

# Lake Erie Regional Grape Program

PENNSTATE



## North East PA Update from August 30, 2018

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, August 15,**  
**2018- LERGP Summer**  
**Conference at CLEREL**  
**9:00am-4:00pm**



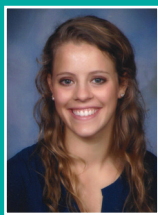
## Pesticide recertification points:

**1.5 NY**

**3.0 PA**

**Register by Friday, August 10!**

## Why buy crop insurance?



Higher input costs, swings in market prices and dealing with the weather are why many of our customers are choosing to manage these risks with a crop insurance policy.

Contact Kelsey today to learn more.

**KELSEY MAPSTONE**  
Northeast Marketing Agent

28 E. Chautauqua Street, Mayville, NY 14757  
Office 716.753.2144 ext. 2512 | Cell 315.708.9883  
Kelsey.Mapstone@CropGrowers.com

**CROP GROWERS**  
Your first choice for crop insurance.

YIELD PROTECTION | REVENUE PROTECTION | CROP HAIL COVERAGE | LIVESTOCK GROSS MARGIN (DAIRY)

## Mosier-Maille Ag Consulting

Soil and Crops

**Jared Mosier**  
Consultant  
(814) 923-1372

7472 Buffalo Rd.  
Harborcreek, PA 16421



**Dave Maille**  
Consultant  
(814) 572-5781

mmagconsulting@gmail.com

# Gowan<sup>®</sup>

USA

## Torino<sup>®</sup>

FUNGICIDE

### The Only FRAC Group U6 Fungicide

Labeled for Grapes & Cucurbits  
Highly Effective on Powdery Mildew  
No Cross-Resistance  
Protectant / Preventative Action

## METTLER<sup>®</sup>

125 ME

FUNGICIDE

### FRAC Group 3

Labeled for Grapes  
Controls Powdery Mildew,  
Black Rot, & Anthracnose  
Protectant + Curative Activity  
Highly Systemic

## Badge<sup>®</sup> SC

Fungicide/Bactericide

## Badge<sup>®</sup> X<sub>2</sub>

Fungicide/Bactericide



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

## Previsto<sup>®</sup>

Fungicide-Bactericide



Copper Ions Embedded in a  
Natural Polymer Matrix  
Excellent Resistance to Wash-Off  
Further Improved Crop Safety Characteristics

**Dave Pieczarka**  
**315.447.0560**

ISAGRO USA

Torino<sup>®</sup> is a registered trademark of Nippon Soda Company, LTD. Mettle<sup>®</sup>, Badge<sup>®</sup> SC, Badge<sup>®</sup> X2 are registered trademarks of Kanto USA. Previsto<sup>®</sup> is a registered trademark used under license by Gowan Company, LLC.

Always read and follow label directions

# PA Update

Andy Muza, Extension Educator, Penn State

**In the Vineyard (8-30-18)** – Andy Muza, *LERGP Extension Team & Penn State Extension – Erie County*

**Grape berry moth (GBM)** – A repeat of the same message in Crop Updates on 8/9 and 8/23 that GBM eggs are still being found at Severe Risk sites. This indicates that High & Severe Risk sites may experience continuous pressure from grape berry moth through harvest, especially if 1620 GBM DD occurred prior to August 5 at any of your sites. The GBM DD Model indicates that, “Multiple additional insecticide applications may be necessary in high pressure vineyards to address the extended egg-laying and overlapping generations.”

**Downy Mildew (DM)** – Rainfall events in our region on 8/27 and 8/29 (with the exception of Ransomville, Niagara Co., NY) continue to promote the possibility of DM infections. However, in Concord and Niagara sites, this disease has been observed at very low levels all season. My only concern for potential problems to occur would be at sites with susceptible wine varieties. So continue checking susceptible varieties for any signs of DM development on leaves.

**Powdery Mildew (PM)** – What are the tiny black dots now appearing on leaves infected with powdery mildew (Figure 1)? These structures, called chasmothecia in the lingo of plant pathologists, are the overwintering, sexual fruiting bodies of the PM pathogen. Chasmothecia develop in late summer on infected leaves, clusters and shoots and are rain washed onto the bark of grape trunks. Spores, produced within these structures, are able to survive the winter. Next season spores will be discharged from the chasmothecia to initiate primary infections. Now you know.



*Figure 1. Tiny, black fruiting bodies (chasmothecia) of the powdery mildew pathogen on a Concord leaf.  
Photo - Andy Muza, Penn State.jpg*

# North East PA Update

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

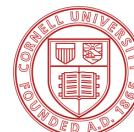
Weather: At our location by the lake, our August rainfall total is now about 4», which is well above our long term average for the month. Growing degree accumulations for August now total 694 (way above average), and we have now accumulated 2425 gdds since April 1. There is no more rain forecast for the remainder of August, but we may see rain again on Sunday, September 2. After a brief cooling period today (August 30) we will see high temperatures continue at above average over the next several days.

Diseases: Measureable rainfall on 8 of the past 12 days continues to fuel the threat of downy mildew on leaves of susceptible wine grape varieties. The best action to take under these circumstances is to regularly scout your vineyards for symptoms of this disease, which is easy to spot. Its time well spent because if left uncontrolled, downy mildew can do a tremendous amount of damage to this year's crop (defoliation by downy mildew will reduce crop maturity/quality) and next year's crop (unripe wood won't survive the winter). If you need to apply a fungicide, be aware of pre-harvest intervals that limit your options (see last week's crop update or check out the information at the back of your NY & PA Pest Management Guidelines for Grapes).

Bunch rot is also being observed developing in wine varieties with compact clusters, like Vignoles and Pinot Gris. Generally speaking, the commencement of bunch/sour rot symptoms is around 15 brix. Botrytis specific fungicides can help manage bunch rots that are caused by Botrytis. But in some years, particularly warmer and wetter ripening periods, we see a fair amount of sour rot (caused by other, non-Botrytis fungi and bacteria) that cannot be controlled by these products. While research has shown that fruit zone leaf removal can significantly reduce rot development in these varieties, this cultural practice needs to be applied around or shortly after bloom to be most effective against bunch rot development during ripening. More recently, Wayne Wilcox graduate student, Dr. Megan Hall, has developed some valuable information to show that controlling fruit flies (with insecticides) in combination with a broad spectrum sterilant (to reduce microbial populations on fruit) can significantly reduce sour rot development as well. These types of applications should be made during this latter part of the ripening period, beginning around 15 brix.

# ***NY Crop Insurance Fact Sheet***

## ***Grape SCO for LERGP Counties 2018***



### **What is SCO and how does it work?**

The Supplemental Coverage Option (SCO) is an additional crop insurance option that provides coverage for a portion of the underlying crop insurance policy deductible. It follows the coverage of the underlying policy. For an underlying Yield Protection policy, the SCO covers yield loss.

**Loss payments are made when there is a loss in yield for the designated SCO area. It is NOT based on the individual policyholder's yield performance.**

### **What is the cost and coverage?**

SCO increases the level of coverage to 86% of a producer's APH Yield. The SCO endorsement results in an additional premium and administrative fee.

The amount of protection and cost is based on the underlying policy coverage:

- Lower underlying coverage, higher SCO protection and cost
- Higher underlying coverage, lower SCO protection and cost
- There is no coverage overlap between underlying and SCO coverage
- Covers all planted acreage of the crop.

### **When is an indemnity paid?**

The indemnity is based on area yield loss for yield protection plans. The producer should keep basis risk, or the relationship between a farm and area-level yields, in mind when considering an SCO endorsement for a crop insurance policy. Indemnity payments begin if area yield is less than 86% of the expected SCO yield (area loss more than 14%).

The actual amount of the SCO indemnity payment is based on the individual underlying policy. The maximum value of the indemnity payment is:

$$(86\% - \text{Individual Underlying Policy Coverage Level}) \times \text{Expected Crop Value}$$

where the Expected Crop Value is:

$$(\text{APH yield} \times \text{price election})$$

### **SCO for LERGP-county producers**

New York state grape producers have the option of purchasing the SCO endorsement for an Actual Production History (APH) policy. Like the underlying APH Grape policy, the SCO will also be guaranteeing yield, based on the yield of a larger area. One price is used for all varieties covered by SCO in the state.

### **LERGP-county Grape SCO Areas**

The counties that make up an SCO area can vary greatly across the areas. For example, if county A's SCO area consists of counties A and B, it does not necessarily mean that county B's SCO area also consists of counties A and B. It is also possible for a county's SCO area to consist of all counties where the crop of interest is insured within the state.

**RMA's explanation for SCO area selection is based on data availability. If yield data are not sufficient for a county, other counties are added to the SCO group.**

***For more NY crop insurance information, visit:  
[ag-analytics.org/cropinsurance](http://ag-analytics.org/cropinsurance)***



URNS HEADS AND TIGHT CORNERS.  
DESIGNED TO TURN A PROFIT TOO.



#### A NEW WORLD DEMANDS NEW HOLLAND.

Sleek and low profile T4F narrow tractors maneuver easily in the narrow rows of orchards and nut groves. And, since New Holland's SuperSteer™ FWD axle is standard equipment, you get the shortest FWD row-to-row turning available, plus the advantage of Automatic Traction Control. You also get more power, fuel efficiency, comfort and safety.

- Choice of an open platform or Blue Cab™ options with available Level 4 protection\* from dust, aerosols and vapors
- Stable and sure footed for any job on any terrain.
- The high torque 207 cubic inch engine provides great fuel economy with a constant max power from 1,900 to 2,300 rpm

Learn more about these 73 to 93 PTO HP tractors at [www.newholland.com/na](http://www.newholland.com/na)



**Larry Romance & Son, Inc.**  
2769 Rt 20, Sheridan, New York 14135  
[www.larryromanceandson.com](http://www.larryromanceandson.com)  
716-679-3366

\*In accordance with European EN 15695-2:2009 filter and EN 15695-1:2009 pressurization © 2016 CNH Industrial America LLC. All rights reserved. New Holland is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Equipped For A New World is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates.

# Clover Hill Sales LLC

10401 Sidehill Road, North East, PA 16428

**814-725-3102**

[cloverhill@roadrunner.com](mailto:cloverhill@roadrunner.com)

**[www.cloverhillsales.com](http://www.cloverhillsales.com)**



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

Rev 07/17 RP&Ink

# LaPorte

## Farm Equipment

"Large and small, we sell them all"

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



**[www.laportefarmequipment.com](http://www.laportefarmequipment.com)**

### Custom Built 2 Tank Weed Sprayer



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



2018 eNEWA Grape Subscription Sign-Up

**Subscriber information**

Name \_\_\_\_\_

Email address \_\_\_\_\_

City \_\_\_\_\_

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

---

|                              |                              |
|------------------------------|------------------------------|
| <b><u>Lake Erie</u></b>      | <b><u>Lake Erie</u></b>      |
| <b>Appleton, North</b>       | <b>Ransomville</b>           |
| <b>Burt</b>                  | <b>Ripley</b>                |
| <b>Corwin</b>                | <b>Sheridan</b>              |
| <b>Dunkirk</b>               | <b>Silver Creek</b>          |
| <b>East Fredonia</b>         | <b>Somerset</b>              |
| <b>East Westfield</b>        | <b>Versailles</b>            |
| <b>Erie</b>                  | <b>Westfield</b>             |
| <b>Fredonia</b>              |                              |
| <b>Hanover</b>               | <b>Other: Please fill in</b> |
| <b>Harborcreek</b>           |                              |
| <b>Lake City</b>             |                              |
| <b>North East Escarpment</b> |                              |
| <b>North East Lab</b>        |                              |
| <b>Portland</b>              |                              |
| <b>Portland Escarpment</b>   |                              |

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

\_\_\_\_\_



# INSURING GRAPES

NY, 2018

**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.

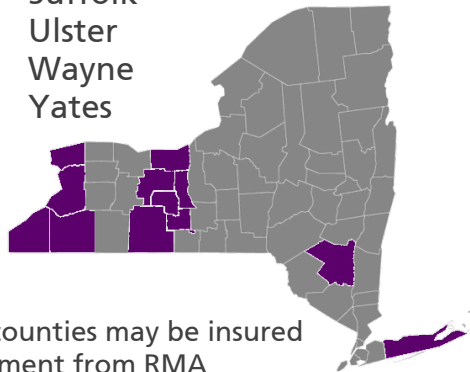
## Important Insurance Deadlines

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



## Over 40 grape varieties are insurable in these counties:

|             |         |
|-------------|---------|
| Cattaraugus | Suffolk |
| Chautauqua  | Ulster  |
| Erie        | Wayne   |
| Niagara     | Yates   |
| Ontario     |         |
| Schuyler    |         |
| Seneca      |         |
| Steuben     |         |



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

## NYS Grape Crop Insurance Performance



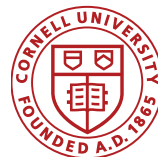
## Learn more & sign up:

To sign up, contact a crop insurance agent. Find an agent using the Agent Locator tool at [rma.usda.gov/tools/agent.html](http://rma.usda.gov/tools/agent.html)

Find crop insurance information at [ag-analytics.org/cropinsurance/](http://ag-analytics.org/cropinsurance/)

Cornell University delivers crop insurance education in New York State in partnership with the USDA Risk Management Agency.

Diversity and Inclusion are a part of Cornell University's heritage. We are an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.





## 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](http://nygpadmin.cce.cornell.edu/pdf/submission/pdf65_pdf.pdf)

Appellation Cornell Newsletter Index:

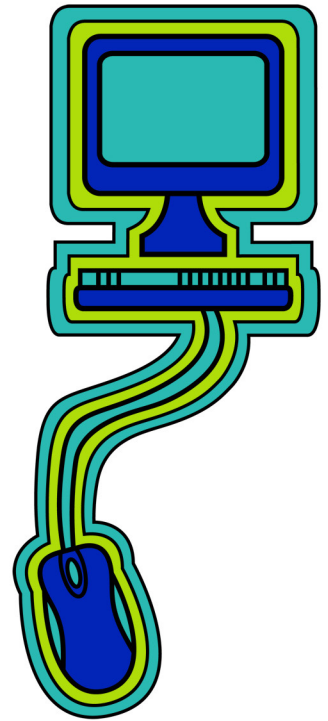
<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cornell/>

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. 202

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.

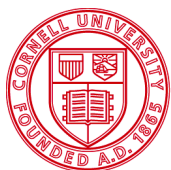
CCE does not endorse or recommend any specific product or service.

THE LAKE ERIE REGIONAL GRAPE PROGRAM at CLEREL

6592 West Main Road

Portland, NY 14769

716-792-2800



**Cornell University**  
Cooperative Extension

**PENNSTATE**



College of  
Agricultural  
Sciences