

The Lake Erie Regional Grape Program



Crop Update June 8, 2017





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.

Dates of interest:



Wednesday, June 14- Coffee Pot- 10:00am- Jeff Schultz Farm, 2707 Albright Rd., Ransomville, NY 14131 3:00pm- Orton Farm, 10646 West Main Rd. Ripley, NY 14775 **see the full schedule located in this Crop Update.**



Monday, July 10- *Grape Market Order Public Hearing, CLEREL, 6:00pm*-8:00pm

Tuesday, July 11- *Grape Market Order Public Hearing, CLEREL, 10:00am- 12:00pm*



Wednesday, August 2, 2017- *LERGP Twilight Meeting, Gravel Pit Park, 10300 W Main St. North East, PA 16428*



Friday, August 11- *LERGP Summer Grower Conference- come join us in celebrating 25 years of service! See registration information at end of this Crop Update!*



Saturday, August 12- *LERGP Open House- We would like to invite our neighbors to see what it is that we do here at CLEREL.*



Saturday, August 19- *LERGP Hops Production in the Lake Erie Region Conference- see registration information at the end of this Crop Update*

Business Management

Kevin Martin, Penn State University, LERGP, Business Management Educator

Coffee Pot Discussions

Well we finally have some dry weather in the forecast. Despite that, well attended coffee pot meetings tell me that most growers have their immediate pre-bloom spray applied and are just waiting for bloom.

Yesterday, disease was easier to find than crop insurance policies. Despite some concern about the challenging Concord market, mostly heavy crops and some sunny weather increased 2017 optimism.

While the cash juice market remains perilous, cooperative markets and wineries are doing better. Long term sustainability remains a concern, but for many growers' profitability is within reach as long as crop size is adequate.

Profitable growers were strategic when prices were high. With lower prices, the best place to improve cash flow is to reduce or eliminate capital investment. The second best place to improve cash flow is to reduce fertilizer costs. Strategic investments in capital that improve efficiency provide an edge when prices fall. Adequate to slightly above fertilizer applications improve soil health and allow a reduction in fertilizer applications when prices fall.

We are seeing growers realize dividends from somewhat recent investments in multi-row sprayers, cover crop seeders and bulk grape bins. Some growers are in chronic need of lime and potassium, while others have increased their soil pH to 5.75 - 6.1 and may avoid applications of lime and potassium for a few years.

This year has provided a stark reminder of the inability to manipulate disease and herbicide management costs in an effort to operate more efficiently. A grower may decide to invest less in those costs, but research indicates the impact on net profitability will be negative in just a few months for most cooperative growers and wine grape growers.

Unfortunately, if grape prices and contracts are so poor for some growers it is possible some grapes are worth so little that multiple pre-bloom spray applications are not economical. In that situation, the best short term solution for cash flow is to abandon, sell or repurpose some vineyard blocks. The best short-term solution is not always the best long-term solution. We cannot define the best long-term solution without a time machine. I expect that we will continue to see cash market growers weigh short-term and long-term options.

As I said, it was not all negativity at the coffee pot meetings. Growers shared their experience investing in variable rate technology (Thank you to the Betts/Beckmans). Growers also expressed interest in cover crops and the economic opportunities that cover crops may offer (More on that in the future).

Just one note on cover crops: As all of you know, we lost Luke to Constellation Brands. His work with cover crops has the opportunity to make a real mark on the industry. While he might know more about cover crops in vineyards than anyone, feel free to contact me regarding some of the more basic information about cover crops. I've been briefed and can offer some insight on seed rates and variety/mix selection.

IPM Tim Weigle, NYSIPM, Cornell University, LERGP Team Leader

Grape Rootworm

We started grape rootworm scouting this week in our 8 project vineyard blocks and came up empty as far as grape rootworm is concerned. Thanks to the group of six LERGP extension and research staff who tromped up and down the vineyard rows carrying their catching frames, shaking vines and coming up empty handed. The fact that we did not find grape rootworm adults should be no surprise as we have been tracking first emergence for the past two growing seasons and the earliest we found grape rootworm was June 10 in 2015 and June 21 in 2016. We have been monitoring growing degree days



GRW scouting

using the Portland logger on NEWA <u>http://newa.cornell.edu</u> and found that in 2015 first emergence was at 642 GDD (base 50 with a starting date for accumulating DD of April 1) and in 2016 it was 714.5 GDD. According to NEWA, as of June 7, 2017, we are at 459.7 GDD – well below the GDD found in previous years. The five-day forecast is calling for an average GDD accumulation of 25.2 DD over the next five days. That would put us about 7 days away from first emergence using the 642 GDD found in 2015.

So basically, that is a lengthy way of saying that if you have vineyards where grape rootworm has been a problem in the past, you should probably start scouting for it toward the end of next week or toward the beginning of the week June 19-25.

Banded grape bug

While we did not find any grape rootworm, we did find a number of banded grape bug, (BGB) falling onto our catching frames. While we saw a number of BGB, they were never present at a level where I would consider spraying for them. We saw a range of life stages from early instar nymphs to adults. I would encourage you to get out and scout if you have had problems with BGB in the past (as this is the first year in the 3 years of grape rootworm scouting where we have found this level of BGB) to determine the need for any type of management. A video on banded grape bug and how to scout for them can be found at: https://www.youtube.com/watch?v=FrEJ6IJB

PA Update Andy Muza, Extension Educator, Penn State

In the Vineyard (6-8-17) – Andy Muza

Insects

Rose Chafer

Tuesday (June 6^{th}) I was contacted by a grower in North East, PA that a few rose chafers were found in their vineyard. In 2016, emergence of rose chafers was observed in this same vineyard on June 4^{th} or 5^{th} .

Every year at this time (about a week before bloom) large numbers of beetles emerge from the soil and begin mating and feeding extensively on tender flower clusters and minimally on leaves (Photos 1 & 2). Feeding will continue to occur in vineyards over a 2-3 week period.



Rose Chafer feeding on wild grape cluster

Vineyards with a history of this pest or blocks with sandy soils should begin scouting daily and continue for a 2 week period. Research on rose chafer from Ohio State recommends an insecticide application if a threshold of 2 beetles per vine is reached.

Insecticides for management of rose chafer (2017 New York and Pennsylvania Pest Management Guidelines for Grapes, page 77) include Assail, Danitol and Sevin.



Rose Chafers mating

Adult beetles are about ½ inch long, have a light brown-tan body coloration and long, spiny legs (Photo 3). Females prefer laying eggs in grassy areas with sandy soils. Eggs hatch into larvae and these white grubs feed on roots of grasses, weeds and other plants during the summer.



side view of adult Rose Chafer

Although rose chafers are not a widespread problem in the majority of vineyards in the Lake Erie Region these beetles **can cause significant crop loss** in vineyard blocks where they occur. Vineyard blocks in PA with sandy soils (particularly sandy sites from the lake front to north of Route 20) have the most persistent problem with this pest.

Diseases

Time is running out for those growers that have not applied the Immediate Prebloom spray for diseases. As we have reported numerous times over the years, the Immediate Prebloom and First Postbloom sprays are critical to protect clusters from Phomopsis, Black Rot, Downy Mildew and Powdery Mildew infections.

The Immediate Prebloom spray should include a mancozeb product in your tank mix along with an effective material for powdery mildew (e.g., Quintec, Vivando, Torino).







Welcome to Baby Kylee Bea Elsie Sprague

She was born on May 22, 2017, weighing in at 8lbs, and 19 7/8 inches long.

Congratulations to Dan and Michele!



Welcome Baby Brant Roy Joy.

He was born on June 6, 2017 at 6:00am, weighing in at 7lbs, 14 oz. and 20.5 inches long.

Congratulations to Andy and Becca!!







Respirator Fit Testing Opportunity:

Please see the letter from NYCAMH on the next page regarding an opportunity to be respirator fit tested with a reduced fee.

You must call NYCAMH to schedule an appointment and for any further information.



The New York Center for Agricultural Medicine and Health (NYCAMH) is pleased to provide a respiratory fit testing clinic at the Cornell Cooperative Extension Lake Erie Regional Grape Program Office in Portland, NY from Monday, June 26-Wednesday, June 28. The clinic is by appointment only.

Scheduling appointments

If you would like to schedule appointment(s) for you and/or your employees, or for more information, please call NYCAMH at (800)343-7527. We can accommodate both English and Spanish speakers. Scheduling will be on a first-come, first-served basis. Don't worry though, since the clinic will span three days, we will be able to test many people. When you schedule your appointment, you will need to have the following information available:

- How many people will be fit tested?
- Number of Spanish speakers
- Brand and model of all masks you are using
- If you would like to purchase masks from NYCAMH

After you are scheduled

You will be sent a follow up letter and a request for a non-refundable \$25 deposit for each person that you schedule. This deposit will be applied toward the \$25 medical evaluation, and there will be no additional charges. Walks-ins may or may not be accommodated depending on the schedule. The fee is \$35 for walk-ins.

We can only fit test clean-shaven faces. No stubble, no exceptions.

If you cannot make the Lake Erie Regional clinic, we can place you on our waitlist and contact you again when future clinics are scheduled for your region.

Best regards, Melissa Horsman Project Coordinator

NYCAMH

One Atwell Road · Cooperstown, New York 13326 **Ph** (607) 547-6023/(800) 343-7527 · **Fax** (607) 547-6087 · **Web** www.nycamh.org *A program of Bassett Healthcare Network*

2017 eNEWA Grape Project Subscription Sign-Up

Subscriber information	
Name	
Email address	_
City	

Select Location(s) (circle as many as you like, or write in below)

Lake Erie Region	Sheridan	Lakemont
Appleton, North	Silver Creek	Lansing
Appleton, South	Versailles	Lodi (Lamoreaux)
Dunkirk	Finger Lakes Region	Lodi (Shalestone)
Erie	Aurora	Lodi (Standing Stone)
Harborcreek	Branchport	Penn Yan
North East Escarpment	Dresden (FLGP/FLCC)	Romulus (B. wood Grove)
North East Lab	Dundee (Weimer)	Romulus (Thirsty Owl)
Portland	Fayette 3 Brothers	Varick (Swedish Hill)
Portland Escarpment	Geneva	Watkins Glen
Portland Route 5	Geneva (Bejo)	Watkins Glen (Lakewood)
Ransomville	Hector	
Ripley	Interlaken (Airy Acres)	

Select eNEWA Delivery Times (write in times below) Delivery requests should be on the hour.

Mail to: Tim Weigle, CLEREL, 6592 West Main Road, Portland, NY or scan and email to thw4@cornell.edu

Resources

 A <u>food bank near you</u> is one of the best resources to help you coordinate the donation of your surplus. In 2016, 13.2 million pounds of local food was donated to New York's 10 Regional Food Banks who then donated their bounty to over 5,000 emergency food providers across the state.



- <u>New York State Association for Reduction, Reuse and</u> <u>Recycling, Inc</u>. has a food locator page listing the emergency meal sites in each region that you can also donate to: <u>https://www.nysar3.org/page/food-locators-130.html</u>
- Gleaning is the collection of fresh foods from farms, gardens and other sources. To learn more about gleaning support, contact your local <u>Cornell Cooperative Extension Office</u>.
- Milk is one of the most requested items by food bank clients, yet there is a dire shortage of milk donated. If you are a dairy farmer or processor, <u>call your local food bank today</u> to learn about the opportunity to donate.
- Venison is also in high demand in the emergency food system and farmers can make a donation by delivering a deer to a participating processor. Visit <u>http://www.venisondonation.com/</u> for more information.

Donating Your Harvest to Support Hungry New Yorkers

An Instructional Guide for Farmers on Donating Extra Food



We'll cover:

- ✓ Becoming part of the solution
- ✓ Tax credit for farmers
- ✓ Resources to help you coordinate



The Problem

Studies show that unhealthy, heavily processed food is more affordable and easier to access than food that is fresh, healthy and locally grown.

2.67 million, or 13.5%, of New Yorkers are food insecure and hungry.

New York State's meal gap is 472 million, which means that New York State residents who experience food insecurity fall short of a nutritious diet by 472 million meals in a single year. (Feeding America, 2016).

Nutrition assistance helps close this meal gap each month, but is often not enough. Economic factors are forcing hungry New Yorkers to rely more heavily on supplemental sources of food. Access to healthy, wholesome foods remain a challenge for these families, which makes your donation even more important.

The Solution

As a farmer, you can help! Through community action, the coordination of food distribution, public investment in emergency food sites and recent State legislation, New Yorkers are committed to ensuring that everyone has access to the bounty grown and harvested in the state.

Donating product can happen in many ways. Farmers can donate directly to a food bank, which then delivers product to their network of pantries and soup kitchens. Farmers can also donate their product directly to a local food pantry or soup kitchen. Working with a gleaning team (gleaning is the collection of leftover crops from the field) and then donating product is another option.

When reaching out to a nonprofit to donate, it will be helpful to inquire about the following:

- o Receipt for tax purposes
- o Delivery logistics
- o Packing requirements
- o Specific products needed
- Capacity to coordinate gleaning (if applicable)

New York State Tax Credit for Farmers

Summary: Farm businesses in New York will be eligible to receive up to a \$5,000 tax credit annually for 25% of their donation measured at fair market value.

Who:

 $\underline{\text{Donor:}}$ Farm businesses are eligible to receive a tax credit for donating food.

In order to be an 'eligible farm business,' your federal gross income from farming for the taxable year is two-thirds of excess federal gross.

<u>Recipient:</u> A 501 (c) (3) nonprofit, that includes a food bank, food pantry, soup kitchen or other emergency food site.

What:

Qualified donations can be made by farm businesses to eligible recipients (as listed above). The federal Good Samaritan Act defines a 'qualified donation' as "apparently wholesome food," which means food that meets all quality and labeling standards imposed by Federal, State, and local laws and regulations even though the food may not be readily marketable due to appearance, age, freshness, grade, size, surplus, or other conditions.

Farm businesses will need to request a receipt from the recipient that they can use to earn their tax credit at the end of the year.

When:

Starting on January 1, 2018

Where:

From farm businesses located in New York that donate their product to non-profits in New York State.

Why:

To help compensate farm businesses for some of the costs associated with increasing access to fresh, healthy food.



May 4, 2017

Double A Vineyards, Inc. is pleased to announce that we will be holding a **Summer Grape Conference and Field Day** on July 25, 2017 at the Clarion Hotel, Marina & Conference Center on the Lake Erie shoreline in Dunkirk, NY.

The morning session will include presentations on grape disease management, pesticide application technology, the development and importance of clean vines, and grapevine breeding, culminating in a wine tasting of new and promising cultivars. Following lunch, we will travel by bus for the afternoon session to tour Double A Vineyards' new nursery blocks planted from "clean" virus certified plant material developed by the National Clean Plant Network. Our morning speakers and Double A owners and staff will lead discussions and answer your questions on many aspects of managing the nursery.

The cost to attend is \$75.00, which includes lunch and the wine tasting. A room block is also available for those who would like to stay the night prior to or following the conference.

There is limited spacing so don't wait to reserve your spot!

Register now at <u>www.doubleavineyards.com</u> or by calling the office at <u>716-672-8493</u>.

Thank you for your interest, and we hope that you will be able to participate in our exciting conference.

Sincerely,

Danielle Huber

Marketing Specialist Double A Vineyards, Inc.



LERGP 2017 COFFEE POT MEETING SCHEDULE

Date T	lime	Location	Address
May 3, 2017	10:00am	John Mason Farm	8603 West Lake Rd. Lake City, PA 16423
May 10, 2017	10:00am	CLEREL	6592 West Main Rd. Portland, NY 14769
May 17, 2017	10:00am	Brant Town Hall	1272 Brant Rd. Brant, NY 14027
May 24, 2017	10:00am	Peter Smith Farm	4472 Van Dusen Rd. Lockport,NY 14094
May 31, 2017	10:00am	Dan Sprague Farm	12435 Versailles Rd. Irving, NY 14081
June 7, 2017	10:00am	Betts' Farm	7365 East Route 20 Westfield, NY 14787
June 7, 2017	3:00pm	Archer Pratz Farm	9318 Lake Rd. North East, PA. 16428
June 14, 2017	10:00am	Jeff Schultz Farm	2707 Albright Rd. Ransomville NY 14131
June 14, 2017	3:00pm	Orton Farm	10646 West Main St. Ripley, NY 14775
June 21, 2017	10:00am	North East Fruit Grower	s 2297 Klomp Rd. North East, PA 16428
June 21, 2017	3:00pm	Kirk Hutchinson Farm	4720 West Main St. Fredonia, NY 14063
June 28, 2017	10:00am	Peter Loretto Farm	10854 Versailles Plank Rd. North Collins, NY 14111
June 28, 2017	3:00pm	David Nichols Farm	1906 Ridge Rd. Lewiston, NY 14092
July 5,2017	10:00am	Leo Hans Farm 1	.0929 West Perrysburg Rd. Perrysburg, NY 14129
July 12, 2017	10:00am	Szklenski Farms	8601 Slade Rd. Harbor Creek, PA 16421
July 19, 2017	10:00am	Liberty Winery	2861 Route 20, Sheridan, NY 14135

LAKE ERIE REGIONAL GRAPE PROGRAM- 25 Year Anniversary

2017 GRAPE GROWERS' SUMMER CONFERENCE REGISTRATION FORM

to be held at CLEREL on Friday, August 11, 2017 Deadline for registration is Friday, August 4, 2017

Name (1 st attendee)		\$	
Farm Name			
Address, City, State, Zip Code			
D hawa			
	E-mail		
Are you enrolled in Lake Erie	Regional Grape Program (LERGP)?	YesNo)
	REGISTRATION FEES		ć 20.00
LERGP Member attendee			\$ 20.00
Non- member			\$100.00
Additional Attendees:		\$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00	*Please add a \$20.00 late fee for each reservation made after August 4, 201 TOTAL \$
Please make check payable to (US funds only	LERGP (Lake Erie Regional Grape Pr /)	rogram) and mail	to: Kate Robinson LERGP 6592 W Main Rd Portland NY 14769
Name	NY DEC/PA PDA N	NUMBER	
Name	NY DEC/PA PDA N	NUMBER	
Name	NY DEC/PA PDA N	UMBER	
Date Ck. Rec'd Amo	unt Call Kate at 716-	792-2800 ext 202	with any questions.



Hops Production in the Lake Erie Region Saturday, August 19, 2017 CLEREL 6592 West Main Rd Portland NY 14769 9:00am-4:00pm



Grower Registration Fee- \$50.00- includes, program, morning refreshments and catered lunch

Please provide the following informa	tion:	
Farm Name:		_
E-mail:	Telephone:	
Names of additional attendees:	\$50.00	
	\$50.00	
	\$50.00	
	Total:	
	Payment type:	
	Received:	

Questions? 716-792-2800

Please send to: Attn: Kate Robinson Lake Erie Regional Grape Program 6592 West Main Rd. Portland, NY 14769



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> COME BY OR GIVE US A CALL (814) 725-3705

Hours of Operation: Monday - Friday 8:00am - 5:00pm Saturday 8:00am - Noon

LERGP Links of Interest:

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.

LERGP Web-site: http://lergp.com/

Cornell Lake Erie Research & Extension Laboratory Facebook page https://www.facebook.com/Cornell-Lake-Erie-Research-and-Extension-Laboratory-678754995584587/?fref=ts

Efficient Vineyard 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=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



Lake Erie Regional Grape Program Team Members:

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

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