



## CROP UPDATE -June 27, 2024



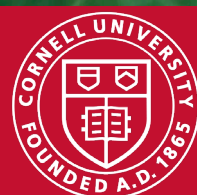
*CLEREL cluster on June 25, 2024-  
photo Kim Knappenberger*

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Lake Erie Regional Grape Program



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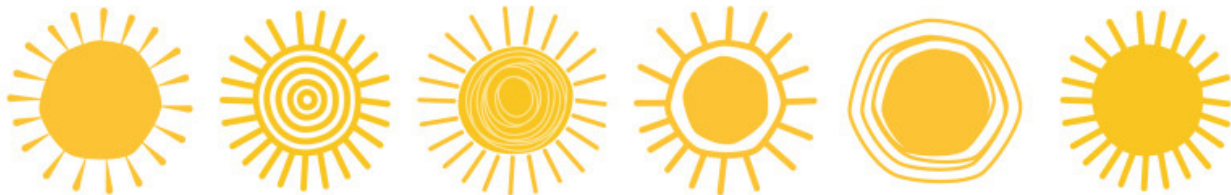
**Grape Insurance Webinar Recording link-** Andrew Holden- [page 5](#)

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**PA Update-**Bryan Hed- [page 12](#)

**We Need Your Downy Mildew Infested Leaves-**[page15](#)

**NEWA, SLF Guides, GDD Chart-** Kim Knappenberger- [page 16](#)



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watch Podcasts](#)

*The Lake Erie Regional Grape Program is a Cornell Cooperative Extension partnership between Cornell University and the Cornell Cooperative Extensions in Chautauqua, Erie and Niagara county NY and in Erie County PA.*

# Upcoming Events

## **June 26, 2024**

10:00am- Coffee Pot Meeting  
Zach & Alicia Schneider Farm  
771 Bradley Rd. Silver Creek, NY 14136

## **July 3, 2024**

10:00am-Coffee Pot Meeting  
Liberty Winery  
2861 US Route 20 Sheridan, NY 14135

## **July 10, 2024**

**NO COFFEE POT MEETING**

## **July 17, 2024**

10:00am- Coffee Pot Meeting  
Chateau Niagara Winery  
2466 West Creek Rd. Newfane, NY 14108

## **July 24, 2024**

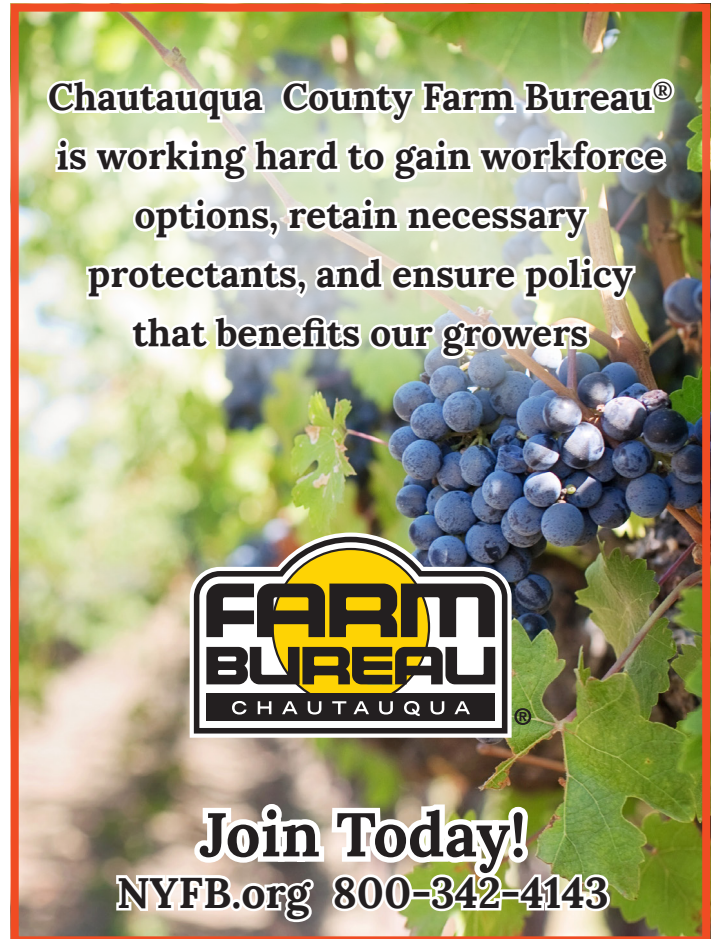
10:00am- Coffee Pot Meeting- Demo Day at  
CLEREL  
6592 West Main Rd. Portland, NY 14769

## **July 31, 2024**

10:00am- Coffee Pot Meeting  
Mason Farms  
8603 West Lake Rd. Lake City, PA 16423

## **July 31st, 2024**

4:00pm -Gravel Pit Park Annual Chicken BBQ  
10300 West Main St. North East, PA 16428  
Please register- see details on the next page



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Free Event hosted by the Erie Horticulture Society

## Gravel Pit Park Annual Chicken BBQ

PDA (1 core, 1 cat) and DEC Credits Offered

### Presentation topics:

- Grape disease management update
- Viticulture research and best practices
- Spotted lanternfly update
- Injectable insecticide best practices

**When: July 31, 2024**  
(4:00 PM-7:00 PM)

**Where: Gravel Pit Park**  
10300 W. Main St.  
North East, Pennsylvania  
16428



Register Online  
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# Business Management

Andrew Holden, Business Management Educator, Penn State University, LERGP

## Grape Insurance Webinar Recording

Farm Credit East hosted a **Grape Crop Insurance Claim Assistance Webinar** on **Tuesday, June 25**. This webinar was recorded and is available for you to watch online.

If you are dealing with crop insurance claims this year, or if you are interested in possibly getting your crop insured next year, this is a great resource. Details of how the insurance and claims work are explained by those who are doing the policies and claims in this region.

Here is a link to the recording for the webinar: [Ag Events & Webinars | Farm Credit East](#)

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# Viticulture

Jennifer Russo, Viticulture Extension Specialist, LERGP

## In the Vineyard

We had a lot of great questions and discussions yesterday at our well-attended Coffee Pot Meeting at Zach and Alicia Schneider's in Silver Creek, NY. Thank you to all who contributed. We discussed the importance of IPM and how we document our practices moving forward to demonstrate our knowledge and responsible management of chemicals, which will go a long way should an inspection occur. Our discussions led to some growers asking for more information on how to scout for insects and disease and what thresholds mean. We are most grateful for these interactions, because they help to guide our outreach and extension efforts. We plan to bring in samples of diseases to our next Coffee Pot and hopefully include vineyard walks in future efforts. Speaking of vineyard walks, I have been in many vineyards this week and inspected vines. I understand that this year's frost/freeze damage has created different management decisions for many growers in our region, however, I am noticing *Phomopsis* and mildews in many vineyards that is concerning to me. Every year, we tend to two different year's crop. The current season we are protecting the crop that we will harvest in the fall, and we are also setting next year's crop potential in the new canes. Research has shown that if vines are overcropped one year, most of the time they do not have the reserves to support another large crop the following season and we tend to see lighter yields. The opposite is also true, if they are undercropped this year, then next year there is the possibility of heavier crops. This is where my concern lies. Because some disease management decisions have been made to back off of the number of sprays, I have noticed an increase in disease.



1. Photo of *Phomopsis* on grapevine from LERGP website

Heavy *Phomopsis* this year is inoculum that will overwinter in the wood ready to release spores next season. Wayne Wilcox at Cornell University did some work several years ago, where he noticed that shoulders of clusters were being bitten off by *Phomopsis* very early in the season. Per Bryan Hed's podcast on *Phomopsis* ([Click Here to watch the video](#)), they estimated that

two to three tons of yield could be lost. Please be cognizant of your levels knowing that inoculum will overwinter and have an affect on your production next year.

We also discussed the Grape Berry Moth model with an earlier than normal bloom this year. Kim Knappenberger put together a chart for all of our weather stations in the area so that you may track the 810 Growing Degree Day model in NEWA. Please see her contribution in this crop update. Cornell Lake Erie Research and Extension Laboratory officially called Concord Bloom on June 7, 2024. That means that it is Crop Estimation Time. I have included the Crop Estimation Chart that Dr. Terry Bates has constructed through research for you to use and instruction on how to use the chart below. This information is also located on our website: [www.lergp.com](http://www.lergp.com)

## Using the Concord Estimation Chart

Table 1. Concord Crop Estimation Chart also found at <https://lergp.com/crop-estimation-table>

The “Crop Estimation Chart” referred to in these steps can be found under the Crop Estimation Table tab.

# Crop Estimation and Thinning Table

**Dr. Terry Bates: Crop Estimation and Thinning Table: 7/16/2003**

Pounds of Fruit Removed in 1/100th of an Acre	Time of Season															
	20DAB		25DAB		30DAB		40DAB		50DAB		Veraison		Harvest			
	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	
10	2.5	2.0	1.7	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	
20	5.0	4.0	3.3	2.9	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.3	1.1	1.0	
30	7.5	6.0	5.0	4.3	3.8	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.7	1.5	
40	10.0	8.0	6.7	5.7	5.0	4.4	4.0	3.6	3.3	3.1	2.9	2.7	2.5	2.2	2.0	
50	12.5	10.0	8.3	7.1	6.3	5.6	5.0	4.5	4.2	3.8	3.6	3.3	3.1	2.8	2.5	
60	15.0	12.0	10.0	8.6	7.5	6.7	6.0	5.5	5.0	4.6	4.3	4.0	3.8	3.3	3.0	
70	17.5	14.0	11.7	10.0	8.8	7.8	7.0	6.4	5.8	5.4	5.0	4.7	4.4	3.9	3.5	
80	20.0	16.0	13.3	11.4	10.0	8.9	8.0	7.3	6.7	6.2	5.7	5.3	5.0	4.4	4.0	
90	22.5	18.0	15.0	12.9	11.3	10.0	9.0	8.2	7.5	6.9	6.4	6.0	5.6	5.0	4.5	
100	25.0	20.0	16.7	14.3	12.5	11.1	10.0	9.1	8.3	7.7	7.1	6.7	6.3	5.6	5.0	
110	27.5	22.0	18.3	15.7	13.8	12.2	11.0	10.0	9.2	8.5	7.9	7.3	6.9	6.1	5.5	
120	30.0	24.0	20.0	17.1	15.0	13.3	12.0	10.9	10.0	9.2	8.6	8.0	7.5	6.7	6.0	
130	32.5	26.0	21.7	18.6	16.3	14.4	13.0	11.8	10.8	10.0	9.3	8.7	8.1	7.2	6.5	
140	35.0	28.0	23.3	20.0	17.5	15.6	14.0	12.7	11.7	10.8	10.0	9.3	8.8	7.8	7.0	
150	37.5	30.0	25.0	21.4	18.8	16.7	15.0	13.6	12.5	11.5	10.7	10.0	9.4	8.3	7.5	
160	40.0	32.0	26.7	22.9	20.0	17.8	16.0	14.5	13.3	12.3	11.4	10.7	10.0	8.9	8.0	
170	42.5	34.0	28.3	24.3	21.3	18.9	17.0	15.5	14.2	13.1	12.1	11.3	10.6	9.4	8.5	
180	45.0	36.0	30.0	25.7	22.5	20.0	18.0	16.4	15.0	13.8	12.9	12.0	11.3	10.0	9.0	
190	47.5	38.0	31.7	27.1	23.8	21.1	19.0	17.3	15.8	14.6	13.6	12.7	11.9	10.6	9.5	
200	50.0	40.0	33.3	28.6	25.0	22.2	20.0	18.2	16.7	15.4	14.3	13.3	12.5	11.1	10.0	

Row Spacing determines length of 1/100th of an acre  
 10.0 feet row spacing = 43.5 feet = 1/100th of an acre  
 9.5 feet = 45.9 feet = 1/100th of an acre  
 9.0 feet = 48.4 feet = 1/100th of an acre  
 8.5 feet = 51.2 feet = 1/100th of an acre  
 8.0 feet = 54.45 feet = 1/100th of an acre  
 7.5 feet = 58.1 feet = 1/100th of an acre

**Calculation**  
 43,560 square feet per acre  
 Divide by row spacing and then  
 divide by 100 to get 1/100th of an acre

**Example:**  
 A grower has 9 foot row spacing and clean picks 48.4 feet at 25 days after bloom. The fruit weighs 80 pounds and the grower estimates that the berries are between 35% and 40% of final berry weight. According to the table, the crop estimate is between 10.0 and 11.4 tons per acre.

**Disclaimer:**  
 This table gives the relationship between time of season and % final berry weight on an average year. Year to year variability in weather related berry growth adds error to this table. Information on current year berry growth can be obtained from the Fredonia Vineyard Lab (or) it is strongly suggested that individual growers start collecting berry weight information from their own individual vineyard blocks.



### **Bloom date and days after bloom:**

This system is based on bloom date, and in order to be accurate you need to know when your grapes were at 50% bloom. The 50 year average date for 50% bloom is June 14th. Count off starting at your bloom date and accrue the respective days-after-bloom (DAB). On the chart the DAB is found in the shaded “Time of Season” and not to be confused with “% of Final Berry Weight” directly below.

### **Row Spacing:**

Like bloom date, you need to know your vine spacing. Row spacing determines the length of a row that will equal 1/100th of an acre. The wider the row, the shorter the sampling length. For example, sampling a block with a 10’ row you will need to clean pick 45.9 feet. If your rows are at 7.5’ spacing, you need to clean pick 58.1 feet. If you have 9-foot row spacing and your panels are at 24 feet then this should be easy. However, it is best to determine your row spacing and cut a length of rope to guide your sampling lengths rather than rely on post lengths that have been changed out over the years.



Length of rope used to guide harvester on distance of sample (determined by row width).

### **Sampling:**

Once the row spacing and sample distance is calculated, clean pick and weigh the samples. The more samples you take, the better your prediction will be. It also helps to take samples from areas of known variation across the vineyard. For example, take 2-3 samples from high vigor, medium vigor, and low vigor sections of the vineyard and apply your predictions appropriately to those sections. If you are using a harvester to clean pick panels walk behind afterwards to assess how many grapes are still on the vine/or that are on the ground.

### **Using the Chart:**

Once you have the sample, the chart does the rest of the work for you. Follow the corresponding DAB down and the respective weight over and you have the estimated tons/acre at harvest. For example, let’s say it’s July 25th or 40 DAB (bloom on June 15th) and the average from 4 samples weighs 100 pounds. I would have an estimated 8.3 tons/acre potential crop.

### **Things to keep in mind:**

If you have an accurate bloom date for your vineyard, follow the crop estimation chart to predict final harvest weight. If you’re not and you are using the actual berry weight samples to come up with your multiplication factor, be reasonable in what you think your final berry weight will be. Some vineyards tend to have smaller average weights and some tend to be larger – and you should be starting to get an idea where your vineyard fits. Be reasonable – it is unlikely (highly unlikely) that



1. Clean pick (harvester or by hand)  
1/100 of an acre. Length of sampled area is determined by row spacing.



Length of rope cut to row spacing  
(Ex. Row spacing at 9" this rope is 48.4")



2. Weigh 1/100 acre sample  
(Ex. Sampled weighed 68.5 lbs)

Dr. Terry Bates: Crop Estimation and Thinning Table: 7/16/2003

Days of Season	Time of Season									
	20 DAB	25 DAB	30 DAB	35 DAB	40 DAB	45 DAB	50 DAB	55 DAB	60 DAB	65 DAB
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
110	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
160	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
170	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Days: 30 days determines length of 1/100th of an acre  
10.0 feet row spacing = 4.3 feet = 1/100th of an acre  
9.5 feet = 4.0 feet = 1/100th of an acre  
9.0 feet = 4.0 feet = 1/100th of an acre  
8.5 feet = 3.7 feet = 1/100th of an acre  
8.0 feet = 3.4 feet = 1/100th of an acre  
7.5 feet = 3.1 feet = 1/100th of an acre

Contribution  
41,500 square feet per acre  
Divide by row spacing and then  
divide by 100 to get 1/100th of an acre

Assumes:  
A grower has 8 foot row spacing and clean picks 40.4 feet at 25 days after bloom.  
The fruit weighs 50 pounds and the grower estimates that the berries are between  
10% and 40% of final berry weight. According to the table, the crop estimate is  
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this table. Information on current year berry growth can be obtained from the  
Fredonia Vineyard Lab (or) it is strongly suggested that individual growers start  
collecting berry weight information from their own individual vineyard blocks.

3. Use Dr. Bates: Crop Estimation and Thinning Table  
(Ex. Sample weighed 68.5 lbs 30 days after bloom  
estimation table show 6.85 tons/acre at final berry  
weight)

your Concord vineyard will average 4.0g berries at harvest even if your 30 DAB weight was 2.0 g.

Getting it right is important. Underestimating crop potential can lead to delayed harvest waiting for the grape to ripen and the BRIX to rise. Overestimating a crop load may result in unwanted thinning or unnecessary expensive chemicals being used to care for a crop that is not there.

Having an accurate crop estimation can help you make many cultural practice decisions thought the rest of the season. The following is a break-down of the process.

Crop estimating at 30 DAB for 'Concords' is common for most growers. When the berries are at 50% of the final berry weight (like the example shown above) all you needed to do for final estimation is shift the decimal point over one place. However, the estimation table will work throughout the season. One thing to keep in mind when using the chart is to double check you are using time of season (DAB) in the shaded area to match up the column below.











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# PA Update


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

**Weather:** At our location by the lake, we have racked up 334.5 growing degree days (gdds) with 2.35 inches of precipitation in June. We have accumulated 806.4 gdds since April 1.

**Phenology:** Here by the lake, we are about 10 days past bloom for Concord, not quite beyond the fruit susceptibility period for powdery mildew on Concord, but nearly there. Concord berries are considered about resistant to powdery mildew when they reach about a quarter inch in diameter. However, Concord berries will be susceptible to black rot until about the middle of July.

**Diseases:** Dry conditions over the past 10-14 days have very much limited opportunities for black rot or Phomopsis infections. Any black rot that developed from the infection periods during the first 6 days of June, should be just about fully expressed and observable by now. However, there is a chance that infection occurred from rainfall on June 9 (that doesn't show up on NEWA), that may not be fully expressed yet. Hopefully everyone has applied that first post bloom spray in a timely fashion ("timely" = within 10-14 days of the pre bloom spray) and are beginning to contemplate what to apply for the second post bloom spray. In most years, that second post bloom spray will depend heavily on how well you've controlled diseases to date, based on the presence/absence of active disease on leaves and fruit (determined by scouting). However, the lack of infection periods over the past 10-14 days or so, means that the most serious threat is from powdery mildew at this time: with secondary cycles having kicked in - that don't require rainfall for spore release or infection - every day is probably an infection period for powdery mildew.

**Powdery mildew:** For spray decisions regarding powdery mildew, research at Cornell has shown that in most years, lightly cropped Concord vines will benefit little from continued control measures against powdery mildew, once fruit are resistant (about when Concord fruit are a quarter inch in diameter). Conversely, Concord vines with above average to large crops will benefit from continued efforts to control powdery mildew, to keep canopies operating at maximum fitness and ensure that you reach minimum sugar standards by harvest. Note the use of the term, "*in most years*": if conditions turn poor for ripening (cloudy and wet), all bets could be off. Juice grape growers do not have to apply "top notch" materials at this time but could resort to a Nutrol (plus surfactant), a Harvest-More (not a fungicide, but will add a little potassium and control mildew by about 30%), a copper/lime spray, a tebuconazole product (which will add black rot protection too). **For really large crops**, you could also continue to use more effective products like Quintec, Cevya, or Endura, but



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make sure you rotate FRAC groups and do not use any one of these more than twice per season. A tank mix of Nutrol or Harvest-More with these latter materials would help to delay the development of resistance.

**Sensitive hybrids and *Vitis vinifera* are another story; you will need to protect fruit of these varieties against powdery mildew until at least 4 weeks after bloom.** Materials like Aprovia/Aprovia Top, Miravis Prime, Gatten, Endura, Quintec, or Luna Experience, will continue to provide excellent control of powdery mildew. Just be sure you rotate FRAC groups each time. A tank mix with sulfur is also highly recommended for sulfur tolerant wine varieties.

**Black rot:** Black rot fruit susceptibility is still there for all varieties for another 3 (Concord/natives) to 5 (*Vitis vinifera*) weeks or so. If you currently see leaf and/or fruit infections (from infection periods in May and early June), know that *there is still the potential for more fruit infections if the weather turns wet*. Mancozeb, Ziram, and the FRAC 3 and FRAC 11 materials are highly effective against this disease.

**Downy mildew:** Niagara clusters will still retain some susceptibility to downy mildew infections through the cluster stems, for probably another 2 weeks or so beyond the end of direct fruit susceptibility (until about second week in July?). There is a chance for thunderstorms every day (30-40%?) through the weekend, with the greatest chance (70%?) on Sunday. But its going to be 'hit or miss'. Rain could result in a 'resurrection' of downy mildew, so stay vigilant if you're growing a susceptible variety (any *vinifera* and sensitive hybrids, Niagara and Catawba). Copper/lime, Revus/Revus Top (not on Concord), Phosphorous acid products, Ranman, and Zampro are all very effective. Ziram will provide some protection from downy mildew but is not as effective as mancozeb or captan.

**Bunch rot:** For premium wine varieties, leaf removal in the fruit zone at this time, by machine or by hand, generally provides significant reductions in bunch rot on rot susceptible wine varieties (Riesling, Vignoles, Pinot noir and gris, Chardonnay, etc). Leaf removal can also improve fruit quality and may even reduce manual harvest costs (the clusters are easier to see and remove if you're hand harvesting).

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# We need your **DOWNY MILDEW** infected leaves!

In 2023, in PA Lake Erie Region, high rates of Downy Mildew resistance were found to:

- **stobilurins** (Abound)
- **carboxylic acid amides** (Revus)
- **phosphorous acid** (Rampart)

Many samples showed **resistance to all three fungicides**. No resistance to phenylamides (Ridomil) was detected.

**Resistance!**

In 2024, **NYWGF** is funding a **survey of New York Lake Erie region vineyards for fungicide resistance**.



---**NY Growers: contact us** when **downy mildew is present in your vineyard** and we will come out to collect 10 or more infected, sporulating leaves. Isolates from the leaves will be grown in the lab to conduct bioassays and genetic testing to determine if resistance is present.

---**You will receive information** regarding the **percentage and types of resistance** present

**on your farm**. A regional summary will be made available to all growers (farms sampled remain **anonymous**).

- **Contact Bryan Hed at 814-725-4601 ([bxh38@psu.edu](mailto:bxh38@psu.edu)) or Jessica Clippinger ([jib5787@psu.edu](mailto:jib5787@psu.edu)) or Jennifer Phillips Russo at 716-640-5350 to get samples collected or with questions.**

**Thank you!**



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# Updates and Information

Kimberly Knappenberger, Extension Support Specialist, LERGP

## NEWA

We have funding to purchase another Onset HOBO station this year and have been considering where the greatest need is for that station. I wanted to send that out to all of you to see what your opinions are regarding placement of another station. We can take a look at the map and see where there might be gaps of coverage, but it really comes down to finding the spot where it can benefit the most growers in addition to having a willing host for the station. That would include a site that is accessible to cellular data coverage as well as a host that is willing to cover the cost of the cell service after the first year. The cost for that service from Onset HOBO is currently \$300 per year.

Over the years we have found that the Dunkirk airport weather station has not necessarily been lining up with what we expect to see in the vineyards nearby. In addition it seems that the coverage along the lake is not as comprehensive as on the “bench”. If you would like to chime in on this issue or would be willing to be a host for a station please contact Kim at [ksk76@cornell.edu](mailto:ksk76@cornell.edu) so we can start compiling responses and make a decision about where to put the next station. If you would rather complete a quick survey you can click [this link](#).



Figure 1 Onset HOBO station at CLEREL

Programa Regional de la Uva del Lago Erie

### Mosca Linterna con Manchas Guía de bolsillo

Puesta de huevos:  
Septiembre - Noviembre

Adultos: Julio - Diciembre

Huevos: Octubre - Junio

Ciclo de vida Una generación al año

4<sup>a</sup> Instar: Julio - Septiembre

3<sup>er</sup> Instar: Junio - Julio

2<sup>a</sup> Instar: Junio - Julio

Incubación y 1<sup>er</sup> Instar: Mayo - Junio

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Conservar este libro de consulta rápida para saber qué hacer. Códigos QR en el interior para más información.

Cornell University Cooperative Extension

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Linea 800 Regional Origin Program

## Spotted Lanternfly Pocket Guides

¡Estamos muy contentos de poder ofrecer las guías de bolsillo de la mosca linterna moteada en español!

Hay un número limitado disponible, así que si desea una copia por favor póngase en contacto con Jennifer o Kim.

We are very excited to be able to offer the Spotted Lanternfly Pocket Guides in Spanish! There are a limited number available, so if you would like a copy please contact Jennifer or Kim.

Station	Wild Grape Bloom Date	GBM GDD 6/27/24	Forecast GBM GDD 7/2/24
Burt (NY Mesonet)	6/1/24	547	655
North Appleton	6/1/24	562	672
Newfane (Chateau Niag)	5/24/24	701	815 810 on 7/2/24
Ransomville	5/22/24	793	910 810 on 6/28/24
Lockport	5/22/24	787	902 810 on 6/29/24
Brant	5/20/24	836 (6/26)	948
Versailles	5/20/24	794	908 810 on 6/28/24
Sheridan	5/20/24	854 (6/25)	969
Silver Creek (RT5)	5/23/24	736	853 810 on 6/30/24
Silver Creek (Double A)	5/20/24	852 (6/25)	968
Hanover	5/22/24	760	877 810 on 6/29/24
Forestville	5/22/24	763	880 810 on 6/29/24
East Fredonia	5/22/24	753	871 810 on 6/30/24
Fredonia (NY Mesonet)	5/23/24	719	838 810 on 7/1/24
Brocton	5/22/24	753	868 810 on 6/30/24
Portland (CLEREL)	5/22/24	761	875 810 on 6/29/24
Westfield (South)	5/22/24	771	885 810 on 6/29/24
East Westfield	5/22/24	740	856 810 on 6/30/24
Westfield	5/23/24	727	839 810 on 7/1/24
East Ripley	5/21/24	823	934
Ripley	5/22/24	781	900 810 on 6/29/24
Ripley (State Line)	5/21/24	813	932
Ripley (Escarpment)	5/22/24	754	873 810 on 6/30/24
North East (State Line)	5/22/24	751	864 810 on 6/30/24
North East Lab	5/22/24	772	887 810 on 6/29/24
North East (Escarpment)	5/21/24	791	902 810 on 6/28/24
North East (Side Hill)	5/22/24	753	865 810 on 6/30/24
Harborcreek Escarpment	5/23/22	707	821 810 on 7/2/24
Harborcreek	5/21/24	829 (6/26)	946
Lake City	5/21/24	813	930
Lake City (Mason Farms)	5/21/24	816	933
Station has hit 810		station is predicted to hit 810 soon	

Females are active and egg-laying is at its peak. Control measures should be timed to coincide with 810 DD in high risk vineyards. For materials that must be ingested, e.g. Intrepid, Altacor, it is important to get materials on as close to 810 DD as possible. For low and intermediate risk vineyards, scout between 750-800 DD for damage and apply control measures, timed to coincide with 810 DD, if more than 6% damaged clusters are found.

Egg laying continues. For materials that are contact insecticides, e.g. pyrethroids and carbamates, apply between 811 and 900 DD.



# 2024 LERGP Coffee Pot Meeting Schedule

<b>May 1, 2024 9:00am</b>	<b>SLF Meeting- Burch Farms 9210 Sidehill Rd. North East, PA 16428</b>
<b>May 8, 2024 10:00am</b>	<b>Sprague Farms 12435 Versailles Rd. Irving NY 14081</b>
<b>May 15, 2024 10:00am</b>	<b>Brian Chess Farm 10289 West Main Rd. Ripley NY 14775</b>
<b>May 22, 2024 10:00am</b>	<b>Schulze Vineyards &amp; Winery 2090 Coomer Rd. Burt, NY 14028</b>
<b>May 29, 2024 10:00am</b>	<b>Kirk Hutchinson 4720 W. Main St. Fredonia, NY 14063</b>
<b>June 5, 2024 10:00am</b>	<b>LERGREC Field Day 662 N. Cemetery Rd, North East, PA 16428</b>
<b>June 12, 2024 10:00am</b>	<b>Betts' Farm- Soil Health Day 7366 East Route 20 Westfield, NY 14787</b>
<b>June 19, 2024 10:00am</b>	<b>NO COFFEE POT MEETING</b>
<b>June 26, 2024 10:00am</b>	<b>Zach &amp; Alicia Schneider 771 Bradley Rd. Silver Creek, NY 14136</b>
<b>July 3, 2024 10:00am</b>	<b>Liberty Winery 2861 US Route 20 Sheridan, NY 14135</b>
<b>July 10, 2024 10:00am</b>	<b>NO COFFEE POT MEETING</b>
<b>July 17, 2024 10:00am</b>	<b>Chateau Niagara Winery 2466 West Creek Rd. Newfane, NY 14108</b>
<b>July 24, 2024 10:00am</b>	<b>Grower Demo Day at CLEREL 6592 West Main Rd. Portland, NY 14769</b>
<b>July 31, 2024 10:00am</b>	<b>Mason Farms 8603 West Lake Rd. Lake City, PA 16423</b>