture Technician

The Finger Lakes Grape Program is a partnership between Cornell University and the Cornell Cooperative Extension Associations in Ontario, Seneca, Schuyler, Steuben, Wayne and Yates Counties.

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