



Concord Cluster 08/08/2022-
Kim Knappenberger

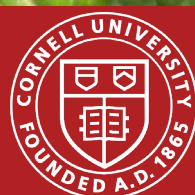
CROP UPDATE August 11, 2022

Cornell Cooperative Extension
Lake Erie Regional Grape Program



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[Click here to
watch Podcasts](#)

The Lake Erie Regional Grape Program is a Cornell Cooperative Extension partnership between Cornell University and the Cornell Cooperative Extensions in Chautauqua, Erie and Niagara county NY and in Erie County PA.

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Rescheduled

LERGP Research Demo at CLEREL!

August 31, 2022
9:00am-1:00pm

Due to low registration numbers we had to cancel the previous event as it would not be fair to guest speakers and vendors to put the travel, money and time towards speaking to such a small group. We have restructured this event a bit to still highlight all of our research and inform the growers what we have going on for research around the farm, but it will be presented by your friendly researchers, specialists and staff housed at CLEREL.

This event is free of charge but we need a head count so it is greatly appreciated if you would register by either [registering on line](#), calling (716) 792-2800 ext 201 or e-mailing Katie (kjr45@cornell.edu)

Please come spend the morning with us and then join us for a cookout lunch. NYSDEC Pesticide credits have been applied for.

This is a
FREE event
but please
[register](#)



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Viticulture

Jennifer Russo, Viticulture Extension Specialist, LERGP

The Cornell Lake Erie Research and Extension Laboratory Research Demonstration Day

Come and join the Cornell Lake Erie Research and Extension Laboratory (CLEREL) teams on August 31, 2022, for our informal Demonstration Day! This event will start at 9 AM with faculty and staff to showcase the scientific research on an informative tour of the facility and research blocks and finish with a free lunch at 12 PM.

Demonstration Day Highlights (subject to change):

- Check out the equipment we use in our research fields.
- Learn about technology innovation created and tested.
- Find out how CLEREL supports the growing New York and Pennsylvania grape industry.
- Learn more about the invasive, Spotted Lanternfly, and how you can be a part of the fight.
- Enjoy touring our research blocks.
- NY and PA pesticide credits have been applied for.
- Meet the faculty and staff

This event is free of charge and sponsored by BASF, but we need registration to plan for lunch so [Register for this Event Now!](#)

You may also register by calling Katie at 716-792-2800 ext 201 or e-mailing her at kjr45@cornell.edu.



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MyEV for Beginners

[The Efficient Vineyard Project](#) puts our research in your hands with a suite of easy-to-use, online GIS tools that help you collect, organize, map, and analyze your vineyard data. We will be including information for those of you looking to learn more and use this tool in your operation. There are great tutorials available ([Click Here for Tutorials](#)) to help guide you through and this one will help get you started:

[Create an Interactive Map of Your Farm](#)

Nov 2

Written By [Nicholas Gunner](#)

This post is part of a series of tutorials designed to help growers adopt my.efficientvineyard.com (myEV)

In this post, you'll learn how to create a simple interactive map of blocks on your farm.

Step #1

To start with, head over to my.efficientvineyard.com, create an account if you don't have one already, and set up your farm:

[click to watch Nick walk you through this](#)

Step #2

Next, draw the blocks on your farm and label them:

[Click to watch Nick walk you through how to draw your blocks](#)

Step #3

Add myEV to your mobile device:

[Click here to watch Nick explain how to install Efficient Vineyard Tool on your mobile device.](#)

Complete!

Now you have a basic interactive map of your farm that will work on any device!

myEV can do much more than map out blocks so feel free to explore the platform! In future posts we'll discuss [collecting spatial data](#) with your phone, uploading data from advanced sensors, collaborating on farm maps, and much more.

Don't miss future updates

Sign up with your email address to receive news and updates from Efficient Vineyard.

****Check out the Efficient Vineyard page at the end of this Crop Update. Check back each week for some new information on myEV.****

In The Vineyard

Some of the varieties in vineyards around the belt are either in veraison or showing signs that it is just around the corner. *Véraison* is the start of the ripening process. Berries begin their transformation from hard, green, and bitter, with high acidity, to aromatic, sweet, attractively colored, and pleasantly acidic. Water is the number one player in ripening, and a berry will be 75-80% water by the time of harvest, but less if over-ripened.

Veraison in Concord grapes usually occurs 69-70 days after bloom. CLEREL called Concord bloom on June 8, 2022, and that would put veraison around August 16-17, 2002. The weather has been mostly hot and dry, therefore I may err on the side of the 16th, but if I could foretell the future I would be in another profession. I have not noticed color changes in Concord grapes in to warrant 50% color change, thus calling veraison. Early varieties such as Marquette, Seyval, Vincent, and Ives have made the transition with report of others coming in daily. Photo 1. below is Vincent grapes at CLEREL and Table 1 has the most recent berry curve data for the varieties collected at CLEREL. Table 2 is the current and estimated GDD for next week from the Grape Berry Moth Model on NEWA to help aid in your scouting and spray schedules for a possible next generation.



Photo 1. Vincent grape variety at Cornell Lake Erie Research and Extension Laboratory in Portland, NY in veraison.

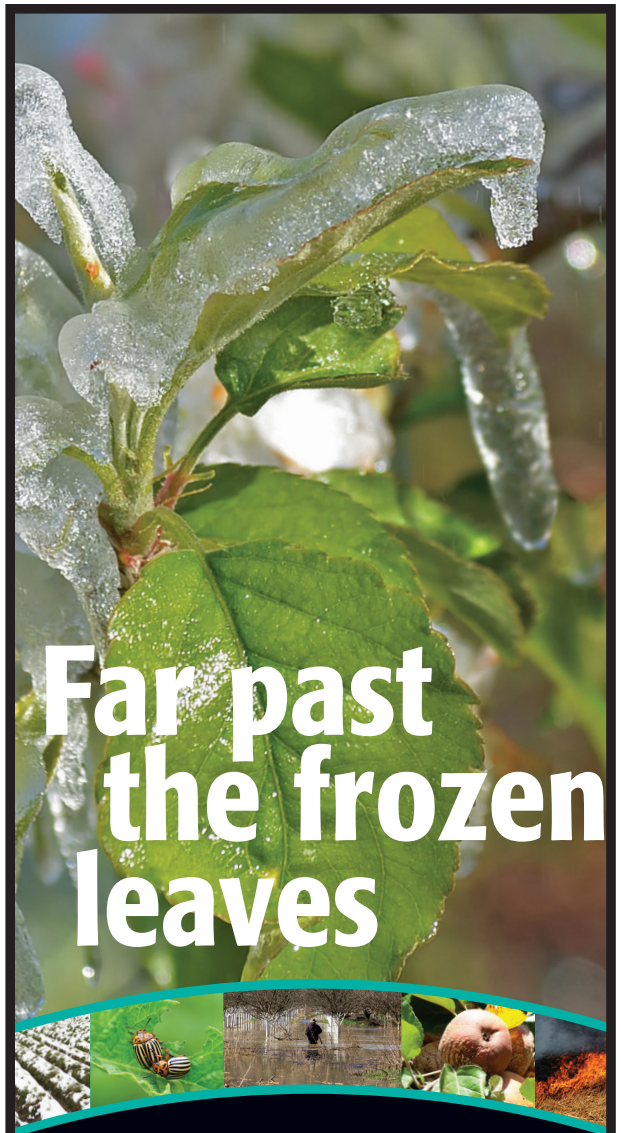
Table 1 August 9, 2022 Varietal Berry Curve at Cornell Lake Erie Research and Extension Laboratory in Portland, NY

Date	Variety	# of Berries	Bry Wt (g)	Ave B Wt (g)	Brix
8.9.22	Vignoles	116	121.96	1.05	7.0
	Niagara	102	272.79	2.67	6.5
	Seyval	110	120.04	1.09	9.1
	West				
	Riesling	120	146.92	1.22	5.0
	East				
	Riesling	110	127.66	1.16	4.3
	Vincent	120	182.50	1.52	9.3
	Ives	108	260.61	2.41	8.7
	Delaware	115	144.36	1.26	7.3
	Concord	107	233.87	2.19	6.25

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NEWA Location	Wild grape bloom date*	DD total on Aug 11	Forecasted GBM GDD for Aug 16
Brant	May 27	1776	1871
Versailles	May 30	1664	1761
Hanover	May 30	1713	1815
Sheridan	May 28	1817	1920
Silver Creek (Route 5)	May 31	1746	1849
Silver Creek (Double A)	May 28	1821	1923
Dunkirk Airport	May 29	1828	1931
Forestville	May 29	1740	1842
East Fredonia	May 31	1656	1758
Fredonia	May 31	1670	1772
Brocton Escarpment	May 30	1696	1796
Portland	May 30	1725	1828
Portland (LERGP West)	May 29	1812	1917
East Westfield	May 31	1665	1768
Westfield	May 31	1696	1799
Ripley	May 30	1765	1871
Ripley Escarpment	May 30	1715	1820
Ripley State Line	May 30	1757	1863
North East State Line	May 31	1667	1765
North East Escarpment	May 29	1749	1847
North East Sidehill	May 30	1702	1799
North East Lab	May 30	1785	1895
Harborcreek	May 30	1737	1845
Harborcreek Escarpment	May 31	1610	1712
Lake City	May 31	1735	1839
Ransomville	May 30	1795	1905
Burt	June 7	1487	1598
Corwin	June 1	1649	1756
*Estimated date provided by NEWA website			
*** Not on forecast yet			

Table 2 Is the Grape Berry Moth Growing Degree Days from wild grape bloom date and projected GDD for next week for the Lake Erie Grape Region.

Provided by Kim Knappenberger

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I am sure you have heard a little about the My Efficient Vineyard project. Well, did you know that a “FREE” tool has been developed from the work done in that project to help the growers map out their vineyard blocks, collect data within those blocks, and then apply it to the management of the individual blocks, even down to particular sections of each block?

Terry Bates and Nick Gunner have created on-line tutorials on how to get started with the use of this tool. We are planning to have some in person learning sessions after harvest as well, but for now, take a look at the links below and get started with creating your account, making blocks of your farm and creating some fields of data you might be interested in collecting. This tool is very easy to use, and is incredibly useful. Give it a try and if you have any questions or discover something that is not working as it should, reach out to us and let us know. We are happy to help and want to hear how you are using myEV.

Use these links to get started:

trb7@cornell.edu
jjr268@cornell.edu
kjr45@cornell.edu

orbitist.atlassian.net/wiki/spaces/EV/pages/131210/Create+8

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- Getting Started
 - Log In
 - Create Blocks
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Getting Started

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Create Blocks

Created by Nicholas Gunner
Apr 25, 2022 • 1 min read • 2 people viewed

Draw blocks on your farm.

Create Blocks

Railroad Block

Block Settings

Area: 6.70 acres

Watch on YouTube