



*LERGP Crop Update  
September 25, 2025*

*Photo credit-  
Jennifer Phillips Russo*



**Cornell Cooperative Extension**  
Lake Erie Regional Grape Program





In this copy:

**Revisiting New York State's 20 Percent Farmer Investment Tax Credit- *Andrew Holden-***  
[page 3](#)

**Concord Grape Berry Curve, New York Wine & Grape Foundation Invites Industry Input to Shape 2026-27 Research Priorities- *Jennifer Phillips Russo-***  
[page 6](#)

**PA Update- *Megan Luke-***  
[page 13](#)

**NEWA- *Kim Knappenberger-***  
[page 16](#)



**Jennifer Phillips Russo - LERGP Viticulture Specialist:**

[jjr268@cornell.edu](mailto:jjr268@cornell.edu)  
Cell: (716) 640-5350

**Megan Luke –LERGP Penn State Extension Viticulture and Tree Fruit Educator**

[MFL5873@psu.edu](mailto:MFL5873@psu.edu)  
Cell:(716) 397-9674 Office:(814) 825-0900

**Andrew Holden-LERGP Penn State Extension Business Management Educator**

[azh6192@psu.edu](mailto:azh6192@psu.edu)  
716-792-2800 ext 202  
Cell: 716-640-2656

**Kim Knappenberger – Extension Support Specialist**

[ksk76@cornell.edu](mailto:ksk76@cornell.edu)  
716-792-2800 ext 209

**Kate Robinson – Administrative Assistant**

[kjr45@cornell.edu](mailto:kjr45@cornell.edu)  
716-792-2800 ext 201

**Cara Lanning- LERGP Project Field Technician**

[cl2748@cornell.edu](mailto:cl2748@cornell.edu)

[Click here to 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.*

# Business Management

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

## Revisiting New York State's 20 percent farmer investment tax credit

I have received some questions recently on the ITC program and the trade off between taking the ITC or Section 179.

Cornell PRO-DAIRY business management specialist Mary Kate MacKenzie wrote a detailed article that explains the true value of the ITC and provide how farmers can take into consideration the pros and cons of the program to decide what is right for them. If you are considering the NYS ITC, I suggest you read this article and speak with your accountant. I am also available to discuss your scenario and help you make the best decision for your farm.

Please find the article below:

<https://cals.cornell.edu/news/2025/04/how-much-new-yorks-20-farmer-investment-tax-credit-worth-today>

## Registration is now open for ASL104-SP: Staffing and Organizing Your Team

In this course, we'll identify how to write job descriptions for available positions to attract the best candidates. You'll learn how to find employees with the desired profile, how to interview and select the right people. You'll discover how to complete new employee paperwork, employment authorization, and onboarding, that is, how to effectively incorporate new employees into the farm in a successful and productive manner.

- Becoming a preferred employer
- Personnel planning
- Job descriptions
- Avoiding bias and discrimination
- Recruiting and interviewing
- The selection process
- Hiring and onboarding

**Course begins: Wednesday, November 12, 2025**

**Live Zoom discussions: Tuesdays, November 18 – December 23, 12:00 – 1:00 PM ET**

### How to register/como registrarse

Course cost/costo del curso:

\$275 for NYS residents

\$325 for out of state residents

\$275 por persona / residentes de Nueva York

\$325 por persona / residentes fuera del estado

Pre-registration is required prior to the start of each course.

Es necesaria la preinscripción antes del inicio de cada curso.

**Registration closes November 17 at 5 PM EST.  
La inscripción cierra el 17 de noviembre a las 5 PM EST.**

### [Register/Registro](#)

#### **H-2A Visas Again Eligible for Consular Interview Waivers Starting October 1**

Adding to the plethora of H-2A changes the past several weeks, the State Department [announced](#) on September 18 that returning H-2A visa applicants will be eligible for an in-person consular interview waiver beginning October 1, 2025 if “renewing an H-2A visa within 12 months of the prior visa’s expiration when the prior visa was issued for full validity at the time of issuance and the applicant was at least 18 years old.”

Original guidance from the State department in July indicated that all H-2A applicants, including returning applicants would be required to complete an in-person interview beginning September 2, 2025. This update to include H-2A as eligible for interview waivers is welcome news to many producers and industry groups that feared a mandatory interview requirement for returning H-2A applicants would further delay worker arrival times.

By Lucas Smith, Cornell University. Permission granted to repost, quote, and reprint with author attribution.

#### **What I’m Reading/Webinars:**

- [Immigration Essentials for Farm Employers - The Ag Workforce Journal](#)
  - Our friends at MSU Extension are offering a webinar series that may be of interest to many New York producers. See details and registration below. Title: Immigration Essentials for Farm Employers Session Dates/Times: Session 1 — ICE Insight: September 11 at 10am Session 2 — I-9 Compliance: September 18 at 10am Session 3 — Immigration Policy: September 25 at 10am Flyer:
- [U.S. Soybean Harvest Starts with No Sign of Chinese Buying as Brazil Sets Export Record](#) – Farm Doc

#### **My contact information:**

Andrew Holden, Business Management Educator

Mobile (call or text): (716) 640-2656

Office: (716) 792-2800

Email: [AZH6192@psu.edu](mailto:AZH6192@psu.edu)

**EcoSwing**<sup>®</sup>  
BOTANICAL FUNGICIDE

EcoSwing<sup>®</sup> 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**<sup>®</sup>  
USA

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

**LANDPRO**

CONTACT OUR HIGH VALUE CROPS DIVISION:  
**Jayne Conti - 716-450-1496**  
**Erik Quanbeck - 315-702-3541**  
**LandProEquipment.com**

**JAVA FARM SUPPLY**

8855 W Route 20 Westfield, NY 14787 (716) 326-4666  
 JavaFarmSupply.com  
 Meeting all of your Vineyard Equipment needs!

**Westfield**  
AG & TURF<sup>LLC</sup>

**Andy Campell**  
General Manager

716-326-4671 • 7521 Prospect Rd • Westfield, NY 14787  
 www.westfieldagandturf.com

*We Service What We Sell!*

# Viticulture

Jennifer Russo, Viticulture Extension Specialist, LERGP

## In the Vineyard

### Concord Berry Curve and Brix Accumulation

Dr. Terry Bates and his team continue to monitor the phenology vines at the Cornell Lake Erie Research and Extension Laboratory in Portland, NY, and the graphs are below. Terry wrote, "Concord curve for this week. I caught an error in the berry curve...I was missing a date. Puts the 2025 curve much more in line with the long-term average". If you look at Figure 1 below, the Concord Berry Curve, the thick red line is 2024's Concord berry development over the growing season. 2024 Concord berries were larger than the historical 24-Year Mean (the thick black line) from 30 Days After Bloom (DAB) until harvest. The thick blue line is the Concord berry development for 2025's growing season and it too was above the black line representing the 24-Year Mean for Concord berry growth up until 60 DAB, where it began to track pretty closely with the 24-Year Mean. Figure 2 below had the Concord Brix Accumulation, and the line colors are the same as Figure 1. Approximately thirteen Days After Veraison, the 2025 Brix Accumulation was the same as the 24-Year Mean, however they have been below the 24-Year Mean and the 2024 curve for the rest of the season thus far.

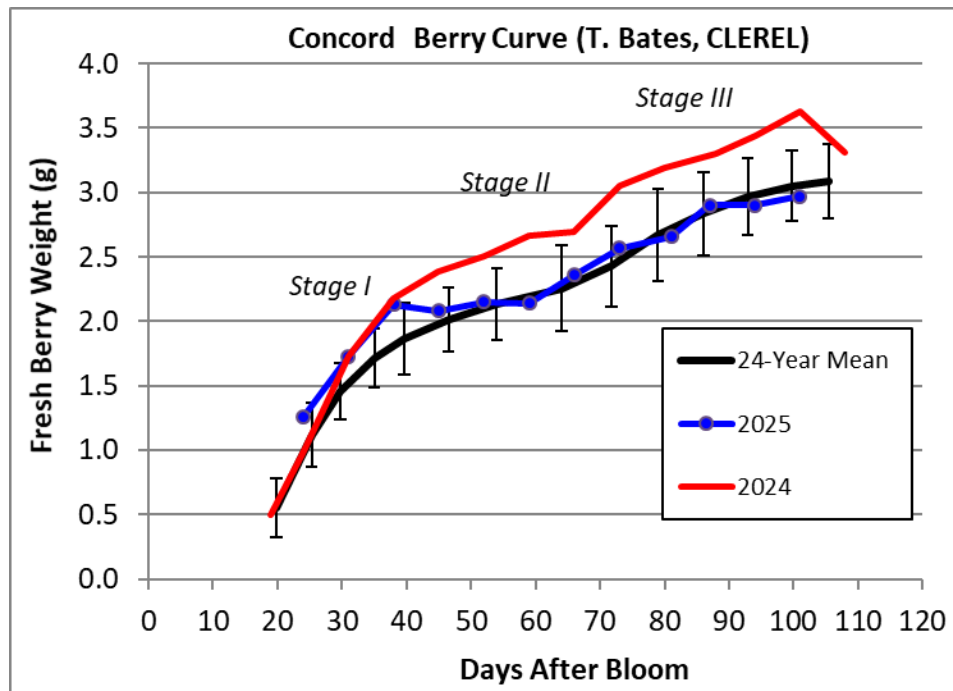


Figure 1. Dr. Terry Bates' Weekly Concord Berry Curve sampled on September 22, 2025.

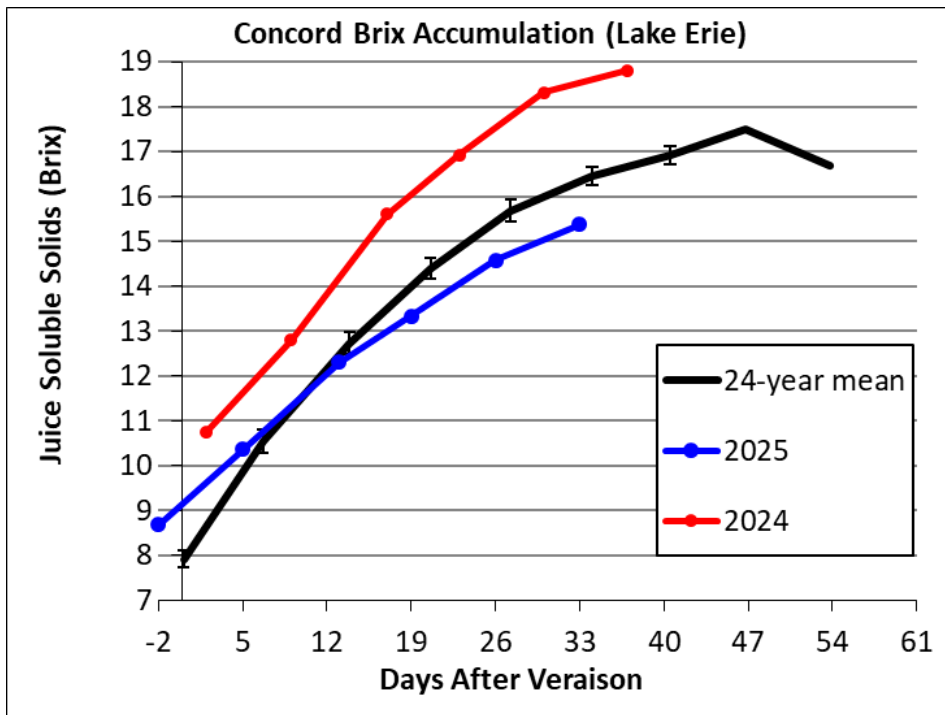


Figure 2. Dr. Terry Bates' Concord Brix Accumulation as of September 22, 2025.

We did receive some rain recently; however, we are still behind in rain during the cell expansion time, Stage III. The data in Table 1 below has the monthly precipitation values from 2015 through 2025; Cornell Lake Erie Research and Extension staff have been documenting this data since 1926. If you look at Table 2, I separated out the months when we have actual berries on the grapevines (June, July, August, and September). 2025 total precipitation for those four months is 6.69 inches. The closest year to that total is 2020 with 11.95 inches. That is 5.26 inches deficit for the four months when there are berries on the vine. I have been receiving reports from industry and grower stakeholders. Juice processors reported that they started Concords this week. They mentioned seeing wide range of sugar, also seeing the effects of the drought conditions as harvested yields are running below estimates adding that variation is very evident across different soil types and conditions. Another processor reported that what they're seeing come through the door is very good, clean, and ripe. The big problem for them is low juice yields and almost no free run juice in the bins, which makes pressing difficult. All bricks on delivered fruit have been in the 13's to as high as 18 1/2. Grower stakeholders have also reported that the berries 'seem dry'.

Date	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
January	2.99	1.73	4.53	2.68	3.64	2.51	3.03	3.03	4.75	3.75	1.75
February	3.12	3.50	2.43	2.93	2.30	2.45	1.04	3.94	2.72	0.90	2.55
March	2.05	3.27	2.61	3.39	2.43	3.14	0.91	1.90	3.69	2.26	2.73
April	3.62	1.33	3.98	3.14	3.64	2.80	3.01	3.22	3.02	5.73	9.72
May	3.00	1.56	4.89	3.25	2.99	5.03	2.10	3.89	1.76	2.78	4.07
June	5.44	1.41	4.26	3.91	5.36	1.87	2.91	1.42	3.34	4.11	2.80
July	8.85	1.84	0.81	4.16	2.44	4.98	9.84	3.51	5.55	3.64	2.00
August	2.53	4.72	4.77	4.03	3.30	3.01	2.38	4.20	3.71	5.52	1.07
September	3.62	5.70	4.06	4.75	3.72	2.09	5.53	6.29	2.23	2.59	0.82
Year Total	35.22	25.06	32.34	32.24	29.82	27.88	30.75	31.40	30.77	31.28	27.51

Table 1. Cornell Lake Erie Research and Extension Laboratory Historical Precipitation by Month from 2015-2025.

Date	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
June	5.44	1.41	4.26	3.91	5.36	1.87	2.91	1.42	3.34	4.11	2.80
July	8.85	1.84	0.81	4.16	2.44	4.98	9.84	3.51	5.55	3.64	2.00
August	2.53	4.72	4.77	4.03	3.30	3.01	2.38	4.20	3.71	5.52	1.07
September	3.62	5.70	4.06	4.75	3.72	2.09	5.53	6.29	2.23	2.59	0.82
	20.44	13.67	13.90	16.85	14.82	11.95	20.66	15.42	14.83	15.86	6.69

*Table 2. Cornell Lake Erie Research and Extension Laboratory Historical Precipitation by Month June, July, August, and September from 2015-2025.*

### Niagara County Grower Update

I have been reaching out to a different winery in Niagara County for our Veraison to Harvest updates for the region. This week our winery grower contributed, ‘Our take on the crop and growing season for 2025. After a wet, late start we have caught up and the fruit is looking very good for vinifera varieties here in Niagara. The sugars have been accumulating, acidity dropping as we approach harvest. After a dry summer the crop size is a little under earlier predictions, but the small berry size is indicative of a great vintage. Despite sugar accumulation, phenolic ripeness is still developing, and the grapes are holding well on the vine”.

### New York Wine & Grape Foundation Invites Industry Input to Shape 2026-27 Research Priorities

Published August 15, 2025

[Click Here for the Digital Article](#)



The New York Wine & Grape Foundation (NYWGF) is calling on grape growers, winemakers, and industry partners across the state to **help shape the future of research that drives innovation, sustainability, and competitiveness in New York’s wine and grape industry.**

Each year, NYWGF's Research Committee—comprised of members of our Board of Directors and informed by stakeholder feedback—identifies priority research themes that address the industry's most pressing challenges and emerging opportunities. **These priorities guide the selection of funded projects in viticulture, enology, business development, and other specialized areas. Your voice matters.** By sharing your perspective through our short survey, **you directly influence how NYWGF allocates research funding for the 2026-27 program year.** The resulting projects—whether they focus on vineyard sustainability, wine quality, pest management, or evolving consumer trends—are designed to deliver practical solutions and lasting impact for New York producers.

“Our Research Program only succeeds when it reflects the real-world needs of our growers and wineries,” said **Sam Filler, Executive Director of NYWGF**. “Industry input is critical to ensuring that we fund the most relevant, actionable, and forward-thinking projects. This is your opportunity to help determine where those investments are made.”

### **Proposed Priority Research Themes for FY26-27**

Key areas under consideration include:

- **Viticulture:** Innovative disease and pest management strategies, vineyard floor and weed management, mechanization, soil health, sustainable nutrient use, and performance evaluation of new cultivars and clones.
- **Enology:** Improving wine quality from hybrid and native grapes, sustainable winery operations, advanced wine microbiology, and efficient analytical methods.
- **Business Development:** Understanding Millennial and Gen Z wine preferences, leveraging technology to improve efficiency, and increasing consumer awareness of New York wine's diversity and quality.
- **Other:** New value-added grape products, including sustainable uses for grape processing byproducts.

A full list of proposed research themes is available below!

**Survey responses must be submitted by Tuesday, September 30, 2025. [Click here to share your feedback now](#) →**

Once finalized, the FY26-27 research priorities will be published in NYWGF's Request for Proposals, which will be released to the wine and grape research community in late December.

**[Click Here to Submit Your Research Priorities](#)**

### **Research Themes**

#### **VITICULTURE:**

- **Disease & Pest management, including Invasive species:** Develop effective, efficient and sustainable disease and pest management materials and techniques that minimize development of resistance and provide resilience to climate change. Develop management approaches to combat impact of invasive species, including but not limited to spotted-wing drosophila and spotted lanternfly.
- **Floor and weed management:** Develop and evaluate vineyard floor and weed management strategies to reduce energy and herbicide use.
- **Mechanization and precision agriculture:** Identify opportunities for vineyard management mechanization and application of precision agriculture technology with a particular emphasis on the development of labor-saving and affordable canopy management equipment.
- **Sustainability:** Develop and evaluate vineyard management strategies to efficiently utilize nutrient inputs and promote long-term soil health and water quality.
- **Grape cultivars and clones:** develop or evaluate the viticultural performance of grape

cultivars or clones suitable for the production of quality wine, juice, or bunch grapes in New York's diverse viticultural regions.

#### **ENOLOGY:**

- **Grape cultivars and clones:** Evaluate the potential of new grape cultivars and/or clones for quality wine production in New York's diverse wine growing regions.
- **Wine quality:** Develop and evaluate techniques and/or methods to improve the quality of wine made from interspecific hybrid and native grape cultivars.
- **Sustainability:** Develop and evaluate sustainable winemaking practices, including efficient wastewater management, energy reduction, and means of reaching carbon neutrality.
- **Wine microbiology:** Identify opportunities for improved wine quality or processing methods related to wine microbiology, including regional microbiomes, microbiological bioprotection, and fermentation nutrition.
- **Wine analysis:** Develop or improve the efficiency of wine analytical methods designed for use in production.

#### **BUSINESS DEVELOPMENT:**

- **Evolving Consumer Preferences:** Identify and research generational preferences of millennial, gen x and gen z consumers (authenticity, sustainability, and experiential marketing) and most effective ways for New York Wines to establish themselves with this key demo and build a relationship with them.
- **Technology Advances:** Evaluation of the best tools for wineries to streamline operations, enhance customer experience and gain a competitive edge in marketing, sales, compliance & operational efficiencies.
- **Customer acceptance:** Identify and test education and communication strategies to promote customer acceptance of wines made from cold hardy hybrid and native grape varieties.
- **Customer awareness:** Identify and test education and communication strategies to increase customer awareness of the diversity and quality of New York wines.

#### **OTHER:**

- **Non-fermented value-added grape products:** Identify or develop new value-added grape products that promote sustainability and/or human health, such as valorized waste from grape processing.
- **Newsletters:** Veraison to Harvest etc.

[Click Here to Submit Your Research Priorities](#)



# LARRY ROMANCE & SON, INC.

Parts - Sales - Service

*Come see us for all your Vineyard - Dairy - Construction & Consumers Needs*

SHERIDAN, NY • 2769 ROUTE 20  
(716) 679-3366 • tractorsales@netsync.net

ARCADE, NY • 543 W. MAIN ST.  
(585) 492-3810

[www.larryromanceandson.com](http://www.larryromanceandson.com)



**NORTH EAST FRUIT GROWERS**  
2297 KLOMP ROAD, NORTH EAST, PA 16428

814.725.3705

[nefruitgrowers.com](http://nefruitgrowers.com)

[nefruitgrowers@verizon.net](mailto:nefruitgrowers@verizon.net)

OPEN YEAR-ROUND MONDAY - FRIDAY 8AM - 5PM  
OPEN SATURDAYS APRIL- NOVEMBER 8AM - NOON

**BULK FERTILIZER  
BAGGED FERTILIZER  
CHEMICALS  
VINEYARD SUPPLIES  
ORCHARD SUPPLIES  
PRUNING SUPPLIES  
GLOVES & BOOTS  
POND PRODUCTS  
PRODUCE PACKAGING  
HOME OWNER SUPPLIES  
& SO MUCH MORE!**

**DRYSHOD**<sup>®</sup>  
WATERPROOF FOOTWEAR



ORIGINAL  
**LOWE**

**FELCO**<sup>®</sup>  
SWISS  MADE



**CORONA**<sup>®</sup>

SEASON AFTER SEASON

# Join the New York Wine & Grape Foundation!

Membership starts at just \$50 per year for Growers & \$300 for Wineries

*"The small investment in membership helps to provide funding for research that pays long lasting dividends that can't be denied. I've been a dues paying member from day one..."*

- Jim Joy, JM Joy Farms



Dawn and Bob Betts  
Betts Farm

2024 NYWGF Grower Award Recipient

**Boldly,  
NY.**  
newyorkwines.org

Visit [newyorkwines.org/membership](http://newyorkwines.org/membership) to learn more!



Designed to Increase Calcium Uptake



Worth its Weight

**CONTACT US:**

Laing-Gro Fertilizers, Eden, NY: (716) 992-3830  
Sam Tischler, Agronomy Manager: (716) 992-3830  
John Stierly, Field Rep Northwest, PA: (607) 333-0716

Scan Here for our Research & Solutions



[www.us.timacagro.com](http://www.us.timacagro.com)

## Clover Hill Sales LLC

10401 Sidehill Road, North East, PA 16428

**814-725-3102**

[sales@cloverhillsales.com](mailto:sales@cloverhillsales.com)

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



Harvester Parts and Belting  
Southern Yellow Pine Posts  
Tractor Tires & Tubes • And So Much More!

# PA Update

Megan Luke, Penn State Extension Viticulture and Tree Fruit Educator

**Reminder for Commercial Pesticide Applicators:** check your credits to be sure that you are in compliance before your renewal date: September 30th! Reach out if you need assistance finding classes to avoid the expiration of your license. I am happy to help you look up your information.

There are online options available for an upcharge if you are short on time, including on the Penn State Extension website and through private organizations such as [pested.com](http://pested.com).

For those considering a **Private Applicator License** in PA: after this year, the exams will no longer be open-book. If you are on the fence about testing, you may want to consider taking your exam while this advantage is still available. There are testing dates available in Meadville, PA, before the end of the year.

No updates on any pesticide labels or registrations at this time.

**Please join us for our Penn State Extension Open House**



Join us for light refreshments, networking, and a tour of our new office. It's a great chance to connect, collaborate and see where the magic happens!

In addition to viewing the office space, you'll have the opportunity to:

- Connect with Penn State Extension educators and staff
- Explore educational materials and resources
- Learn more about Extension programs and services available in your county

We look forward to welcoming you and seeing you there!

**Where:** 5240 Knowledge Parkway  
Erie, PA 16510

**When:** Tuesday, September 30<sup>th</sup> , from 3:00 pm-6:00 pm

## Spotted Lanternfly

So far, there have been NO new reports of adult SLF in Erie County, PA. The PDA and Penn State Extension are strongly encouraging any sightings to be reported. In the event of the discovery of an aggregation or established population in Erie County, the PDA will provide mitigation and eradication of the pest on your property to prevent it from spreading.

The LERGP team is currently in Hershey, PA, for a second year of SLF research. We look forward to sharing our findings with you in the future!

**If you see an adult SLF, catch and crush it, take a photo, report it, and contact a member of the LERGP team immediately!**



- **Pennsylvania Reporting:** 1-888-4BAD-FLY (1-888-422-3359) or <https://services.agriculture.pa.gov/SLFReport/>
- **New York Reporting:** Email a photo with your contact information and location to: [spotted-lanternfly@agriculture.ny.gov](mailto:spotted-lanternfly@agriculture.ny.gov) or report your findings [here](#)

**Additionally, if you or someone you know is traveling into a quarantine zone, be sure to check vehicles for adult SLF hitchhikers PRIOR to arrival in Erie County, PA, or Chautauqua County, NY. Encourage folks to go through a car wash on their way back to the area to reduce the likelihood of bringing in adult SLF.**

### Contact information:

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

Office: (814) 825-0900

Email: [MFL5873@psu.edu](mailto:MFL5873@psu.edu)

**NY FARMNET**  
Brightening the Future of Agriculture Since 1986

**Farmers | Farm Families | Agribusiness**

- Financial analysis
- Personal well-being
- Mental Health & Stress
- Retirement and estate planning
- Family business relationships
- Communication
- Business planning

**100% free, 100% confidential**  
**Call 1-800-547-3276**

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

# PROTECT YOUR CROP and your farm's bottom line.



Unpredictable weather like late frosts or summer hail storms can damage fruit crops. This can leave you with a total crop loss or damaged fruit you can't market.

Our Crop Growers specialists understand local weather and work with producers to develop a risk management plan that not only aligns with their risk tolerance but helps them meet their financial goals. When Mother Nature leaves a chilling effect across your region, we will make sure you're still standing after the thaw.

Our goal is to protect your investment.

**Find out why we're the first  
choice for crop insurance.**

800.234.7012 | [CropGrowers.com](http://CropGrowers.com)

CROP GROWERS IS AN EQUAL OPPORTUNITY PROVIDER

**Chautauqua County Farm Bureau®**  
is working hard to gain workforce  
options, retain necessary  
protectants, and ensure policy  
that benefits our growers



**Join Today!**  
[NYFB.org](http://NYFB.org) 800-342-4143

**YOU'RE GREAT AT FARMING.  
WE'RE GREAT AT INSURANCE.**



**BETTS**  
INSURANCE AGENCY

27 E MAIN STREET  
WESTFIELD, NY

716 269 4322



NATIONWIDE® AGRIBUSINESS  
**On Your Side®**  
Farm Certified Agency

# Updates and Information

Kimberly Knappenberger, Viticulture & IPM Extension Support Specialist, LERGP

## NEWA

Now that we have had a little rain we have been able to see that some of the weather stations have collected the usual debris in the rain buckets and needed to be cleaned out again. Both of the Portland stations at the lab, Forestville, and Ransomville were all recently cleaned out and should be collecting precipitation more accurately now. If you do happen to notice a station that doesn't seem correct, please let me know at [ksk76@cornell.edu](mailto:ksk76@cornell.edu).

We have a new addition to the North East Escarpment weather station – soil temperature and moisture sensors. These were installed last Wednesday, September, 17<sup>th</sup>. If you go to [newa.cornell.edu](http://newa.cornell.edu) and look at the Weather Data Query you can see the data. The moisture sensor measures in centibars and is reported in kilopascals on NEWA which is a 1:1 conversion. If the soil is very wet the numbers go low – for example when the sensor was installed we put a slurry of water and soil into the hole and the sensor read 0cb. As the soil dried out the numbers went up near 30 cb. The sensor will read 200 cb if the soil is very dry. You can see in this screen shot that the sensor was reading 24.6 kPa and then it started raining and the numbers dropped. The sensors are installed 4-6" deep, so as the rain water filters through the soil the water tension goes down.



Date (Local Time)	Air Temp (°F)	Precip (inches)	RH (%)	Leaf Wetness (minutes)	Solar Rad (Langleys)	Wind Spd (mph)	Wind Dir (degrees)	Soil Temp (°F)	Soil Tension (kPa)
09/22/2025 20:00	64.5	0	89	60	0	6.5	160	67.1	26.3
09/22/2025 21:00	64.2	0.01	90	4	0	7.1	158	66.7	25.3
09/22/2025 22:00	64	0	91	4	0	7	155	66.4	24.6
09/22/2025 23:00	63.9	0.01	91	0	0	6.3	166	66.2	23.2
09/23/2025 00:00	63.5	0.01	90	28	0	4.9	164	66	22.1
09/23/2025 01:00	62.9	0.02	90	44	0	6.2	156	65.7	21
09/23/2025 02:00	62.7	0	90	10	0	4.5	175	65.4	20
09/23/2025 03:00	62.6	0.01	91	50	0	1.4	270	65.3	18.6
09/23/2025 04:00	62.5	0.01	91	60	0	4.4	155	65.2	17.6
09/23/2025 05:00	62.3	0	91	60	0	5.1	162	65	16.5
09/23/2025 06:00	61.7	0.01	92	60	0	5.3	157	64.9	15.7
09/23/2025 07:00	62.6	0	91	60	0	5.2	155	64.7	15.2
09/23/2025 08:00	62.2	0	91	60	2	4.4	156	64.6	14.4
09/23/2025 09:00	63.4	0	90	3	13	4.6	157	64.5	14.4
09/23/2025 10:00	68.6	0	84	0	33	1.2	225	64.7	13.7



Now in our 40th year, we have a tradition of providing quality products, education and superior service to both farm and home growers. Our products and spray programs are tried and tested in our own vineyards, ensuring you have a solid program for your own vineyard. We deliver products, programs and services to our customers in an efficient and personal way to enhance their growth and profit opportunities for the long term.

**We are a proud dealer for -**



## PRODUCTS & SERVICES

- ☑ Herbicides, Fungicides & Insecticides
- ☑ Bulk & Bagged Fertilizer
- ☑ Soil and Petiole Testing
- ☑ Customized Pesticide and Fertilizer Programs
- ☑ Infaco, Felco and Bahco Shear and Lopper Repair
- ☑ Supplies for Trellis, Pruning, Tying and so much more!



Call us  
**716-679-1240**



Visit our website  
**[www.militellofarmsupply.com](http://www.militellofarmsupply.com)**



Our location  
**2929 Route 39, Forestville**

# 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>