

Winter Wood-2/13/2023 Kim Knappenberger

## CROP UPDATE February 16, 2023

Cornell Cooperative Extension Lake Erie Regional Grape Program

A BAR

Building Strong and Vibrant New York Communities Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.



**PennState Extension** 

In this copy:

Winter Grower Conference Series Dates and Registration- page 4

In the Vineyard, Bud Cold Hardiness, MyEV-Jennifer Phillips Russo- page 7

High and Low Temps Across the Belt Chart-Kim Knappenberger- page 10

NYSDEC How to get Certified Course- page 13

### How to reach us:

Jennifer Phillips Russo - LERGP Viticulture Specialist: jjr268@cornell.edu (716) 640-5350



Kevin Martin – LERGP Business Management Specialist: <u>kmm52@psu.edu</u> (716) 397-9674

Kim Knappenberger – LERGP NEWA and Vineyard Improvement Program Contact ksk76@cornell.edu 716-792-2800 ext 209

Kate Robinson – Administrative Assistant kjr45@cornell.edu 716-792-2800 ext 201

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.



## **NO MATTER THE REASON**, **NO MATTER THE SEASON**, WE'RE HERE FOR YOU.

**ALWAYS FREE, ALWAYS CONFIDENTIAL** 

financial analysis + decision making personal well-being | retirement + estate planning family business relationships | business planning communication | coping with COVID-19 stress referrals to additional resources

**AVAILABLE TO NY FARMERS. FARM** 



SC Johnson College of Business

Jyson

FAMILIES AND AGRIBUSINESS EMPLOYEES.



## 2023 LERGP Winter Grape Grower Conference Series

## March 16, 2023-

In Person at SUNY Fredonia-8:00am-4:00pm

<u>Register online</u> or with the form on next page.

#### LAKE ERIE REGIONAL GRAPE PROGRAM 2023 GRAPE GROWERS' Winter Series CONFERENCE REGISTRATION FORM

SUNY Fredonia Williams Center Thursday, March 16, 2023 Deadline for registration is Friday, March 10, 2023. Name (1<sup>st</sup> attendee)

Address,	City,	State,	Zip	Code

Farm Name

Phone\_\_\_\_\_E-mail\_\_\_\_\_

Are you enrolled in Lake Erie Regional Grape Program (LERGP)? Yes\_\_\_\_\_No\_\_\_\_\_

MEMBER	REGISTRATION FEI	S NON MEMBER		
In Person Conf. Only	\$90.00 (\$60.00 addl attendee)	In Person Conf. Only	\$125.00	

#### Additional Attendees:

\*Please add a **\$25.00 late fee** for each reservation made after March 10, 2023

TOTAL \$\_\_\_\_\_

Please make check payable (US funds only) to LERGP (Lake Erie Regional Grape Program) and mail to: Kate Robinson LERGP 6592 W Main Rd Portland NY 14769

Date Ck. Rec'd	Amount





D alas DDAT 1

## **Viticulture** Jennifer Russo, Viticulture Extension Specialist, LERGP

#### In The Vineyard

Our very own, Dr. Lynn Sosnoskie, sent an email with some important information that she would like us to share. Please see that correspondence below:

Hi everyone,

I am the new IR-4 State Liaison, taking over from Brian Nault.

"The role of a State Liaison Representative (SLR) is to strengthen our network within the Northeast and to communicate the pest management needs of the growers in their state. Our objective at IR-4 is to identify the pest control challenges of our specialty crop growers and assist in obtaining solutions."

My role is to gather information about the most pressing pest, disease and weed issues across specialty crops in NYS and to identify solutions of interest to stakeholders and researchers. Feel free to send me an e-mail (Jennifer Phillips Russo email is jjr268@cornell.edu) saying something like "We have XXXX problem in our vineyards and it cannot be managed for ZZZZ reasons. Growers have expressed interest in conducting research on AAAA and BBBB products."

Or provide information anonymously via this Qualtrics link. https://cornell.ca1.qualtrics.com/jfe/form/SV\_dp8CvuqWKy1KQiG Thanks so much! Cheers, Lynn M Sosnoskie, PhD Cornell University Assistant Professor Weed Ecology and Management for Specialty Crops

#### **Cold Hardiness**

The mild weather conditions that we have been experiencing this winter have been of some concern to many of us. It doesn't surprise me; we are going to see some impressive deacclimation with this week's warm temperatures. The good news from the bud point of view is the sap flow doesn't necessarily impact hardiness itself. We did have a grower submit a photo of sap running in a large pruning wound. Per Dr. Jason Londo, not great news from trunk freezing point of view though, as that sap moves it clears out a lot of the sugars needed to reduce freezing. There isn't really anything we can do about it though, apart from watch with held breath. Jason requested that if you unfortunately experience trunk damage that you take lots of pictures and send them along to me so we can try and get funding for the ABA product that his graduate student is working with to research if it may be helpful to mitigate in the future.

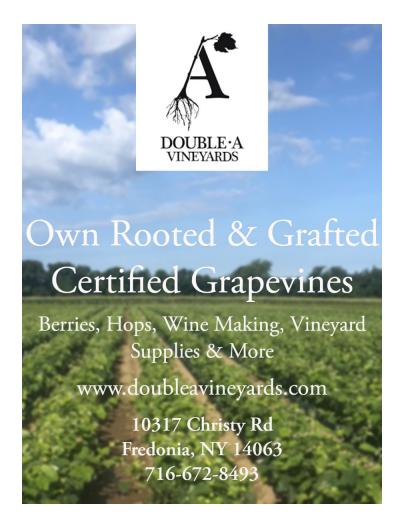


1. Evidence of sap in a large Concord pruning wound on February 13, 2023 photo submitted by Larry McGuinn

Below are the LTE 50 temperatures from our weekly monitoring of bud hardiness (Table 1). I have included the previous week's temperature as well so you can see where the buds are compared to last week. Most of the varieties demonstrate that they are deacclimating, or losing cold hardiness, with the exception of a few.

Table 1. Weekly Lethal Temperature Exotherms 50 (LTE50) for varieties samples in the Lake Erie Grape Region

	LTE 50 (F) Feb 8th	LTE 50 (F) Feb 16th
Vincent	-9.8	-5.5
lves	-9.6	-5.4
Aurore	-12.7	-12.0
Riesling	-10.1	-10.4
Seyval	-1.8	-9.2
Niagara	-14.7	-8.8
Elvira	-13.7	-13.2
Delaware	-12.5	-7.3
Traminette	-14.3	-13.2
Vignole	-12.0	-9.7
Cabernet Franc	-3.1	na
Pinot Gris	-8.8	-8.8
Gewurztraminer	-7.3	-6.5
Concord	-16.1	-11.0
Cabernet Sauv*	-7.6	-6.9
Chardonnay*	-11.4	-10.2
* Buds collected every other		
week		



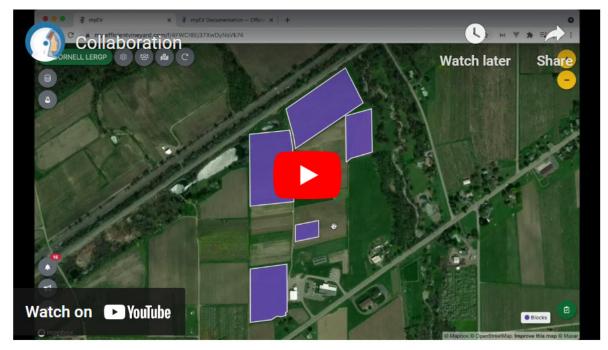
#### MyEV

With the possibility of trunk damage due to mild weather conditions fluctuating with colder temperatures, the MyEV tool can help you visualize the spatial damage and create a map of the damage to possibly share with crop insurance agencies. Below is the link to the tutorial on setting up a data collector to collect damaged vines.

Get Your Whole Team Collecting Farm Data <u>myEV</u> Jul 14 Written By <u>Nicholas Gunner</u>

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

The myEV tool allows your whole team collect and manage data together. The following video walks you through the simple steps required to get your team collaborating in minutes.



If you want to learn more, we're compiling all of our tutorial videos at <u>https://www.efficientvineyard.</u> <u>com/docs</u>

Happy mapping!

#### High and Low Temps Across the Belt Chart-

Station	2/10/23	2/11/23	2/12/23	2/13/23	2/14/23	2/15/23	2/16/23
Ransomville	44.8	34.6	48.1	47.1	51.1	61.7	44.2
	32.1	28.3	30.6	31.7	32.1	44.1	34.1
Versailles	41.3	36.7	47.9	46	51.2	64.7	46.8
	30.5	24.6	23.3	20.2	23.1	48.6	38.7
Silver Creek	40.2	35.1	41	48.6	51.1	63.5	45.9
(RT5)	32.6	29.9	25.5	24.4	29.3	46.9	37
Silver Creek	39.6	36	44.8	45.3	52.2	64.8	45.7
(Double A)	30.9	28.6	27.1	26.2	29.7	47.5	38.8
Hanover	40.2	34.6	41.7	45.4	50	63.9	44.9
	30.8	26.9	24.8	23.1	26.3	47.2	38.2
Sheridan	39.9	37.4	44.2	47.1	52.7	64.2	45.7
	30.9	26.8	26.6	24.8	27.1	46.9	38
Forestville	39.8	35.3	43.6	44.4	52.8	63.6	45.3
	30.5	28.3	28	28.7	30.3	46.9	38.1
East Fredonia	39.7	33.2	43	44.6	52	63.8	45.5
	30.7	28.2	26.4	26.3	28.5	46.8	37.9
Brocton	39.2	34.4	43.1	44.8	53.8	64.2	44.6
	29.9	27.5	27	26.7	29.5	46.3	37.6
Portland	39	34.3	40.8	46.2	51.7	63.5	45.4
	30.2	26.9	26.4	26.4	28.9	46.8	37.9
Portland	39	36.2	41.7	46.2	52	63.7	45.1
(LERGP West)	31.3	28.6	27.5	28.4	28.9	46.6	37
East Westfield	39.8	33.8	42.1	44.7	52.2	64.6	44.5
	30.5	27.8	29.8	29.2	31.1	46.2	37.9
Westfield	39.2	34.3	39.7	46.8	50	64.2	45
	31.8	27.5	24.5	23.8	26.2	46.8	37
Westfield	40.1	34.5	42.3	46	54.5	65.7	45.3
(South)	31.1	27.9	27	27	29.1	47.1	37.8
Ripley	39.6	37.1	43.6	47.2	53.3	66.8	43.8
(Escarpment)	30.8	27.6	28.3	28.1	30	45.6	36.7
Ripley	39.8	35.4	42.1	46.2	52.4	66	44.4
	31.5	26.8	26.8	27.4	29.6	46.3	37.1
Ripley	40	36	42.2	46.1	54.2	66.2	43.9
(State Line)	31.5	27.1	26.4	26.1	29.2	45.9	36.6
North East	38.7	33.8	42.9	45	53.4	65.6	44
(State Line)	30.1	26.5	29.8	30.2	30	44.4	35.9
North East	39.3	35	46.1	45.4	54.9	66	43.5
(Escarpment)	30.8	27.1	28.6	28.6	29.6	45.4	35.4

#### High and Low Temps Across the Belt Chart-continued

Station	2/10/23	2/11/23	2/12/23	2/13/23	2/14/23	2/15/23	2/16/23
North East	39.3	34.8	43.5	44.7	54.4	65.8	43.4
(Side Hill)	30.5	26.8	29.7	31.1	30.2	45.2	35.6
North East	39.4	35.6	41.7	46.4	52.2	63.9	43.5
Lab	32	28.2	27.3	27.5	28.9	45.7	35.2
Harborcreek	40.1	35.3	41.8	45.8	56.4	65.9	44.6
	32.1	27.7	27.5	28.1	28.6	46.4	34.7
Harborcreek	38.9	33.1	46.4	44.5	53.1	65.2	43.1
Escarpment	29.9	26.1	29.2	31.9	28.3	45.1	34.5
Lake City	40.4	34.4	45.1	46.5	54.8	67.8	43.2
	32	26.9	25.6	26.2	26.4	45.5	31.5





WESTFIELD, NY

716 269 4322



FERTILEADER<sup>®</sup> GOLD

Worth its Weight

## Tíma Cal

Designed to Increase Calcium Uptake

> Contact us: Michael Intrieri: 716 421-1785 Kayla Heineman: 718 714-8281 Laing-Gro Fertilizer: 716 992-3830

> > www.us.timacagro.com



## Far past the frozen leaves

There's no end to the potential hazards your crops face: freeze, hail, wind, insects and disease. And those are just the natural disasters. As a fruit farmer, you also have to deal with other variables like fluctuating market prices.

Crop Growers is here to help. Our multi-peril crop insurance will protect your business when Mother Nature (or the market) lashes out, making sure you're still standing when the skies clear.

Call a Crop Growers agent today.

CROP GROWERS®

Your first choice for crop insurance.

ACTUAL PRODUCTION HISTORY PLAN WHOLE FARM REVENUE PROTECTION CROP HAIL COVERAGE

800.234.7012 | CropGrowers.com

CROP GROWERS, LLP IS AN EQUAL OPPORTUNITY PROVIDER

# NYSDEC HOW TO GET CERTIFIED COURSE

WHEN: March 23, 2023 10am - Noon

### WHERE:

Cornell Lake Erie Research & Extension Laboratory 6592 W Main Road Portland, NY 14769

EXAM DATE: March 30, 2023 9:30am Start Time Same Location

### DISCUSSION TOPICS

NYS Pesticide Laws & Regulations

Certification Requirements

Certification Exam Process

EPA Worker Protection Standard (WPS)

## SAME-DAY EXAM REG.

\$100 Exam Fee (Payable to NYSDEC)

Exam paperwork provided & completed onsite

### **SPONSORS**

Cornell Cooperative Extension — Lake Erie Regional Grape Program

New York State DEC Bureau of Pesticides Management

## **TO REGISTER**



Kate Robinson 716-792-2800 x201