



Lake Erie Regional Grape Program

ELECTRONIC CROP UPDATE for February 23, 2012

Go to <http://lergp.cce.cornell.edu/EventsCalendar.htm> for a detailed calendar of events including maps via Google calendar! Scroll to the bottom of the page for Google calendar and click on the event. Please remember to RSVP for those events that require one! UPCOMING EVENTS are also listed toward the bottom of this Electronic Update.

Please remember to let us know if you have changed or are in the process of changing your email address so we can keep the Electronic Crop Update coming to your inbox!

Please email Edith at: emb35@cornell.edu.

GRAPE INTEGRATED PEST MANAGEMENT: Tim Weigle

KNOWING WHEN PEST MANAGEMENT IS NECESSARY

Knowing your vineyard operation and potential pests by block are the first steps in the development of an IPM strategy. Knowing the correct timing of management practices is also essential to the success of producing a marketable crop. Traditionally pest management practices were applied on a calendar basis following somewhat of a cookbook approach.



Image 1. NEWA Weather Instrument

However, with the newer classes of pesticides (that are more target specific) being produced today, timing of applications using the knowledge of a vineyard pest and the conditions that cause it to become a problem has become even more important. Weather conditions can change drastically from one growing season to another, as well as during a single growing season, which can make pest management decisions more difficult. While you cannot control the weather, the Network for Environment and Weather Applications (NEWA) provides free access to weather data and pest forecasts from stations across New York State as well as a number of surrounding states. NEWA collects temperature, rainfall, leaf wetness and relative humidity data for use in disease and insect models to provide near real time pest and weather information. In

the past few months 5 new weather station locations in the Lake Erie Region have been placed on the NEWA website which can be found at <http://newa.cornell.edu/> with three more sites slated to be available before the start of the 2012 growing season.

Choosing a Management Tool

Knowing the latest in materials, IPM practices and varietal susceptibility for specific diseases and insects is the best way to plan an IPM strategy. To assist in this the New York and Pennsylvania Pest Management Guidelines for Grapes are updated annually by research and extension staff from Cornell and Penn State Universities and are therefore one of the best resources for up to date research based integrated pest management information. The grape guidelines are available in hard copy through your regional grape program office or local extension office for \$25 (there is an additional charge for shipping if you do not pick them up) or you can access them on-line for no charge at <http://ipmguidelines.org/grapes/>

If you are looking at exploring organic grape production there is a Production Guide for Organic Grapes found at http://nysipm.cornell.edu/organic_guide/grapes.pdf. This guide, along with 12 others, was funded in part through NYS Ag & Markets and is a cooperative effort between the NYS IPM program, NYS Ag & Markets, Cornell and Penn State Universities faculty and extension staff, and growers and industry personnel.

These guides provide the information needed for organic production with a focus on biological, mechanical and cultural controls. You will find sections on field selection, soil quality, nutrient management, resistant and less susceptible varieties, cover crops and crop rotation.

Another source of information for developing a vineyard IPM strategy is the Cornell Fruit website Grapes pages found at <http://www.fruit.cornell.edu/grape/index.html>. This home page contains links to annual newsletter articles outlining Grape Disease Control options and strategies by Wayne Wilcox, Department of Plant Pathology, NYSAES, Geneva and Grape Insect and Mite Pest options and strategies by Greg Loeb, Department of Entomology, NYSAES, Geneva. These newsletters are invaluable in getting the most current information on new products and how they can be used to manage vineyard pests. Clicking on the link for IPM will take you to a page that provides links to an enormous amount of information on IPM, Sustainable and Organic pest management tools and techniques.

Next week, Can You Afford Not to Do IPM?...

Bud Cold Hardiness

The most recent bud cold hardiness data is available on the [Cornell Grapes and Wine Viticulture](#) website. After a couple of weeks of warm-ish weather, it seems that the low temperature exotherms increased a couple of degrees from 2 weeks ago. More folks are asking about the warm winter and what it might mean for this year, and we are seeing that here in the warmer temperatures and LT50s. At this point, anything can happen with winter – and spring! – lows. The best bet for a grower is to monitor the weather, and plan to assess bud mortality as we get closer to budbreak. Checking bud mortality can be useful for grape growers who have not yet pruned their vines. For example, in vineyards with >50% bud mortality, growers may consider pruning more carefully or plan to double prune to ensure enough buds survived the winter. At this point, though, it is unlikely that any vineyard in the Lake Erie Region will have suffered significant bud losses due to winter lows. However, it is still only the middle of February, and even if we make it through the winter unscathed, there are no promises spring frosts/freezes will not hit the region.

01/30/2012 Bud Low Temperature Exotherms			
Variety	LT10 °F	LT50 °F	LT90 °F
Cab Franc	-5.0	-9.9	-11.9
Noiret	-6.7	-9.0	-12.0
Concord	-5.9	-13.4	-17.5
Riesling	-5.8	-11.2	-13.7
Niagara	-12.4	-15.0	-18.2
Traminette	-7.8	-9.0	-12.0
02/15/2012 Bud Low Temperature Exotherms			
Cab Franc	-1.3	-6.9	-9.5
Noiret	-2.3	-6.5	-9.8
Concord	-4.7	-12.0	-16.0
Riesling	-7.0	-9.8	-13.2
Niagara	-7.7	-11.8	-16.0
Traminette	-3.9	-10.7	-14.1



[eViticulture WEBSITE SURVEY](#)

[eViticulture.org](#) is an online resource that is available to assist grape growers across the county. The website contains scientifically-based articles created by land-grant university Extension Specialists, photographs, videos, glossary terms, and Frequently Asked Question (FAQ). If you use this resource – or know someone who has or does (please forward this survey to him or her!) – Please take a moment to complete this survey on your experience using this resource. Or, if you do not use it, you can also complete the survey to let the group know that you choose to get your viticulture information elsewhere.

Many thanks!
 From the Grape Community of Practice collaborators
 (The Grape CoP is composed of extension viticulturalists across the USA.)



New York Wine Industry Workshop, Finger Lakes Grape Grower Convention and New York Wine and Grape Foundation Annual Seminar

DATE: Thursday - Saturday, March 1-3, 2012

TIME: 8:00 a.m.–5:00 p.m.

LOCATION: [Holiday Inn Waterloo, NY Hotel](#)

LERGP Members can still register for the Finger Lakes conference, if you are itching for some knowledge. LERGP members get the FLGP member discount (\$65) for Saturday! (2.0 pesticide credits for Saturday)

Contact Hans Walter-Peterson at (315) 536-5134 if you have any questions.

The New York Wine Industry Workshop (WIW) is an annual technical meeting focusing on enology concepts and challenges specific to eastern, cool climate wine production. In 2012, the WIW will be merging with the Finger Lakes Grape Grower Convention at the Waterloo Holiday Inn in Waterloo, NY.

[Click Here to Register Online](http://flg.cce.cornell.edu/2012/02/03/2012-conference/) (<http://flg.cce.cornell.edu/2012/02/03/2012-conference/>)



LERGP 2012 WINTER GRAPE GROWERS' CONFERENCE

DATE: Thursday, March 8, 2012

LOCATION: CLEREL, 6592 West Main Road, Portland, NY 14769

SORRY CONFERENCE IS SOLD OUT

Deadline for registration is February 24, 2012. Space is limited to first 80 registrants. Please call Kate at 716-792-2800 ext 201 with any questions.

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LAKE ERIE WOMEN IN AGRICULTURE

DATE: Monday, March 12, 2012

TIME: 7:00pm – 8:30pm

LOCATION: Jamestown CCE; Frank W. Bratt Agricultural Center, 3542 Turner Road, Jamestown, NY 14701

DISCUSSION: Time Management and Prioritization of Tasks

Please join us for a presentation by Dr. Brenda Hayes, Ph.D., on how to prioritize many of the tasks – both on-farm and off-farm – as you manage your farm business. This program is free of charge, although we encourage

participants to bring a snack to share.

RSVP with Jodi Creasap Gee (jec53@cornell.edu) or Virginia Carlberg (vec22@cornell.edu).



WINEMAKERS ROUNDTABLE MEETING

DATE: Monday, March 19, 2012

TIME: 4:00pm - 6:00pm

LOCATION: CLEREL - 6592 West Main Road; Portland, NY 14769

These are informal meetings designed to provide a venue for sharing information, getting to know each other and increasing our collective knowledge and winemaking skills to raise the quality and visibility of wines from our regions.

Please bring wines that you wish to discuss, whether problem wines or wines with merit. All provide an opportunity for learning! This meeting is open to all commercial winemakers in the

region and beyond, so encourage your colleagues to attend. Lake Erie and Niagara regions share commonalities that do not exist between our regions and other regions in NY, PA or OH; exploring these similarities will help us all understand the potential of our own region. Please make the effort to attend as many of the meetings as you can as each of us has something to contribute to the greater good.

No RSVP is required, and there is no charge.

For more information, contact Bob Green (814.860.1452 or rgreen@mercyhurst.edu) or Kris Kane (kris_kane26@yahoo.com)

DISCUSSION: Hybrid whites (Traminette, Vidal, Seyval, Vignoles, blends, etc.)



GRAPE DISEASE AND PEST MANAGEMENT WORKSHOP

DATE: WEDNESDAY, MARCH 21, 2012

TIME: 8:30 AM – 4:00 PM

LOCATION: VIDEO TELECONFERENCING TO LOCATIONS IN ERIE, PA

COST: LERGP members can attend free of charge at the Erie County

Cooperative Extension office in Erie, PA. **Cost for non members is \$10.**

Space is limited so preregistration is required by March 14, 2012. Contact the Erie County Cooperative Extension office at 814.825.0900 for more information! <http://erie.extension.psu.edu/>

FOR MORE INFORMATION SEE FLYER BELOW!

PA GROWERS: Please go to <http://extension.psu.edu/erie/events> for more Upcoming Events!



WINE GRAPE PRUNING WORKSHOP

DATE: Wednesday, March 28

TIME: 10:00am – 12:00pm

LOCATION: Schulze Winery, 2090 Coomer Road, Burt, NY 14028-9733

COST: Free!

It's time for our annual workshop on pruning wine grapes! Be sure to dress for the weather and bring your pruning shears.

Please RSVP to Jodi – jec53@cornell.edu or 716-792-2800 ext. 204.



WINERY SANITATION WORKSHOP

DATE: Wednesday, April 11, 2012 (Register by Fri., April 6, 2012)

TIME: 8:00am – 4:00pm

LOCATION: CLEREL, 6592 West Main Road, Portland, NY 14769

COST: \$50/person (includes morning coffee/snack and lunch)

Plan to join Cornell extension enologists – Anna Katharine Mansfield and Chris Gerling – and Penn State's extension enologist – Denise Gardner – for a workshop on winery sanitation. Topics covered will include:

- Importance
- Basics & Terms
- Microbiology of Spoilage
- Protocols & Evaluating Effectiveness
- Tasting – Wine flaws

*A 10 participant minimum is needed in order to hold this course. **Please register by Friday, April 6, 2012**

Checks should be made to Cornell University; please send to Kate Robinson at CLEREL; 6592 West Main Road; Portland, NY 14769.

Contact Jodi Creasap Gee (jec53@cornell.edu or 716-792-2800 ext. 204) for more information.

Next Electronic Crop Update will be: Thursday, March 1, 2012

Lake Erie Regional Grape Program Crop Update is an e-mail newsletter produced by the Lake Erie Regional Grape Program and sent out by subscription only. For subscription information, please call us at 716.792.2800 ext 201, or look for subscription forms at http://lergp.cce.cornell.edu/Join_Lergp.htm.

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Lake Erie Regional Grape Program Team Members:

[Andy Muza](#), Extension Educator, Erie County, PA Cooperative Extension, 814.825.0900

[Tim Weigle](#), Grape IPM Extension Associate, NYSIPM, 716.792.2800 ext. 203

[Jodi Creasap Gee](#), Viticulture Extension Associate, CCE, 716. 792.2800 ext. 204

[Kevin Martin](#), Business Management Educator, 716. 792.2800 ext. 205

For any questions or comments on the format of this update please contact Tim Weigle at: thw4@cornell.edu.

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Subscribe to [Appellation Cornell newsletter](#):

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

[2010 Appellation Cornell Newsletter Index](#):

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cornell/2010-index.cfm>

[Veraison to Harvest newsletters](#):

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

[NY Grape & Wine Classifieds](#) – New Address! - <http://flgclassifieds.cce.cornell.edu/>

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**



Grape Disease and Pest Management Workshop

Wednesday, March 21, 2012

Penn State Berks Campus (near Reading), Thun Library, Room 145

Cost: \$30 at PSU Berks location, \$10 at VTC locations

This meeting has been approved for SIX category pesticide credits available to PA licensed applicators

This program will be available by video teleconferencing to locations in Erie, Northeast PA (Susquehanna), and SW PA (Westmoreland). Please see information below for your contact person and location.

The Grape IPM workshop is held each spring to review the disease and pest season from the previous year and look ahead to growing defect-free fruit in 2012. Dr. Wendy McFadden-Smith is the grape pathologist for the Ontario Ministry of Food, Rural Affairs and Agriculture, and is responsible for over 14,000 acres of grapes in the province. She will present her work on sour rot management. Grapevine yellows is a phytoplasma that causes chronic injury to grapes, especially Chardonnay and has been identified in Pennsylvania. Tremain Hatch, viticulture extension associate at Virginia Tech, will present information about GY from Virginia. Tim Weigle, NY grape IPM specialist will talk about organic disease control strategies in vineyards. Dr. Noemi Halbrendt and Bryan Hed are Penn State grape pathologists, they will cover management of botrytis, downy mildew, black rot, powdery mildew and phomopsis. Dr. John Halbrendt is nematologist, with experience with viruses in grapes.

Program (subject to change):

8:30	Registration and coffee
8:45	Introduction and comments
9:00	Understanding and managing sour rot in vineyards – Dr. Wendy McFadden-Smith
9:45	Management of downy mildew and powdery mildew - Dr. Noemi Halbrendt
10:30	Break
10:45	Organic grape growing practices in the Lake Erie region – Tim Weigle
11:30	Management of nematode and tomato ringspot virus in vineyards – Dr. John Halbrendt
11:50	Lunch on your own
1:15	Update on Grapevine Yellows in Virginia – Tremain Hatch
2:00	Management and research of fruit rot diseases in vineyards. Bryan Hed
2:45	OMAFRA grape IPM website and other disease issues in Ontario - Wendy
3:15	TBA
3:45	Q&A
4:00	Adjourn

Registration Information (read this carefully):

Pre-registration is by e-mail (mlc12@psu.edu) or phone (717.394.6851) to Mark Chien. Class fee is \$30/person. Lunch is on your own. Pre-registration deadline is March 18. **Please pay by cash or check at the door** (make checks payable to “PSCE Program Fund”).

In your e-mail or phone reply, provide this information:

1. Your e-mail address
2. Your telephone number
3. The names of the people who will be attending the workshop

I will confirm your pre-registration by e-mail or phone.

Meeting details (read this carefully):

The workshop is being held at the **Penn State Berks** campus at 1600 Broadcasting Avenue, Reading, PA just off of Rt 222. The meeting room is Thun Library, Room 145. Please arrive by 8:15 or earlier. We will start promptly at 9 AM. Directions and a campus map are available under the “About Us” tab at <http://www.bk.psu.edu/>. There are many restaurants in the vicinity of the school.

IMPORTANT: A campus parking permit is **REQUIRED**. It will be provided to you upon your pre-registration. It includes directions to PSU-Berks and a campus map.

Remote video teleconference (VTC) broadcasts are available in the following locations. The cost will be \$10 to participate*. Please pre-register with the extension educator in your area.

1. VTC SW PA at the Westmoreland County Cooperative Extension office in Greensburg, PA. Contact Lee Stivers at (724) 228-6881. <http://extension.psu.edu/westmoreland>
2. VTC NE PA at Susquehanna County Cooperative Extension office in Montrose, PA. Contact Kim Grace at (570) 278-1158 <http://susquehanna.extension.psu.edu/>
3. VTC Erie at Erie County Cooperative Extension office in Erie, PA. ***LERGP members are free.** \$10 for non-members. Contact Andy Muza at (814) 825-0900. <http://erie.extension.psu.edu/>

Questions??? Call Mark Chien at 717 394-6851