



The Lake Erie Regional Grape Program



Crop Update for May 22, 2014



Upcoming Event Dates to put on your calendar:

Please note the deadline for each event.

CORRECTION!- Please note that the Coffee Pot Schedule had an error- It was noted as May 29th but should be Wednesday, May 28th.

May 28, 2014- COFFEE POT MEETING at Betts Farm, 7365 East Route 20 Westfield NY 14787

June 12, 2014- TAP reimbursement information meeting with Mary Lynn Laver CLEREL from 4:00pm-5:00pm

NOTE: This meeting was originally scheduled for June 10th- it has been moved to the 12th.

June 21, 2014- Hops Production in the Lake Erie Region

Full day conference focusing on the process of commercial Hops production. The morning program will consist of oral presentations presented at the Brocton Central School and then after lunch the group will move outside to the hopyard at CLEREL.

Deadline for pre-registration: Friday June 13, 2014

August 20, 2014- Thompson Ag Pig Roast- more info to come-

Information and registration forms for all of the listed events are available in this update.

Registration is also available on-line for most programs at our web-site: lergp.cce.cornell.edu



The password for the LERGP web-site changed on April 24th. An e-mail was sent to everyone who has renewed their membership for the 2014 year with the new password. If you believe your name has been omitted in error, please give me a call at the office 716-792-2800 ext 201 or stop in and we can review.

Thank you!
Katie

Business Management

Check Writing Tool

Kevin Martin, Penn State, LERGP

On a personal level, I do not believe in checks or cash. Plastic and electronic payments offer elegant and simple ways to track expenditures. Of course, owning a small business makes avoiding checks and cash nearly impossible. As banks reduce services and/or increase the costs of those services traditional payment methods have gotten harder to track. At the request of a few growers, I've worked on a spreadsheet to assist in check writing as well as logging those expenses for future reference.

I know there are a number of software solutions that exist that tackle this problem. Growers find them expensive and I find them clumsy and counterintuitive. After trialing some of them, I cannot really recommend them. Only a few growers asked for this spreadsheet, so it is currently in beta. Beta is code for, it kind of works. If you have a decent understanding of excel, I'd be happy to show you how it works and help set it up for your particular use. If not, I'll also continue to work on it. The goal being to protect the integrity of the spreadsheet, increase the ease of data entry and decrease amount of set-up required.


The tool can also be linked to a form that assists with payroll calculations. Again, though, the payroll tool is also a work in progress. It works but the data entry process needs to be smoothed out before we roll it out to the masses.

If you already write your own checks, I'd highly recommend trying this out. Growers that were interested were in that group. If you are not writing your own, it does offer the possibility of lower cost checks and greater traceability. I have included some screenshots of the sheet. Just let me know if it would be a tool useful to you.

Payroll Information is entered on a Payroll sheet in Excel

	A	B	C	D	E	F	G	H	I	J	K	L
1	Name	Date	Vines	Gross	Fica	Fed	State	Net	Q	M	EFTPS	
55	Kevin Martin	5/21/14	12	144	11.02			132.98	2	5	22.04	131

From that data a check and pay stub are generated.

	A	B	C	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	
2			Kevin Martin													131					3	2	1
3	Gross Pay	144	6502 West Main Road																				
4	Withholdings		Portland, NY 14769																				
5	Federal	0																					
6	State	0	Pay to the																				
7	FICA	11.02	Order of Kevin Martin																				
8																							
9			One Hundred Thirty Two Dollars and Ninety Eight Cents																				
10																							
11																							
12			1165 Main Street Ext.																				
13			Dunkirk, NY 14048																				
14			Memo																				
15			⑆022307829⑆				55555555555																
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24																							
25																							

Write 1 Check

Write 2 Checks

Write 3 Checks

The "Write 1 Check" button triggers printing, it creates a carbon copy and it advances the check number.

An EFTPS report is also generated as payroll is completed

	A	B	C	D	E	F	G	H	I
1	Month	Gross	FICA	Fed	State	Net	Due	Payments	Balance
2	1	1887.5	144.39	177	55.6	1510.51	465.78	1354	888.22
3	2	0	0	0	0	0	0	0	888.22
4	3	2353	180	0	0	2173	5	0	883.22
5	4	14636.8	1119.74	234	72.6	13210.46	44	2500	3339.22
6	5	10379.75	794.04	0	0	9585.71	50	1000	4289.22
7	6	0	0	0	0	0	0	0	4289.22
8	7	0	0	0	0	0	0	0	4289.22
9	8	0	0	0	0	0	0	0	4289.22
10	9	0	0	0	0	0	0	0	4289.22
11	10	0	0	0	0	0	0	0	4289.22
12	11	0	0	0	0	0	0	0	4289.22
13	12	0	0	0	0	0	0	0	4289.22

A quarterly and annual report for total payments are also generated

	A	B	D	E	F	G	H	I	J	K	L
1	Kevin Martin			Quarter	All						
2	First Name	Last Name	SSN	Address	Address	Gross	Fica	Feder	State	Net	
65	Kevin	Martin				144.00	11.02	-	-	132.98	

Cultural Practices

It's Time to Prune the Wine Grapes (If you haven't already)

Luke Haggerty

Viticulture Extension Educator, Lake Erie Regional Grape Program

Wine Grapes: With bud break occurring in all wine grape cultivars, it is time to assess what's left, going into the growing season. Here at CLEREL, the 'Winter Bud Damage' numbers I reported on this winter seem to be close to the amount of live buds I'm finding in the vineyard now. However, our Riesling seems to be worse off than the 62% bud damaged assessed during bud cuttings. Cutting out trunks and cordons, I noticed severe damage to the phloem and cambium vascular tissues. The damage seems to be very spotty. I'm seeing a large variation of damage as I walk the rows. Vines varied from completely dead to having excessive damage, while others showed only minimal damage. Most of our *vinifera* blocks will need to be renewed by training up suckers and others will have to be replanted. If you notice significant damage to any of your vineyards, a member of the USDA will be at the May 28th coffee pot meeting at the Betts Farm in Westfield to discuss relief programs. We will also be hosting a separate meeting on June 12th, from 4:00 to 5:00 to discuss the USDA Farm Bill and the 'Tree Assistance Program' (TAP) which is designed to reimburse growers for retraining and or replanting vineyards that have been damaged by this winters cold temperatures.



IPM

Even When Things Change, The Basics Stay The Same

Tim Weigle, NYSIPM, LERGP

During conversations with growers this spring, it occurred to me that I have been talking about grape IPM for 25 years. And while things have changed a bit over the years, I find that when I talk to successful growers they all talk about the basic components they use in their vineyard IPM strategies. Below is a list of the most common components;

Know your pests – Knowledge of pest identification and life cycles will ensure the proper materials are applied at the correct time. The NYS IPM Program has a series of fact sheets on grape pests at: <http://www.nysipm.cornell.edu/factsheets/grapes/>

Sprayer calibration – Whether it a weed sprayer or one used for applying fungicides and insecticides, it should be calibrated at the beginning of each season and whenever the amount of water per gallon applied per acre is changed. Materials cost too much to have a poorly calibrated sprayer either applying too much or too little per acre.

Ensure adequate coverage/use enough water per acre – plainly put, if it isn't making it to the target in adequate amounts, you are throwing away money with each tank applied. Water is the cheapest component in a tank mix. Work done in the past has shown that the extra time taken to fill a spray tank pays for itself in improved disease and insect control.

Spray every row – Research conducted by Andrew Landers, Wayne Wilcox and Greg Loeb proved that coverage was improved by spraying every row (as opposed to every other row) resulting in improved disease and insect control. This is true even early in the season when green tissue is at a minimum.

Maintain spray intervals – while especially true for fungicides, there are times when this works for insecticides as well. Once you make a pesticide application, continue to maintain spray intervals, shortening them if excessive rainfall occurs, to ensure there is continuous protection against the pest. Exceeding spray intervals can create gaps in coverage limiting the effectiveness of earlier sprays on controlling the pest population.

Block –by–block management – With an operation of any size, treating all vineyards the same can lead to over, and under, application of management tools. Knowing the size of each block will also help to fine tune pesticide and fertilizer applications. If you do not yet have a GIS map of your vineyard operation, contact Kim at (716) 792-2800 ext 210 or by email at: ksk76@cornell.edu

Pre bloom to Post bloom – This is the most critical time for powdery mildew, downy mildew, black rot and Phomopsis fruit infections. Primary inoculum is peaking at this time so continuous coverage with the appropriate materials is a must during this time.

Resistance management – To avoid the loss of effective materials; you need to know what active ingredient(s) are being applied each time you spray. This will help you make a conscious effort to rotate active ingredients during the growing season to reduce the risk of resistance development. Resistance management is important for fungicides, insecticides and herbicides.

Read the label – it's the law – The label will give you the active ingredient, the pests it can be used for, the rates per acre, required personal protective equipment (PPE), spray intervals, reentry intervals and days to harvest restrictions. Reading the label provides the base information needed to make safe and intelligent pesticide applications.

Scout! – Make it a habit to get out into vineyards on a block-by-block basis to identify any problems early. It is very difficult to control pests, especially diseases, once they become established. It is important to scout after a pesticide application to make sure the desired effect was achieved. Spraying and walking away can be a recipe for disaster. If you are not saying “What’s that?” at least once per season you are not out in the vineyard enough.

Use the latest IPM information – The latest weather and pest model information is available through the Network for Environment and Weather Applications (NEWA) <http://newa.cornell.edu/> With an ever increasing number of stations coming on board each year there is a great chance that there is a weather station near you. And if not, you can purchase a station and join the network. The weekly Lake Erie Regional Grape Program Coffee Pot meetings held across the Lake Erie grape belt during the growing season are also a great way to stay current with what is happening in the vineyards. Check out the schedule in the upcoming events section of our website for locations.

2014 LERGP Coffee Pot Locations



May 7th	10:00am	Ann & Martin Schulze 2030 Old Coomer Rd. Burt NY 14028
May 14th	10:00am	John Mason 8603 W. Lake Rd. Lake City PA 16428
May 21st	10:00am	Leo Hans 10929 W Perrysburg Rd. Perrysburg NY 14129
May 28th	10:00am	Bob & Dawn Betts 7365 E Rte 20. Westfield, NY 14787
June 4th	10:00am 2:00pm	Clover Hill Farms- 10401 Sidehill Rd. North East, PA 16428 Brant Town Hall- Back entrance 1294 Brant North Collins Rd Brant NY 14027
June 11th	10:00am 2:00pm	The Winery at Marjim Manor, 7171 East Lake Rd.Appleton NY 14008 Chris Ortolano-2053 Lake Rd. Silver Creek NY 14136
June 18th	10:00am 2:00pm	Dan Sprague- 12435 Versailles Plank Rd. Irving NY 14081 Evan Schiedel/Roy Orton -10646 W Main Rd. Ripley NY 14775
June 25th	10:00am 2:00pm	Tom Tower 759 Lockport Rd. Youngstown NY 14174 Jim Pratz- 9210 Lake Rd. North East PA 16428
July 2rd	10:00am	Peter Loretto- 10854 Versailles Plank Rd. North Collins NY 14111
July 9th	10:00am	Kirk Hutchinson- 4720 W Main Rd. Fredonia NY 14063
July 16th	10:00am	Earl & Irene Blakely 183 Versailles Rd. Irving NY 14081
July 23th	10:00am	Fred Luke- 1755 Cemetery Rd. North East PA 16428
July 30th	10:00am	Carl Vilardo- Walker Rd. Westfield NY 14787

Hops Production in the Lake Erie Region

When: Saturday, June 21, 2014

Time: 8 AM – 4 PM

Where: Brocton Central School

138 West Main Rd.

Brocton NY 14716

Cost: \$75 for members of the Northeast Hops Alliance, \$100.00 for non-members

Class size is limited; sign up early to ensure a spot in the class.

To register: Contact Kate at (716) 792-2800 x 201 or kjr45@cornell.edu

Participants will learn about commercial hops production; starting with classroom instruction on production practices from commercial hops growers from Pennsylvania and New York as well as Cornell University extension staff. The talks will provide an overview of hops production from before they are planted in the ground to the processing and marketing after harvest.

In the afternoon participants will head out to the CLEREL hop yard for a firsthand look at hop yard construction and a discussion with hops growers on the practices they use in their hop yards. A small scale harvester prototype will be available for viewing in the afternoon.

Topics to be covered

Planting a hop yard

Nutrition basics

Short trellis hops production

Processing – what to do with your hops after harvest

Marketing hops

Determining pricing for selling hops



Hops Production in the Lake Erie Region

Saturday, June 21, 2014
at
Brocton Central School
138 West Main Rd.
Brocton, NY 14716



\$100.00 General
\$75.00 NeHA Members
(you can join or renew your membership at: www.northeasthopalliance.org)

Name: _____
St. Address: _____
City, State, Zip _____
Phone Numbers: Home _____ cell _____
E-mail address: _____
of hills you have: _____

Names of additional registrants:	NeHA Member	Non-member
_____	\$75.00	\$100.00
_____	\$75.00	\$100.00
_____	\$75.00	\$100.00
_____	\$75.00	\$100.00
_____	\$75.00	\$100.00

Total number of registrants: _____ Total paid: _____

Registration questions:
Contact: Kate Robinson at 716-792-2800 ext 201 or e-mail: kjr45@cornell.edu

Mail form and payment made out to LERGP to:
LERGP, c/o Kate Robinson 6592 West Main Rd. Portland, NY 14769

2014 Lake Erie Regional Grape Program Enrollment

****This form is for NY Growers ONLY- PA Growers call 814-825-0900 to register**

Fees:

\$70.00 \$_____ **GRAPE Program** -Chautauqua county landowner
(*\$45.00 program fee, \$25.00 Chautauqua County Base Fee*)

\$65.00 \$_____ **GRAPE Program**- Cattaraugus, Erie, NY or Niagara
(*\$45.00 program fee, \$20.00 County base fee*)

\$100.00 \$_____ **GRAPE Program** -Out of Program Region Resident

\$25.00 \$_____ 2014 Cornell Guidelines for Grapes

\$25.00 \$_____ Hardcopy mailing of Newsletters***

Total \$_____ (Please make check payable to LERGP)

Program fees do
not include 2014
Cornell Guidelines for
Grapes

I am interested in the educational work of Cornell Cooperative Extension in Niagara, Chautauqua and Cattaraugus County. Any current re-
corded enrollee 18 years of age and older shall have voting and nominating privileges to hold office in the Association of their local county.

☐ I am 18 years of age or older and signed_____

☐ New ☐ Renewal

Farm Name:_____

Name:_____ Spouse's Name: _____

Address:_____ City:_____

State:_____ Zip Code_____

Home phone:_____ Cell Phone :_____

***Due to budget constraints, all correspondence will be conducted through e-mail. Please provide your
e-mail address below. If you would like to receive hardcopies, mark the \$25.00 additional fee line above
and include with payment.***

EMAIL ADDRESS_____

Please return form and payment to:

Feel free to call w/ questions:

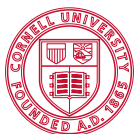
LERGP

716-792-2800 Ext 201

6592 West Main Rd.

Portland NY 14769

Attn: Katie



Cornell University

PENNSTATE



College of
Agricultural
Sciences



Cornell University
Cooperative Extension

LERGP Website Links of Interest:

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.

Please remember to RSVP for those events that require one!



Next Crop Update: May 29, 2014

Lake Erie Regional Grape Program Team Members:

Andy Muza, (ajm4@psu.edu) Extension Educator, Erie County, PA Cooperative Extension, 814.825.0900

Tim Weigle, (thw4@cornell.edu) Grape IPM Extension Associate, NYSIPM, 716.792.2800 ext. 203

Kevin Martin, (kmm52@psu.edu) Business Management Educator, 716. 792.2800 ext. 205

Luke Haggerty, (llh85@cornell.edu) Grape Cultural Practices, 716.792.2800 ext. 204

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.

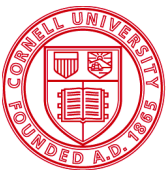
CCE does not endorse or recommend any specific product or service.

THE LAKE ERIE REGIONAL GRAPE PROGRAM at CLEREL

6592 West Main Road

Portland, NY 14769

716-792-2800



Cornell University
Cooperative Extension



College of
Agricultural
Sciences