

LERGP Crop Update

*** February 4, 2016 ***



The Lake Erie Regional Grape Program



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.



We would like to thank Mike Vercant, our field technician, for 20+ years of service to Cornell. Mike's last day was January 22, 2016. He is now enjoying retirement status, which means (in his own words) "he is finishing off the whole pot of coffee on Monday morning instead of leaving some because he has to head out the door." We wish Mike the best in the years to come.

Due to Mike's retirement, that position is officially open, and we are seeking qualified candidates. If you or someone you know fits the description, please apply. This is a great opportunity for someone who enjoys working with equipment, has an interest in implementing innovative vineyard management practices and wants to be part of a team environment.

The full job description can be found at the link below:
You can also apply via this link.

<https://cornellu.taleo.net/careersection/10165/jobdetail.ftl?job=30547>



Reminder!

Crop Update Password will be changing soon.
If you have not yet renewed, please do so by
February 26.

If you have not yet enrolled, please do so ASAP so you don't miss out on important information. You can enroll through CCE Chautauqua County using this link:

https://pub.cce.cornell.edu/event_registration/main/events_landing.cfm?event=ccechautauqua2016_206

Employment Opportunity

CLEREL and LERGP are hiring. The full job descriptions can be found at the following link:

<https://cornellu.taleo.net/careersection/10165/jobsearch.ftl>

the Job titles and Numbers are as follows:

CLEREL-Field Research Assistant - Job Number 30547

LERGP- Extension Aide I – Web Maintenance – Job Number 30205

The application process can be completed on-line at the above link.

2016 Agenda

LERGP Winter Grape Grower Conference

7:50 AM

Welcome

8:00 AM

Overview of SCRI

8:30 AM

Crop Insurance

9:30 AM

Worker Protection Standard Updates

10:00 AM

Break

10:30 AM

Grape Berry Moth from A to Z

11:00 AM

Control of Perennial and Invasive Weeds

11:30 AM

Modes of Action

Noon

Lunch - Visit Trade Show

1:30 PM

Breakout sessions

Breakout session 1

1:30 PM

Cover crops and EQUIP

2:45 PM

Frost Protection and Delaying Budbreak

Breakout Session 2

1:30 PM

Health Insurance for Employers

Labor Efficiency

2:45 PM

Health Insurance for Employees

Labor Efficiency

Breakout session 3

1:30 PM

Invasive Species - So What?

Grape Rootworm

Disease Management Update

2:45 PM

Grower experience with using NDVI

LAKE ERIE REGIONAL GRAPE PROGRAM
2016 GRAPE GROWERS' CONFERENCE REGISTRATION FORM

to be held at SUNY Fredonia Williams Center
on Tuesday, March 22, 2016

Deadline for registration is Friday, March 4, 2016.

Name (1st attendee) _____ \$ _____

Farm Name _____

Address, City, State, Zip Code _____

Phone _____ E-mail _____

Are you enrolled in Lake Erie Regional Grape Program (LERGP)? Yes _____ No _____

REGISTRATION FEES	
LERGP Member 1 st attendee	\$ 50.00
Additional attendee on same farm	\$ 40.00
Non- member	\$100.00

Additional Attendees:

	\$
	\$
	\$
	\$
	\$

*Please add a **\$25.00 late fee** for each reservation made after March 4, 2016

TOTAL \$ _____

Please make check payable to **LERGP (Lake Erie Regional Grape Program)** and mail to:
(US funds only)

Kate Robinson
LERGP
6592 W Main Rd
Portland NY 14769

Name _____ NY DEC/PA PDA NUMBER _____

Name _____ NY DEC/PA PDA NUMBER _____

Name _____ NY DEC/PA PDA NUMBER _____

<u>Date Ck. Rec'd</u>	<u>Amount</u>

Call Kate at 716-792-2800 ext 202 with any questions.

Data Dependent Grape Market Hints At Finding Bottom

Data continues to show that the bulk juice market may have bottomed in 2015. The price stability through harvest that has extended into 2016 provides a degree of justified optimism. The real challenge that faces the sustainability of our grape region is the ongoing acreage surplus.

That surplus acreage has mostly impacted growers, or former growers, directly. If you have not been cancelled yourself, the impacts of this market slump are fairly temporary. Any additional indication that current contracted acreage is still a surplus will increase the risk of spreading that impact beyond direct cancellations to the strength of the region as a whole (contagion).

Spreading, or contagion has been known to happen in other agriculture markets. As acreage falls below a threshold, economies of scale are lost. Our competitive advantage, compared with other regions, in processing, harvest and management would be at risk. With less than 10% of our total producing acreage removed and other regions removing that much or more, there is not yet significant cause for concern of such a scenario.

All that being said, the grower response to this market decline is impressive. Management decisions have been more rational, calculated and even inventive than techniques observed in other industries experiencing significant decline. The stable price has temporarily reduced risk of contagion.

While rumors continue to circulate about future grape markets, as well as price, negative sentiment and worry are driving these rumors more than data. To the best of my knowledge there is not any good information or reason to believe prices will continue to decline. This market is fairly data dependent. Spring frost, shifts in demand or fruitful buds could alter the current reality. As of right now, the message is closer to stability than it is volatility.

Bud Hardiness & Lake Temp

As part of the 'Bud Hardiness Project', canes from different grape varieties grown in the Lake Erie region are sent to the New York State Agricultural Experiment Station in Geneva for bud hardiness evaluation (<http://grapesandwine.cals.cornell.edu/extension/bud-hardiness-data/>). The evaluation consists of a differential thermal analysis (DAT) used to estimate the temperature a bud can withstand before death by recording the 'Low Temperature Exotherms' (LTE). For example, DTA is used to predict the lethal temperature that would kill 50% (LT50) of the buds of a specific cultivar. The third set of samples was sent early this week and we are expecting to see results early next week. By sending bi-monthly cane samples we are able to track bud hardiness throughout the dormant season.

Lake Erie Region

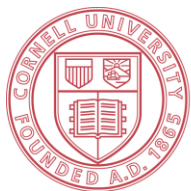
Date	Location	Variety	LT10	LT50	LT90	BudMortality%
1/19/16	Portland	Niagara	-11.5	-17.9	-21.6	
		Concord 1	-12.1	-17.2	-22.1	
		Seyval	-10.8	-13.3	-16.5	
		Concord 2	-12.2	-17.9	-21.2	
		Traminette	-7.8	-12.6	-16.8	

The current LT₅₀ for Concord is -17.9°F and was -22.3°F last year at this time. So the mild winter has had an effect on bud hardiness. However, the long-term forecast does not call for any extremely low temperature.

Lake Temp: Recent mild temperatures and strong winds have broken up the ice at the west end of the Lake Erie. The surface water temperature along the grape belt portion of the lake has remained between 34°F and 38°F.

What is a mode of action and why is it important?

During meetings the extension team often talks about the mode of action of a particular pesticide and how it is important to switch between modes of action to keep resistance from developing to the pesticide you are currently using. What is mode of action? Basically it is how the pesticide works. It can be very specific for example; it disrupts a chemical reaction that occurs in developing the exoskeleton of an insect, keeping its expanding body from having a shell that fits it which ultimately leads to death. Or it can be very broad like spray oils that kill some insects and diseases through the mechanical action of smothering it. Interested in learning more about modes of action and how they affect your spray programs? Come to the LERGP Growers' Conference on March 22 at Fredonia State University to get more details during Andy Muza's talk. Not only will you receive a great deal of information about how to best implement rotating modes of action from Andy, but you will also receive pesticide recertification credits.



Cornell University
Cooperative Extension

**Cornell and Penn State Cooperative
Extension**

Lake Erie Regional Grape Program

6592 West Main Rd, Portland, NY 14769 716-792-2800
662 N. Cemetery Road, North East, PA 16428-2902 814-725-4601
850 East Gore Road, Erie, PA 16509-3798 814-825-0900

“CORE” Pesticide Training and Pesticide Applicators License Exam
April 5, 2016
Cornell Lake Erie Research and Extension Laboratory (CLEREL)
6592 West Main Road
Portland, NY 14769

Space is limited ---Pre-registration is required for both sessions

CORE TRAINING

WHEN: 9 AM to 12:15 PM
WHERE: CLEREL Meeting room
COST: \$15

3.0 Pesticide recertification credits in the CORE category have been applied for.

The CORE training session is also designed as a review prior to taking the Commercial or Private Pesticide Applicator exam but is not required prior to taking the exam.

Preregistration for the training using the enclosed course registration form is required by **March 30, 2016**.

Questions on the training session should be directed to Kate at (716) 792-2800 ext 201

PRIVATE AND COMMERCIAL NYS PESTICIDE EXAMINATIONS

WHEN: 1 PM
WHERE: CLEREL Meeting room
COST: \$100
REGISTRATION: **NYS Department of Environmental Conservation (DEC) requires you to register for entrance to the exam session with the Buffalo DEC office at (716) 851-7220.**

DEADLINE for registration to take the test is **March 30, 2016. To register, call the DEC at (716) 851-7220. You will then be sent an exam application form and test instructions by the DEC.**

Any questions about your eligibility to take an exam or the status of your current certification should be directed to the Buffalo DEC office at (716) 851-7220.

Commercial Applicators: You will need the “Core Manual” and the category manual for the area(s) in which you will be certifying.

Private Applicators: You will need to get the “Core Manual” plus the private category manual for the area in which you will be certifying.

CORE and category training manuals are available through the Cornell Store by using the attached order form or by calling (800) 624-4080 or the web-site link: <http://store.cornell.edu/c-876-manuals.aspx>

Questions on Pesticide Examinations should be directed to the NYS DEC at (716) 851-7220.

2016 CORE PESTICIDE TRAINING REGISTRATION FORM

Tuesday, April 5, 2016

Space is limited – pre-registration is required.

To register for the training, fill out and return registration form to:

ATTN: Kate
Lake Erie Regional Grape Program
CLEREL
6592 West Main Road
Portland, NY 14769

Name(s) _____

Address _____

Phone _____

Number attending _____

Registration and payment by Thursday, March 30, 2016 (\$15 per person) _____

Make Checks Payable to: Lake Erie Regional Grape Program

IMPORTANT: This registration is for the CORE training session only.

If you wish to take the exam for a NYS DEC Pesticide Applicators License you must contact the Buffalo office of the NYS DEC by calling Mike Nierenberg or Shaun Conrad at (716) 851-7220 no later than March 28, 2016 to provide ample time for them to provide you with an exam application form and test instructions.

You are invited to attend the Reporting Session:

A project reporting session is scheduled for Friday, February 26, 2016 at the Cornell Lake Erie Research and Extension Laboratory located at 6592 West Main Rd. Portland, NY. This location will serve as the main location with a satellite location at the Geneva station. The meeting will begin at 10:00am and run until approximately Noon. Updates on projects funded by the Lake Erie Regional Grape Program Research and Extension Program, Inc. (the group charged with dispersing the 75 cents per ton voluntary assessment for Concords produced in the Lake Erie Region), New York Wine and Grape Foundation, and New York Wine Grape Growers Association, will be presented, as well as, short presentations on proposed new projects.

The meeting format is designed to encourage discussion between those who are conducting or proposing projects, the funders, and the grower community by limiting presentations to 5 minutes and eliminating the use of visual aids.

Brookside Society
of Professional Consultants

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Agricultural-Environmental

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Harborcreek, PA 16421

LERGP Website Links of Interest:



Check out our new Facebook page!!

Cornell Lake Erie Research & Extension Laboratory Facebook page

<https://www.facebook.com/Cornell-Lake-Erie-Research-and-Extension-Laboratory-678754995584587/?fref=ts>

Table for: Insecticides for use in NY and PA:

<http://lergp.cce.cornell.edu/submission.php?id=69&crumb=ipm|ipm>

Crop Estimation and Thinning Table:

http://nygpadmin.cce.cornell.edu/pdf/submission/pdf65_pdf.pdf

Appellation Cornell Newsletter Index:

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cor>

Veraison to Harvest newsletters:

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/veraison-to-harvest/index.cfm>

Go to <http://lergp.cce.cornell.edu/> for a detailed calendar of events, registration, membership, and to view past and current Crop Updates and Newsletters.



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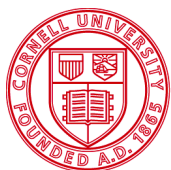
This publication may contain pesticide recommendations. Changes in pesticide regulations occur constantly, and human errors are still possible. Some materials mentioned may not be registered in all states, may no longer be available, and some uses may no longer be legal. Questions concerning the legality and/or registration status for pesticide use should be directed to the appropriate extension agent or state regulatory agency. Read the label before applying any pesticide. Cornell and Penn State Cooperative Extensions, and their employees, assume no liability for the effectiveness or results of any chemicals for pesticide usage. No endorsements of products are made or implied.

Cornell University Cooperative Extension provides equal program and employment opportunities.

Contact the Lake Erie Regional Grape Program if you have any special needs such as visual, hearing or mobility impairments.

CCE does not endorse or recommend any specific product or service.

THE LAKE ERIE REGIONAL GRAPE PROGRAM at CLEREL
6592 West Main Road
Portland, NY 14769
716-792-2800



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