



Lake Erie Regional Grape Program

ELECTRONIC CROP UPDATE for February 9, 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

Building a Vineyard IPM Strategy: Know Your Pests

Knowing the life cycle of a pest, and the conditions which favor its development, are two of the key components in developing an IPM strategy. A good starting point would be the NYS IPM Fact Sheets series. This series includes fact sheets for primary and secondary pests for a number of crops and commodities.

Fact sheets will typically provide;

- An overview of the pest and its importance to a crop or crops
- Photos and descriptions of the symptoms and signs, or damage, associated with the pest
- Life cycle of the pest
- Control measures

NYS IPM Fact Sheets for Grapes are easily accessed through the NYS IPM Program website at <http://www.nysipm.cornell.edu/factsheets/grapes/default.asp>



[BANDED GRAPE BUG VIDEO - Click to play](#)

A picture is worth a thousand words and YouTube <http://www.youtube.com> provides a chance to view a variety of pests through videos about the pests and how to scout for them. This tool provides the opportunity to visually learn more about a pest management practice before implementing it. A good example of this can be found for Banded Grape Bug, a secondary pest of grapes at the following YouTube URL: <http://youtu.be/FrEJ6IJB is>

However, while YouTube is a great resource for accessing information, caution must be taken to ensure that the information you have accessed is factual. The World Wide Web provides access to an overabundance of information from all types of sources from homeowners who want to share their experiences to

businesses who may be trying to market their product, to everyone in between. While much of the information from this variety of sources may be factual, it is strongly suggested that research-based information from a university research or extension program be at least part of your information gathering. YouTube provides access to university and extension specialist across the country, which can provide you with a broader range of information that will fit your needs. This will ensure you have an unbiased, scientific foundation to build upon while accessing information for inclusion in an IPM strategy.

Next week, Knowing When Pest Management is Necessary...

On-line Version of the 2012 New York and Pennsylvania Pest Management Guidelines for Grapes is now available at: <http://ipmguidelines.org/grapes/>. If you have not had a chance to get your hard copy (*see below!*) of this annual publication yet, you have the opportunity to get a look at what is new and different in the world of grape pest management.

The 2012 *New York and Pennsylvania Pest Management Guidelines for Grapes* **HARDCOPY** is now available and can be obtained through your local Cornell or Penn State Cooperative Extension office or directly from the Pesticide Management Education Program (PMEP) Educational Resources Distribution Center at Cornell University. To order from the PMEP Educational Resources Distribution Center, call (607) 255-7282, send an email to patorder@cornell.edu, or order online at <https://psep.cce.cornell.edu/store/guidelines>. Cost for the *Grape Guidelines* is \$25, shipping included.

NOTE: Erie County, PA growers and extension members: Due to a different funding structure of Penn State Cooperative Extension, the guidelines are still included through participation in the Lake Erie Regional Grape Program.

WEBSITE MAKEOVER CONNECTS FRUIT GROWERS WITH CORNELL RESOURCES: *Thanks to a total makeover, the Cornell Fruit website (fruit.cornell.edu) makes it even easier for commercial fruit growers to find the information they need! Check out the new website!*

Fruit loss to birds is a longstanding and costly problem that has received little coordinated attention from researchers, until now. Attention to these issues is about to increase, as a new multi-state, multi-year research project kicks off this year. [Click here to see the complete article!](#)

MEET OUR NEW POST-DOCTORAL ASSOCIATE: James Taylor, Ph.D.

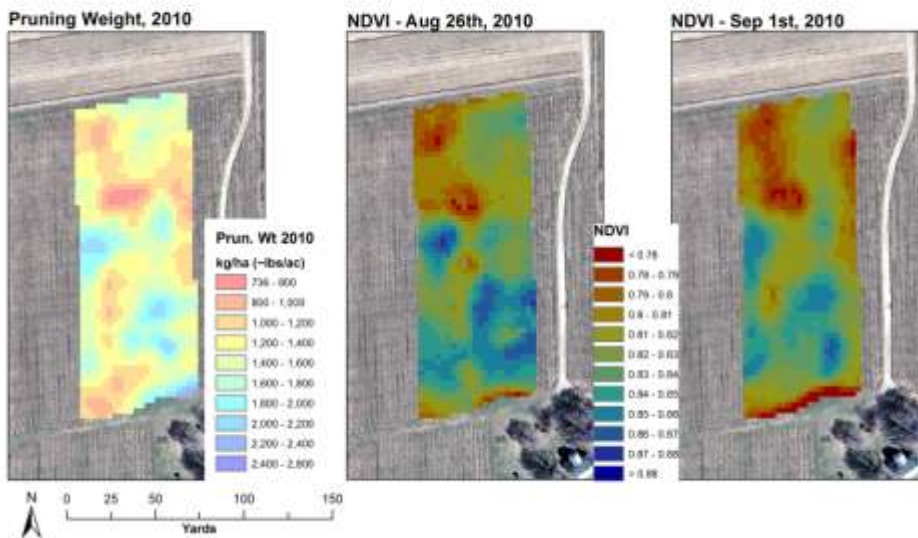
An Antipodean Arrival



G'day Everyone. My name is James Taylor and I am a new research recruit at CLEREL (and no, you do not want to hear me sing!). I have come to Western New York to help Terry Bates with his Precision Viticulture projects for at least a year; maybe more depending on the success of funding applications. As you will quickly learn from my accent, I am not from around these parts. I have arrived from Sydney, Australia via Montpellier, France (with a few other stops along the way). For the past 10 or so years I have been involved research that has looked at the application of new and developing technologies in agriculture - loosely referred to as Precision Agriculture or Precision Farming. In particular, I have worked in perennial horticulture systems; including grapes in Australia, Chile and France, kiwifruit in New

Zealand and apples in Australia and Italy. The objective of my stint at CLEREL is to try to work out if we can make growers some more money by smartly applying new technology, particularly canopy sensors, into Concord vineyards. From my previous work in winegrape systems we know that there is a lot of production variation within individual blocks that can be managed to improve productivity (profitability). Cool-climate juice production however is not winegrape production and it presents a new and different challenge to how we can cost-effectively adapt and use these new technologies. Hopefully we will be successful in doing this.

I have been given a speaking slot in the upcoming 2012 Grape Growers Conference to delve a bit deeper into my past and to present some of the things that we are planning to do over the next year. I look forward to meeting 'y'all' at the March 8th Winter Growers Conference or else sometime, somewhere in 2012.



Some very preliminary work on canopy sensors in Concord grapes from vineyard at CLEREL. A visualisation of the spatial patterns observed in pruning weight and from a canopy sensor at two dates after veraison in 2010. The canopy sensor provides an index, the normalised difference vegetation index (NDVI), which is an indication of the photosynthetic active biomass of the vine (i.e. how vigorous the vine is).

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

[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.)



SUCCESSION PLANNING SEMINAR

DATE: Tuesday, February 14, 2012

TIME: 10:00am - 12:00pm

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

COST: Free! However, please RSVP with [Kate Robinson](#), 716.792.2800 ext. 201, or by email at kjr45@cornell.edu



The Northern Grapes Project Webinar Series

Nuts and Bolts of Canopy Management

DATE: Tuesday, Tuesday, February 14, 2012

TIME: 12:00 Noon Eastern (11:00 AM Central); 7:00 PM Eastern (6:00 PM Central)

Canopy management involves manipulation of vine growth to achieve production goals – whether optimizing light interception, managing or minimizing disease pressure, adjusting cropping levels or maximizing fruit quality. It is one component of a vineyard management system that includes site selection, cultivar, vine spacing, training system, fertility and water management. These attributes will then determine the required intensity of shoot and cluster thinning, shoot positioning, shoot tipping, and fruit zone leaf removal throughout the season.

Tim Martinson and Mike White will cover the when, where, how and why of these canopy management practices, and explore costs and benefits associated with them.

To Register: Registration is free, but required. To register, fill out the online form posted at:

https://cornell.qualtrics.com/SE/?SID=SV_9GngQMOOcfgnxxa

A few days prior to the webinar, those who register will be sent the web address (URL) for the Adobe Connect session. **Please Note: Only those who complete the online registration form will receive connection details to participate in the webinar.**

Even if you have registered for past webinars, you still must register for this webinar in order to receive the email. Further webinar information is available online at:

<http://blogs.cornell.edu/northerngrapeswebinars/>.

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
[Chrislyn Particka](#), PhD, Project Manager, Northern Grapes Project, cap297@cornell.edu



WINEMAKER'S ROUNDTABLE

DATE: Monday, February 20, 2012

TIME: 4:00pm - 6:00pm

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

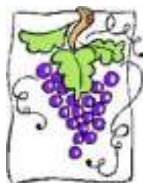
These are informal meetings designed to provide a venue for sharing information, getting to know each other and increasing our collective knowledge and winemaking skills to raise the quality and visibility of wines from our regions.

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: Vinifera whites (Pinot Grigio, Riesling, etc.)



TWO TRAC SOFTWARE WORKSHOPS SCHEDULED SPRING 2012!

Learn about using Trac Software and receive DEC credits!

DATE: Tuesday, February 21, 2012

TIME: 1:00am - 4:00pm

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

DATE: Wednesday, February 22, 2012

TIME: 9:00am - 12:00pm

LOCATION: Niagara County CCE, Lockport, NY

DEC Credit, Agenda and **More** information below at end of this update!

WINE INDUSTRY WORKSHOP

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](#)

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](#)

[Registration Form \(PDF\)](#)

[Draft Agenda \(PDF\)](#)



MARK YOUR CALENDARS NOW!

LERGP 2012 WINTER GRAPE

GROWERS' CONFERENCE

DATE: Thursday, March 8, 2012

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

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.

AGENDA AND REGISTRATION FORM IS BELOW AT BOTTOM OF THIS UPDATE!



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.

Next Electronic Crop Update will be: Thursday, February 16, 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.

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**



Trac Software Workshops

Learn about using Trac Software and receive DEC credits!

| Category | Credits |
|----------|---------|
| 1a | 2.50 |
| 10 | 2.50 |
| 22 | 2.50 |

Must attend the full workshop to receive full credits

Two Workshops in Western New York are scheduled during spring 2012:

| Location | Date | Time |
|--|--------|------------------|
| CLEREL, Lake Erie Regional Grape Program, Portland, NY | Feb 21 | 1:00-4:00 PM |
| Niagara County CCE, Lockport, NY | Feb 22 | 9:00 AM-12:00 PM |

Workshop Outline

First Hour – Using Trac Software, the Basics

Opening Trac, Enabling Macros and Saving Files
 Protecting Your Software and Hidden Rows
 Updating Trac from the Previous Year, Excel Shortcuts and Trac Tips
 Setting Up Your Information in Trac – NameAddress, Applicators, SiteLists
 ChemTable, Inventories and Tank Mixes
 Keeping Records in Trac, SprayData, FertData and HarvestData
 EPA WPS Central Posting Form, Applicator Records
 Creating and Printing Reports with Trac
 break

Second Hour – Advanced Features of Trac Software

More about SiteLists
 Advanced ChemTable Features
 Customizing Trac Software
 Create Report Files to Submit Electronically
 Working with Data, Filtering and Sorting
 Where to Access Technical Support
 break

Wrap-up – Question & Answer Discussion Session

In this session the floor will be open to questions and discussion from the audience. Questions will be taken throughout the Workshop, but those of a more individual or highly advanced nature will be addressed during this session.

Thank our location hosts!

Tim Weigle
 Kevin Martin
 Debbie Breth

Participants attending the workshop will receive DEC recertification credits.

For more information contact

Juliet E. Carroll, Fruit IPM Coordinator, NYS IPM Program
jec3@cornell.edu
 315-787-2430



2012 LAKE ERIE REGIONAL GRAPE GROWERS' CONFERENCE

March 8, 2011

Cornell Lake Erie Research and Extension Laboratory (CLEREL)

6592 West Main Road, Portland, NY 14769

| | |
|------------------|--|
| 7:30 AM | Registration |
| 8:30 – 8:35 AM | Welcome |
| 8:35 – 9:00 AM | Farm Cost Survey Results – <i>Kevin Martin, LERGP, Penn State</i> |
| 9:00 – 9:30 AM | Using NEWA resources in Your Vineyard IPM Strategy – <i>Tim Weigle, NYS IPM Program, Cornell University</i> |
| 9:30 – 10:00 AM | Underground Battles - Japanese Beetle and Phylloxera – <i>Greg Loeb, Dept of Entomology, Cornell University</i> |
| 10:00 – 11:00 AM | BREAK |
| 11:00- 11:30 AM | LERGP Grape Grower of the Year Award |
| 11:30 - 12:00 PM | Brown Marmorated Stink Bug and Spotted Wing Drosophila – <i>Peter Jentsch, Hudson Valley Lab, Cornell University</i> |
| 12:00 - 12:30 PM | Managing Powdery, Downy, Black Rot and Phomopsis through the growing season. – <i>Wayne Wilcox, Dept of Plant Pathology, Cornell University</i> |
| 12:30 – 2:00 PM | LUNCH AND VISIT TRADE SHOW |
| 2:00 – 2:30 PM | The Future of Grape Research in New York State Jim Bedient, New York Wine Grape Growers Association |
| 2:30 - 3:00 PM | Pesticide Safety, Efficacy, and Integration into a Vineyard Pest Management Program. – <i>Andy Muza, LERGP, Penn State</i> |
| 3:00 - 3:30 PM | Integrated Approach to Concord Productivity and Juice Quality – <i>Terry Bates, Dept of Horticulture, Cornell University</i> |
| 3:30 - 4:00 PM | Title to be determined. – <i>James Taylor, Post Doc, CLEREL, Cornell University</i> |

Thursday, March 8, 2012
LAKE ERIE REGIONAL GRAPE PROGRAM
2012 GRAPE GROWERS' CONFERENCE REGISTRATION FORM

to be held at CLEREL, 6592 West Main Road, Portland NY 14769

Deadline for registration is February 24, 2012. Space is limited to first 80 registrants.

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 | \$ 40.00 |
| Additional attendee on same farm | \$ 30.00 |
| Non- member | \$100.00 |
| Non- member joining today (in program region-Chautauqua & Niagara county) | \$105.00 |
| Non-member joining today (outside of program region) | \$140.00 |

Additional Attendees:

| | |
|--|----|
| | \$ |
| | \$ |
| | \$ |
| | \$ |
| | \$ |

*Please add a **\$25.00 late fee** for each reservation received after February 24, 2012

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.