



Crop Update for January 29, 2015

2015 Winter Grape Grower Conference

Monday, March 16, 2015

SUNY Fredonia William's Center

8:00am-4:00pm

**Don't
Miss Out!**

“Knowledge is Power”

**By implementing one tactic learned, you will realize
cost savings above and beyond the cost of attending this
conference!**

And...get DEC credits at the same time!

-We are applying for 2 DEC credits-

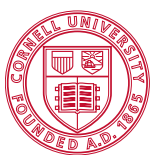
**Topics to include: Thinning and return crop, GIS Mapping, The
Art & Science of Crop Estimation, Economics of Crop Estimation,
Managing Crown Gall, Grape Berry Moth Management, Disease
Management Updates, Grape Rootworm.**

Full agenda available at this link:

<http://lergp.cce.cornell.edu/event.php?id=164>

Register on-line or print the form and mail it in.

<http://lergp.cce.cornell.edu>



ENROLLING IS AS
EASY AS...

1, 2, 3!

LERGP Enrollment is open. You can enroll using 1 of the following 3 ways:

1- on-line at the LERGP web-site. <http://lergp.cce.cornell.edu/>. The enrollment tab is in the upper right corner of the home page.

2- Print the form and mail to:

LERGP, 6592 West Main Rd. Portland, NY 14769 ATTN: Katie

3- Stop in the office to enroll.

Feel free to call me if you have any questions-792-2800 ext 201

Upcoming Events

Friday, February 27, 2015- Project Reporting Session at CLEREL. More detailed information below.

Monday, March 16, 2015- Winter Grape Grower Conference- Use the included form, go to our web-site or stop in to the office to register.

Thursday, April 9, 2015- Wine Workshop at CLEREL, more information to come at a later date.

****Check the web-site for more upcoming events and meetings.**

Project Reporting Session

A project reporting session is scheduled for Friday, February 27, 2015 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 9:00am 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.

This meeting is open to the public. Please RSVP to Katie at 716-792-2800 ext 201 or kjr45@cornell.edu, so that we can arrange the room accordingly.

LAKE ERIE REGIONAL GRAPE PROGRAM

2015 GRAPE GROWERS' CONFERENCE REGISTRATION FORM

to be held at SUNY Fredonia Williams Center

on Monday, March 16, 2015

Deadline for registration is March 10, 2015.

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	\$ 35.00
Non- member	\$100.00

Additional Attendees:

	\$
	\$
	\$
	\$
	\$

*Please add a **\$25.00 late fee** for each reservation received after March 14, 2015

TOTAL \$ _____

Please make check payable to **LERGP (Lake Erie Regional Grape Program)** and mail to: 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 201 with any questions.

Business Management

Kevin Martin
Penn State University, LERGP,
Business Management Educator

We are one year into an incredible decline in the Juice market. If you're still growing grapes you are probably focused on costs. Growers now spend between \$800 - \$2,000 per acre, per year. Why the variability? Growers with high yields and average costs attribute that success, partially, to research based extension information. Check out our conference, you won't be the first grower to claim it saved him \$50 per acre.

Managing for low cost & high volume in 2015

Market news for the Concord grape producers continues to be negative. I'm in the process of gathering some more detailed information about prices and contract quantities that will appear in our upcoming newsletter.

In the meantime, growers should position themselves to produce high yields when the market recovers. Despite anticipated low prices, acreage and contract prices remain stable. If you still have a market and short-term hardship is not an interesting concept, exiting the industry may be a practical solution.

In 2015 growers should almost universally eliminate incurring expenses for goods to be used in 2016. Unless a grower receives a discount of 15% - 25%, cash will simply be more valuable in the immediate term.

Gas prices appear likely to follow their historical pattern of bottoming out in January as retail prices rose nationally this week. While storage options are limited, if tanks are empty, they should not be. If you have some savings, check and see if a supplier will allow you to fix your price for the year. I'm not sure it is possible locally, but if you could buy for 2016, do not.

It appears that pesticide suppliers are interested in keeping inventories low, for obvious reasons. Cost savings may be realized if you purchase goods you know you will need this year. Purchasing chemicals you might use, dependent on conditions, would not be recommended for Concords this year.

Current currency trends are fascinating. We may see even lower potash prices as a result. Potash is essential to soil health and many growers use it too sparingly. However, we have seen a few soil test results where growers have taken potash use to the next level. While it does not have an economic benefit, the good news is it is stable. We should see a few growers that purchase very little potash over the next three years. It highlights how variable nutrient expenses can be as a result of past actions.

Currency trends may also impact the cost of long-term capital investments. Unfortunately, now is a universally bad time to make these investments. We have not yet seen significant discounts on equipment. If we do and the equipment represents a critical need, an investment may be justified. When the wind-chill is ten below zero, at least it is something interesting to monitor.

Bonus depreciation was back for 2014, approved in the 11th hour. I find it less likely that it will be for 2015. This will necessitate carefully planned and small capital investments to avoid cash flow issues that result from the tax consequences of low prices and more traditional depreciation methods.

As you can see I do not recommend significant changes to your business model, with the exception of capital investments. I know growers do exercise quite a few methods of much more extreme cost savings. Unfortunately, this typically results in a decline in vine size that leads to small crop sizes for the first half of a strong market.

Cultural Practices

Luke Haggerty
Viticulture Extension Associate
Lake Erie Regional Grape Program

More Below Zero Temps

The Lake Erie grape region experienced more below zero temperatures this past week. Like the cold front that moved through on January, 14th, there was a wide range of temperatures across the belt. From the table you can see that the northeastern part of the belt again received the coldest temps. In the northeast corner of the belt Versailles, NY dipped down to -16.4°F. A great resource to gain access to all weather information throughout the region is the NEWA website, <http://newa.cornell.edu>.

I have been cutting a few buds, however I haven't observed anything too drastic or unexpected. I plan on summing up averages on my bud cutting in our next newsletter that will be coming out the second week of February.

For those of you cutting buds, remember to let the canes warm up inside for ~24 hours before cutting. This will give the damaged tissue time to oxidize and turn brown. Canes that are cut and observed directly from the vineyard may appear green or undamaged when they are actually damaged and have not yet oxidized.

Lake Erie Grape Region NEWA Weather Data		
Location	Date	Low (F)
North East Lab, PA	1/28/15	-2.4
Harborcreek, PA	1/28/15	-0.8
North East Escarpment	1/28/15	-0.3
Ripley	1/28/15	-0.3
Portland Route 5	1/28/15	-0.4
Portland CLEREL	1/28/15	-2.9
Portland Escarpment	1/28/15	8.2
Dunkirk Airport	1/28/15	-2.9
Silver Creek	1/28/15	2.0
Sheridan	1/28/15	-4.8
Versailles	1/28/15	-5.3
Appleton	1/28/15	16.0
Somerset	1/28/15	-1.7
Lockport	1/28/15	2.0

FIFRA 2(ee) Recommendations Available for Grape Rootworm Insecticides in New York Vineyards

In conjunction with Greg Loeb, Professor, Department of Entomology, NYSAES, two replicated spray trials using 4 insecticides currently registered for use on grapes in New York State (Admire Pro, Danitol 2.4 EC, Leverage 360 and Sniper) were conducted by NYS IPM Program and LERGP staff in grower vineyards in the Lake Erie region. The materials in these trials were chosen in part due to their mode of action being different from the material currently labeled for grape rootworm. This helps to ensure that materials will be available for use in a resistance management program, with the result being all the materials being effective against the pest for a much longer time.

All four materials used in the spray trials were found to be effective against grape rootworm. Armed with this information, Dr. Loeb applied for, and was granted, a FIFRA2 (ee) for each of the 4 insecticides tested. The FIFRA 2(ee) recommendation allows grape growers to use a material against an unlabeled pest (in this case, grape rootworm) in NY vineyards. The FIFRA 2 (ee) recommendations will provide access to materials needed to effectively manage this pest for years to come, by implementing a resistance management strategy of rotating effective materials with different modes of action.

The FIFRA 2(ee) recommendation must be in the possession of the user at the time of application. A copy of the FIFRA 2(ee) recommendation for Admire Pro Systemic Protectant, Danitol 2.4 EC Spray, Leverage 360 Insecticide and Sniper can be obtained from the LERGP offices at CLEREL or on the LERGP website.

THE INTERNATIONAL SOCIETY FOR HORTICULTURAL SCIENCE (ISHS)

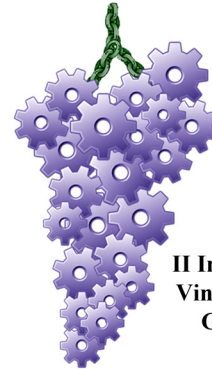
Presents

“II International Workshop on Vineyard Mechanization and Grape and Wine Quality”

July 26- July 29, 2015
Fredonia, New York, USA

Sponsored by the ISHS working group on
Vineyard Mechanization and Vine Berry Fruits

In collaboration with
Cornell Lake Erie Research & Extension Laboratory
Portland, NY
and
Cornell University
New York State Horticultural Society
New York State Agricultural Experiment Station, Geneva



**II International Workshop on
Vineyard Mechanization and
Grape and Wine Quality**

Invitation

On behalf of the ISHS Fruit Section Working Group on Vineyard Mechanization and Vine Berry Fruits, we invite you to an International Workshop on Vineyard Mechanization and Grape and Wine Quality to be held in Fredonia, New York, USA.

The II International Workshop on Vineyard Mechanization and Grape and Wine Quality will be held from Sunday, July 26 to Wednesday, July 29th 2015 at SUNY Fredonia. The workshop will kick off on Sunday with a Shaulis Symposium focused on grapevine physiology and mechanized grapevine production. Monday will be a full day technical and winery tour to the Cornell Lake Erie Research and Extension Laboratory and Lake Erie Region wineries. This will be followed by a day and a half of technical presentations and posters on: precision viticulture, sensing technologies, variable rate management, fruit quality, and economics.

Primary Topics of the Symposium

- Horticulture: Grapevine Physiology and Mechanized Production
- Engineering: Mechanized Tools for Vineyard Operations
- Sensing Technology: Spatial Vineyard Measurement
- Variable Rate Management: Zonal Application for Yield and Quality
- Fruit Quality and Economics: Impact of Mechanized Systems

Sponsors

(click on the links below to view individual websites)

[E. & J. Gallo Winery](#)

If you would like to sponsor this event, please call Katie at 716-792-2800 ext 201 for more information.

For detailed information and registration for this event, please use the following link:

<http://events.cals.cornell.edu/ishs>



Viticulture, enology and marketing for cold-hardy grapes

Webinar Schedule

Webinars are generally presented on the second Tuesday (subject to change) of each month from November through April, once at noon and again at 7 PM Eastern (11 AM and 6 PM Central).

November 20, 2014

"Trellis Design and Construction and Pruning Fundamentals Prior to Your First Cut"
Steve Lerch, Cornell University and Mike White, Iowa State University

December 16, 2014

"Stuck on you – Sulfur Spray Residues in the Vineyard and Winery"
Chris Gerling and Gavin Sacks, Cornell University

January 13, 2015

"Emerging Cold Hardy Wine Grape Cultivars"
Tom Plocher, Northern Winework, Inc. and Mark Hart, Mt. Ashwabay Vineyard & Orchard

February 10, 2015

"Comparing and Contrasting Vertical Shoot Positioning and Top Wire Cordon Training Systems"
Tim Martinson, Cornell University; Bob Utter, Flying Otter Vineyard and Winery; and John Thull, University of Minnesota

March 10, 2015

"Tannin Addition and Retention in Red Hybrid Wines"
Anna Katharine Mansfield, Cornell University

April 14, 2015

"Branding Studies for Cold Climate Wines"
Bill Gartner, University of Minnesota

Information about upcoming webinars is sent via the Northern Grapes Project Webinar Series email listserve. If you are not a member, and would like to join, go to the [Contact Us](#) page to send an email.



The Northern Grapes Project is funded by the USDA's Specialty Crops Research Initiative Program of the National Institute for Food and Agriculture, Project #2011-51181-30850

Follow this link to the web-site for information on this webinar series:
http://northerngrapesproject.org/?page_id=252

LERGP Website Links of Interest:

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-cornell/>

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.





Lake Erie Regional Grape Program Team Members:

Andy Muza, (ajm4@psu.edu) Extension Educator, Erie County, PA Cooperative Extension, 814.825.0900

Tim Weigle, (thw4@cornell.edu) Grape IPM Extension Associate, NYSIPM, 716.792.2800 ext. 203

Kevin Martin, (kmm52@psu.edu) Business Management Educator, 716. 792.2800 ext. 205

Luke Haggerty, (llh85@cornell.edu) Grape Cultural Practices, 716.792.2800 ext. 204

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.

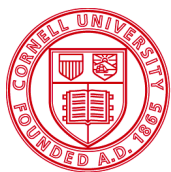
CCE does not endorse or recommend any specific product or service.

THE LAKE ERIE REGIONAL GRAPE PROGRAM at CLEREL

6592 West Main Road

Portland, NY 14769

716-792-2800



Cornell University
Cooperative Extension

PENNSTATE



College of
Agricultural
Sciences