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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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2025 LERGP Grape Grower Conference

Thursday, March 20, 2025 SUNY Fredonia William's Center

Registration is open!



Agenda will be posted at our web-site next week.

We look forward to seeing you at the conference.

LAKE ERIE REGIONAL GRAPE PROGRAM 2025 GRAPE GROWERS' WINTER CONFERENCE REGISTRATION FORM

SUNY Fredonia Williams Center Thursday, March 20, 2025 Deadline for registration is Friday, March 14, 2025.

Name (1 st attendee)		\$_							
Farm Name									
Address, City, State, Zip Code									
Phone	E-mail								
Are you enrolled in Lake Erie Regional Grape Program (LERGP)? YesNo									
MEMBER	REGISTRATION FE	E S	NON M	EMBER					
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Business Management

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

B.E.V. Recap and Other News

For this years BEV NY Conference, I was asked to speak on the topic of when should a grape grower consider removing a vineyard. The talk was mainly targeted towards wine grape growers but could easily apply to juice grape operations. This topic has been trending recently in the wine and grape world as across the globe hundreds of thousands of acres of vineyards have been called to be removed by industry organizations to combat a global glut in the market. Slowing of global demand for wine and an increase in production has spurred the call for removing acres and bring balance back to the industry. In our region, growers are slower to remove vineyards for a multitude of reasons, including local demands and smaller vineyard sizes. Though our region is slower to react to these global trends, it doesn't mean we are in a vacuum and growers should be cognizant of all the factors when considering vineyard removal. In my discussion I presented all the apparent and hidden costs to removing vineyards.

According to the 2025 Ciatti Global Market Report, "Chile may have removed up to 20% of its vineyard area across 2023 and 2024; state-sponsored removals are underway in southern France, where wine industry bodies suggest some 100,000 hectares require uprooting; in California, tens of thousands of acres were likely removed over the past 18 months". These stats have been dominating the headline and have had effects on the grape market over the past few years. If you

have been considering the possibility of removing a vineyard, consider the following immediate and long-term factors to help guide your decisions.

In the immediate consideration category, profitability is still number one. Is your vineyard currently turning a profit? If you are unsure, or if numbers have changed dramatically during the pandemic and inflation, use an enterprise budget to account for all your variable and fixed cost of said vineyard. If you determine your vineyard is profitable, you should then work to determine if there is a trend in return over the past few years. Are you making consistent profits? Or have your margins shrunk over the years and eventually, if continued, will they sink to negative? If you calculate that you are currently not profitable, are there changes that you can make? Where are some areas you can cut on cost, or increase prices?

Aside from profitability, the other immediate considerations should be looking



at where your product is sold, and overall health and condition of your vineyard. Are consumer preferences shifting away or towards from your current varietals? Is it a short term or long-term trend? Don't get overleveraged to chase short term trends, but be aware that they can affect your profitability, and use them as an opportunity if possible. Another practice would be completing a competitive analysis of similar operations. Are other vineyards adapting faster? What are they doing to stay competitive? What can you do better to give yourself an advantage? Examining your possible markets and working with your current purchasers or wineries to make sure you are staying up to date with current demands and using that to evaluate your current crops.

On the vineyard health and condition side: Is there heavy disease pressure or prone to frost damage? How often are you, and at what cost is it to retrain vines? Are grapes meeting quality standards for winemaking or processors? Consider the economic viability of maintaining underperforming vines in the long term. What is the overall vineyard condition? Is your trellis system in need of major maintenance or repair? Are there any major erosion or drainage issues? Where is your vineyard located? Is it far away from others, costing time and fuel to reach? Is the row orientation/spacing not ideal or in line with your other blocks? Is it colder than other vineyards and causing more issues than the rest? All of these considerations have a hidden value that could help make the decision on whether or not to remove said vineyard.

When it comes to long-term or strategic considerations, what is your long-term business vision? Are you aligning vineyard decisions with broader winery goals for the future? Are you investing in varieties with strong market potential or higher margins? Are you adapting to climate changes and utilizing new genetic technologies?

What is the opportunity cost of your vineyard land? Could land be more valuable for a different crop or purpose? Expanding winery or farming facilities, other specialty crops or agrotourism?

The cost to remove or replant a vineyard is also an important consideration to make. If removing a vineyard some growers spent over \$3,000 an acre to fully remove vines and trellis according to the Vineyard Improvement Program. The cost to replant and improve a block with drainage tile and new trellis can be almost double that in cost as well. If a vineyard is no longer valuable to you or your winery, but still productive, there could be a market for leasing it out or selling. This would free up resources and expense while avoiding the cost of removal.

Some other considerations I discussed were, how removal of a vineyard would affect your economies of scale. If you have less acreage, does that effect labor and who would be willing to work on your farm? Are you meeting the production numbers for your buyers?

Finally, consider you succession or transition planning. Removing a vineyard is a long-term decision and if you are in the position that the next generation, or a potential buyer, will be taking over your farm in the near future, make sure that they have a seat at the table for these decisions. It is never too early to think about planning for the succession of your farm business. If you plan to sell the operation one day, make sure you are making the decision that helps you achieve that goal. An old and low profitability vineyard could hurt your market value more than it would cost to remove.

In conclusion, no single factor dictates removal, it is a balance of agronomics, economics, and short and long-term business vision. Being proactive rather than reactive in assessing vineyard viability will allow you to stay profitable in the long term.

What I'm Reading:

- Global vineyard values tumble as falling wine consumption hits industry Financial Times
- Canada & Mexico Tariffs Take Effect, China Hits Back at US Ag Farm Policy News
- USDA Ordered to Reinstate 5,000+ Probationary Workers Farm Policy News

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Viticulture

Jennifer Russo, Viticulture Extension Specialist, LERGP

I just wanted to remind you all to register for our conference. We have put together a great program with information that will be very beneficial to many this upcoming growing season. From Spotted Lanternfly to thinning, managing vineyards without resources we are used to, and EPA updates, we have it covered. We look forward to sharing this day with you.

2025 Lake Erie Regional Grape Program Winter Grower Conference

March 20, 2025, from 8 AM to 4:30 PM at: WILLIAM'S CENTER 280 CENTRAL AVE. SUNY FREDONIA CAMPUS FREDONIA, NY 14063

6:45 AM - Vendor set up

7:15 AM – Grower Check In/Registration begins

8:00 – 8:30 AM – Welcome by Jennifer Phillips Russo and LERGP Overview

8:30 – 9:00 AM – Andrew Holden, Penn State University Business Management Specialist, Lake Erie Regional Grape Program – Introduction and Survey

Andrew comes to The Lake Erie Regional Grape Program with a Bachelor of Science in Agribusiness and Applied Economics and a Master of Science in Agricultural Communication, Education, and Leadership (ACEL), from Ohio State University. His areas of specialization include, but are not limited to, Farm Business Management, Enology and Viticulture, and Ag/Farm Safety. Sixty percent of Andrew's job description is to provide leadership for planning, implementing and evaluating educational programs that addresses producer identified needs and opportunities.

While vineyards in challenging regions like the eastern US must constantly adapt to shifting conditions - from unpredictable weather patterns to evolving market demands – working through cashflow dynamics is not a straightforward choice. Andrew will guide growers through the critical financial, agricultural, and strategic factors that should inform financial decisions to help weather tumultuous times. The emphasis is on business management for commercial growers and small winery operations. This program will include but not be limited to 1) record keeping and business analysis; 2) economics of production practices; 3) financial management, forms of business organization and taxation; 4) labor management and 5) marketing.

9:00 – 9:15 AM – Kyle Bekelja, New York State IPM Grape Coordinator – Introduction

Kyle is the successful candidate for the NYS Grape IPM Coordinator. He will work with faculty and Cornell Cooperative Extension colleagues to help shape New York's thriving \$6 billion grape industry by expanding knowledge and access to sustainable pest management practices in grape agroecosystems and inspiring and working with diverse audiences and stakeholder communities to address the key issues impacting the state's grape production systems. Kyle's mission is to establish NYSIPM as a trusted authority on pest management strategies that reduce personal and

environmental and economic risk for grape growers and producers through program development, implementation, evaluation and applied research.

9:15–9:45 AM – Jennifer Phillips Russo, Extension Associate with Cornell's Lake Erie Regional Grape Program – Spotted Lanternfly Mechanized Harvest Pilot Study

The Penn State and Cornell lanternfly research team/ working group has been working to identify potential risks that will be created in the highly mechanized grape production industry of the Erie region prior to Spotted Lanternfly (SLF) arrival and establishment. A potential risk identified was whether mechanical harvesters would "harvest" SLF present on the vines with the grapes, thus contaminating the harvested crop. In the Southeast region of Pennsylvania, wine grapes are predominately harvested by hand, into small totes, which are then pressed in small batches. Despite SLF being present in high numbers in the vineyards, hand harvesting and multiple points of contact prior to pressing allow for multiple points of SLF removal from the crop. The Lake Erie region of Pennsylvania and New York (approximately 32,000 acres) are predominately harvested utilizing mechanical harvesters. With most mechanically harvested grapes, no human hands touch the crop from the time of harvest through delivery to the processors, eliminating the possibility of SLF removal if SLF were to establish in our region. In general, juice grape growers do not apply insecticides during the fall harvest season as frequently as wine grape growers do, if at all. Jennifer will be presenting information on the data collected in the Spotted Lanternfly Mechanized Harvest Pilot Study that LERGP and PSU conducted in October 2024.

9:45-10:15 AM - Break and Vendor Show

10:15 – 11:15 AM – Dr. Terry Bates, Director of the Lake Erie Research and Extension Laboratory in Portland, NY, Cornell University – Grapevine Management Thinning Research

The objective of Terry's research program is to help the New York grape juice industry reach their goal of producing maximum sustainable yield of high-quality fruit through viticulture research and education. We work closely with producers and processors to identify research questions that are applicable to the industry. His team supports the grape industries of western New York and Pennsylvania through Precision Viticulture, Vineyard Mechanization, and Optimized Nutrient Management. Our region is very fortunate to have Dr. Bates conducting research to benefit our growers and improve their operations, but his contribution to our industry does not have borders. Terry's work is being adopted globally with positive impacts.

The term "alternate bearing" or "biennial bearing", refers to the phenomenon where a grapevine (or other fruit-bearing plants) produces a heavy crop in one year, followed by a reduced crop the following year. This cycle can be influenced by various factors, including environmental conditions and the plant's energy reserves. Due to the large frost event in the 2024 growing season and subsequent low yields for most of our eastern grape growing region, it can be anticipated that the rested vines may have a heavy crop this growing season. Canopy management is necessary for crop balance and the grower must apply viticultural practices to guide the vine and fruit into balance, with the result being perfectly mature fruit. Canopy/fruit management goals make us more consistently successful in our pursuit of efficient production of economically viable yields of grapes over the long term. Dr. Terry Bates will discuss research in both canopy and fruit management to help make informed decisions for this coming growing season.

11:15 – 11:55 AM – Dr. Katie Gold, Assistant Professor and Susan Eckert Lynch Faculty Fellow, School of Integrative Plant Science, Plant Pathology and Plant-Microbe Biology Section, Cornell

AgriTech

Dr. Kaitlin (Katie) Gold is an Assistant Professor of Grape Pathology in the Plant Pathology and Plant-Microbe Biology Section of the School of Integrative Plant Science at Cornell University where she holds primary research and extension responsibilities for grape disease management in New York State. Dr. Gold's Grape Sensing, Pathology, and Extension Lab at Cornell (GrapeSPEC) studies the fundamental and applied science of plant disease and plant-microbe interaction sensing to improve integrated grape disease management. The Gold Lab specializes in the use of in situ and imaging spectroscopy (also known as hyperspectral imaging) deployed at a range of spatial scales, from proximal, autonomous rovers to spacecraft, to characterize asymptomatic disease physiology and the impacts of management intervention on early grape disease detection.

Katie holds primary responsibility for grape disease management outreach and education in New York state via her 40% extension appointment. Learn how she is working Office of Pesticide Programs, Environmental Protection Agency, to ensure our concerns with the loss of Mancozeb would be detrimental to our industry. New York is the third largest producer of wine and juice grapes in the US, consisting of ~1400 farms spread across almost 40,000ac in four major production zones. Katie will give us an introduction into the work that her lab carries out and connect personally to our industry to listen to our needs and how we can direct research to continue sustainability into the future.

11:55 – 12:10 – Kim Knappenberger, Cornell Extension Support Specialist, Lake Erie Regional Grape Program

Kim Knappenberger will present on the NEWA | Network for Environment and Weather Applications updates, how this resource can help inform your management decisions, and how our team supports this effort to provide support to our growers. Weather stations, primarily located on farms, deliver data to the NEWA website, which automatically calculates and displays weather data summaries, crop production tools, and IPM forecasts. Pest Forecast Models, in 2007, users reported that they can save, on average, \$19,500 per year in spray costs and prevent, on average, \$264,000 per year in crop loss as a direct result of using NEWA pest forecast models.

12:15 - 1:45 PM - Lunch and Vendor Show

1:45 - 2:30 PM – Dave Combs, Cornell Research Support Specialist in Dr. Katie Gold's Lab

Dave Combs is responsible for anything and everything related to the Cornell's 4 acres of pathology vineyards, including our annual



fungicide efficacy studies for grapevine powdery mildew, downy mildew, black rot, and Botrytis bunch rot. Dave has vast field experience gained over his 26 years working for Cornell managing applied field programs ranging from tree fruit insecticide trials to vineyard fungicide trials. He is responsible for all applications, scouting, data collection, analysis and reports in the annual efficacy testing experiments. Dave is the 'jack of all trades' in the lab and pitches in where he is needed. This also includes precise image annotation for training the autonomous robot, lab ordering and inventory, greenhouse duties and field equipment maintenance and operation. Dave has robust background in viticulture and previously taught Integrated Pest Management at Finger Lakes Community College. Dave's presentation is on disease identification and management strategies.

The most important step in making sure that you are able to control a disease is to make sure that you are using the correct material/technique for that particular pathogen. Proper identification will be key in making sure that you are using the correct tool for the job. Dave's presentation will walk us through grapevine diseases and pathogens that move from early to late season, what is active when different stages of the disease as it advances, and he will demonstrate comparisons of diseases that can appear similar. It is our intentions to have attendees leave this presentation confident in disease identification for strategic management.

2:30 - 3:00 PM – Megan Luke, Penn State University's Extension Educator in Viticulture and Small Fruits, Lake Erie Regional Grape Program – Back to Basics for Pesticide Application

Megan Luke holds a M.S. in Interdisciplinary Studies: IPM and Agroecology from California State University, Chico. Her areas of expertise include the implementation of IPM principles in perennial crop systems, orchard, and vineyard management practices, pesticide application strategies including variable rate mapping and equipment calibration, entomology including identification and trapping methodologies of agricultural pests, invasive species management, weed science, and PPE training. She holds a public pesticide applicator license in PA (#103136) in Category 18.

Megan will present on how Lake Erie Regional Grape Growers can remain confident in their pesticide application strategies and remain in compliance with changing pesticide label regulations. Megan will discuss best practices for record-keeping, including new Endangered Species Act mitigation measures and Bulletins, weather documentation, and equipment calibration. She will review the components of an IPM plan and discuss how recording day-to-day farm practices can aid growers during normal compliance checks.

3:00 - 3:15 PM - Break and Vendor Show

3:15 – 3:50 PM – Bryan Hed, Penn State University Research Pathologist at Lake Erie Research Laboratory, North East, PA – What does the future of disease control in grapes look like?

Bryan will present on the potential future in grape disease management with the loss of chemicals and resistance. He will present options and evoke inquiry about new and old chemical classes and their potential to fill gaps in current programs. Brian will also present on his spray management program for disease on Riesling that he concluded.

3:55 – 4:30 PM – Greg Loeb, Cornell University Professor, Department of Entomology, Cornell AgriTech

The overall goal of Greg's research program is to understand the principal forces that influence the

population dynamics and species interactions of herbivores in agricultural and natural ecosystems and use this information to devise and implement multi-tactic pest management programs. His areas of research expertise include plant-arthropod interactions, biological control, chemical ecology and integrated pest management. Greg's more basic research is focused on how host plant traits and other environmental factors influence interactions between plants and their herbivores, and herbivores and natural enemies. His more applied research program focuses on the ecology and integrated control of specific arthropod pests of grapes and small fruit crops.

Greg's goal in extension is to translate and transfer results of applied research on pest biology and control to our grower clientele so that they will be better informed and better able to make sound pest management decisions. Educating growers and pest control advisors as to the proper and effective use of pesticides is an important aspect of my responsibilities. In addition, however, I include other approaches to pest control such as the use of predators and parasites, manipulation of pest behavior, cultural techniques and host plant resistance. Greg's presentation will speak about management of Spotted Lanternfly with focus on insecticides. And he will update us on research with drosophila and sour rot.

4:30 PM - Close



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PA Update

Megan Luke, Penn State Extension Viticulture and Tree Fruit Educator

The Pennsylvania Wine and Grape Industry Conference was held on February 26 and 27, 2025, in State College, Pennsylvania.

Grape growers, wine producers, educators, researchers, and other industry stakeholders in Pennsylvania's wine and grape industry gathered at the Penn Stater Hotel and Conference Center in State College on February 26 and 27, 2025, for the annual Pennsylvania Wine and Grape Industry Conference, hosted by the <u>Pennsylvania Wine Marketing and Research Program, Pennsylvania Winery Association</u>, and Penn State Extension. The Pennsylvania Winery Association annual meeting was held on February 25th before the two-day technical conference. The two-day event provided a venue for grape/wine education and meaningful in-person networking opportunities for regional grape and wine industry stakeholders.

Andrew Holden and I were able to represent the LERGP Team at the event. I presented an overview of the accomplishments of the LERGP team in the past year. Briefly, I discussed the pesticide label changes that I have been following closely, as well as the preliminary results of the mechanical harvester data collection in spotted lanternfly-infested wine grapes. Andrew was available to discuss market trends, farm succession concerns, and upcoming grants and tax rebates that may be available to winery/vineyard owners. These topics will be discussed in more depth at our annual conference on March 20th in Fredonia, NY.

I focused on Worker Protection Standards and Personal Protective Equipment in the last Crop Update. As we move towards de-winterizing our equipment and preparing for spring repairs, it is time to get scheduled for your annual sprayer calibration.

Registration for the on-site calibration program is open for spring 2025. If you have a sprayer that requires manual calibration, I am available for **on-site** appointments in April and May to perform calibration on 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.

Please contact Megan Luke or register through the LERGP website soon to secure your spot.

Register online here

Spray equipment safety: Perform pre-season maintenance and safety checks of all equipment and continue to do routine checks after spray activities to ensure that materials are applied correctly. Correct application ensures the efficacy of your spray program. It protects workers and non-target organisms in your vineyard and surrounding areas, as well as preventing mid-season down time for repairs.

Safety checks

- ✓ Hoses (splits, cracks, connections, chafe)
- ✓ Filters (leakage, blocks, damage, missing)

- ✓ Controls (circuitry, valves)
- ✓ Pump (lubrication, leaks, friction, obstruction)
- ✓ Pressure gauge (reading as expected)
- ✓ Nozzles (missing, obstruction, leaks, output value)
- √ Fan (friction, obstruction)
- ✓ Oil levels (pump crankshaft, fan drive gearbox)
- ✓ Bearings (wheel, PTO shaft, agitator shaft, fan drive shaft)
- ✓ Tires (wear, inflation)

Spray equipment calibration: Calibrating your spray equipment is the best way to ensure that your equipment is delivering the label indicated quantity of pesticide material to the target area. Many new sprayers have computer-driven methods of calibration, while older equipment may require manual adjustments.

Methods

- Overview of calibration process
 - Sprayers 101 Website
 - Penn State Ext- Sprayer Calibration Process
- Nozzle selection
 - YouTube- Nozzle Selection
- Measuring liquid flow
 - YouTube- Measuring Liquid Flow



Airblast sprayer calibration equipment

EPA Herbicide AND Insecticide Strategy Updates

If you haven't read about the upcoming changes to pesticide labeling, please see the resources listed below from previous Crop Updates. On the LERGP team, we are working closely with both PDA and DEC compliance specialists, Cornell NYS IPM, and the PSU Pesticide Education teams to provide the most up-to-date information regarding these strategies and our responsibilities as educators and applicators. As these changes take effect, we look forward to offering collaborative

resources for growers in the coming years.

Current status of several pesticides under review (NO CHANGES FROM PREVIOUS UPDATE):

Ziram- Can be used for the 2025 growing season. A 12-month grace period to remove the product from the pipeline will start in 2025. **EPA-HQ-OPP-2015-0568**

Mancozeb- Comments are under review; a spokesperson from the EPA has stated that a response to comments will be released late in 2025, along with any changes to the proposed decision. **EPA-HQ-OPP-2015-0291**

Captan- Labels will be updated with the new language in the next 12 months. Review the label carefully at the time of purchase. **EPA-HQ-OPP-2013-0296**

Docket information and review timing can be found at: https://www.epa.gov/pesticide-reevaluation/upcoming-registration-review-actions

Docket documents and open comment periods can be found at: https://www.regulations.gov/

Search by the docket number listed above, then choose the "docket documents" tab, and select "sort by" and "newest" or "comments due (newer-older)."

EPA's Bulletin Live! 2 Website can be found here: https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins

Contact information:

Mobile (*call or text*): (716) 397-9674 (*preferred*)

Office: (814) 825-0900

Email: MFL5873@psu.edu



Updates and Information

Kimberly Knappenberger, Extension Support Specialist, LERGP

NEWA

During the past couple of weeks we had a pretty big backend update with Onset, the maker of our HOBO stations. They have been acquired by a company called LI-COR and their data storage platform was updated to a redesigned, next-generation platform. Overall it seems to have gone pretty well, and at this point it looks like the HOBO stations are reporting timely weather data. For those of you with a station, you may notice a delay on the dashboard. I have reached out regarding that was informed that they are still getting the kinks out and hope to have it resolved shortly.

The good news is that the majority of you reading this will probably not notice anything different. The data feed to NEWA from HOBOlink/LI-COR Cloud looks to be complete and active. Over the weekend there was a bit of a data delay, but that appears to be fixed.

In other news, I still have 2 of our stations down and in the lab. We are waiting for some parts that should be here by the end of the week and I am hopeful that we will be collecting data again soon at both East Ripley and Versailles, and potentially hope that we will have fewer outages moving forward. Eternally optimistic!



Figure 1 Two KestrelMet stations down for repair

As always, if you have noticed something that doesn't seem right on a station please feel free to contact me at ksk76@cornell.edu.

NYSDEC HOW TO GET CERTIFIED COURSE

WHEN:

April 2, 2025 10am - Noon

WHERE:

Cornell Lake Erie Research & Extension Laboratory 6592 W Main Road Portland, NY 14769

EXAM DATE:

April 9, 2025 10:00am Start Time Same Location

DISCUSSION TOPICS

NYS Pesticide Laws & Regulations

Certification Requirements

Certification Exam Process

EPA Worker Protection Standard (WPS)

SAME-DAY EXAM REG.

\$100 Exam Fee (Payable to NYSDEC)

Exam paperwork provided & completed onsite

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2025 NYSDEC How to Get Certified Course

April 2, 2025- 10:00am- Noon

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You can register for the exam the day of the course. You must bring a valid NYS ID and a check made payable to NYSDEC for \$100.00.

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 28, 2025 10:00am 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

June 25, 2025 10:00am Liberty Winery

2861 US Route 20 Sheridan, NY 14135

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

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

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

2090 Coomer Rd. Burt, NY 14028

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

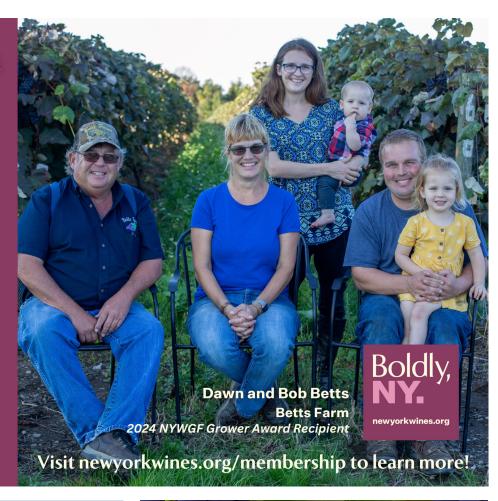
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- Jim Joy, JM Joy Farms



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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

