Cornell Cooperative Extension Finger Lakes Grape Program

September 3rd, 2020

Finger Lakes Vineyard Update

In the Vineyard

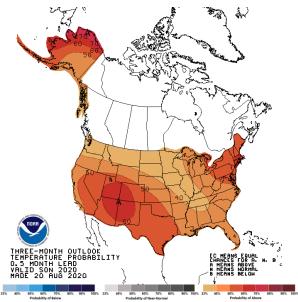
This will be the final weekly Vineyard Update newsletter for the 2020 season. We will continue to publish updates on how harvest is progressing and other pertinent information in the '<u>Veraison to Harvest</u>' newsletters that will be coming out every Friday for the next several weeks. If there is anything important that we want to communicate to growers between those newsletter issues, we will be sure to get that out to everyone on our mailing list. Best wishes to everyone for a safe and productive harvest. – The FLGP Team

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In the Vineyard

I'll have a little more on harvest progress in this week's Veraison to Harvest issue, but what we've been hearing so far is that things are riper than they normally are at this point (i.e.,

higher Brix) and that cropping levels are lower than expected. Constellation Brands reported that Aurore grapes came in lighter than expected and with significantly higher sugar content than anticipated. Our friends out the Lake Erie region are seeing similar trends in their early harvests as well. Concord crops are generally below average this year partly due to spring frost, but also as a result of smaller berries (due to dry weather during the summer) and larger crops the past couple of years.



We will have some more information about ripening status in tomorrow's Veraison to Harvest issue, but this could be shaping up to be one of those years where harvest gets compressed and ripening happens in a shorter window of time. The fall forecast from the National Weather Service is still predicting higher than normal temperatures for the northeastern US. If this bears out, that should mean that sugars bump up a bit higher and acidity drops a little faster than they would otherwise. Monitoring fruit chemistry in year's like this will be even more important in making harvesting decisions, rather than just simply relying on when something would normally be picked based on the calendar.

Pest Management

The dry weather since veraison has kept the levels of early cluster rots down so far. Early ripening, tight clustered varieties like Marquette and Vignoles remain quite clean overall. The lack of rain and high humidity conditions so far have kept down the amount of splitting we're seeing so far, but it's early of course. Hopefully we're in line for more of this same pattern for the next several weeks. The bigger problem we're seeing right now is bird predation of berries, which can then create opportunities for not only cluster rots but other pests like bees and Multi-colored Asian Ladybeetles (MALB) to get a foothold in those areas.

For a pretty thorough refresher on measures to control last season cluster rots, you can watch a recording of the August 11 webinar from Katie Gold and Greg Loeb on the Biology and Management of Post-Veraison Fruit Rots.

The following write-up about cluster rot materials appeared in Alice Wise's newsletter last week. Much thanks to her for letting me borrow it.

Botrytis bunch rot (BBR) control: A repeat of an earlier newsletter but cluster rot control is on everyone's mind right now. The fungicide options for this time of year:

1) Rovral. Due to resistance in years past, Rovral should not be the workhorse of your program. However, if you've been giving it a rest, it may be a useful when used on a limited basis. The use of an adjuvant improves control. Stylet Oil (assuming proximity to sulfur or captan sprays is not an issue) is a good choice. 7 day PHI (7 day preharvest interval).

2) Vangard, Inspire Super, Scala. (a.i. (active ingredient), cyprodinil) Vangard is absorbed into the berries, so it's rainfast and has limited post-infection activity. Vangard is highly prone to resistance development. The label allows a max of two applications per season, but keep it to a single spray each year unless you really get into a bind. Scala – same chemistry and mode of action as Vangard, the two have performed similarly in a limited head-to-head tests. Inspire Super is a combo product with only 24% cyprodinil (vs. 75% cyprodinil in Vangard). Seven-day PHI

3) Elevate. (a.i., fenhexamid) Originally sold as a surface protectant, this does provide good protective activity within the berries. There is a resistance risk, not as significant as that for Vangard. The label allows a max of three applications per season, but European guidelines recommend just one, in rotation with unrelated materials. Can be applied up to the day of harvest.

The following materials are either organically approved or are considered low impact, i.e. they have a 4 hour reentry interval, 0 day pre-harvest interval.

4) Oxidate 2.0. (a.i., hydrogen dioxide) Oxidate is a surface sterilant. In local trials, it burned out Botrytis sporulation; however, since the fungus is established in the flesh of the berry, new sporulation reappeared within a week. The temporary reduction in sporulation may help to reduce spread, particularly with repeat applications. Perhaps best used in rotation with botrycides. OMRI approved

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Birds seem to be the primary reason for injury to berries right now, more so than

moisture.

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Pest Management (continued from page 2)

5) Double Nickel. (a.i., Bacillus amyloliquefaciens strain D747) A biological material labeled for Botrytis and sour rot control. Wilcox results: in 2015, it did not provide good control of BBR. OMRI approved.

6) Fracture (Blad) (a.i., Banda de Lupinus albus doce) A polypeptide derived from germinating sweet lupine plants, it breaks down fungal cell walls. Labeled for Botrytis; has a 2ee for suppression of sour rot.

7) PhD, Oso. (a.i., polyoxin D salt) Oso is the OMRI-approved version. Labeled as a preventative for application at veraison and 7 days preharvest. Adjuvants may help coverage. Commercial experience suggests it may help with control of cluster rot. Might be useful as a rotational option.

8) Vacciplant. (a.i., laminar in) A polysaccharide sugar that occurs naturally in plants. Classified as an SAR inducer. that is, it supposedly causes plants to turn on their own natural defenses. Recommended as part of an integrated program. Label states to tank mix with another registered material if pressure is heavy.

9) Botector. (a.i., Aureobasidium pullulans) A biological fungicide that has been used locally with some success. In the LIHREC vineyard, this has been useful when wet fall weather starts up some Botrytis in the reds, particularly Merlot. The label cautions about tank mixing other fungicides as they may be detrimental to this organism. OMRI approved.

10) Timorex Gold. (a.i., tea tree oil) A naturally occurring product that is found in the tea tree, Melaleuca alternifolia. It degrades rapidly through volatilization with 90% gone within 24 hours so there is no forward protection. The label claims control of Botrytis and sour rot. There has been no testing in New York, so proceed with caution. OMRI approved.

2020 Grape Price List

This year's grape price list presents an illustration of what we've been hearing from the industry this year in terms of the grape market. With wine sales slowed due to the COVID-19 pandemic and most wineries cutting back on purchases this year, there is little incentive for most prices to move higher.

There are a couple of notable exceptions to this, however. The biggest one for many growers is the increase in the average price for Concord, which is up more than 6% thanks to price increases by Bully Hill (6% increase), Fulkerson (8% increase), and most notably, Constellation Brands, which raised its price by 28% this year compared to 2019. While wine sales have slowed during the pandemic, Concord sales have increased significantly, surplus juice has disappeared quickly, and there is a higher demand for the variety this year.

The other increase of note is for Cabernet Franc, which went up by about 4.2% over 2019 prices. This isn't terribly surprising given the recent increases in demand for Cab franc grapes over the past few years, which appears to continue into 2020. There are smaller increases in prices for Pinot gris and Pinot noir (0.8% and 1.2%, respectively) and for Sauvignon Blanc, although only two price lists included the variety.

I was especially interested to see where the price for Riesling would end up this year, given the fact that it's been a harder sell last year and this year. Overall, for those wineries who included Riesling in their lists in 2019 and 2020, the average price did not change this year. In fact, prices were identical except for one winery which increasing its price by \$100/ton, while another decreased its price by \$100. So the grapes that are purchased will have a value similar to last year, but based on conversations with growers, there will still be some Riesling this year without a home.

The full price list is included in this issue of the Vineyard Update, and will be posted to our website in the next day or two. I want to express my thanks again this year to all of the wineries that supply their price lists to us to include in this resource.

Cornell Cooperative Extension Announces Forage Exchange

Within New York State several regions have experienced drought conditions reducing the quality and quantity of forages produced for dairy and livestock production. To help agricultural producers locate forage to purchase, or for producers that have forage to sell, Cornell Cooperative Extension announces the <u>NYS Forage Exchange website</u>.

The NYS Forage Exchange provides a free system to match potential sellers and buyers of forage within New York State. Sellers can easily register within the system and then post the forage they have available to sell. Potential purchasers can browse the advertisements, and then contact the seller through email for additional information or to complete purchase arrangements. <u>A</u> screencast on how to use the NYS Forage Exchange is available.

This is a moderated website, so all ad submissions are reviewed for appropriateness before publication on the forage exchange website. The information provided is general and educational in nature. Employees of Cornell University and Cornell Cooperative Extension do not endorse or recommend any specific product or seller listed on this site.

2020 Finger Lakes Grape Price Survey Prices/ton

ə 8 ueyว %	-15.4%	-9.8%	0.0%	4.2%	-0.4%	0.0%	-0.1%	-1.0%	-3.2%	0.0%	0.0%	-0.8%	0.0%	-0.1%	6.4%	0.1%	0.0%	-3.0%	-13.6%	0.0%	5.0%	0.0%	0.0%	0.0%	-0.7%	0.1%	0.0%	0.0%	-9.0%
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Spring Ledge (Royal)		285					360	500							310				275		350								380
тмэИ рэЯ				1900	1900																				2000				400
Lakewood Vineyards			625	1500				600				1400			375		475	475				006			1650				
Hunt Country Vineyards				1700	1800		350	600	800			1400			275	600	500												450
Heron Hill Winery			650	1500	1700			650				1500													1700		1800		
Hazlitt 1852 Vineyards							355								300											375			530
Hazlitt's Red Cat Cellars															300														
Glenora Wine Cellars			625	1600	1750		350	600				1350												575	1650				450
Fulkerson Winery	500	420	600	1700	1700		340	500		600		1400			325	600	525	400	500	1600					1700	400	1600	700	
Fox Run Vineyards				1800				600				1275																	300
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	Aromella	Aurore	Baco Noir	Cabernet franc	Cabernet Sauvignon	Castel	Catawba	Cayuga White	Chambourcin	Chancellor	Chardonel	Chardonnay	Chelois	Colobel	Concord	Corot noir	De Chaunac	Delaware	Diamond	Dornfelder	Elvira	Frontenac	Frontenac Gris	Geneva Red (GR7)	Gewurztraminer	Golden Muscat	Gruner Veltliner	Himrod	Hybrid - Red

2020 Finger Lakes Grape Price Survey Prices/ton

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2020 Finger Lakes Grape Price Survey

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Sort9 BvA 8102	1825	793	913	600	621	1650	807	1600	582	800	705	1700	1800
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əgetəvA	1825	786	888	600	621	1650	779	1600	582	725	729	1600	1650
Swedish Hill Vineyard		650	800		600		600		650	500	500	1600	1400
Spring Ledge (Royal)													
тмэИ рэЯ										800	800		
lakewood Vineyards			1000		650		800		625				
Hunt Country Vineyards		700	850		650		800						
Heron Hill Winery		006			600								
sbreyeniV 2281 ttilseH		800											
Hazlitt's Red Cat Cellars													
Glenora Wine Cellars	1750				650		750		525	1000	1200		
Fulkerson Winery	1900	800	006		600		800		600				1900
sbısyəniV nuЯ xo٦		700											
səniW noitellətznoD									510		415		
Bully Hill Vineyards		950		600	600	1650	800						
рвоЯ үпонтnA							006	1600		600			
этьV	Syrah	Traminette	Valvin muscat	Verdelet	Vidal blanc	Vidal blanc, late harvest	Vignoles (Ravat)	Vignoles Late Harvest	Vincent	Vinifera - Red	Vinifera - White	Viognier	Zweigelt

Note:

1. Boxes in the "% change" column highlighted in blue indicate that there was a different numbers of buyers for that variety between 2019 and 2020,

Avg price down more than 0.5% from '19 Avg price 0.5% change or less from '19 Avg price up more than 0.5% from '19

> 2. The average price listed is merely an average of the stated prices. It is not weighted based on tons purchased at each price. therefore those values cannot be considered as accurate of a measure of the change in the price for that variety.

3. Some premium prices may not be listed. Some processors may have sliding price scales, based on brix or other factors.

The US Census: Why and How to Respond (Information from <u>https://2020census.gov/en.html</u>)

The count is mandated by the Constitution and conducted by the U.S. Census Bureau, a nonpartisan government agency. The 2020 Census counts the population in the United States and five U.S. territories (Puerto Rico, American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands). Each home will receive an invitation to respond to a short questionnaire—online, by phone, or by mail.

Why We Conduct This Count

The census provides critical data that lawmakers, business owners, teachers, and many others use to provide daily services, products, and support for you and your community. Every year, billions of dollars in federal funding go to hospitals, fire departments, schools, roads, and other resources based on census data.

The results of the census also determine the number of seats each state will have in the U.S. House of Representatives, and they are used to draw congressional and state legislative districts.

It's also in the Constitution: Article 1, Section 2, mandates that the country conduct a count of its population once every 10 years. The 2020 Census will mark the 24th time that the country has counted its population since 1790.

Counting Everyone

Participating in the census is required by law, even if you recently completed another survey from the Census Bureau. A complete and accurate count is critical for you and your community, because the results of the 2020 Census will affect community funding, congressional representation, and more.

Responding to the Census

It's not too late to complete your 2020 Census.

The 2020 Census is happening now. You can complete your questionnaire online, by phone, or by mail.

The 2020 Census asks a few simple questions about you and everyone who was living with you on April 1, 2020.

Who Should Respond

The 2020 Census counts everyone living in the United States and its five territories (<u>Puerto Rico</u>, <u>American Samoa</u>, <u>the Commonwealth of the</u> <u>Northern Mariana Islands</u>, <u>Guam</u>, and <u>the U.S. Virgin Islands</u>).

One person should respond for each home. That person must be at least 15 years old. They should live in the home or place of residence themselves and know general information about each person living there. (For more information, visit <u>Questions Asked</u>.)

How to Respond

Please complete your form online, by phone, or by mail when your invitation to respond arrives.

How to Respond Online

Visit <u>https://my2020census.gov</u> to begin. If you are responding online, please note that you cannot save your progress and that you must complete the census in one sitting.

How to Respond by Phone

You have the option of completing the questionnaire by phone. To begin, call <u>844-330-2020</u>

How to Respond by Mail

To respond to the census, you can mail back the paper questionnaire sent to your home.

census facts

2020 Census data will help inform how billions of dollars are distributed to states and communities every year for the next 10 years.



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The US Census: Why and How to Respond (Information from <u>https://2020census.gov/en.html</u>)

Most households received their invitation to respond to the 2020 Census in March. These official Census Bureau mailings included detailed information and a Census ID for completing the census online.

In mid-April, the Census Bureau began mailing paper questionnaires to homes that have not yet responded online or by phone.

When responding, use blue or black ink to fill in the questionnaire. Do not use a pencil.

When finished, return the questionnaire in the envelope we provided. If you have lost your return envelope, please mail your completed questionnaire to:

U.S. Census Bureau National Processing Center 1201 E 10th Street Jeffersonville, IN 47132

Verifying Your Questionnaire

There are several ways you can confirm that the 2020 Census questionnaire you received is legitimate:

The outer envelope's return address will say "U.S. Census Bureau" and "U.S. Department of Commerce," which is the Census Bureau's parent agency.

The return address will also show:

U.S. Census Bureau National Processing Center 100 Logistics Avenue Jeffersonville, IN 47144

The enclosed envelope for mailing the completed paper questionnaire will be addressed to either **Jeffersonville**, **IN**, or **Phoenix**, **AZ**, where the Census Bureau has mail processing centers.

When in doubt, you can review sample copies of all official Census Bureau mailings for the 2020 Census.

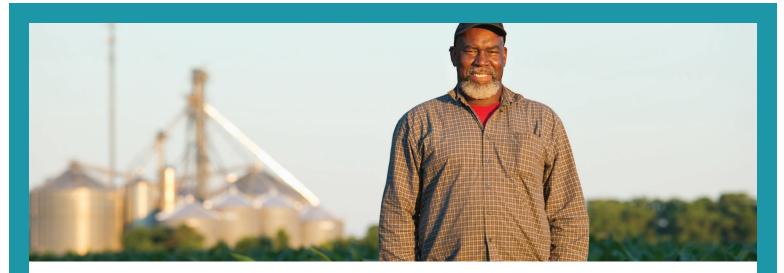
LEARN MORE

The Census Bureau will never ask you for:

- Your full Social Security number.
- Your bank account or credit card numbers.
- Anything on behalf of a political party.

Money or donations.

In addition, the Census Bureau will not contact you on behalf of a political party.



Every town is an important part of the American story.

Make sure your town's story is told by responding to the 2020 Census—the count of everyone living in the United States. When you do, you'll also help your town get the most out of the American dream.

Responding Is Important for Your Community

Census responses provide data that can attract new businesses and the jobs that come with them. The data also informs where over \$675 billion in federal funding is spent each year in states and communities. That includes money for things like:

- Medicare Part B
- > Special education
- Supplemental Nutrition Assistance Program
- Cooperative
 Extension Service
- Substance Abuse
 Prevention and
 Treatment Block Grant
- Water and waste disposal systems for rural communities

Responding Is Safe

Your personal information is kept confidential by law.

Responding Is Easy

To complete the census, answer a handful of questions online, by phone, or by mail. Choose the option that works best for you.

For more information, visit: **2020CENSUS.GOV**

Every Person Counts

Whether it's funding in communities across your state or helping determine the number of seats your state will have in the U.S. House of Representatives—every count makes an equal impact.

> Shape your future START HERE >



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Upcoming Events

Don't forget to check out the calendar on our website (<u>http://flgp.cce.cornell.edu/</u> <u>events.php</u>) for more information about these and other events relevant to the Finger Lakes grape industry.

There are currently no upcoming events. When events become available we will post them to our <u>website.</u>

September 3rd, 2020



2020 GDD & Precipitation

	FLX Teaching & Demonstration Vineyard – Dresden, NY										
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs						
8/26/2020	70.4	56.6	0.05	13.5	2150.1						
8/27/2020	82.8	62.6	0.83	22.7	2172.8						
8/28/2020	72.0	64.0	0.00	18.0	2190.8						
8/29/2020	79.9	64.4	0.04	22.2	2213.0						
8/30/2020	71.0	53.3	0.00	12.2	2225.1						
8/31/2020	74.6	50.2	0.00	12.4	2237.5						
9/1/2020	75.5	65.5	0.00	20.5	2258.0						
Weekly Total			0.92"	121.4							
Season Total			12.60"	2258.0							

GDDs as of September 1, 2019: 2125.4

Rainfall as of September 1, 2019: 16.01"



Seasonal Comparisons (at Geneva)

Growing Degree Days

	2020 GDD ¹	Long-term Avg	Cumulative days					
	2020 GDD	GDD ²	ahead $(+)$ /behind $(-)^3$					
April	12	63.8	-23					
May	261.5	254.4	-3					
June	543.1	480.2	+1					
July	714.5	643.6	+ 8					
August	642.3	592.2	+14					
September	20.5	358.3	+14					
October		110.0						
TOTAL	1993.3	2502.6						

¹ Accumulated GDDs for each month.

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

	2020 Rain ⁴	Long-term Avg Rain ⁵	Monthly deviation from avg ⁶
April	2.54"	2.83"	-0.29"
May	1.30"	3.16"	-1.86"
June	1.44"	3.60"	-2.16"
July	4.12"	3.42"	+0.60"
August	1.75"	3.23"	-1.48"
September	0.00"	3.53"	
October		3.42"	
TOTAL	11.15"	23.19"	

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)

COVID-19 Resources

Need information? View the following Cornell CALS and CCE Resource Pages Updated Regularly General Questions & Links:

https://eden.cce.cornell.edu/

Food Production, Processing & Safety Questions:

https://instituteforfoodsafety.cornell.edu/coronavirus-covid-19/

Employment & Agricultural Workforce Questions:

http://agworkforce.cals.cornell.edu/

Cornell Small Farms Resiliency Resources:

https://smallfarms.cornell.edu/resources/farm-resilience/

Financial & Mental Health Resources for Farmers:

https://www.nyfarmnet.org/

Cornell Farmworker Program

www.farmworkers.cornell.edu

www.trabajadores.cornell.edu (en espanol)

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 <u>http://flgp.cce.cornell.edu</u>.

Got some grapes to sell? Looking to buy some equipment or bulk wine? List your ad on the <u>NY Grape & Wine</u> <u>Classifieds website today!</u>

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 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 Vineyards Justine Vanden Heuvel- Cornell University Peter Weis – Weis Vineyards Kim Marconi – Three Brothers Wineries & Estates

Cornell University Cooperative Extension provides equal program and employment opportunities. CCE does not endorse or recommend any specific product or service. This program is solely intended to educate consumers about their choices. Contact CCE if you have any special needs such as visual, hearing or mobility impairments.

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.

flgp.cce.cornell.edu



September 3rd, 2020

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