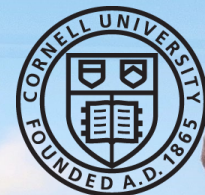


Cornell Cooperative Extension

Finger Lakes Grape Program



May 7th, 2021

Finger Lakes Vineyard Update

In the Vineyard

Budbreak is upon us in the Finger Lakes. The first cultivars at the Teaching Vineyard to receive their “official designation” from Don this year were mostly the usual suspects – Jupiter (April 24), Marquette (April 28) and Marquis (April 28). Chardonnay is typically fairly early as well, but this year was even moreso, reaching budbreak on April 30 at our site. Overall, budbreak dates this year have been about one week earlier than they were in 2018 and 2019, and about two weeks earlier than last year’s late budbreak (see table below).

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	Date of Budbreak			
	2018	2019	2020	2021
Riesling (3309C)	5/10/2018	5/14/2019	5/17/2020	5/5/2021
Riesling (Rip. Gloire)	5/10/2018	5/15/2019	5/17/2020	5/5/2021
Chardonnay cl. 76	5/6/2018	5/8/2019	5/15/2020	4/30/2021
Chardonnay cl. 96	5/8/2018	5/8/2019	5/15/2020	4/30/2021
Cabernet Franc (3309C)	5/9/2018	5/10/2019	5/17/2020	5/2/2021
Cabernet Franc (Rip. Gloire)	5/9/2018	5/11/2019	5/17/2020	5/2/2021
Lemberger (3309C)	5/7/2018	5/12/2019	5/17/2020	5/3/2021
Gruener Veltliner (101-14)	5/8/2018	5/10/2019	5/17/2020	5/5/2021
Marquis	5/5/2018	5/4/2019	5/14/2020	4/28/2021
Jupiter	5/5/2018	5/2/2019	5/5/2020	4/24/2021
Diamond		5/11/2019	5/16/2020	5/3/2021
Regent		5/14/2019	5/16/2020	5/4/2021
Catawba	5/7/2018	5/6/2019	5/14/2020	5/2/2021
Cayuga White	5/12/2018	5/14/2019	5/19/2020	5/4/2021
Vidal	5/12/2018	5/17/2019	5/19/2020	
NY 81.0315.17	5/9/2018	5/12/2019	5/16/2020	5/5/2021
Corot Noir	5/11/2018	5/14/2019	5/18/2020	5/4/2021
Marquette (3309C)	5/5/2018	5/5/2019	5/7/2020	4/28/2021
Marquette (own)	5/5/2018	5/5/2019	5/7/2020	4/28/2021

Budbreak dates for cultivars at FLX Teaching & Demonstration Vineyard, 2018-2021.

In the Vineyards (continued from page 1)

Our colleague Terry Bates, from Cornell's Lake Erie Research and Extension Lab, sent out his annual prediction for Concord bloom based on the heat accumulation of Lake Erie, which he has done for several years now. Terry's prediction is for Concord bloom to be on June 8 this year, which would be about one week earlier than average in that part of the industry. We don't have a comparable phenology data set here in the Finger Lakes (we're working on it), but I think the early start we've had to the season so far would certainly suggest that there's a good chance that we get to bloom a bit earlier than usual as well.



Photo credit: Don Caldwell, FLGP



Pest Management

With the arrival of budbreak and shoot growth comes preparations for the first sprays of the season. For grape growers, that's usually means preparing for phomopsis. Phomopsis is usually more of an issue in natives and other varieties that are trained to high-wire system, but it can show up in low-wire VSP-trained vines as well, particularly under high rainfall conditions. It overwinters on older wood, so the more old trunks and cordons that are retained, the greater the potential for high inoculum loads to be present when conditions are right and for greater disease incidence and severity.

Phomopsis is most active between budbreak and bloom, and can have a significant impact on yields if cluster stems get infected during this period. Therefore, the first spray for phomopsis should ideally be timed when the clusters are newly emerged – generally around 3-5" of shoot growth. These very early sprays have been shown to have a significant impact on grower revenues, so they will easily pay for themselves at the end of the year. Cut back on both rates per acre (25 gallons or less is usually sufficient) and airspeed for the first few sprays to reduce the potential for over-application or drift.

Not much has changed in the way of effective materials for phomopsis. Captan, ziram and mancozeb products are all effective at managing the disease, and have low (not zero) risk of resistance development. Remember that these materials are *only protective* against new infections. Once an infection gets started on the tissue, these materials (and nothing, really) are effective against phomopsis, so maintaining coverage when conditions warrant (free water from rainfall, past history of heavy infections) is particularly important.

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.



Spring Grape IPM Meeting (in-person)

Tuesday, May 11 *4:00 – 5:30 PM*

Scenic Hill Farm

3307 Old Bath Road

Penn Yan, NY

We will be holding an in-person version of the Spring IPM meeting on Tuesday, May 11. This meeting is primarily intended for those who do not have Internet access, or are unable to participate in the virtual Spring IPM Meeting for some other reason, but still need to get pesticide credits. Our protocol for in-person meetings limits attendance to 20 people, so pre-registration is required. All attendees will be required to be adequately spaced apart and to wear masks during the meeting. Further information will be given after registration.

To register for this meeting, please call Brittany Griffin at (315) 536-5134 or email her at bq393@cornell.edu. If you do have Internet access, you can also register online using the [Spring Grape IPM In-Person Registration link](#).

FLGP Tailgate Meetings

Every other Tuesday beginning May 25

4:30 – 6:00 PM

We have learned a lot of things during this pandemic – a lot of it has been bad or upsetting, but there have been a few things that emerged that we can move forward with. For wineries, it's been the switch to seated, reserved tastings, which many say they are going to continue even after public restrictions are lifted. Likewise, the FLGP and growers learned that holding grower meetings over Zoom isn't so bad after all. So in that vein, we will be alternating our Tailgate Meetings this year between online and in-person formats. As in past years, the meetings will be held from 4:30 – 6:00 PM and growers will be eligible to receive 0.75 pesticide recertification credits for attending each meeting.

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.



Finger Lakes Grape Program Tailgate Meetings 2021

The following is the schedule for this year's meetings:

Date	Location	County
May 25, 2021	Online	
June 8, 2021	Clearview Farms, 4150 Stever Hill Rd., Branchport NY 14418	Yates
June 22, 2021	Online	
July 6, 2021	Boundary Breaks Vineyard, 1568 Porter Covert Rd., Lodi NY 14860	Seneca
July 20, 2021	Online	
August 3, 2021	Kashong Glen Vineyards, 1107 Earls Hill Rd., Penn Yan NY 14527	Yates
August 17, 2021	Online	

Online Tailgate Meetings:

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

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. 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.

In-person Tailgate Meetings:

Registration: Call Brittany Griffin at 315-536-5134, or register online using the following links:

June 8 Tailgate Meeting (Clearview Farms): https://reg.cce.cornell.edu/InPersonTailgate1_10504

July 6 Tailgate Meeting (Boundary Breaks): https://reg.cce.cornell.edu/InPersonTailgate2_10504

August 3 Tailgate Meeting (Kashong Glen): https://reg.cce.cornell.edu/InPersonTailgate3_10504

These meetings are primarily intended for those who are not able to participate in our online meetings. In accordance with our protocols for in-person meetings due to COVID-19, each meeting will be limited to 20 participants, and physical distancing and masks will be required for everyone who attends.

2021 GDD & Precipitation

FLX Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
4/29/2021	52.1	47.1	0.77	0.0	79.4
4/30/2021	53.2	34.7	0.04	0.0	79.4
5/1/2021	59.7	34.7	0.00	0.0	79.4
5/2/2021	65.1	51.2	0.02	8.2	87.5
5/3/2021	67.5	49.2	0.16	8.4	95.9
5/4/2021	75.4	54.0	0.18	14.7	110.6
5/5/2021	58.7	47.0	0.05	2.9	113.4
Weekly Total			1.22"	34.1	
Season Total			3.06"	113.4	

GDDs as of May 5, 2020: 38.2

Rainfall as of May 5, 2020: 2.63"



Seasonal Comparisons (at Geneva)

Growing Degree Days

¹ Accumulated GDDs for each month.

	2021GDD ¹	Long-term Avg GDD ²	Cumulative days ahead (+)/behind (-) ³
April	72.0	62.7	+2
May	28.5	254.6	+4
June		481.5	
July		646.4	
August		593.2	
September		358.7	
October		109.9	
TOTAL	100.5	2507.1	

² The long-term average (1973-2019) 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

	2021 Rain ⁴	Long-term Avg Rain ₅	Monthly deviation from avg ⁶
April	2.34"	2.83"	-0.49"
May	0.31"	3.12"	
June		3.55"	
July		3.43"	
August		3.20"	
September		3.49"	
October		3.40"	
TOTAL	2.65"	22.89"	

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
Luke Haggerty- Constellation Brands
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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 Cornell Cooperative Extension partnership between Cornell University and the Cornell Cooperative Extension Associations in Ontario, Seneca, Schuyler, Steuben, Wayne and Yates Counties.

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