



The Lake Erie Regional Grape Program

Crop Update June 29, 2017



Photo courtesy of Kevin Martin

Have a safe and fun Fourth of July!



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, July 5- Coffee Pot- *This is a change in location!!*

10:00am- Vetter Farms, 12566 Versailles Rd. Irving, NY 14081

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

Fertilizer Price News

Average retail potash prices are up 6% this year, or \$17 per ton to a price of \$325 per ton. Many vineyards with a large crop in a wet year could consider a summer application of potash if soil tests warrant such an activity. As a reminder, we continue to consider prices below \$400 per ton relatively attractive. There is room for further medium-term declines in the market, as I mentioned in April. There is, however, no guarantee of such a thing considering how much prices have already fallen.

Phosphate application has become a bit trendier in vineyards over the last three years (Thanks Luke). Turns out, many vineyards were just below optimum levels and some vineyards were even very low. Retail DAP prices are up about 5% YTD to \$424 per ton. Like potash, that increase is in the context of a very large decline in prices since 2014.

There is still time for a split application of urea. Highly recommended practice for growers trying to make money yet find themselves with organic matter below 2%. It may even be recommended for higher levels of organic matter depending on what else is going on. Prices have been bouncing around as of late but have fallen 10% - 15% YTD. Average national retail prices are just over \$300 per ton.

There is never a bad time for lime. While the dormant season does make application easier, the impact of lime (relative to cost) is dramatic. Lime is fairly steady in the \$29 - \$33 price range for local markets delivered. Hauling costs represent the lion-share of the price of lime. It has more to do with the cost

of trucking than it does the goods sold. A pH of 6.0 in Concord vineyards is almost something of an anomaly. Around 80% -90% of growers would be more profitable with applications of lime.

The total cost of typical fertilizer programs has fallen to an average annual price of \$45 per acre. An intensive rehabilitation program fertilizer costs could be as high as \$200 per acre. Additionally, very low pH sometimes leads to additional fertilizer costs due to the time it takes to fix pH problems. The inefficient uptake of both macro and micro nutrients can result in necessary foliar and granular applications that cost between \$50 and \$75 per acre.



fertilizer spreader

IPM

Tim Weigle, NYSIPM, Cornell University, LERGP Team Leader

Grape Rootworm – scouting conducted on June 28, 2016 in the eight project vineyard blocks found emergence of grape rootworm adults still underway in blocks that had not yet received an insecticide. Those vineyards where an insecticide had been applied decreased the populations to zero. All vineyard blocks will be scouted the first week of July to document continued emergence, or reemergence, patterns.

It is not too late to scout for grape rootworm. Traditional timing of scouting was the 4th of July weekend so and you may be catching peak emergence by going out now (only continued research will tell us if that is true). We have several materials available for use against grape rootworm. In alphabetical order they are; Admire Pro, Danitol, Leverage 360, Sevin, and Sniper (a generic bifenthrin) If you are growing grapes in New York and want to use Admire Pro, Danitol, Leverage 360 or Sniper for grape rootworm you will need a copy of the FIFRA 2ee recommendation for that use. You can find a copy of these recommendations on the LERGP website under IPM at;

<http://lergp.cce.cornell.edu/ipm.php?season=summer>

Pennsylvania growers do not have this restriction as they can use any of the above mentioned insecticides as they are labeled for use in grapes.

Grape Berry Moth – according to the NEWA model most areas will be at, or near, the 810 DD needed to time an insecticide application in vineyards at intermediate and high risk for damage from grape berry before we send out the next Crop Update. For a number of areas it is forecasted to occur shortly after the Fourth of July holiday. The table below shows the GBM model results from NEWA for sites in the Lake Erie region using the estimated date of wild grape bloom (the biofix that is used to start the grape berry moth model).

NEWA Location	Wild grape bloom date*	DD Total on June 29, 2017	Forecasted DD for July 4, 2014
Versailles	May 28	639	768
Dunkirk Airport	June 1	574	696
Sheridan	May 28	670	797
Silver Creek	May 31	598	719
Portland Escarp.	May 28	651	775
Portland	May 29	643	767
Westfield	May 28	674	798
Ripley	May 28	678	804
North East Escarp	May 27	668	791
Harborcreek	May 28	671	796
North East Lab	May 29	660	785
Erie Airport	May 26	701	827
Ransomville	June 3	559	688
Somerset	June 8	483	608
North Appleton	June 11	397	519
* Estimated date provided by NEWA website			

To get the best information, it is recommended that you access the grape berry moth model for the station(s) nearest you on the NEWA website <http://newa.cornell.edu> and take advantage of the models ability to let you **enter the actual wild grape bloom date** you observed in your area, if different from the estimated date.

Accessing the GBM model page on NEWA also provides you with information on the pest status and what pest management measures should be taken as shown in the figure below.

Pest Status	Pest Management
Start of flight of first generation grape berry moth is expected at this time.	Prepare to scout low and intermediate risk vineyards for grape berry moth damage when DD accumulation after wild grape bloom reaches 750-800 DD. During scouting, determine if damage from first generation larvae exceeds the treatment threshold of 6% damaged clusters. If above threshold, control measures should be applied at 810 DD.

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.

PA Update

Andy Muza, Extension Educator, Penn State

In the Vineyard

Diseases

Powdery Mildew – PM was observed on Concord berries at sites that were scouted this week (Figures 1 & 2). It is likely that some PM infected berries can be found in any vineyard, if you look hard enough. But if PM is easy to find on clusters then examine your spray program to determine why (e.g., poor spray coverage?, efficacy of fungicide(s) used for PM ?, spray interval stretched beyond 14 days between Immediate Prebloom and Postbloom applications ?).

At this point in the season, Concord berries



Figure 1. Powdery mildew on Concord cluster. Photo; Andy Muza, Penn State.jpg



Figure 2. Concord berries with powdery mildew. Photo; Andy Muza, Penn State.jpg

should be close to or resistant to new infections (i.e, about 2 weeks after bloom) whereas *V. vinifera* varieties are resistant after about 4 weeks. Although additional berry infections on Concord grapes may not occur after this time, the leaves, rachises and pedicels are still susceptible to infections. Therefore continue to scout vineyards to monitor PM and to determine if another application for this disease is needed.

Insects

Grape Berry Moth – Concord berries are at the stage where red discoloration (stings) due to larval feeding is evident (Figures 3 & 4). According to the GBM Degree Day Model, high risk sites in our region will

not need an insecticide application for at least another week or more. However, start checking the NEWA <http://newa.cornell.edu/index.php?page=berry-moth> site closest to your vineyards to determine when to spray high risk areas or when to begin scouting low and intermediate risk blocks.



Figure 3. Concord berry with red discoloration caused by GBM larva. Photo; Andy Muza, Penn State.jpg



Figure 4. Stung berries and webbing due to GBM larva. Photo; Andy Muza, Penn State.jpg

North East PA Update

Bryan Hed, Research Technologist, Lake Erie Grape Research and Extension Center

Weather: Another inch of rain over the past week pushes our June rainfall total to 3.14"; about average. We have accumulated about 494 growing degree days during 4 weeks of June (again, about average). We now have 877.5 gdds as of April 1 (a little above average). There is a chance of rain in the forecast literally every day for the next several days, with temperatures oscillating just a little above or below average.

Phenology and Diseases: At our location by the lake, we are about 10-11 days out from the end of Concord bloom. This means that Concord and Niagara fruit are fast becoming resistant to powdery mildew, but are still quite susceptible to Black rot. Niagara clusters will remain susceptible to downy mildew for probably another 2-3 weeks or so; berries may be resistant in another week or so, but cluster stems will still be susceptible (and crop loss can still occur) for about two weeks beyond that. So Niagara clusters are susceptible to downy mildew damage until about a month after bloom. On our farm, low levels of powdery mildew and black rot are present on leaves and clusters, but only where fungicides have been withheld. Protected vines still appear very clean.

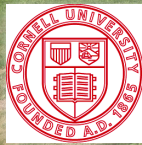
What does all this mean? It means that Concord and Niagara fruit will probably remain clean of powdery mildew if your immediate pre-bloom and first post bloom spray included effective, rainfast materials for this disease, you sprayed every row with a well calibrated sprayer, and the interval between those sprays did not exceed 14 days. For black rot, protection will need to continue IF thorough scouting reveals the presence of infected leaves and fruit AND weather conditions remain wet. We've had 2-3 inches of rain over the past 11-12 days - very conducive to the development of this disease - and there doesn't appear to be any change to that pattern over the next few days. Any level of inoculum present in the vineyard should soon generate lesions on leaves and fruit (it generally takes about 14 days for fruit infections to become manifest) if unsuccessfully protected. So, any black rot that got started since rains picked up around the middle of this month may not have become fully manifest yet or may just be showing up at this time...continue scouting. As for downy mildew, scouting should reveal the presence of active sources of inoculum. Downy mildew infections on leaves and fruit that slipped through your program should show symptoms more quickly; within a week of infection. If you did a good job controlling these diseases over the last 2-3 weeks, we may be able to ease up on the fungicide applications IF conditions dry out. But again, 'drying out' doesn't seem to be what Mother Nature has in store for us over the next few days.

So, if you've applied the last two sprays (immediate pre and first post bloom) in a timely fashion, you're past the most critical period of your spray program. And as for black rot and downy mildew, both of which are still a threat to fruit, the lack of disease in most vineyards last year will definitely play into our favor this year. From here on, scouting takes on a greater role in our disease management program and forms an important basis for deciding whether to continue to spray or not to spray, at least to maintain fruit health. On the other hand, growers that anticipate ripening larger than average crops will need to also pay close attention to leaf health, with specific emphasis on controlling powdery and downy mildew.



Lake Erie Regional Grape Program

Open House



Cornell University
Cooperative Extension

Welcomes our neighbors, near and far, to come celebrate 25 years of service with us. We are holding an Open House with hayrides through the vineyards, food and a chance for us to let people know what we do here. This is a FREE event!

- **When: Saturday, August 12, 2017**
- **Time: 10:00am - 1:00pm (hayrides on the half hour)**
- **Where: CLEREL (Cornell Lake Erie Research & Extension Laboratory)**
6592 West Main Rd.
Portland, NY 14769

Questions? Call Katie at 716-792-2800



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

Appleton, North

Appleton, South

Dunkirk

Erie

Harborcreek

North East Escarpment

North East Lab

Portland

Portland Escarpment

Portland Route 5

Ransomville

Ripley

Sheridan

Silver Creek

Versailles

Finger Lakes Region

Aurora

Branchport

Dresden (FLGP/FLCC)

Dundee (Weimer)

Fayette 3 Brothers

Geneva

Geneva (Bejo)

Hector

Interlaken (Airy Acres)

Lakemont

Lansing

Lodi (Lamoreaux)

Lodi (Shalestone)

Lodi (Standing Stone)

Penn Yan

Romulus (B. wood Grove)

Romulus (Thirsty Owl)

Varick (Swedish Hill)

Watkins Glen

Watkins Glen (Lakewood)

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

Make Sure You Are Counted In The Census of Agriculture

Currently, the census is the only complete count of U.S. farms and ranches and the people who operate them. It includes even the smallest plots of land – rural or urban – growing fruits, vegetables, or raising food animals, if \$1,000 or more of such products were raised and sold, or normally would have been sold, during the census year. The information produced by the Census of Agriculture guides Congress, agribusiness, policymakers, researchers, local governments and many others on the creation and funding of agricultural programs and services – decisions that can directly impact your local operations and the future of the agriculture industry for years to come.

Please note that new farmers or existing farmers who have not participated in a prior Census of Agriculture still have time to sign up to be counted through the end of June at <https://www.agcounts.usda.gov/cgi-bin/counts/>. The survey takes less than a minute – and will ensure that you receive a Census form (that you can fill out in paper form or online.) If a farmer/rancher is not on our list frame by June 30th, 2017, the producer will not have an opportunity to participate in the 2017 Census of Agriculture.

For more information about the census, please visit www.agcensus.usda.gov, follow NASS on Twitter @usda_nass, or call [\(800\) 727-9540](tel:8007279540).

This is a list for organizations that provide services to beginning farmers in the Northeastern US.

To unsubscribe from this list, send a plain text email message to bfelearningnetwork-L-request@cornell.edu with the word “leave” in the body of the message.

To join the list, follow the above instructions but type «join» in the message body.

THE 2017 CENSUS OF AGRICULTURE IS COMING!

Make sure you are counted.
Sign up at www.agcensus.usda.gov.

CENSUS OF AGRICULTURE

YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.



2017 CENSUS OF
AGRICULTURE

U.S. Department of Agriculture
National Agricultural Statistics Service



INSURING GRAPES

NY, 2017

Crop insurance is a safety net for farmers that helps you **manage risk**. If you have a crop failure, crop insurance can help you farm again next year.

Important Insurance Deadlines

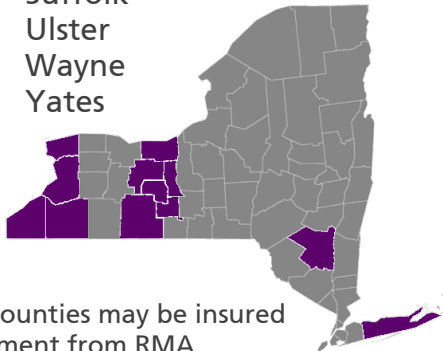
- **Aug. 15, 2017:** Premium Billing Date
- **Nov. 20, 2017:** Sales Closing, Policy Change, Cancellation, Termination Date
- **Nov. 20, 2017:** End of Insurance Period
- **Jan. 15, 2018:** Acreage / Production Report Date



Over 40 grape varieties are insurable in these counties:

Cattaraugus
Chautauqua
Erie
Niagara
Ontario
Schuyler
Seneca
Steuben

Suffolk
Ulster
Wayne
Yates



Grapes in other counties may be insured by written agreement from RMA

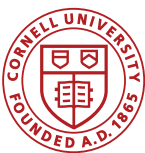
NYS Grape Crop Insurance Performance



for every \$1 grape producers spent on crop insurance premiums from 2012 to 2016, **they received \$2.07** in losses paid, on average

Learn more & sign up:

Explore your personalized crop insurance costs and loss payments under different yield outcomes at ag-analytics.org. To sign up, contact a crop insurance agent. Find an agent using the Agent Locator tool at rma.usda.gov/tools/agent.html





LERGP

2017 COFFEE POT MEETING SCHEDULE

Date	Time	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 Growers	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	10929 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



2017 LERGP Summer Grape Growers' Conference



Friday August 11, 2017
at CLEREL
6592 W. Main Rd.
Portland NY 14769
9:00am-4:00pm



Summer Grape Grower Conference with a focus on Efficient Vineyard SCRI project, Variable Rate Management, Cover Crops, NEWA, GBM and Business Education. *\$20.00 per person includes program, morning refreshments and a catered lunch. For more information, please call Katie 716-792-2800. Register at <https://lergp.cce.cornell.com>*

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 (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 attendee	\$ 20.00
Non- member	\$100.00

Additional Attendees:

	\$20.00
	\$20.00
	\$20.00
	\$20.00
	\$20.00

*Please add a **\$20.00 late fee** for each reservation made after August 4, 2017

TOTAL \$ _____

Please make check payable to **LERGP (Lake Erie Regional Grape Program)** and mail to: Kate Robinson
(US funds only) 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 202 with any questions.

2017

LERGP Hops Production in the Lake Erie Region Conference

Saturday, August 19, 2017

CLEREL-6592 West Main Rd. Portland, NY 14769

9:00am-4:00pm



\$50.00- includes program, morning refreshments and a catered lunch

Join us for a day of Hops talks and a harvester/harvesting demonstration, followed by tours of the hopyards with time for open discussion.

Questions?: call Katie 716-792-2800

Register on-line at: <https://lergp.cce.cornell.edu>

You can print a hard copy registration from this link and mail it in or use a credit card to register on-line.





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 information:

Farm Name: _____

Name: _____

Mailing Address: _____

City, State, Zip Code: _____

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



The Only FRAC Group U6 Fungicide

Labeled for Grapes & Cucurbits

Highly Effective on Powdery Mildew

No Cross-Resistance

Protectant / Preventative Action



FRAC Group 3

Labeled for Grapes

Controls Powdery Mildew & Black Rot

Protectant + Curative Activity

Highly Systemic

Badge[®] SC

Badge[®] X₂



High Quality Copper
Excellent Mixing Characteristics
Highly Active at Lower Rates
Enhanced Crop Safety

NeXter[®]

Miticide/Insecticide

Mite control on Grapes
Knockdown and Residual

Dave Pieczarka
315.447.0560



Torino[®] is a registered trademark of Nippon Soda Company, LTD. EPA Reg No 8033-103-10163. Mettle[®] SC, Badge[®] SC, Badge[®] X₂ are registered trademarks of Isagro USA. Mettle EPA Reg No 80289-8-10163. Badge SC EPA Reg No 80289-3-10163. Badge X₂ EPA Reg No 80289-12-10163. NeXter is a trademark of Nissan Chemical Industries. EPA Reg No 81880-4-10163. Always read and follow label directions.

Clover Hill Sales^{LLC}

10401 Sidehill Road, North East, PA 16428

814-725-3102

cloverhill@roadrunner.com

www.cloverhillsales.com



Harvester Parts and Belting
Southern Yellow Pine Posts
And So Much More!

Rev. 02/17_BP&Ink

LANDPRO[®]

EQUIPMENT

Formerly

Z&M Ag and Turf and Lakeland Equipment

Alexander • Avon • Brockport • Chili
Clymer • Edinboro, Pa • Falconer • Hall
Macedon • Oakfield • Savannah • Springville

WWW.LANDPROEQUIPMENT.COM



Helping farmers to protect their revenue and preserve their equity.

I will show you how crop insurance is a vital part of your overall risk management plan. Utilizing the policy that works best for your unique situation, you can take less risk and enjoy a better quality of life.

Mark C. Muir Agency
Mark C. Muir

Serving clients in NY, OH, and PA
10509 Route 6 • Union City, PA 16438-9707
Phone: (814) 397-0033

DCIS - Toll Free: (866) 669-3429 • Email: info@diversifiedcropinsurance.com | Diversified Crop Insurance Services is a company of CCB Enterprises, Inc. and is an Equal Opportunity Provider. 02/16 2/2016

LaPorte

Farm Equipment

"Large and small, we sell them all"

Sales - Parts - Service
Westfield NY (716) 326-4671

CASE IH

AGRICULTURE

www.laportefarmequipment.com

Custom Built 2 Tank Weed Sprayer



We sell and service Case IH tractors, Oxbo Harvesters, and Turbomist sprayers. We also custom manufacture single and dual tank sprayers, pre-pruners, brush sweepers, wire winders.



WOODS NO TILL VINEYARD DRILL

Available for Rent

Contact Mike @ Larry Romance & Son

716-679-3366

Tractorsales@netsync.net

NORTH EAST FRUIT GROWERS, INC.

2297 KLOMP ROAD, NORTH EAST, PA 16428

SPECIALIZING IN RETAIL:

SPRAY MATERIALS
FERTILIZER (BAG & BULK)
VINEYARD & ORCHARD SUPPLIES
PRUNING SUPPLIES
PACKAGING FOR FRUIT & VEGETABLES
SPRAYER PARTS
TANKS, PUMPS, HOSE
GLOVES, RAIN GEAR, FOOTWEAR
SAFETY MATERIALS
GRAPE POSTS
WIRE / TIE TWINE
DRAIN TILE
SEED & MORE

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:

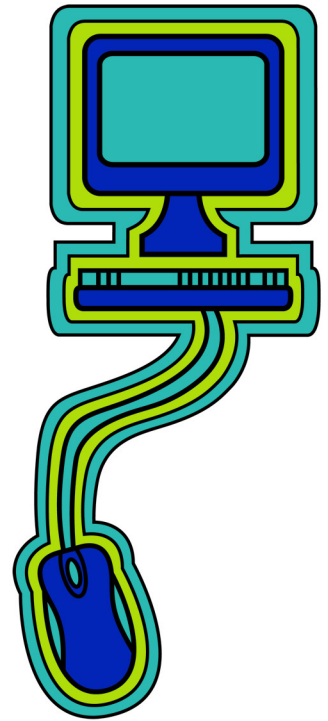
<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cornell/>

Veraison to Harvest newsletters:

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/veraison-to-harvest/index.cfm>

NEWA:

<http://newa.cornell.edu/>





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

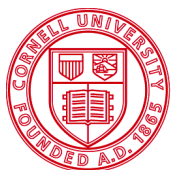
This publication may contain pesticide recommendations. Changes in pesticide regulations occur constantly, and human errors are still possible. Some materials mentioned may not be registered in all states, may no longer be available, and some uses may no longer be legal. Questions concerning the legality 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