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.
Wednesday, March 15, 2017-
Annual Winter Grape Grower Conference

Register:

Use the registration form on next page or register on-line using the following link:

https://lergp.cce.cornell.edu/event_preregistration.php?event=281
2017 Lake Erie Regional Grape Program Growers’ Conference
March 15, 2016
Williams Center, SUNY at Fredonia Campus

6:30 AM  Tradeshow set up begins

7:00 AM  Registration and Tradeshow open

8:00 AM  Welcome

8:10 - 8:30 AM  Overview of SCRI Project
Mark Amidon, National Grape Cooperative, Luis Sanchez, Gallo Wine Company

8:30 – 9:15 AM Effective Vineyard, Year One Results
Dr. Terry Bates – Lake Erie Regional Grape Program, CLEREL Director

9:15 – 10:00 AM  Precision Vineyard Imaging
Dr. Stephen Nuske, Carnegie Melon University

10:00 – 10:30 AM  Break

10:30 – 11:15 AM Collecting, Processing and Providing Info for Variable Rate Management
Jackie Dresser, Newcastle University and Rhiann Jakubowski, Lake Erie Regional Grape Program

11:15 – Noon Efficient Vineyard Roundtable
Thom Betts and Tracy Beckman and Efficient Vineyard Project Leaders
Moderated by Luke Haggerty

Noon  Excellence in IPM Award Presentation

12:10 – 1:30 PM Lunch and Visit Tradeshow

1:30 – 1:45 PM Climate Smart Farming
Luke will provide name of speaker

1:45 – 2:15 PM Crop Insurance and Risk Management
Kevin Martin, Business Educator, Penn State University

2:15 - 2:45PM Update on Changes in the Worker Protection Standard Regulations
Michael Nierenberg, NYS Department of Environmental Conservation

2:45 –3:15PM Respirator Fit Training and Other Requirements of WPS for Vineyard Owners
James Carrabba, New York Center for Agricultural Medicine and Health

3:15 – 3:45 PM Overview of Grape Insect Pests
Dr. Mike Saunders, Penn State University

3:45 – 4:15 PM NEWA
Dan Olmstead, NYS IPM Program, Cornell University

4:15P Adjourn
LAKE ERIE REGIONAL GRAPE PROGRAM
2017 GRAPE GROWERS’ CONFERENCE REGISTRATION FORM
to be held at SUNY Fredonia Williams Center
on Wednesday, March 15, 2017
Deadline for registration is Friday, March 3, 2017.

<table>
<thead>
<tr>
<th>Name (1st attendee)</th>
<th>______________________________</th>
<th>$__________</th>
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</thead>
<tbody>
<tr>
<td>Farm Name</td>
<td>______________________________</td>
<td></td>
</tr>
<tr>
<td>Address, City, State, Zip Code</td>
<td>______________________________</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>______________________________</td>
<td>E-mail</td>
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</table>

Are you enrolled in Lake Erie Regional Grape Program (LERGP)? Yes____ No____

<table>
<thead>
<tr>
<th>LERGP Member 1st attendee</th>
<th>$ 50.00</th>
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<tbody>
<tr>
<td>Additional attendee on same farm</td>
<td>$ 40.00</td>
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<tr>
<td>Non-member</td>
<td>$100.00</td>
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**REGISTRATION FEES**

Additional Attendees:

<table>
<thead>
<tr>
<th>Name</th>
<th>__________________________</th>
<th>NY DEC/PA PDA NUMBER</th>
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<tr>
<td>Name</td>
<td>__________________________</td>
<td>NY DEC/PA PDA NUMBER</td>
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<tr>
<td>Name</td>
<td>__________________________</td>
<td>NY DEC/PA PDA NUMBER</td>
<td>__________________________</td>
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</table>

*Please add a $25.00 late fee for each reservation made after March 3, 2017*

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

(US funds only)

Date Ck. Rec'd | Amount | Call Kate at 716-792-2800 ext 202 with any questions.
Vineyard Planting Costs

Within the last week both a grower and a researcher wanted to know the cost of planting or replanting a vineyard. Demand for old wine varieties has been increasing. With the decline in Concord and Niagara demand, it is likely that some existing vineyards will be replanted over the next three years.

A grower can make different decisions when it comes to trellis construction and vine type. However, as long as the trellis is designed to be a top wire cordon system, the cost of supplies will be $3,000, plus or minus $300. In the case of a replant, salvaging wood posts could likely reduce costs to $2,400. Labor and machinery hours for planting and trellis construction are not insignificant falling in the range of $300 - $500 per acre. The range is a result of growers reporting widely different methods for post installation and planting speed.

The cost of site preparation is also variable. Adequate drainage is extremely important to long-term efficiency and sustainability. For some, adequate drainage has already been paid for. Drainage has been installed, or the soil is naturally drained. For others drainage installation will cost 2,000 – 4,000 per acre. The method of installation and amount of excavation work determine whether it is a high-cost or low-cost drainage project. As an alternative, similar amounts could be spent on investing in a gravel site. Site preparation also ranges between $30 - $400 per acre. Letting ground lie fallow, or planted to a field crop can take care of much, if not all, of site preparation costs.

In conclusion, an acre of Concord grapes may be planted for less than $3,000. A variety of contributing factors could allow that cost to drift upward to $7,900 per acre. Controlling costs and negotiating favorable site preparation arrangements are important. However, drainage, quality sites and quality trellis materials remain good long-term investments.

<table>
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<th>Supplies</th>
<th>Cost</th>
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<tr>
<td>Total</td>
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<tr>
<td>Wood End Posts</td>
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</tr>
<tr>
<td>Wood Grape Posts</td>
<td>$1,155</td>
</tr>
<tr>
<td>Wire</td>
<td>$300</td>
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<tr>
<td>Misc. Supplies</td>
<td>$20</td>
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<tr>
<td>Anchors</td>
<td>$180</td>
</tr>
<tr>
<td>Vines</td>
<td>$1,037</td>
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<tr>
<td>Grow Tubes (?)</td>
<td>$173</td>
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<tr>
<td>Labor &amp; Installation</td>
<td>$350</td>
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New Bud Hardiness Tool

The Climate Smart Farming Extension Team provides resources related to economic development, grapes, dairy, small fruits, vegetables, integrated pest management, field crops, and soil health issues - answering farmers’ questions about climate variability and farm management. Climate Smart Farming tools, practices, and training programs are being developed to encourage wider adoption of climate change adaptation and mitigation practices to sustainably increase farm productivity and incomes.

Adding new and innovative tools that serve the agricultural industry is a priority for this team. In October, a ‘Grape Hardiness Tool’ was added to the CSF website http://climatesmartfarming.org. This new tool can be used to determine levels of freeze injury to grapes as a result of weather conditions and stage of plant development.

How do I use this tool?
1. Input your location by navigating to your desired spot on the pop-up map, after clicking “Change Location”
2. Use the control panel on the left to input your species and variety
3. Once this information is set, your graph will appear
4. Toggle between “Seasonal Outlook” and “Recent Trend” graphs

After you have set your crop variety and location, the graph on the right will automatically update with the hardiness level corresponding to your specific variety, and the observed daily minimum temperature observed at your selected location. If the blue minimum temperature crosses into the red hardiness line, buds are at risk for freeze damage and you should take proper precautions. Expected hardiness and minimum temperatures are also shown into the future based on weather forecasts to help you anticipate potentially damaging periods. Hovering over the graph on a particular day allows you to see the values associated with each specific date. You can also toggle between season to date and recent trend.

This tool is currently in the last phase of development, and will be available for the entire Northeast in the coming weeks with data for the 2016 growing season. The interactive tool above represents specifically chosen locations, with a location in Maine chosen as the display location to show what a damaging freeze event looks like.
Pesticide Recertification Credits Available On-line

This is typically the time of year we hear from growers who need one or two credits in a relatively short amount of time to be able to renew their New York or Pennsylvania Pesticide Applicators license. For those that can wait until the middle of March, the LERGP Growers’ Conference will be held on March 15 and the agenda we are applying to receive 2 NY and 4 PA pesticide recertification credits for attendance.

If you can’t wait that long, or you need the ever elusive core credit, you can sit in the comfort of your own home (if you own a computer and have an internet connection) or your public library and take as many as 33 courses to receive anywhere between 0.5 – 2.0 credits per course. There are eleven courses available that provide PDA core credits (8 provide NY Core Credits) upon completion. The cost of the courses seem to be about $30 per NY DEC credit (which should equate to 2 PDA credits). Make sure you read all directions on the website to ensure that you receive the proper credits.

These courses are available through the Distance Learning Center, a partnership between Cornell’s Pesticide Management Education Program (PMEP) and the NYS IPM Program found at http://pmepcourses.cce.cornell.edu. States accepting Distance Learning Center Credits include; New York, Pennsylvania, Vermont, Maine, Maryland, Massachusetts, New Hampshire, Rhode Island, Connecticut, and West Virginia. To get a detailed list of credits and certification categories as approved by each state, visit the home page and click on a specific state. For example, as shown in the figure on the next page, there are a number of educational opportunities for those holding a PA applicators license.

Pennsylvania also provides an on-line way to receive core credits. Penn State provides users 8 courses to receive core credits on its Online Recertification Courses webpage, http://extension.psu.edu/pests/pesticide-education/applicators/recertification/online-courses

Cost for these courses are: 1 Core credit is $20 and e Core credits is $35. NOTE: Currently these courses provide recertification credits only for Pennsylvania, Maryland, and in some cases, West Virginia at this time. We always encourage your participation in person at our educational events so we have the opportunity to learn from you as well. However, if you find yourself getting down to the wire for recertification, try the Distance Learning Center as a cost-effective means of earning credits and learning information that can be used in your vineyard IPM operation.
### Pennsylvania Course Numbers and Credits (Pennsylvania 1 Credit is equal to 30 minutes of Training)

<table>
<thead>
<tr>
<th>COURSE NUMBER and NAME</th>
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<th>COURSE NO</th>
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<td>Module 4: Toxicity of Pesticides</td>
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<td>Module 7: Safety Precautions with Pesticides</td>
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<td>Module 20: Weatherwise Application</td>
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<td>Module 21: Pesticide Disposal</td>
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<td>Module 22: Pesticide Storage</td>
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<td>Protecting Water from Pesticide Pollution</td>
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<td>Sweet Corn IPM</td>
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<td>Beating Phytophthora Blight</td>
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<td>Scouting Basics – How’s and Why’s</td>
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<td>Introduction to Developing IPM Strategies</td>
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<td>Introduction to NEWA &amp; Its Use In IPM</td>
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<td>Nozzle Selection &amp; Calibration in Orchard Canopy Sprayers</td>
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<td>Nozzle Selection &amp; Calibration in Vineyard Canopy Sprayers</td>
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<td>Detection &amp; Management of the Brown Marmorated Stink Bug</td>
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<td>Bed Bugs Part 1 - Introduction to Bed Bugs and Their Behavior</td>
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<td>Effective Spraying with Backpack Sprayers</td>
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<td>Effective Spraying with Boom Sprayers</td>
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<td>Asian Soybean Aphid Integrated Pest Management on Soybeans</td>
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<td>How Herbicides Work</td>
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<td>What is Herbicide Resistance?</td>
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<td>Pasture Fly Management on the Dairy</td>
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<td>Fly Control on the Dairy: Barn Fly IPM</td>
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<td>0012VD</td>
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</table>
The Only FRAC Group U6 Fungicide
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Dave Pieczarka
315.447.0560

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Jared Mosier
Phone: (301) 512-3977
jsmosier1@gmail.com

7653 Dutton Rd.
Harborcreek, PA 16421
LERGP Website Links of Interest:

Cornell Lake Erie Research & Extension Laboratory Facebook page

SCRI project web-site:
https://www.efficientvineyard.com/

Table for: Insecticides for use in NY and PA:
http://lergp.cce.cornell.edu/submission.php?id=69&crumb=ipmipm

Crop Estimation and Thinning Table:

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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