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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.



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NYWGF Listening Session at CLEREL

On Tuesday, May 6th, the New York Wine & Grape Foundation (NYWGF) will host a Listening Session at Cornell Lake Erie Research and Extension Lab, and we'd love to see you there.

This event is designed to provide **growers and wineries** with important updates on NYWGF initiatives, including:



Our 2025-26 Research Priorities and Funding



The New York State Vineyard Survey



The Sustainable Winegrowing Program

We're also thrilled to welcome **Stefan Fleming** from Empire State Development, who will share key information on state incentives, export opportunities, and regulatory updates for the craft beverage industry.

This is more than just an informational session—it's a chance for growers and wineries to speak directly to NYWGF and help shape the future of our industry.

Lunch will be provided, and we hope you'll consider joining us in person.

Event Details & Registration:

Date: Tuesday, May 6th

Time: 11:00 AM – 1:00 PM (*includes lunch*)

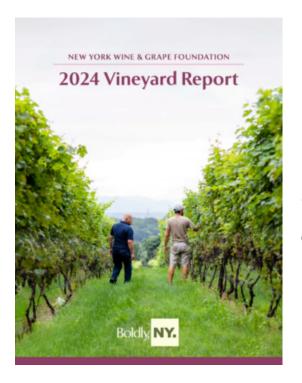
Location: Cornell Lake Erie Research and Extension Lab, 6592 West Main Road Portland, NY

14769

To make sure we have enough food, we need you to register! See link below.

RSVP Here: Lake Erie Listening Session





Benchmarking the Future of New York Vineyards

The New York Wine & Grape Foundation (NYWGF) is pleased to announce the release of the 2024 New York Vineyard Report. This report marks the beginning of a two-year initiative aimed at re-establishing benchmarks for accurate data on vineyard acreage across the state. In this effort, NYWGF has collaborated with Agency 29, Ag Access, and Deep Planet LLC to evaluate vineyard acreage through direct grower reports and advanced machine learning detection technology.

Take the 2025 Vineyard Survey

Growers who complete the Vineyard Survey in its entirety will be entered to win one of three (3) \$500 gift cards to the Agricultural Supply Company of their choice.

If you are unable to complete the questionnaire either online or by mailing in your response, please reach out to Gary Scheer for assistance at 314-944-2091 or via email gary.scheer@qlarityaccess.com.



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Business Management

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

USDA Downsizing Plan to be Ready by Mid-May, Rollins Says

By: Ryan Hanrahan

Source: <a href="https://farmpolicynews.illinois.edu/2025/04/usda-downsizing-plan-to-be-ready-by-mid-may-rollins-says/?utm_source=newsletter&utm_medium=email&utm_term=Thu+Apr+24+2025&utm_campaign=USDA+Downsizing+Plan+to+be+Ready+by+Mid-May+Rollins+Says

Agri-Pulse's Noah Wicks and Steve Davies reported Wednesday that "the Trump administration's plan for reorganizing and downsizing USDA should be out by the middle of May, and it will likely call for consolidating some programs with other agencies, according to Agriculture Secretary Brooke Rollins."

"During an interview with Agri-Pulse on Tuesday after a series of events in the Fargo, North Dakota, region, Rollins indicated some aspects of USDA Rural Development could be among functions of the department that get moved elsewhere," Wicks and Davies reported. "There's seven agencies that deal with housing, including USDA,' she said. 'There are 12 agencies that deal with rural prosperity and rural programming, and not that some of that won't remain, but this is the first time maybe that our country is taking a really hard look at how we organize our government." Courtesy of USDA.

"Rollins also suggested federal firefighting services could be consolidating. Major land management agencies are largely split between USDA and Interior. The Forest Service is part of USDA, while the Bureau of Land Management is under Interior," Wicks and Davies reported. "Maybe we keep ours, they keep theirs, but we've got to be more effective and efficient in how we fight the wildfires and how we build our firefighters, how we train them. And there's a better way to do it than the way that we're doing it.' Rollins said."



"She stressed that the reorganization was intended to make government services more efficient," Wicks and Davies reported. "'We're not taking a look at, 'Are we going to take food away from hungry kids', or 'Are we going to stop fighting those wildfires' — but looking at all of those layers of bureaucracy to make sure we're doing it in the most efficient and effective way possible with the taxpayer dollars,' she said."

Downsizing Plan Follows USDA Buyout Offers

<u>E&E News' Marc Heller reported on April 10</u> that "thousands of workers have taken the Trump administration's second buyout offer at the Department of Agriculture, as the Trump administration continues to shrink the nearly 100,000-employee agency."

"Employees who've seen internal numbers at the USDA indicate the count has reached 3,100 takers at the Forest Service, around 1,200 at the Animal and Plant Health Inspection Service and possibly as many as 12,000 departmentwide — or more than 10 percent of the department's total

employment," Heller reported. "The voluntary departures represent a wide swath of the agency's work with communities that rely on its myriad conservation, energy and forestry programs, in addition to protecting the nation's plants and animals from diseases."

"The buyouts — deferred resignations with paid leave through September — are a prelude to firings expected to hit the agency in the coming weeks, the number of which depends on how many leave voluntarily. The buyout offer expired Tuesday," Heller reported. "A USDA spokesperson didn't comment on specific numbers, except to say they're still being finalized and are aimed at improving service in the long run. And a Natural Resources Conservation Service employee who took the offer told POLITICO's E&E News the numbers are subject to change if workers clicked on the offer but don't ultimately sign the resignation agreement."

Downsizing Plan Could Include Shrinking USDA Presence in D.C.

Government Executive's Eric Katz reported on April 7 that "the Agriculture Department is planning to dismantle its presence in Washington, D.C., according to several officials briefed on the plans, and will relocate those it does not lay off to three hubs around the country." "The locations for those new offices have not yet been determined, senior officials throughout the department have told employees in recent days, but the shakeup will impact thousands of headquarters staff," Katz reported. "USDA is expected to offload one of its two Washington headquarters buildings, according to two employees familiar with the matter." "The department did not respond to a request for comment but previewed these types of changes on Secretary Brooke Rollins' first day in office," Katz reported. "'USDA is pursuing an aggressive plan to optimize its workforce by eliminating positions that are no longer necessary, bringing its workforce back to the office, and relocating employees out of the National Capital region into our nation's heartland to allow our rural communities to flourish,' it said at the time."

What I'm Reading:

- Tariffs make sour grapes for American winemakers NPR
- 8 migrant workers arrested at Vermont dairy in Border Patrol raid Ag Daily

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Viticulture

Jennifer Russo, Viticulture Extension Specialist, LERGP

In the Vineyard

I have been monitoring bud development as the weather has warmed and growers have been calling with bud progression reports. There is noticeable bud swelling on buds in regional vineyard blocks and I expect, with the weather forecast, we will see them develop further over the next week. Now is the time to begin collecting early season vineyard data to compare to past years.

Early Season Strategy: Start Strong with Mapping, Scouting, and Targeted Management As another growing season begins in the Lake Erie Region, vineyard managers are encouraged to revisit one of the most essential principles of effective vineyard management: block-by-block record keeping and scouting. Whether you're a new grower or a long-time member of the Lake Erie Regional Grape Program (LERGP), success this season starts with getting out in the vineyard early, taking detailed notes, and being ready to act based on what you see.

Bud Development

Tracking Bud development is extremely important. Collecting this information begins the process of understanding trends in your vineyard informs management decisions. There are certain pests at different growth periods that need to be addressed. Your NY and PA Grape Guidelines are a valuable resource to walk you through each growth stage and we also discuss this at our weekly Coffee Pot Series that begins in May 2025 Click here for list of Coffee Pot Meetings. Collecting data about important phenology benchmarks can help make better decisions in the vineyard throughout the growing season.

Grapevine phenology has two developmental cycles, which Dr. Terry Bates discussed at this year's Winter Grower Conference: the vegetative and reproductive cycles. The buds are a result of last season's reproductive cycle. Last season this year's reproductive material was determined and the flower inflorescences formed within the primary compound buds. These inflorescences emerge in the spring as flower clusters, which are visible on the new shoots. Below are two different grapevine phenology scales to help you with your data collection, Figure 1 is the Shaulis Modified Field Scale and Figure 1 is the Eichorn Lorenz Modified Scale. In our Concord blocks at the Lake Erie Research and Extension laboratory, we have scored many buds between 1 and 3 on the Modified Shaulis Field Score or 1-3 on the Modified E-L Scale.

Current Concord Phenology at CLEREL

As of 4/22/2025

Growing Degree Day (GDD Base 50) from Jan 1 = 87 (as reported on NEWA.cornell.edu – Portland station)

Historical Bud Break since 1979 = 5/4

Historical GDD from Jan 1 to bud break = average 132

Precipitation from Jan 1 = 7.14" (rain/melted snow)

38-year average precipitation for April 22 = 10.05"

Modified Shaulis Field Score

IVIOUII	ieu S	naulis i leid Score	,
-	1.0	Dormant Bud	
			Shoc
	2.0	First Swell brownish wool clearly visible	Shoot and Inflorescence Development
	2.5	Intermediate Swell half or more of bud	d Inf
	3.0	doeskin visible Full Swell	lores
		pink on side of bud	cen
	4.0	Budbreak half or more of leaf	ce D
	4.5	edge exposed Leaf Emergence	evel
	4.0	Full Last Diada Visible	opm
	4.8	Full Leaf Blade Visible	ent
	5.1	Flat Leaf Stage one leaf perpendicular to	
No.		shoot	
	9.05	First Bloom 5% florets open	Fio
200			8
e Contraction	9.50	Bloom 50% florets open	ering
	9.80	80% Bloom majority of caps off	
- 48		majority of caps on	Be
	10.2	Fruit Set berry abscission	Į
		fruit >2mm diameter	De
	10.7	Pea-sized Berries fruit 7mm diameter	velo
*4	10.9	Berry Touch	Berry Development
	11.5	Veraison	ZI ZI
		5% of berries have color	iper
	12.0	Maturity Fruit ripe for harvest	ning

Figure 1. Modified Shaulis Field Score for bud development

Map It, Scout It, Track It

A solid vineyard management plan begins with a GIS map of your vineyard blocks. Over the years, we have offered classes on the Efficient Vineyard's MyEV Tool. MyEV was developed as a free, web-based tool to help growers collect, process, and use spatial data for their own vineyard management. It helps organize information by farms, blocks, and sub-block spatial data. Start your exploration by creating and entering information about your farm location, ownership, and preferences. Use easy point and click tools to draw your farm blocks, add block level information, and change visualization settings. Then identify your team collaborators and invite them to interact with your farm on their desktop or smartphone.

Create Your Own Data Collector

Start simple! This tool makes it easy to map broken posts, gopher holes, irrigation leaks, nutrient deficiencies, virus symptoms, insect damage, or just about anything you want. Create your own mobile scouting tool with the MyEV Data Collector.. Share it with your team and start mapping.

Learning a new technology can be daunting, and if pencil and paper are more your style, you can accomplish mapping, scouting, and tracking just the same. If you don't yet have your vineyard blocks mapped, now is the time to schedule a session with our office to help you with the process. Use your maps to collect phenological data, mark historical trouble spots, make observational notes, and plan your scouting routes.

By developing a block-specific record keeping system, you'll be in a better position to monitor:

- Weed pressure
- Insect pests
- Disease presence
- Nutrient deficiencies
- Drainage issues

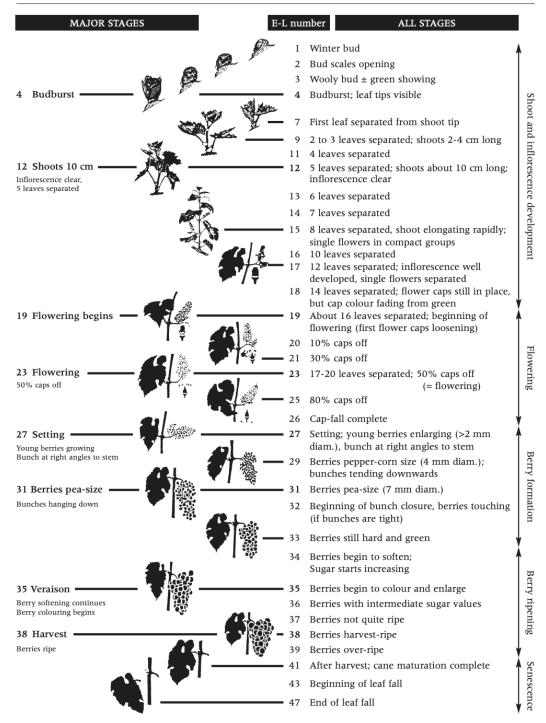


Figure 7.3 Modified E-L system for identifying major and intermediate grapevine growth stages (revised from Coombe 1995). Note that not all varieties show a woolly bud or a green tip stage (May 2000) hence the five budburst stages in the modified original 1995 system have been changed slightly by removing stage 4 and allocating the definition of budburst to what was formerly stage 5. Revised version of "Grapevine growth stages – The modified E-L system" Viticulture 1 – Resources. 2nd edition 2004. Eds. Dry, P. and Coombe, B. (Winetitles)

Figure 2. Modified Eichorn Lorenz Phenological Stages from the Australian Wine Research Institute Website, based on "Grapevine growth stages, the modified E-L system," in Coombe and Dry, 2004.

Understanding the scope and location of problems allows you to fine-tune your strategy and apply resources more efficiently, saving both time and money.

Watch Out for Early Season Pests

As buds swell and we move into early shoot development, be on the lookout for climbing cutworm and steely beetle, two early season pests that don't appear every year but can cause significant damage if the conditions are right.

Grape Flea Beetle or Steely Beetle

- Most often found near brushy edges or wooded borders.
- Damages buds by hollowing them out, effectively destroying them.
- Scout vineyard edges where the beetle has been a past problem.
- Treatment threshold: 2% bud damage in balanced-pruned vines (may be adjusted if bud numbers are higher post-pruning).

Grape Flea Beetle or Steely beetle (Photo 1.) damage can resemble cold injury but is often highly localized. Nearby rows may remain completely unaffected, underscoring the importance of block-specific scouting. The grape flea beetle is one of the first insect pests to appear in vineyards in the spring. There is only one generation per year. . <u>Click here for NYS Grape IPM Grape Flea Beetle Fact Sheet</u>.



Photo 1. Grape Flea Beetle or Steely Beetle photo from LERGP website

Climbing Cutworm

Native to North America, climbing cutworms (Photo 2.) can cause severe injury during bud swell. We are nearing the time to begin scouting for these early season pests. Climbing cutworms are frequently a problem in vineyards with at least a dozen species of cutworm larvae found in vineyard soils.

- Nocturnal feeders, retreating to ground cover by day.
- Favor vineyards with poor weed control or those with vegetation up to the vine base.

- Most active in light, sandy soils.
- Look for "cut" shoots and scars at the base of developing green tissue.
- Treatment threshold: 2% bud damage for balanced-pruned vines.

Improving weed control and maintaining a clean strip under vines can reduce the risk of cutworm infestations. Click Here for NYS Grape IPM fact sheet on Climbing Cutworms.

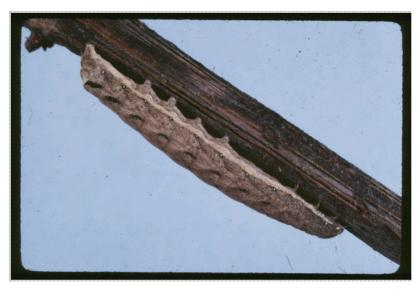


Photo 2. Photo of climbing cutworm from the LERGP website

Final Reminders

- Don't underestimate the power of early preparation a well-mapped, well-documented vineyard enables smarter decisions all season long.
- Regular scouting and precise record keeping can help differentiate between isolated problems and widespread issues, informing better use of fungicides, herbicides, and insecticides.
- Leverage your resources, especially LERGP tools and NEWA models, to stay ahead of pest and disease pressure.

As the season unfolds, remember success starts now, in the bud swell to early shoot growth window. Get into your vineyard, stay observant, and respond proactively. For help with mapping, sprayer calibration, or identifying pests and diseases, contact the LERGP office; we're here to help you make the most of the 2025 season.

References

Dry, P. and Coombe, B. 2004. Revised version of "Grapevine growth stages—The modified E-L system" Viticulture 1 – Resources. 2nd edition. Winetitles.

PA Update

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

<u>Weather and Phenology:</u> At the North East PA lab by the lake we've accumulated about 61.7 growing degree days (gdds) so far in April...almost exactly what we had at this point last year. Precipitation in April now stands at 2.65 inches, about an inch below what we had at this time last year.

<u>Diseases:</u> We reached 10% pink in Concord on Monday at our location by the lake. Bud break is not far behind and its time to plan for that first fungicide spray for Phomopsis at about 3-5 inches of shoot growth. The most important thing to remember is that <u>inflorescences are generally first vulnerable at about 3" of shoot growth.</u> Its impossible to predict when that first spray will actually need to go on (Captan or Mancozeb) but experience tells us that the 3-5" shoot stage is often a swiftly moving target. Wetness/rainfall during early shoot growth releases spores of Phomopsis from overwintering sources (wood; and the older the wood, the more potent the spore source). These conditions create the opportunities for development of this disease on new green tissue, that can leave scabby black lesions and cankers on the first few nodes/internodes of shoots and, most importantly, on inflorescences. Spring infections on cluster stem tissue can result in fruit rots during later stages of ripening, as the pathogen moves into berries months after the infection period took place. Progression of the pathogen into berries during ripening (months down the road) causes fruit to shell before or during harvest.

While fruit are forming, they are generally at risk of direct infections until a couple weeks or so after bloom, when inoculum sources normally get 'milked out' for the remainder of the season (no spores = no disease). The more rain we get, the faster spore sources will become exhausted. But obviously more rain means more infection periods and more difficult conditions under which to control the disease with fungicides. Heavy infection at the base of the shoots (Figure 1) may result in weakening of the shoot and shoot breakage under windy conditions. Leaf infections are far less serious, appearing as pinhead sized black spots surrounded by a yellow halo (Figure 2), but they do indicate the presence of an overwintering source of the Phomopsis fungus.



Fig. 1 Lesions at the base of the oldest internodes result in scabby areas that weaken the shoot.



Fig. 2 Leaf infections of Phomopsis cane and leaf spot on Concord grape. These are rarely consequential, but they do indicate the presence of overwintering inoculum in the trellis.



Fig. 3 Phomopsis fruit rot on ripe Vignoles and Niagara grapes; from infections of the cluster that occurred months earlier.

As I mentioned above, Phomopsis management with fungicides should begin at about 3-5" inches of shoot growth, but this is a ball-park figure. We often blow through that stage quickly so monitor your crop daily and watch weather forecasts, paying close attention to the prediction of *lengthy wetting periods during this early shoot growth period. This early shoot growth spray will, in most years, be the most important spray for Phomopsis.* Mancozeb products, Captan, and Ziram are the 'go to' materials for Phomopsis control, but they have no "reach back" activity and have to be applied *before* an infection period, to do their job. Timing that first spray is often a 'crap shoot' but you don't have to use maximum rates.







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PA Update

Megan Luke, Penn State Extension Viticulture and Tree Fruit Educator

PA Update

The North East Lab (LERGREC) is reporting 10% pink in Concords, with budbreak imminent along the lake shore. As you prepare for your preliminary pesticide applications, please take time to review labels, refresh your PPE, review scouting records, and consider any changes to your IPM plan. With major weather events threatening production and good spray timing, it is imperative to determine the best weather forecasting and record-keeping tools for your operation.

Rather than spend time writing those recommendations into a long article when the weather is so conducive to being outdoors, I encourage you to come to one of our in-person Coffee Pot Meetings or Field Days, every Wednesday from 10 AM-12 PM, May-July. I will be demonstrating tools and techniques for water testing and weather monitoring throughout the summer, and I look forward to assisting you in finding the best tools for your needs.



Spotted lanternfly on grapevine in southeastern Pennsylvania ©Megan Luke 2024

Grower Participants Needed!

On April 30th, A listening session will be held at CLEREL from 9:00 AM-11:00 AM to discuss current concerns on spotted lanternfly and future research needs.

Spotted Lanternfly and Tree-of-Heaven Management Focus Group

Goal: We will hold a focus group to hear your current thoughts/insights into approaches for management of TOH and SLF (when / if it arrives in our area) as part of a collaborative USDA-ARS project led by Dr. Tracy Leskey from the Kearneysville, WV Appalachian Fruit Research Station, with collaborators from Penn State and Virginia Tech. This is a new 5-year project that looks to assess novel, non-chemical strategies for Spotted Lanternfly and Tree-of-Heaven management. We want to discuss costs and benefits/drawbacks of management approaches, perceptions or expectations about SLF and TOH, and interest in novel methods,

including biocontrols for both TOH and SLF. Results from this focus group session will be used to help assess the current landscape of SLF/TOH management and develop economic cost-benefit analyses for existing management practices and those in the pipeline.

This is an opportunity to discuss local concerns directly with research teams beyond Cornell and Penn State, and to voice concerns to a broader audience. Your feedback is encouraged, and all participants are welcome.

No registration is necessary, but please call Megan Luke with any questions about attending. Dr. Julie Urban will be in attendance and will be able to discuss current research in SLF at the

conclusion of the focus group session.

Registration for the on-site calibration program is open for spring 2025, and I have only a few remaining openings in my schedule for May. If you have a sprayer that requires manual calibration, I am available for on-site appointments to calibrate your equipment. This service is FREE for Pennsylvania growers and ALL LERGP members within the Lake Erie region, regardless of which state you are in. If you have a request, I will contact you by Monday to schedule a weather-dependent appointment in the next few weeks.

Register online here



Airblast sprayer calibration equipment

LERGREC Field Day and Penn State Wine and Grape Team Pre-Bloom Workshop Agenda May 21st, 9:00 AM -2:30 PM 662 Cemetery Rd, North East, PA 16428

Coffee Pot Meeting #3 will double as the Lake Erie Regional Grape Research and Extension Center's annual field day this year. The LERGP will host the Penn State Grape and Enology Team for this full-day event. You can attend informative talks with two Core and two Category PDA credits available, get free lunch from Ramsey's Food Truck, participate in a wine tasting, and enjoy a slice of cake as we celebrate Bryan Hed's retirement!

We encourage pre-registration for this free event to ensure a sufficient headcount for lunch and cake.

You can register online at: <u>Vineyard Field Day and Pre-Bloom Program</u>

2025 LERGREC Field Day Full Agenda:

- Sign in and Welcome 8:45 AM
- Start: 9:00 AM (30 minutes)
 - o Title: "Updates about UP-based and statewide viticulture efforts"
 - o **Speaker:** Cain Hickey
 - Description: Current Penn State projects in viticulture, including growth stage projects across the state / PVIP / nutrition project/teaching on campus. All projects involve sites in Erie County.
- 9:40 AM (30 minutes) 1 category recertification credit
 - o Title: "Grape Disease Management Update"

- o **Speaker:** Bryan Hed
- Description: Review of current grape disease development, potential grape disease threats for the remainder of the season, and recommendations as to how growers need to respond to those threats with the chemical and cultural disease control options available

• 10:20 PM (30 minutes)

- o **Title:** "Business Management and Economics for Vineyards"
- o **Speaker:** Andrew Holden
- Description: Updates and analysis regarding concord grape production in the Lake Erie Region.

• 11:00 AM (30 minutes) 1 category recertification credit

- o **Title:** "Grape Berry Moth and SLF Management Update"
- o **Speaker:** Flor Acevedo
- Description: Update on grape berry moth emergence and management, natural enemies, and their preservation. Current distribution of spotted lanternfly and potential damage to Concord grapes.
- 11:30 AM (30 minutes for multiple options)
- 12:00 PM (Lunch)
- 12:50 PM (30 minutes) 1 core recertification credits
 - o **Title:** "Worker Protection Standard- What does compliance look like?"
 - o **Speaker:** Joni Davis
 - Description: Inform-Protect-Mitigate The whole reason for the regulation is to make sure those who work for you know what they are being exposed to, how to protect themselves from that exposure, and what to do if they are exposed to pesticides while working on the farm. During this talk, you will learn what it takes to gain compliance and how to maintain it year after year.
 - O Description: 1:20 PM (30 minutes) 1 core recertification credit
 - o **Title:** "Record Keeping Practices- Weather Stations"
 - o **Speaker:** Megan Luke
 - Description: How and why to document weather conditions before pesticide applications.
 Discussion of weather station options and best practices for record keeping.

• 1:20 PM (30 minutes)

- o **Title:** "Beyond Basic Berry Flavor Development"
- o **Speaker:** Misha Kwasniewski
- Description: As berries ripen, a lot is changing beyond just color and increasing sugar. This
 will cover how decisions in the field impact flavors and the eventual impact of these decisions on juice or wine quality
- Optional Wine Tasting
- 2:30 PM End

Contact information:

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Office: (814) 825-0900

Email: MFL5873@psu.edu

2025 **LERGP Coffee Pot Meeting** Schedule

May 7, 2025 10:00am Militello Farm Supply

2929 Route 39 Forestville, NY 14062

May 14, 2025 10:00am **Knight Vineyards**

18 Shaver St. Ripley, NY 14775

May 21, 2025 9:00am **LERGREC Field Day**

662 N. Cemetery Rd, North East, PA 16428

May 27, 2025 10:00am

Note: This is a Tuesday!

Paul Bencal

2645 Albright Rd. Ransomville, NY 14131

June 4, 2025 10:00am **Sprague Farms**

12435 Versailles Rd. Irving NY 14081

June 11, 2025 10:00am **AgriAmerica**

2465 Route 20 Silver Creek, NY 14136

June 18, 2025 10:00am **Arrowhead Winery**

12073 East Main St. North East, PA 16428

Liberty Winery June 25, 2025 10:00am

2861 US Route 20 Sheridan, NY 14135

Chris & Heather Kaczor July 2, 2025 10:00am

10468 Lake Shore Rd. Irving, NY 14081

July 9, 2025 10:00am NO COFFEE POT MEETING

July 16, 2025 10:00am **Grower Demo Day at CLEREL**

6592 West Main Rd. Portland, NY 14769

Schulze Vineyards & Winery July 23, 2025 10:00am

2090 Coomer Rd. Burt, NY 14028

NO COFFEE POT MEETING July 30, 2025 10:00am

NEW YORK WINE & GRAPE FOUNDATION

Help Shape the Future of New York's Grape Growing Industry

ACT NOW...SUBMIT YOUR VINEYARD SURVEY BY MAY 15, 2025!

Surveys can be mailed in, phoned in, or completed online.

Complete the survey to win one of three \$500 gift cards to the agricultural supply company of your choice!

Together, we're not just gathering data—we're building a stronger, smarter, and more resilient industry.

Scan the QR Code to take the 2025 Vineyard Survey or learn more at newyorkwines.org/vineyard-survey-2025





EcoSwing® is a botanical fungicide created using proprietary plant extracts from the Swinglea glutinosa tree. EcoSwing features proven efficacy on several key spring and summer pathogens. Incorporating EcoSwing as a preventative application into an integrated disease management program allows for the addition of an alternative mode of action for improved disease control and resistance management.

- 4-hour REI & 0-day PHI
- Flexibility and versatility for your disease control program
- **U.S. EPA registered** tolerance exemption
- ▶ Favorable profile for applicators, handlers, and field workers
- Compatible with other fungicides and insecticides

GOWANCO.COM GOWAN

Ecoswing" is a registered trademark used under license by Gowan Company, L.L.C. The OMRI Listed seal is a registered rademark of OMRI. "These diseases are labeled via FIFRA 2(ee) in the state of CA. Please refer to the product label for a complete list of diseases. Always read and follow label instructions.

Links of Interest:

Cornell Cooperative Extension:

https://cals.cornell.edu/cornell-cooperative-extension

Efficient Vineyard:

https://www.efficientvineyard.com/

LERGP:

https://lergp.cce.cornell.edu/

https://lergp.com/

NYSIPM:

https://cals.cornell.edu/new-york-state-integrated-pest-management

Veraison to Harvest:

https://cals.cornell.edu/viticulture-enology/research-extension/veraison-harvest

Spotted Lanternfly Pocket Guide:

https://lergp.com/spotted-lanternfly