



LAKE ERIE REGIONAL GRAPE PROGRAM

Electronic Crop Update for June 20, 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.](mailto:emb35@cornell.edu)

WEATHER FACTS: Edith Byrne

| DATE / YEAR | HIGH | LOW | DAILY PRECIP. | GDDS | TOTAL APRIL GDDS | TOTAL JANUARY GDDS |
|---|-------|-------|---------------------------------|-------|------------------------|--------------------------|
| Week 5/30/12 | 69 | 56 | 0 | 12.5 | 440.5 | 571 |
| Week 6/6/12 | 68 | 46 | 0 | 7 | 498 | 628.5 |
| Last Week 6/13/12 | 65 | 50 | 0 | 7.5 | 620 | 750.5 |
| June 19, 2012 | 85 | 71 | 0 | 28 | 750 | 880.5 |
| June 19, 2011 | 80 | 58 | 0 | 19 | 749.5 | 758 |
| June 19, 2010 | 84 | 69 | 0 | 26.5 | 830 | 833.5 |
| AVERAGE | 78.4 | 59.4 | 0.14 | 18.88 | 653.18 | 678.09 |
| GDDs accumulated June 2012 = 300 | | | GDDs accumulated May 2012 = 393 | | | |
| | 2012 | 2011 | | | | |
| Average High June | 73.89 | 73.87 | | | | |
| Average Low June | 57.68 | 58.30 | | | | |
| This year compared to AVERAGE: JAN. GDD: Ahead 10.72 / APR. GDD: Ahead 5.13 | | | | | | |
| This year compared to 2011: JAN. GDD: Ahead 6.49 / APR. GDD: Ahead 0.03 | | | | | | |
| June 2012 Pcp = 1.67" / 2012 Total Precipitation through 6/19 = 15.06" | | | | | | |
| May 2012 Pcp = 1.95" / 2012 Total Precipitation through 5/30 = 13.39" | | | | | | |
| Rainfall accumulation week of 6/14 through 6/19 = 0.36" | | | | | | |

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GRAPE INTEGRATED PEST MANAGEMENT: Tim Weigle***Timing the next fungicide application***

We are starting to get a better picture of the types of crop we can expect from the various vineyard blocks (or areas of blocks) now that we are moving through bloom. With the warm, humid weather and scattered thunderstorm that we have been encountering it is important to continue your disease management program during this critical post bloom period. Remember that the primary inoculum of the four major diseases peaks during the bloom period and is typically expended shortly after bloom. However, to reinforce what Bryan Hed has been writing the past few weeks, with the limited rainfall that we saw during the pre bloom period *it is very possible that we have had insufficient rainfall to ensure that all the primary inoculum has been expended at this time.* This makes the immediate post bloom spray even more important this year. Make sure you use materials that will cover all four major diseases ([Powdery mildew](#), [downy mildew](#), [black rot](#) and [Phomopsis](#)) in vineyards where you have a harvestable crop.

One question that has come up at Coffee Pot meetings the past few weeks is how to time the immediate post bloom application. It is helpful to not think of it in terms of immediate post bloom but rather the application that follows my immediate pre bloom spray. This spray should be made 10- to 14-days after the immediate pre bloom application. The interval should be shortened if there were numerous infection periods after the previous application, heavy rainfall has occurred which would remove materials from the leaves, and/or if the materials used in the previous spray require more frequent application.

With the numerous weather stations found on NEWA growers in the Lake Erie region can easily find out what has happened since their last fungicide application in terms of infection periods and rainfall events. Figure 1 below shows grape disease infection events for the Portland (Route 5) station during the period of June 17 -19. This information can be accessed by following the Grape Diseases link in the Pest Forecasts box on any Station Home Page.

Grape Disease Infection Events for Portland (Route 5)

| | Past | Past | Current | Grape Disease 5-Day Forecast | | | Forecast Details | |
|---|--------|--------|---------|------------------------------|--------|--------|------------------|--------|
| | Jun 17 | Jun 18 | Jun 19 | Jun 20 | Jun 21 | Jun 22 | Jun 23 | Jun 24 |
| Phomopsis | No | Yes | No | - | - | - | - | - |
| Powdery Mildew | Yes | Yes | No | No | No | - | - | - |
| Black Rot | No | Yes | No | - | - | - | - | - |
| Phomopsis - calculates when weather conditions may allow spores to infect susceptible tissue. Powdery Mildew - runs from bud break until early bloom; calculates when weather conditions may allow overwintered, primary spores (ascospores) to infect susceptible tissue. Black Rot - calculates when weather conditions may allow spores to infect susceptible tissue. | | | | | | | | |

Phenological stage: ▼

Choose the phenology stage for the grape variety of interest to display management messages. Concord grape phenology is estimated by the model from historical records for this variety.

Figure 1 (above). Example of Current Grape Disease Infection Events table found on NEWA.

To determine how many infection events (and judge their severity) since the last time you sprayed, use the Show grape infection events log button under the Disease Management text and you will see a table similar to the one in Figure 2 below.

Hide grape infection events log
Show leaf wetness events log

| Grape Infection Events Log | | | | | | | |
|---|------------------|----------|----------|------------|-----------|-----------|----------------|
| When calculating combined wetting periods we use the following rules: 1) an infection event must start with precipitation, 2) successive wetting periods are combined into a single infection event until a dry period of over 24 hours or a wetting period with no precipitation is encountered. | | | | | | | |
| Starting Date/Time | Ending Date/Time | Hours LW | Avg Temp | Total Rain | Phomopsis | Black Rot | Combined Event |
| Download Time: 6/19/2012 9:00 | | | | | | | |
| Jun 17 10:01 | Jun 18 9:00 | 8 | 70.1 | 0.49 | Infection | Infection | Yes |
| Jun 11 17:01 | Jun 12 8:00 | 12 | 69.9 | 0.31 | Infection | Infection | Yes |
| Jun 11 17:01 | Jun 12 8:00 | 12 | 69.9 | 0.31 | Infection | Infection | Yes |
| Jun 1 7:01 | Jun 5 8:00 | 34 | 57.1 | 1.01 | Infection | Infection | Yes |
| May 25 22:01 | May 26 8:00 | 10 | 65.2 | 0.10 | Infection | Infection | No |
| May 7 11:01 | May 9 5:00 | 16 | 59.2 | 0.76 | Infection | Infection | Yes |
| May 7 11:01 | May 9 5:00 | 16 | 59.2 | 0.76 | Infection | Infection | Yes |
| May 2 19:01 | May 4 6:00 | 11 | 65.6 | 0.73 | Infection | Infection | Yes |
| May 2 19:01 | May 4 6:00 | 11 | 65.6 | 0.73 | Infection | Infection | Yes |
| Apr 30 12:01 | May 2 4:00 | 24 | 52.1 | 1.03 | Infection | Infection | Yes |
| Apr 14 15:01 | Apr 15 16:00 | 10 | 59.5 | 0.50 | Infection | Infection | Yes |

Disclaimer: *These are theoretical predictions and forecasts. The theoretical models predicting pest development or disease risk use the weather data collected (or forecasted) from the weather station location. These results should not be substituted for actual observations of plant growth stage, pest presence, and disease occurrence determined through scouting or insect pheromone traps.*



Figure 2 (above). Example of Grape Infection Events Log

The Grape Infection Events Log provides a history of the infection events for Phomopsis and black rot since the beginning of the season. You can find the length of the leaf wetness event, average temperature and total rainfall which you can use to determine the severity of the events.

[Grape Berry Moth Model on NEWA](#)

Using a standard of May 24, 2012 as the date of wild grape bloom (biofix) the table below shows where we stand across the Lake Erie Region in terms of degree day accumulation and [grape berry moth](#) development.

| Location | Degree Day Accumulation on June 19 | Degree Day Accumulation forecast for June 24 |
|-----------------------|------------------------------------|--|
| North East Lab | 558 | 692 |
| Harborcreek | 610 | 690 |
| North East Escarpment | 546 | 678 |
| Ripley | 562 | 688 |
| Portland Route 5 | 554 | 671 |

| | | |
|---------------------|------------------------------------|-----|
| Portland (CLEREL) | 539 | 667 |
| Portland Escarpment | Off line due to technical problems | |
| Silver Creek | 540 | 664 |
| Sheridan | 559 | 694 |
| Versailles | 523 | 648 |
| Lockport | 530 | 664 |
| Ransomville | 538 | 671 |
| Appleton, North | 508 | 634 |

As we get closer to the time where insecticides need to be applied (depending on risk classification of the block) it will be important to use the wild grape bloom and station location that best correlates to your area.

At this point in time, there is no action that needs to be taken for grape berry moth management. Scouting vineyard blocks will be the next important step in your grape berry moth management plan so keep accessing NEWA to get the latest model information.

If you have any questions on how NEWA can be used in your vineyard IPM strategy, do not hesitate to get in touch with me at (716) 792-2800 x203 or by email at thw4@cornell.edu.

IN THE VINEYARD... with Andy Muza

Crop Report Reminder

According to Nancy Lewis (FSA office in Waterford, PA), "Growers are required to file annual crop reports. **Annual crop reports are required to qualify for the various subsidy programs. July 16th is the deadline to file their acreage reports, even on perennial crops. Late file fees are \$46 per farm.** Since this office has no way of knowing what is planted on the producer's acreage, it's necessary for the producers to come to the office to file their acreage report. Another option is that aerial photos of the producers' farms can be emailed to them for completion".

To avoid a late fee growers should contact their local FSA office to inquire about filing a Crop Report.

FOR PA GROWERS:

U.S. Department of Agriculture/Farm Service Agency Seeking Nominations

The U.S. Department of Agriculture/Farm Service Agency is accepting nominations for a County Committee member to serve agricultural producers residing in North East, Harborcreek, Millcreek, Fairview, Girard and Springfield Townships.

The Farm Service Agency County Committee makes important decisions about disaster and conservation programs, commodity price support loans and other agricultural issues affecting local agricultural producers.

Nomination forms are available online at www.fsa.usda.gov/elections or may be obtained from the local FSA Office located at 12723 Rte 19, Waterford, PA 16441.

Deadline to submit nomination forms to the Erie County FSA office is August 1, 2012.

Flyer is included at the bottom of this update!

GRAPE CULTURAL PRACTICES: Jodi Creasap-Gee, Ph.D.

I will be out of the office on maternity leave until the first week of August. In the meantime, growers can contact one of the other LERGP team members.

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COLD-CLIMATE GRAPE FIELD DAY

DATE: Monday, June 25, 2012

TIME: 4pm – 9pm

LOCATION: Hosted at Coyote Moon Vineyards, 17371 County Road 3, Clayton, NY (3 miles east of State Route 12) – *Sponsored by the Northern Grapes Project, Cornell*

Cooperative Extension of Jefferson County, and the Northern New York Grape Growers' Association
MORE INFORMATION AT THE BOTTOM OF THIS UPDATE!



COFFEE POT MEETING

DATE: Wednesday, June 27, 2012

TIME: 10am – 12Noon

LOCATION: Rick Walker vineyard, 2860 Rt. 39, Forestville, NY 14062

Coffee Pot Meetings are free and no RSVP is required. Come join us and your colleagues for timely discussions about what is happening in our local vineyards!

NO COFFEE POT MEETING – 4th of July Holiday

Just a reminder that the offices of the Lake Erie Regional Grape Program will be closed Wednesday, July 4, 2012 for the 4th of July Holiday. The office will reopen on Thursday July 5, 2012 with normal hours.



WEDNESDAY JULY 11, 2012: REGISTRATION DEADLINE - 2012 LERGP Summer Growers' Conference

COFFEE POT MEETING

DATE: Wednesday, July 11, 2012

TIME: 10am – 12Noon

LOCATION: Leo Hans vineyard, 10929 W. Perrysburg Rd., Perrysburg, NY

COFFEE POT MEETING

DATE: Wednesday, July 18, 2012

TIME: 10am – 12Noon

LOCATION: Paul Bencal vineyard, 2645 Albright Rd. Ransomville NY 14131



2012 LERGP SUMMER GROWERS' CONFERENCE

DATE: Wednesday, July 25, 2012

LOCATION: North East Lab, 662 N. Cemetery Road, North East, Pa 16428

Registration form link below and at bottom of this Update:

http://lergp.cce.cornell.edu/Reg%20form_SummerGrowersConference_2012

REGISTRATION DEADLINE: July 11, 2012 / \$25.00 fee for Late Registration

Lunch is included with registration.

More Information To Follow As It Becomes Available - Stay Tuned!



2ND NORTH EAST VINEYARD EQUIPMENT SHOW AND DEMONSTRATION

DATE: Wednesday, July 25, 2012 and Thursday, July 26, 2012

TIME: 9am – 4:30pm

LOCATION: Anthony Road Vineyards, 1020 Anthony Road, Penn Yan, NY 14526 on Route 14, between Geneva and Penn Yan

Andrew Landers of Cornell University is hosting a vineyard equipment show and demonstration in the heart of the Finger Lakes grape growing region on July 25th and 26st 2012, at Anthony Road Vineyards, 1020 Anthony Road, Penn Yan, NY 14526 on Route 14, between Geneva and Penn Yan (by kind permission of John and Peter Martini).

Come and meet equipment manufacturers and dealers and see their machines working in a vineyard. Equipment to be shown includes canopy and weedsprayers, electronics for spraying, canopy hedgers and trimmers, tractors, mechanical weeder, leaf pullers/removers, hilling machines and trellis supplies. A special theme for 2012 is the "Use of engineering methods to improve pesticide application" to match the SWCD grants in Seneca, Schuyler and Yates Counties.

Pre-registration is required: contact Gemma Osborn at NYSAES, Cornell University, 630 West North St., Geneva, NY 14456.

*Email: gro2@cornell.edu Tel: 315 787 2248, **stating which day you will be attending.***

Lunch will be available and 4 pesticide credits will be awarded by NY DEC.



TWO WORKSHOPS AVAILABLE: LAKE ERIE WINE TOURISM STUDY RESULTS TO BE RELEASED

DATE: Wednesday, July 25, 2012

TIME: 6:30pm

LOCATION: South Shore Wine Company, 1120 Freeport Rd., North East, PA. 16428

and

DATE: Monday, July 30, 2012

TIME: 6:30pm

LOCATION: CLEREL conference room, 6592 W Main Rd. Portland NY

Donna Quadri-Felitti will present two workshops on the results and how they can be leveraged by local businesses to enhance the tourist's experience. The first is on Wednesday, July 25 at 6.30 p.m., at the South Shore Winery in North East, Penn. The second workshop is Monday, July 30 at 6.30 p.m. at the Lake Erie Regional Grape Research and Laboratory in Portland, NY.

Both workshops are open to local businesses who participated in the study as members of the Chautauqua County Visitors Bureau, North East Chamber of Commerce, VisitERIE, Lake Erie Concord Grape Belt Heritage Association, and Lake Erie Wine Country.

Pre-registration is required. To register, email quadri@nyu.edu.

PLEASE NOTE: Next Electronic Crop Update will be Thursday, June 28, 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.

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

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

Subscribe to Appellation Cornell Newsletter:

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

2011 Appellation Cornell Newsletter Index:

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cornell/2011-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
716-792-2800**

Cold-Climate Grape



Field Day

Monday, June 25th, 2012

Agenda

4-6 PM New and prospective growers “Meet and Greet” with Phil Randazzo of Coyote Moon Vineyards and Dave Fralick of Deerlick Farms.

6-7 PM Tim Martinson, Kevin Iungerman and Chrislyn Particka, Cornell University: Vineyard walk to discuss the goals of the Northern Grapes Project and view studies that were initiated this year. Tim will also give a short primer on crop size estimation.

7-9 PM Dinner (provided) and Discussion.

- Mike Hunter, Jefferson County CCE: Worker Protection Standard
- Zac Shirk, Cornell Cooperative Extension Summer Intern: Northern New York Grape Management Update Blog and Scouting Report
- Chrislyn Particka, Cornell University: Northern Grapes Project Resources (Website, Newsletters, Webinars)
- Jim Trezise, New York Wine and Grape Foundation: Importance of grapes and wine to the economy in Northern New York



Hosted at Coyote Moon Vineyards

17371 County Road 3, Clayton, NY
(3 miles east of State Route 12)

To Register:

Email Chrislyn Particka (cap297@cornell.edu)
or
Call the Jefferson County CCE office
receptionist at 315-788-8450 from 8:30 am-
4:30 pm or leave a message.

Please give your name and number attending.

Sponsored by the Northern Grapes Project, Cornell Cooperative Extension of Jefferson County, and the Northern New York Grape Growers Association.

LERGP 2012 Summer Growers Conference

Wednesday, July 25, 2012
662 N. Cemetery Rd. North East PA 16428
Registration Deadline- July 11, 2012

Name: _____
Street Address: _____
City: _____ State: _____ Zip: _____
Phone Number: _____
E-mail address: _____

| <i>**Lunch is included with registration**</i> | Per person price | # attending | Total: |
|--|------------------|-------------|--------|
| LERGP Member | \$10.00 | | |
| Non- Member | \$20.00 | | |
| In county Membership and conference | \$75.00 | | |
| Out of County Membership and conference | \$110.00 | | |
| TOTAL: | | | |

Note: You will be charged a \$25.00 fee for late registration

Please send form and check to:
LERGP
c/o Kate Robinson
6592 W Main Rd.
Portland NY 14769

Questions:
Katie-716-792-2800 ext 201 kjr45@cornell.edu
Kevin-716-792-2800 ext 205 kmm52@psu.edu

Names of additional attendees: _____
1 _____
2 _____
3 _____
4 _____
5 _____

IOWA STATE UNIVERSITY

It's all about the vista, baby!

Lake Erie wine tourism study results to be released

For release: June 14, 2012

AMES, Iowa — An Iowa State University alumnus will present results of the recent Lake Erie Wine Tourism research study later this summer. Donna Quadri-Felitti, a clinical associate professor at New York University Tisch Center for Hospitality, Tourism, and Sports Management who recently earned a Ph.D. in hospitality management from Iowa State, will conduct workshops on how to enhance wine tourism based on the study's findings. One finding shows it is the region's vista and scenic beauty that is most prized by visitors.

A native of Erie, Penn., Quadri-Felitti's research examined the "experience economy" in the Lake Erie wine destination. Made popular by business consultants Joseph Pine and James Gilmore's best-selling book, "The Experience Economy: Work is Theatre & Every Business a Stage," the authors' explain that businesses that create memorable experiences for consumers maintain a competitive advantage.

The study's results prove that, the "4Es" of the experience economy—education, esthetics, entertainment, and escapism—were found to significantly influence visitors' future intentions to return to and to recommend the destination. The data revealed visitors value the destination's esthetics more than any of the other elements.

"Wine country esthetics was measured by the landscape particular to the grape-growing economy, called a winescape—the natural, social and cultural aspects of the setting—experienced during a tourist's visit," Quadri-Felitti said. "The region's esthetic dimension is the one area tourism operators and visitors agreed added the most experiential value to the destination."

Over 970 visitors to and 180 business operators working in the bi-state wine trail responded to the survey. The study was conducted over the past year as part of a Sustainable Community Grant from the North East Sustainable Agriculture Research and Education (NE SARE) unit, a USDA-funded program. The researchers determined the typical Lake Erie wine tourist is over 55 years of age — female, college-educated, and relatively affluent — a profile consistent with studies of wine tourists throughout the world.

Ann Marie Fiore, professor and director of graduate education in Iowa State's Department of Apparel, Events, and Hospitality Management and an expert in experiential marketing design's effect on consumer behavior, is working with Quadri-Felitti on the study. "Successful, sustainable rural tourism, depends on a shared understanding of what consumers value," Fiore said.

Quadri-Felitti will present two workshops on the results and how they can be leveraged by local businesses to enhance the tourist's experience. The first is on Wednesday, July 25 at 6.30 p.m., at the South Shore Winery in North East, Penn. The second workshop is Monday, July 30 at 6.30 p.m. at the Lake Erie Regional Grape Research and Laboratory in Portland, NY. Both workshops are open to local businesses who participated in the study as members of the Chautauqua County Visitors Bureau, North East Chamber of Commerce, VisitERIE, Lake Erie Concord Grape Belt Heritage Association, and Lake Erie Wine Country. Pre-registration is required. To register, email quadri@nyu.edu.

For more information on this grant and other NE SARE programs, visit www.nesare.org.

Key contacts: Donna Quadri-Felitti, phone 917 532-5608, email quadri@nyu.edu
Ann Marie Fiore, phone 515 294-9303, email amfiore@iastate.edu

June 14, 2012

Please publish/ announce the following press release. Should you have any questions, I may be reached at 814-796-6760 Ext 107 or at nancy.lewis@pa.usda.gov.

/s/ Nancy L Lewis, County Executive Director

U.S. Department of Agriculture/ Farm Service Agency Seeking Nominees

The U.S. Department of Agriculture/ Farm Service Agency is accepting nominations for a County Committee member to serve agricultural producers residing in North East, Harborcreek, Millcreek, Fairview, Girard and Springfield Townships.

The Farm Service Agency County Committee makes important decisions about disaster and conservation programs, commodity price support loans and other agricultural issues affecting local agricultural producers.

Nominees are to be currently engaged in the operation of a farm and be well qualified for committee work. A producer is eligible to be a County FSA Committee member if the producer lives in the local administrative area up for election and is an eligible voter. FSA Committee members may not hold positions in certain farm and commodity organizations if these positions pose a conflict of interest with FSA duties.

Nomination forms are available online at www.fsa.usda.gov/elections or may be obtained from the local FSA Office located at 12723 Rte 19, Waterford, PA 16441.

The deadline to submit nomination forms to the Erie County FSA office is August 1, 2012.



**United States
Department of
Agriculture**

Farm and Foreign
Agricultural Services

Farm Service
Agency

Erie County Farm
Service Agency

12723 Route 19
Waterford, PA 16441

Ph: 814-796-6760
Fax: 814-796-6962



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