



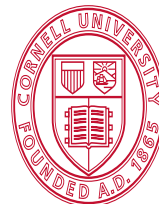
The Lake Erie Regional Grape Program



LERGP Crop Update ** October 22, 2015 **

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.



Cornell University

Cultural Practices

Luke Haggerty
Viticulture Extension Associate
Lake Erie Regional Grape Program

Winter Ready

Vine acclimation for dormancy starts when shoots stop growing and transition into woody canes. We refer to this as “hardening off” or having “ripe wood” and the general theory is the more mature wood we have the better the outlook for next season. To a certain degree this is true, and the reason is carbohydrate storage.

Once the canopy stops growing (veraison), the carbohydrates that have been produced make their way to the fruit and storage for next season. Carbohydrate storage starts at the base of the shoot and works its way to the tip. We see this as the shoots turn into woody reddish brown canes. This visual indicator lets us know the vines are ready for winter’s cold temperatures and have energy to kick-start the shoots at bud break.



Now that harvest has finished and leaves fall to the ground we get a good view of this process and can start to gauge how ‘winter ready’ the vines are. Overly wet conditions earlier in the year brought a cause to worry, however with optimal/dry conditions in August, September, and October, most all vines had time to recover from these conditions. A strong indicator the vines have adequate carbohydrate storage for next season is the relatively high brix averages reported by the processors this year.

Your Help is needed to revise the 2016 NY and PA Pest Management Guidelines for Grapes

It is that time of year when Greg Loeb, Wayne Wilcox Andrew Landers and the rest of the grape research and extension staff in New York and Pennsylvania start working to get the latest and greatest research-based information into next year's grape guidelines and we could use your help.

Think back over the year(s) when you have been using the guidelines – has there ever been a time when you have wished you could find a specific type of information, or that the information that was there was presented in a different format? If so, now is your chance to have input on what you can find and how it is displayed.

If you have any suggestions on what's missing, what isn't needed, or how what is there could be better presented, please send them to Tim Weigle at thw4@cornell.edu. I will then make sure those suggestions get to the correct section authors and editors.

2015 New York and Pennsylvania Pest Management Guidelines for Grapes



Grape rootworm, the primary insect pest of grapes prior to the introduction of DDT, is making a comeback in the Lake Erie region. (Photo by: Tim Weigle)



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CRAVE Conference

Cornell Recent Advances in Viticulture and Enology

November 4, 2015

8:30 – 3:30 PM

ILR Conference Center and WebEx webinar

You are invited...

The annual CRAVE (Cornell Recent Advances in Viticulture and Enology) conference features 15 minute presentations by Cornell faculty, extension associates, and graduate students on current extension and research topics of their choice. For this year's conference, we would like to invite you to log on for as little or as much time as you want to hear cutting-edge presentations about viticulture, enology, economics and more. Find out what Cornell Research and Extension faculty and staff have been up to this past year.

To Attend:

WebEx: The entire program will be broadcast as a webinar you can access through your computer. To join the webinar, simply click on this

link: <https://cornell.webex.com/cornell/j.php?MTID=m9c2a3a53417a9ea90d708d06846c0c4b>

Meeting number: 317 586 442

Meeting password: Grapes2015

And type in the password: **Grapes2015**

Then follow instructions to join the 'audio conference'. You will hear the speakers' audio and see their slides. You may also ask questions by typing them in at the 'Chat bar'.

Topics include...

8:30 AM – 10:00 AM

- Production and establishment costs for cold-hardy grapes in the North Country (Gomez Program)
- Grapevine Red Blotch Disease – Economics and Potential Spread (Gomez and Fuchs Program)
- Winter and spring frost injury impact to Marquette and Frontenac (Martinson Program)

- Spatial 'precision viticulture' vineyard management project (Bates Program)
- Genetics of Black Rot resistance (Reisch Program)

10:30 AM – Noon

- Grape rootworm in the Lake Erie Region (Weigle & Loeb Program)
- Floor management impact on microbes in Riesling (Vanden Heuvel Program)
- Market developments and the future of the Bulk wine and juice industry (Martin, LERGP)
- Mechanical Thinning in 2013 and its effect on Concord productivity in '14 (Haggerty/LERGP)
- Limits to tannin extraction and retention (Sacks Program)
- Adjusting air volume while spraying (Landers Program)

2:00 PM – 3:30 PM

- Microbial terroir: Wild yeast and bacteria and spontaneous fermentations (Mansfield Program)
- YAN requirements for Riesling in spontaneous and inoculated fermentations (Mansfield Program)
- Trends in grape maturity from 7 years of *Veraison to Harvest* (Gerling/Martinson Programs)
- Leaf removal and shoot tipping at bloom: Impact on cluster compactness and *Botrytis*. (Martinson Program)

CRAVE Schedule:

<https://grapesandwine.cals.cornell.edu/sites/grapesandwine.cals.cornell.edu/files/shared/CRAVE%202015%20Schedule.pdf>

TALK Summaries:

<https://grapesandwine.cals.cornell.edu/sites/grapesandwine.cals.cornell.edu/files/shared/CRAVE%202015%20Talk%20Summaries.pdf>

2015 Chautauqua County

Ag Forum

Featured Events Include:

“Success in Succession Planning”

Keynote Address from Gary Snider, Certified and Accredited Agricultural Consultant with over 35 years of experience with Cornell Cooperative Extension and Farm Credit East.

Industry Panels

“Ag Entrepreneurship” & “Ag Leaders”

Learn more about what your neighbors are doing, their obstacles, their successes, and their visions for Chautauqua County Agriculture in these Q&A sessions.

Tabletop Discussions

Where would you like to see Chautauqua County Agriculture in 10 years? How can your business grow, increase profitability, and remain viable for future generations? We want your feedback!

When?

NOVEMBER 17th

10:00 AM until 3:00 PM

Where?

CASSADAGA LEGION

228 Maple Avenue,
Cassadaga, NY 14718

RSVP Required!

Call 716-664-9502

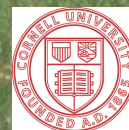
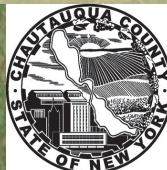
Cornell Cooperative Extension

This is your opportunity to help shape the future of Agriculture in Chautauqua County!

The 2015 Chautauqua County Ag Forum is a group effort between the County of Chautauqua Industrial Development Agency, the Chautauqua County Department of Planning and Economic Development, and Cornell Cooperative Extension. This event will draw agricultural leaders from all across the county for an opportunity to network, learn more about succession planning, industry successes, and what your neighbors are doing to grow through innovation. You will also have the opportunity to help shape the future of agriculture in Chautauqua County as we gather feedback for future programming and learn from you!

This event is free and open to members of the Chautauqua County Agricultural Community.

Light Lunch will be provided. Pre-registration is required.



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Chautauqua County



LERGP Website Links of Interest:

Check out our new Facebook page!!

Cornell Lake Erie Research & Extension Laboratory Facebook page

<https://www.facebook.com/pages/Cornell-Lake-Erie-Research-Extension-Laboratory/146971918664867>

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.





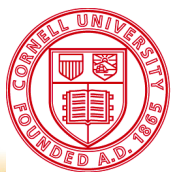
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This publication may contain pesticide recommendations. Changes in pesticide regulations occur constantly, and human errors are still possible. Some materials mentioned may not be registered in all states, may no longer be available, and some uses 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.

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