

# Cornell Cooperative Extension Finger Lakes Grape Program



June 22nd, 2021

## Finger Lakes Vineyard Update

### In the Vineyard

*I will be on vacation from Wednesday, June 23 through Monday, July 5, returning on July 6. Our superstar administrative assistant, Brittany Griffin, will also be out of the office during that same period. However, we are leaving the FLGP in the very capable hands of our field tech, Don Caldwell, so if you need anything while we're gone, you can contact Don at [dc886@cornell.edu](mailto:dc886@cornell.edu) or 315-759-1069. - Hans*

### In the Vineyard

Most vineyards are through or finishing up bloom and we're starting to see initial indications of how fruit set is going. At the Teaching Vineyard in Dresden, our Marquette clusters have set very well (photo) and other early varieties like Cayuga White and our table grapes seem to be in pretty good shape so far. Our *vinifera* cultivars are still finishing up bloom, so we should start to get a better idea of set over the next week or so.

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### IPM

I've had a few calls this week from growers who are starting to feel like they're seeing more downy mildew showing up recently despite spray programs that they feel should be keeping the disease in check. It is somewhat concerning that DM infections are already showing up this early in the season, although the weather has definitely become more DM-friendly over the last couple of weeks.

### IPM (continued from pg. 1)

I have mentioned that we have found populations in the Finger Lakes that have the gene mutation that confers resistance to these fungicides, and my concern is that we will be finding more over time. THIS IS NOT TO SAY THAT GROWERS SHOULDN'T USE REVUS AND REVUS TOP ANY LONGER! It is a reminder, however, that good resistance management practices (i.e., no more than 2-3 uses per year and not back-to-back) are critical with this material. Katie Gold and I are still interested in collecting DM samples this year in vineyards where there is concern about Revus (FRAC 40) losing effectiveness against DM. If you are concerned that Revus/Revus Top/Zampro might not be working quite as well as they used to, reach out to me and we'll make arrangements to come and collect a sample.



Katie offered some bullet points for me to include in this week's newsletter about other materials that are still very viable DM materials if growers want to consider scaling back their use of FRAC 40 materials.

- There's might still be time to apply RIDOMIL GOLD MZ (ridomil + mancozeb) for immediate post-bloom, which I STRONGLY recommend if you are concerned about downy this year. Only use this ONCE. Ridomil Gold/Copper (ridomil + copper) is another option with a shorter PHI.
- Growers can use GAVEL (zoxamide + mancozeb) to give mancozeb a bit of an extra oomph until it runs out. Gavel also has a 66-day PHI.
- Half of ZAMPRO is still safe and EFFECTIVE to use! Ametotocetradin (the material that is not in FRAC 40) is VERY effective against DM and can stand on its own without the dimethomorph (Revus cousin) to back it up. The risk is that ametotocetradin is also material with a HIGH resistance risk, and if you have Revus resistance then you will NOT have the Revus cousin to back it up. DO NOT USE TWICE IN A ROW. ALWAYS rotate with unrelated material between applications. Can use up to 3x total (less if you sprayed Revus this year). I recommend using no more than twice.
- [Ranman + Phosphyt/Rampart] combo can be used up to 3x per season. If you have bad DM and don't want to use captan you can rotate this with Zampro in the late season. This combination is expensive but will keep it under wraps.
- Use CAPTAN in late season if you are already seeing DM right now. Cueva is another option if you don't want captan.

# Finger Lakes Vineyard Update

## Finger Lakes Grape Program

June 16th, 2021

IPM (continued from pg. 2)

*GBM Model – June 21*

Location	GDDs	Biofix Date	Pest Status	Management Recom-
Dresden	508	5/30/2021	*	#
Lodi	460	5/26/2021	*	#
Romulus	480	6/1/2021	*	#
Hammondsport	425	6/3/2021	*	#
South Bristol	432	6/3/2021	*	#
Williamson	388	6/5/2021	*	#

\* Feeding by first generation will cease and pupation will begin when approximately 500 DD have accumulated after wild grape bloom.

### Management Recommendation

# The time for treatment of first generation grape berry moth is over.

### 45th ASEV-Eastern Section Annual Virtual Meeting

**July 7-8, 2021**

Join us for the 45th Annual Virtual Conference of the American Society for Enology and Viticulture-Eastern Section (ASEV-ES) July 7-8, 2021. Registration for the ASEV-ES conference is open.

Registration is \$25 for a student, \$50 for a member, and \$100 for a nonmember. An overview of the conference schedule is listed below. The full program is available to view at [https://nygpadmin.cce.cornell.edu/pdf/event/pdf516\\_pdf.pdf](https://nygpadmin.cce.cornell.edu/pdf/event/pdf516_pdf.pdf)

**We are using Whova (<https://whova.com/>) to register for and host the virtual conference via Zoom. Register using this link [https://whova.com/portal/registration/asoea\\_202107/](https://whova.com/portal/registration/asoea_202107/)**

#### **Tentative Conference Overview (Eastern Standard Time)**

##### Wednesday, July 7, 2021

9:30-10:00 am: *Preconference*

10:00-10:15 am: Introductions and Welcome

10:15-11:00 am: Encouraging Promotion and Success in Grape and Wine Industries, *Doniella Winchell, Ohio Wine Producers*

11:00am-12:00 pm: ASEV-ES Technical Sessions and Student Competition

12:00-12:30 pm: *Break*

12:30-1:30 pm: ASEV-ES Business Meeting

1:30-2:00 pm: *Break*

2:00-4:00 pm: ASEV-ES Technical Sessions, Student Competition Sessions and Poster Flash Talks

4:00-5:00 pm: Concurrent poster sessions in a breakout

##### Thursday, July 8, 2021

9:30-10:00 am: *Preconference*

10:00-10:15 am: Introductions and Welcome

10:15 am-12:00 pm: Panel: Future Grape Cultivars for Eastern North American Growers

- *Dr. Matthew Clark, University of Minnesota*
- *Dr. Joseph Fiola, University of Maryland Extension*
- *Dr. Oliver Trap, Institute for Grapevine Breeding, and*
- *Dr. Daniel Ward, Rutgers University)*

12:00-12:30 pm: *Break*

12:30-1:30 pm: ASEV-ES Technical Sessions and Student Competition

1:30-2:00 pm: *Break*

2:00-4:00 pm: ASEV-ES Technical Sessions, Student Competition Sessions and Poster Flash Talks

4:00-5:00 pm: Wines of the East Virtual Reception and Awards

# Eastern Viticulture and Enology Forum

*Grower and Winemaker Town Hall: Questions From the Field and Cellar*

**In collaboration with viticulture and enology extension programs at:** Ohio State University, University of Maryland, Rutgers University, North Carolina State University, University of Georgia, University of Tennessee, Mississippi State University, Texas Tech, Texas A&M, Colorado State University, New Mexico State University, University of Nebraska, Iowa State University, Purdue University, University of Minnesota, Michigan State University, and University of Wisconsin

Regional viticulture and enology specialists will present a Grower and Winemaker Town Hall virtual meeting series to give seasonal updates and answer pre-submitted and live questions from grape and wine industry stakeholders.

***The structure of these meetings depends on pre-submitted questions. Use this [link to pre-submit questions](#) for viticulture and enology specialists to answer live during the meeting. Please feel free to submit questions related to any topic by July 6<sup>th</sup>. But please see below for the topic area suggestions for the July 13<sup>th</sup> meeting.***

***Viticulture focus area: post-fruit set to veraison*** (crop load management, canopy management, pest management, nutrient management, mechanization of vineyard operations)

***Enology focus area: primary fermentation*** (harvest decisions, fruit chemistry analysis, and fermentation options, e.g. non-Saccharomyces yeast, strain selection, ambient ferments)

**There will be a total of four town hall meetings throughout the growing season.** Meetings will be held from 3PM to 5PM on the following Tuesdays: July 13<sup>th</sup>, August 10<sup>th</sup>, and September 7<sup>th</sup>. The first two meetings will be hosted by Cornell University and the second two meetings will be hosted by Penn State Extension.

**Register using this [link](#) and choose your breakout room (viticulture or enology) for the July 13<sup>th</sup> meeting.** After registering, you will receive a confirmation email containing information about joining the meeting.

-[Cain Hickey](#), [Beth Chang](#), and [Tim Martinson](#)  
Eastern Viticulture and Enology Forum Hosts

### Upcoming

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 In-Person Tailgate Meeting

*Tuesday, July 6* *4:30 – 6:00 PM*  
*Boundary Breaks Vineyards*  
*1428 Porter Covert Road*  
*Lodi NY 14521*

Our next in-person Tailgate Meeting will be held on Tuesday, July 6. These meetings are primarily intended for those who are not able to or prefer not to participate in our virtual Tailgate meetings, but are open to anybody. The agenda for these meetings is very loose, so please come with your questions, observations, opinions about what's going on in the vineyard. The DEC has approved the meeting for 0.75 pesticide recertification credits (Categories 1a, 10, 22).

*There is no longer a limit on the number of people who can attend these outdoor meetings*, and therefore we are not requiring any pre-registration for them. Those who are fully vaccinated for COVID-19 are not required to wear masks or remain 6' apart during the meeting. Those who are not vaccinated will still need to wear a mask and keep physically distant from others.

### 2021 ASEV-Eastern Section Virtual Annual Conference

*July 7-8, 2021*

See announcement in this week's Update with information about this year's program and registration.

### Eastern Viticulture & Enology Forum: Grower & Winemaker Town Hall

*July 13, 2021 3:00 – 5:00 PM*

See announcement in this week's Vineyard Update

### Upcoming Events (continued from page 5)



#### FLGP Virtual Tailgate Meeting

Tuesday, July 20 4:30 – 6:00 PM

Via Zoom

Registration link: <https://cornell.zoom.us/meeting/register/tJwrceqprzksHNXJTbu-5ViDvfB9E0hcUObf>

Our next virtual Tailgate Meetings will be held on Tuesday, July 20. 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.

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](mailto:bg393@cornell.edu). More information will be included in your confirmation email.

#### EnoCert Classes for 2021

The EnoCert program is offered by Cornell's Enology Extension Laboratory. It is intended for current winery employees who would like to expand their practical knowledge of winery operations, or for motivated amateurs. All courses will be offered in one or two-day mix and match modules. Our goal is to provide a recognizable standard of training for participants who earn EnoCertification.

For more information, visit <https://grapesandwine.cals.cornell.edu/extension/enocert/> or email Cortni Stahl at [ckm53@cornell.edu](mailto:ckm53@cornell.edu).

#### ENOCERT 202 Certification Course: Tasting Room Sales Strategies\*

NEW Online format! Synchronous sessions approx. 8:30 am – 12:00 pm

August 2, 2021

**Overview:** Most consumers' first contact with the New York wine industry is in a tasting room, so understanding their interests, motivations, and educational needs is key to promoting the industry as a whole and increasing individual sales. In this course, participants will learn how to engage guests to create a fun and profitable tasting room experience.

#### ENOCERT 101 Certification Course: Basic Viticulture & Enology\* (Formerly new grower/new winery workshop)

NEW Online format! Synchronous sessions approx. 8:30 am – 12:00 pm

August 3-4, 2021

**Overview:** This course will cover the basics of grape growing from the ground up. Through live interactive lectures, participants will understand how vineyard site, climate, and trellising systems impact grape production and quality. Participants will also expand their understanding of production steps for specific wine types. Upon completing this course, attendees will learn how different wine types (white, red, rosé, sparkling) are produced, and the key decisions that need to be made to influence wine style.

### 2021 GDD & Precipitation

FLX Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
6/15/21	72.0	59.4	0.01	15.7	677.0
6/16/21	68.9	53.1	0.00	11.0	688.0
6/17/21	76.3	48.2	0.00	12.3	700.3
6/18/21	81.3	57.7	0.00	19.5	719.8
6/19/21	86.0	63.3	0.43	24.7	744.4
6/20/21	87.3	57.7	0.00	22.5	766.9
6/21/21	89.4	65.8	0.18	27.6	794.5
Weekly Total			<b>0.62"</b>	<b>133.2</b>	
Season Total			<b>6.12"</b>	<b>794.5</b>	

GDDs as of June 21, 2020: 664.0

Rainfall as of June 21, 2020: 5.86"



#### Seasonal Comparisons (at Geneva)

#### Growing Degree Days

	2021 GDD <sup>1</sup>	Long-term Avg GDD <sup>2</sup>	Cumulative days ahead (+)/behind (-) <sup>3</sup>
April	72.0	62.7	+2
May	256.6	254.6	+1
June	405.6	481.5	+6
July		646.4	
August		593.2	
September		358.7	
October		109.9	
TOTAL	734.2	2507.1	

<sup>1</sup> Accumulated GDDs for each month.

<sup>2</sup> The long-term average (1973-2019) GDD accumulation for that month.

<sup>3</sup> 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

	2021 Rain <sup>4</sup>	Long-term Avg Rain <sub>5</sub>	Monthly deviation from avg <sup>6</sup>
April	2.34"	2.83"	-0.49"
May	1.86"	3.12"	-1.26"
June	1.84"	3.55"	
July		3.43"	
August		3.20"	
September		3.49"	
October		3.40"	
TOTAL	6.04"	22.89"	

<sup>4</sup> Monthly rainfall totals up to current date

<sup>5</sup> Long-term average rainfall for the month (total)

<sup>6</sup> Monthly deviation from average (calculated at the end of the month)

# Finger Lakes Vineyard Update

Finger Lakes Grape Program

June 16th, 2021

## 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

**Luke Haggerty**- 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

**Peter Weis** – Weis Vineyards

**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.

[flgp.cce.cornell.edu](http://flgp.cce.cornell.edu)

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