FARM & HOMESTEAD

News



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WYOMING COUNTY FARM AND HOMESTEAD NEWS

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CCE WYOMING COUNTY

WELCOMES SUMMER INTERNS TO THE TEAM

My name is Sage Schroeder.

I am going into my senior year at Letchworth Central School. When I took my first agricultural class with Mrs. Wilcox, one of the most influential people in my life, I fell in love with the industry! Since then my entire life has been surrounded primarily upon agriculture and devoting my free time towards FFA.

I participate in Leadership Development Events (LDE's) which are contests that challenge your public speaking skills. My favorite one is Agricultural Issues, in which my team this past school year discussed the pros and cons to the renovations being made to the Bliss Wind Farm and then ended up winning 1st place for New York State allowing us to travel to Indianapolis this fall to compete with teams from across the US, making history for our school!

Outside of competitions I run two Supervised Agriculture Experiences (SAE's) at my school. The first SAE is an Elementary Agriculture Education experience planning fun engaging lessons for 2nd graders to provide them with some knowledge on agriculture. The second SAE is a Greenhouse Management experience in which I help my agricultural teacher to care for our plants and prepare for our annual plant sale.

Additionally, I am currently serving as the NYS FFA's District 9

President which encompasses several counties in Western New York, allowing me to serve others around me and gain leadership experience.

Outside of agriculture I am my Class of 2026 President, a 3 sport athlete, and a part of several clubs/groups at school such as Student Council, National Honor Society and Yearbook.



My name is Addison Ferron.

I am going into my junior year at Letchworth Central School.

I am a very active member in FFA and at the 2025 FFA State Convention my ag issuse team won first place allowing our team to continue on to nationals this fall. In ag issues we debate a topic relevant to agriculture in our area. This year we decided to debate the new wind turbines going up in Bliss.

I also serve as Wyoming County's Associate Dairy Ambassador for the 2025–2026 year, where I help promote dairy products and support local farmers at events throughout the county.

I enjoy staying active through sports like golf, swimming, and cheer. Each one challenges me in different ways and keeps me motivated and energized.

I have a strong interest in being involved in agriculture and actively participating in my community. I'm passionate about making a positive impact and look forward to how this internship can help me grow and achieve my goals.



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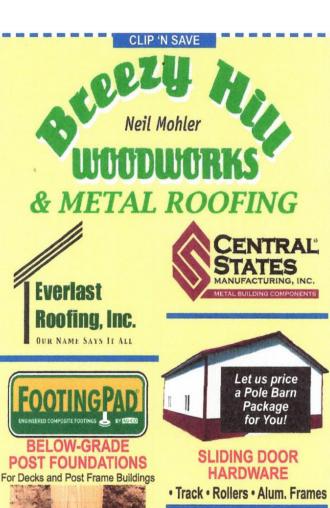


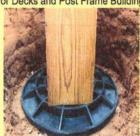
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WYOMING COUNTY MASTER GARDENER VOLUNTEERS IN THE COMMUNITY

BY: DONALD GASIEWICZ

ur May plant sale, summer garden tours, community projects and maintaining demonstration gardens have all kept our group very busy this year. Our May Garden Day Sale was a huge success, and customers are reporting good results so far with the plants they received. With this wet and humid summer, it's a good safety net to have a few late blight resistant tomato plants in your garden. Moist conditions

and wet foliage aids in late blight spread and establishment so it's a matter of time.



Members of the Master Gardener Program recently attended a tour and networking event with Genesee and Orleans County Master Gardeners at Draves Arboretum, in Darien Center, NY. A presentation from arboretum creator and owner Thomas Draves explained the multi-decade story behind Draves Arboretum, and what it took to receive a Level 3 ArbNet accreditation. Draves is one

of only thirty arboreta and botanical gardens worldwide to receive the level 3

accreditation out of the 4 levels available. A walking tour of Draves is well worth the visit if you are a tree or nature enthusiast. Toms advanced landscaping design knowledge and the unique tree species incorporated

into the landscape makes this a place to visit, in all 4 seasons. Master Gardener groups took time to share projects unique to their individual programs, garnering ideas to pursue in their home counties.

Besides helping lend a hand with CCE programs and workshops Master Gardeners are out helping with Wyoming County educational and beautification projects. Some highlights of this season are the Vegetable Variety Trial garden at the Warsaw YMCA and CCE office, 4-H judging of flowers and vegetables, and the extensive herb garden at the Wyoming County fairgrounds.

The group also just had an educational tour to learn about water gardening at the Bergen Water Gardens (photo below). You will find Wyoming County Master Gardeners while they volunteer time maintaining the CCE booth at the fair as well as at the Perry Farmers Market on August 16th. They will have an educational display as well be





COMMUNITY GARDENING IN

WYOMING COUNTY

by: Don Gasiewicz

Things are heating up in the Oatka Creek Community Garden. The plants included in the 2025 Cornell Garden Based Learning Vegetable Variety Trial (VVT) project are growing well in both the CCE Educational Garden and in the Oatka Creek EcoPark. The types of vegetables and herbs in our 2025 trial are often used in culturally significant recipes connected with the African Diaspora. The goal is to trial these unique varieties and provide feedback on their germination, growth, insect and disease pressure as well as taste. We are looking forward to tasting and cooking these crops into delicious foods for the community to enjoy at our VVT Open House on **August 21**. The open house will also feature a presentation on the VVT project, compare crops grown in the learning high tunnel to those grown outdoors in raised



beds, and feature a question and answer on all things gardening. Cornell Cooperative Extension Wyoming County





ACTIVITIES

- June 23, 10am: Guided Tour of Draves
 Arboretum and social/networking event
 with Genesee and Orleans County Master
 Gardener groups
- **July 8:** Perry Garden Club Presentation
- July 30: Guided Tour of The Bergen Water Gardens
- August 9-16: Master Gardeners at Wyoming County Fair
- August 16: Master Gardeners at the Perry Farmers Market
- **September 9:** CCE Perry Garden Club Presentation
- September Events (dates to be determined): Saving and Storing Seeds, Master Gardener Kim Chiemi's Garden Tour, Pressure Canning Meats and Vegetables



Are you interested in becoming a Master Gardener Volunteer?



Please reach out to **Don Gasiewicz** at **585 786-2251** or email **drg35@cornell.edu**



Oatka Creek Community Garden

Camp Hard Hat, the YMCA, and two Girl Scouts on a mission to obtain their Gold Awards, teamed up to create a rain harvesting butterfly roof shade pavilion, complete with two accessible picnic tables and a trail connecting the YMCA to our community garden.

Camp Hard Hat, which is organized by Executive Director of Wyoming County Business Education Council, Justin Dueppengiesser, has worked every summer for the past 11 years to teach teens ages



12-15 the skills needed to build a community needed structures throughout Western NY. The Girl Scouts worked through all the details from the project's



conception and development to purchasing the materials and building the picnic tables. We are excited for the pavilion to help us get water to all the plants in our garden and provide a place for rest, community, garden talks and lunch.

If you know of any community garden projects you would like to see us highlight, please let us know.



The purpose of the program is to promote increased use of locally grown fresh fruits and vegetables and support local farmers.

Coupons may only be used at authorized farmers' markets and farm

stands participating in the program. Coupons may only be used to buy locally grown fresh fruits and vegetables from participating farmers.

Each coupon booklet is worth \$25 and contains five (5) \$5.00 coupons

Eligibility requirements:

- · A New York State Resident
- · 60 years of age or older
- · Monthly income is at or below

\$2,413/ month for a one-person household \$3,261/ month for a two-person household

ALL eligible persons in a household may receive a booklet of coupons

Coupons will be available at the Office For the Aging, 8 Perry Avenue, Warsaw from 8:00am-4:00pm July 10, 2025 until September 30, 2025





HIGH TEMPERATURES AND VEGETABLES

by Steve Reiners, Horticulture/SIPS, Cornell

Near record breaking heat will have an impact on New York vegetable crops. In general, daytime temperatures that exceed 92F and nighttime temperatures above 72F can cause problems. The longer the heat lasts, the bigger the impact. Problems include.

<u>Pollination issues in cucurbits</u> - Heat favors male flower production over female flowers, resulting in fewer fruits, at least temporarily. It may also lead to drop of already set fruit. Bee flights/activity is reduced in hot weather which causes poor pollination and flower drop. In some cases, fruit will be distorted and crooked due to incomplete pollination. Cucumbers are especially sensitive to this disorder.

<u>Tomato/Pepper flower drop</u> - Flowers on these plants have a 48-hour window to pollinate. High

temperatures can cause pollen sterility and flower drop. You may not notice the impact until 5 to 6 weeks later when yields are suddenly reduced for a period that aligns with the length of the heat wave.



Credit: The Spruce / Adrienne Legault

Sweet corn yields - Although a heat loving crop, daytime temps over 95F can result in poor tip fill, missing kernels, smaller ears, and reduced yield. Snap bean flower drop - Beans respond by dropping flowers. As soon as temperatures cool down, flowers will develop normally. Unfortunately, this may result in a split set, where some flowers set before the heat and others after. This is a big problem for one-time mechanical harvest.

Potato crinkle and heat sprouts – Distorted, yellow leaves often look like herbicide damage as chlorophyll is reduced. High soil temps can pause tuber development. Once growth resumes, rather than continued tuber expansion, tubers may sprout, producing above ground stems or chain tubers.

Poor color development – Although a little early for ripe field grown tomatoes, high tunnel growers may experience less red and more orange colored fruit. Some varieties may show more 'yellow shoulders. Carrots and beets will also have duller colors.

<u>Reduced sweetness</u> - High temperatures increase respiration in plants, burning off accumulated sugars. This can result in bland tasting melons, sweet corn,

and other crops. Radishes will develop a spicy flavor. Premature flowering in greens – Spinach and lettuce will quickly bolt and develop bitter flavors prior to seeing the flower stalk.

<u>Sunscald</u> – Usually a problem with late season heat waves when loss of foliage is more prevalent, but any fruit exposed to direct sunlight can experience bleaching and browning of the exposed parts.

The most important thing to do during a heat wave is maintain an effective irrigation



This tomato shows classic sunscald. Photo credit: Flickr

schedule. Unmulched fields can lose more than 5,000 gallons of water per day through evapotranspiration. Water stressed plants will close their leaf pores (stomata) and go in to survival mode, resulting in reduced yield and quality. If using overhead watering, try to irrigate first thing in the morning as evening or night irrigation can increase plant disease.

According to https://usablight.org/ Late Blight was confirmed in Cattaraugus County on July 18th and in Wyoming County on July 23

- Now is a good time to apply preventative copper fungicides. Chlorothalonil is the most effective conventional fungicide ingredient available to home gardeners. Before using any fungicide, read entire label and understand the safety information.
- Complete late blight management information can be found here https:// usablight.org/wp-content/uploads/2018/10/ Trifold_late_blight.pdf
- Both homeowner and commercial growers who suspect late blight, can bring samples to CCE Wyoming 36 Center St. Suite B. 14569 for confirmation, as well as access the office copy of the 2025 Cornell Integrated Crop and Pest Management Guidelines for Commercial Vegetable Production, for fungicide recommendations, and other late blight resources

THE MAPLE REPORT

MAPLE CONFECTIONS WORKSHOP - A SWEET SUCCESS

CCE Wyoming and Merle Maple teamed up to hold



a successful Handson Maple Confection Workshop demonstrating techniques, procedures, and equipment used in making Maple Sugar Candies. As always, the team at Merle Maple opened the doors of their facility to CCE Wyoming and 28 fellow

maple producers. Lyle and Dottie make my job very easy, as this isn't their first time hosting an event like this. It shows with their all-hands-on deck attitude, organization and hospitality.

Over the years Merle Maple has brought huge innovations to Wyoming County and New York State Maple, by teaming up with the Cornell Maple Program, participating in research projects and maple product development. This was evident by the vast amount of value-added maple products available for sampling. From maple candy to mustard, bbq sauce, salad dressing, maple water, and everything in between, it can be made with maple and marketed.

It's not just about the products for Merle's though, it's about sharing their knowledge with fellow producers. The hands-on educational model at a facility like theirs provides an invaluable resource to anyone who wants to learn. Seeing a process from beginning to end and participating in the steps, using different equipment, and getting pointers, can potentially help a producer get started, help smooth out inefficiencies for struggling producers, or even help provide insights on future maple equipment investments.

Lyle made filing the candy molds from the Sunrise sugar/cream machine look quite simple. Participants were able to sit down and give the machine a try. When my turn came, I quickly realized there's a

lot of technique involved in making the candy visually appealing, all while managing the speed and movement of the molds, as they fill. I was most impressed by the method developed to remove the candy from the molds and system to make them uniform. This system of "filing" the candy helps with quality control and increases yields by utilizing the excess sugar, in the next batch of candy.

Thank you again to Lyle and Dottie Merle, Eileen Downs, Greg Zimpfer, and the rest of the Merle team who made this event a huge success.



Cornell Maple Camp

Arnot Forest, Van Etten, NY September 14 – 17

The Cornell Maple Program is pleased to announce the return of Cornell Maple Camp on September 14th through 17th at the Arnot Maple Lab and Research Sugarbush in Van Etten, NY. This comprehensive, immersive, and interactive training program is designed to provide beginners with all the skills and knowledge needed to produce and sell maple syrup. The course will be led by Cornell maple specialists in a working sugarbush with opportunities for participants to tap trees, install tubing, operate evaporators, and grade and bottle syrup. Training sessions will conclude in the early evening to allow participants time to explore the many wineries, restaurants, and cultural events available in the Finger Lakes region. Registration is limited to create a more personalized training. Sign up before all the spots fill.

The registration fee is \$250 and includes morning coffee and snacks, lunches, and a networking dinner on Tuesday night. Participants are responsible for their own transportation and lodging. For more information, click the registration link below or contact Aaron Wightman at arw6@cornell.edu.









ACTIVITIES

- August 9-16: Wyoming County Maple
 Producers at the Wyoming County Fair –
 Commercial Building
- Aug 20-Sept 1: Maple Producers at the New York State Fair
- September 4-7: Wyoming County Maple Producers at the 58th Annual Gas and Steam Engine Rally- 1294 Gillate Rd. Alexander NY 14005
- **September 27:** Game of Logging Chainsaw Safety- Level 2- Merle Maple
- October 23: Hands on Maple Tubing with Cornell Maple Specialist Aaron Wightman and Gordon Putman – Gainesville, NY
- Late Fall/Winter Date TBD: Marketing and Labeling Regulations- NYS Department of Agriculture and Markets.



Questions can be emailed to: **WyomingAginfo@cornell.edu**

Cornell Cooperative Extension Wyoming County

Agriculture



BEEKEEPER CLUB

ACTIVITIES

CLUB EVENTS OCCUR THE THIRD TUESDAY OF EACH MONTH

- Tues., July 22: 5:00-6:30 PM ET Mite Control
- Tues., Aug. 5*: 5:00-6:30 PM ET Honey Production & Fair Prep
- Tues., Sept 16: 5:00–6:30 PM ET– Winterizing Hives
- Wed., Oct. 15: 4:00-5:30 PM ET CCE
 Wyoming County and Farm Bureau Annual
 Meeting
- Tues., Nov. 18: 5:00-7:00 PM ET –
 Beekeeping Products & Art

*Note that this meeting is first Tuesday of August

Free to Join Anytime by the Public!

Register for the club here:

https://reg.cce.cornell.edu/beekeeper-WYCO-2025_256

Unless otherwise mentioned, events are at Wyoming County Ag & Business Center
36 Center Street, Warsaw, Learning Center Room 1

In addition to signing up for the club (no requirements):

Register for individual events by emailing WyomingAginfo@cornell.edu.



Beekeeper Meeting Recap and Upcoming Events –Photo Contest, Fair Booth, and More!

Thank you to everyone who attended our recent meeting.

Beekeeping Booth at the Fair – Volunteer Sign-Up

The club is inviting volunteers to help staff our beekeeping booth at the Wyoming County Fair in the People's Building. Interested participants should email ceg256@cornell.edu with their preferred date and time.

The booth will be set up on Friday, August 8 at 2:00 PM Eastern Time. Scheduled shifts will run from Saturday, August 9 to Saturday, August 16 and are divided into three intervals (Volunteers get free parking for the day):

- 11:00 AM 2:00 PM ET
- 2:00 PM 5:00 PM ET
- 5:00 PM 8:00 PM ET

Whether you're available for a single shift or multiple, your support helps engage the public and highlight the importance of pollinators and sustainable beekeeping.

Events and Reminders

- FAIR ENTRY PREP Tuesday, August 5, 5–6:30PM: Learn how to best prepare your honey or maple products for fair submission by attending the beekeeper club meeting. Dr. Eric Randall will speak about best practices. Join us at 36 Center Street, Suite B, Warsaw, NY 14569 in LC1.
- FAIR SUBMISSIONS Saturday, August 9, 9:00 AM to 2:00 PM: Submit your honey to the fair! Check out Department J in the fair book for full entry details. Bring your honey entries to the People's Building.
- <u>BEE EXPÉRT</u> Monday, September 16, 5–6:30PM: Randall Paul Cass from Cornell University will present on Integrated Pest Management strategies for Varroa mites. If interested, you can reach Dr. Cass at rpc234@ cornell.edu. Additional resources are available at *cals*. *cornell.edu/pollinator-network*.
- <u>ANNUAL MEETING</u> Tuesday, October 15: Join us for our annual meeting in Brooksholm, located in Wyoming County. More details will be shared at upcoming club events.

Bee Supplies, Nucs, and Equipment

Beekeepers discussed local sources for bees, nucs, and queens were recommended, including Hungry Bear, a supplier nestled near Canandaigua Lake. Merrimack Valley Apiaries has a pick-up in East Otto as well. Bees are generally available starting in May, although queens can be harder to find early in the season. For those looking to expand or start new colonies, the North American Honeybee Expo, January 2–4, 2025, in Louisville, Kentucky, is a valuable event for connecting with suppliers and finding bulk deals.

In terms of equipment, Masterson's in East Aurora, NY is known for high quality, and Mann Lake Bee & Ag Supply in Hackensack, Minnesota, is a leading supplier offering a comprehensive range of beekeeping products, including hive kits, protective clothing, and honey extraction equipment. Locally, some suppliers from the Wyoming County Amish community may begin offering beekeeping equipment within the next year. Dependable online options include thebfarm.com and beecountry.net.

Additionally, several beekeepers are interested in group orders for jars to save on costs. If you'd like to join, come to the next beekeeper meeting to help organize this effort.

Mite Monitoring and Treatment

Effective mite control is critical for colony health. Among the various monitoring methods, the alcohol wash is regarded as the most accurate. Some beekeepers also use powdered sugar shakes or dish soap techniques as alternatives. These methods typically involve using a screened container and a cup of bees to separate and count mites.

For a comprehensive guide on Varroa mite monitoring

methods, symptoms, and management—including helpful diagrams and photos to aid in mite identification and assessment—please refer to the following resources:

- Cornell Varroa Monitoring Factsheet: https://cornell.box. com/v/varroa-monitoringfactsheet
- Cornell Varroa IPM Guide: https://cornell.app.box. com/v/varroa-ipm-guide



This resource includes helpful diagrams and photos to aid in mite identification and assessment.

Insert picture from the factsheet here.

Community Projects and Educational Opportunities

We are excited to announce a Beekeeping Photo and Video Contest. Entries should highlight educational or visually appealing aspects of beekeeping—such as swarms, bearding, spring brood effects, or hygienic behaviors like uncapping or brood removal. All submissions must be received by Monday, August 15th. Entries will be displayed on-screen at the beekeeping booth at the fair to share your work with attendees and fellow beekeepers.

Club members also discussed the possibility of collaborating with BOCES on a bee box building project. One idea is to have BOCES woodworking students construct a full-scale hive house, potentially as a fall or winter event. Another option could involve FFA programs building bee boxes for new club members, helping to support both education and community engagement.

If you have any questions or need assistance with supplies, mite treatment planning, or other beekeeping concerns, feel free to reach out. We hope to see you at the next meeting and encourage participation at the fair booth!

LOOKING FOR YOUR FAIR EXHIBIT!

By Hans Kunze

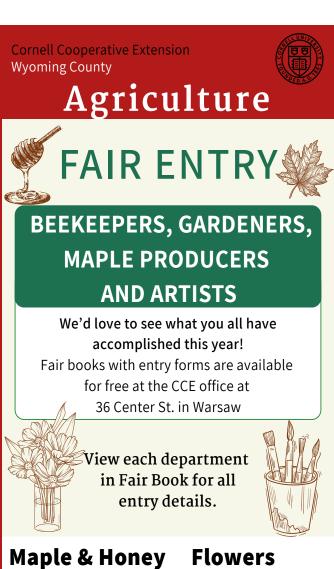
Can you believe it -- that the Wyoming County Fair in Pike, NY is just about here again? It's a sure sign of summer's fast progression. The Fair is such a great annual event where thousands of people from all over Western NYS come together to enjoy the Fair's multitude of offerings for all ages - whether you are an exhibitor, a participant, a volunteer, or simply a visitor. This is the time to remind Wyoming County residents and adjoining townships bordering Wyoming County that the Fair is happy to receive entries for most home arts, farm products, vegetables, flowers, photos, antiques and much more! 4-H clubs and livestock exhibitors generally have made their arrangements well in advance.

I'm in charge of the **Department J** which is farm products which includes vegetables, fruit, berries, field corn, grains, soybeans, silage, hay, honey, maple, wine, and more. Given the wet and late spring that we have experienced this year, and the fact the Fair start date is a bit early this year, it is likely that there will be fewer entries this year. This message is to encourage you to enter your items from your farms and gardens – even if you think they may not be worthy! If you have never exhibited consider giving it a try! It's a fun thing to do.

Entries are due on opening day of the Fair which is Saturday August 9 by 2 pm in the yellow building (not to be confused with 4-H entries which are separate in the 4-H building.) If you have the 2025 Fair Book -- Department J begins on page 83 so please be sure to read the rules thoroughly! You can also go online to WyomingCountyFair.org for information or you can call the Cornell Cooperative Extension office at 585-786-2251 with questions or for a Fair book as long as they still have copies available.

Department K is flowers, **Department G** is home arts, and **Department R** is antiques. Please read all the details and rules! There are many more ways to be involved in the fair as well. Again, a review of the many happenings and events at the fair could make you aware of something that you would like to see or be involved in! So many people are not aware of all that happens at the Fair! Even if you aren't exhibiting or competing at the fair, there is so much to see and do! There's lots of great food and you are sure to see many friends there! Even if you are not involved this year, go to the fair to see what you might like to be involved in next year!

If you haven't heard, the Wyoming County Fair is considered one of the best county fairs in NYSprobably the country! We can be very proud of it and thankful to have it so near by! The only fee to get in is a parking fee but no admission fee per person – a real bargain! See you at the fair!



Dept J- pages 83-92

Dept K-pages 93-99

Photography, **Arts & Crafts**

Dept G-pages 20-29

Fruit & **Vegetables**

Dept J- pages 83-92

ENTER YOUR EXHIBITS

on Opening Saturday, 8/9/25, from 9:00 AM - 2:00 PM

WYOMING **COUNTY FAIR**

AUG 9-16, 2025

You There!

See

Outdoor Mushroom Farming Workshop Draws Big Crowd!

Don Gasiewicz, Wyoming County CCE Ag Program Manager, Connor Youngerman, Cornell Small Farms Program Mushroom Production and Agroforestry Specialist, along with other New York State Mushroom Educators hosted an engaging workshop on outdoor shiitake mushroom cultivation. Current and aspiring mushroom growers received valuable insight



into growing shiitake mushrooms as a profitable crop.

Many previous workshops have focused on the inoculation (planting) shiitake into logs. The goal of this workshop is to educate producers and gain a comprehensive understanding of how to turn this exciting agricultural opportunity into a profitable venture. The site or "laying yard" where mushroom logs incubate, are actively fruited and harvested, have some key characteristics to improve production and quality. Laying yard design is also a critical step to maximizing your efficiency and flow of operation within. It's difficult to envision production ideas and systems without seeing and participating, firsthand. Participants actively engaged in soaking, fruiting, and harvesting shiitake mushrooms, allowing them to apply these techniques in their own mushroom laying yard.

Over the years of producing mushrooms, I have learned some valuable lessons that can save a lot



of time and energy, decrease frustrations, and ultimately increase profits. As with growing any crop it's important to realize these little tricks and tips sometimes take a lot of time to figure out. With an emerging crop like mushrooms, workshops like this can help new and existing growers reach their production goals with a bit of a head start. One example is simply harvesting shiitake at the correct stage. If left to grow excessively long, insects, lured by spore production, can destroy many mushrooms. These overgrown mushrooms may be bigger but have decreased marketability due to imperfections and decreased shelf-life.



With any crop, especially a newer one, there are always regulatory concerns regarding producing and marketing a safe product. The current work being done by Cornell Small Farms, the Cornell Vegetable team, and CCE educators, on the efforts to



create resources for mushroom growers was a major topic of interest. These groups are working with the New York State Department of Agriculture and Markets to create guidance documents for mushroom producers.

Discussion also included post-harvest handling, food safety, and marketing of mushrooms

and mushroom products. Mushroom production relies on specific small pole-sized trees harvested for inoculation. We were also able to highlight the reasoning behind selecting these trees as part of forest stewardship and improvement.





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www.reisdorfbros.com

In the month of June, the Statistical Uniform Price less PPD at average pool component levels was \$21.28 in FMMO # 1. This was a slight increase from the month prior, with component prices per pound increasing for butterfat and protein, and falling slightly for other solids.

Fluid milk utilization of pooled milk in FMMO # 1 trended down from the month prior for all classes except Class II. According to the Market Administrator, Class II utilization was the highest it has been since FMMO # 1 was formed. Class II products including yogurt, cottage cheese, and ice cream saw year over year growth in fluid milk

Dairy Market Watch JUNE 2025 Northeast FMMO #1



utilization. Cheese utilization was also up 4.4% year over year.

See figures 1-4

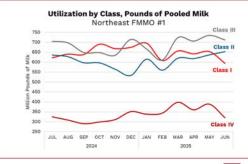


Figure 1

Dairy Market Watch JUNE 2025 Northeast FMMO #1

PRO-DAIRY's Dairy Market Watch provides monthly information and analysis of Northeast dairy market trends





All data is sourced from USDA Agricultural Marketing Service

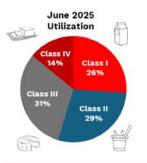


Dairy Market Watch

JUNE 2025 Northeast FMMO #1 PRO-DAIRY's Dairy Market Watch provides monthly information and analysis of Northeast dairy market trends.



Figure 2



ı	Fluid milk products, cultured or flavored milk drinks, eggnog	
11	Yogurt, ice cream, soft products, sour cream, bakery products, cottage cheese, frozen desserts	
ш	Cheese (other than cottage), condensed milk	
ıv	Butter, dried milk products	

prodairy.cals.cornell.edu | Lainey Koval, hlk65@cornell.edu

RODAIRY

Dairy Market Watch

JUNE 2025 Northeast FMMO #1 PRO-DAIRY's Dairy Market Watch provides monthly information and analysis of Northeast dairy market trends







All data is sourced from USDA Agricultural Marketing Service prodairy.cals.cornell.edu | Lainey Koval, hlk65@cornell.edu

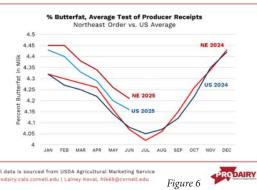
Heading into the summer months, percent butterfat and protein in milk continued to trend down in June. Northeast FMMO #1 milk receipts averaged 4.21% butterfat, which was higher than the US average of 4.16% in June. Percent protein averaged 3.19% in the NE order, which was lower than the US average of 3.25%. Components levels in milk continue to experience year over year growth.

See figures 6 & 7 below

Dairy Market Watch

JUNE 2025 Northeast FMMO #1 PRO-DAIRY's Dairy Market Watch provides monthly information and analysis of Northeast dairy market trends





Dairy Market Watch JUNE 2025 Northeast FMMO #1

PRO-DAIRY's Dairy Market Watch provides monthly information and analysis of Northeast dairy market trends.



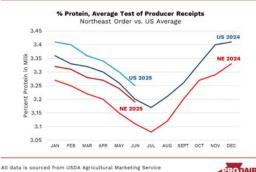


Figure 7



All information and graphs provided by Lainey Kovel, Extension Support Specialist with PRO-DAIRY

Dairy Farm Modeling Tool Boosts Sustainability, Decision-making

By Krisy Gashler College of Agriculture and Life Sciences (Abbreviated CALS)

A new free modeling tool is enabling researchers, farmers and food processors to assess how changes in the ways a dairy farm is managed would influence its environmental impact, energy use and economics. The Ruminant Farm Systems (RuFaS) modeling tool, developed by Cornell researchers and collaborators across academia, industry, government and nonprofits, is available at no cost for open-source collaboration.

Cornell researchers worked with collaborators to integrate Cornell and other dairy farm research on factors like animal feed, crop growth and milk production. The model predicts outcomes such as production costs, resource use and greenhouse gas emissions.

The model synthesizes a vast array of factors and can accommodate additions of new research from multiple collaborators, said Daryl Nydam, professor of dairy health and production in CVM.

"If you're trying to make a decision about feeding cows, or the reproduction cycle or the nutrient cycle, you can run those decisions through this model and try it there, without mucking up the farm," Nydam said.

For example, the model could be used to assess manure and fertilizer management, said Elle Andreen, model support specialist with PRO-DAIRY, a Cornell extension and applied research program (CALS).

"RuFaS uses the information from your farm to represent your animals, your manure system, your field and crops, and your feed storage, as closely to reality as possible," Andreen said. "And then it allows you to change any of that information to understand what would happen if something were different. RuFaS is so multifaceted, farmers and researchers can use it in many ways to support their needs."

Farmers are already using the model across the country. The National Milk Producers Federation and Dairy Management, Inc. (DMI) has adopted it as the model for its environmental stewardship assessments program, the National Dairy Farmers Assuring Responsible Management (FARM). Since October 2024, 215 farms across 20 states have used RuFaS via the FARM interface, ranging from 30-cow to 14,000cow operations, she said. The code underlying RuFaS is now available, open-source, for other researchers

and organizations to build upon.

Previous models were more limited in scope, or based on older coding technologies, which hampered collaboration and the addition of new information, Reed said. Developing such an intricate and multifaceted model has taken almost eight years, public and private funding support and close collaboration between more than 20 organizations, institutions and companies.





Farm Storage Facility Loans (FSFL) provide low interest financing to build or upgrade storage facilities, & to purchase portable (new or used) structures, equipment, and storage & handling trucks for eligible commodities produced.

This includes the following:

· Acquire, construct or upgrade new or used, portable or permanently affixed, on-farm storage and handling facilities; Acquire new or used storage and handling trucks; and · Acquire portable or permanently affixed storage and handling equipment

Milk Bulk Tanks & Silos

Hay Storage Grain Bins (New or Used) Silage Bunks (New Build or Renovation) Refrigeration Space for Milk, Cheese, Yogurt and Butter

Ineligible Equipment: pulsators, parlor equipment, robotic milkers, pasteurizers

Examples of Eligible Structures: Examples of Eligible Equipment:

Grain & Silage Trucks Bale Wrappers Bottling Systems for Milk Forklifts & Skid Steer Loaders **Grain Dryers** Dump Carts Hay Wagons Weight Scales







· Eligible storage structures and handling equipment, having a useful life for the entire term of the loan, may be permanently affixed or portable. • Facilities built for commercial purposes and not for the sole use of the borrower(s) are not eligible for financing.

ENVIRONMENTAL EVALUATION REQUIREMENTS

FSFL loans must be approved by the local FSA state or county committee before any site preparation and/or construction can be started. All loan requests are subject to an environmental evaluation. Accepting delivery of equipment, starting any site preparation or construction before loan approval may impede the successful completion of an environmental evaluation and may adversely affect loan eligibility.

USDA is an equal opportunity provider, employer and lender.

DHIA REPORTS

MAY 2025



""COVISTA HOLSTEINS"", 33129, 1459, 4.4, 1084, 3.3 ""PINGREY, DONALD"", 29325, 1309, 4.5, 990, 3.4

""ARMSON FARMS"", 29600, 1353, 4.6, 969, 3.3

""SILVER HAVEN FARMS "" , 27596, 1240, 4.5, 934 , 3.4 $\,$

""FARYNA, WALTER"", 28660, 1170, 4.1, 916, 3.2

""BOLDER DAIRY BECKER FARM"", 27405, 1338, 4.9, 868,

3.2 ""PINGREY DAIRY FARM LLC "", 25782, 1117, 4.3, 832, 3.2 ""RUDGERS REGISTERED JERSE"", 22176, 1141, 5.1, 826, 3.7

""SANDIMEADOWS DAIRY LLC."", 23078, 1008, 4.4, 781, 3.4

""CHAMBERLAIN, DAVE & GREG"", 19929, 1095, 5.5, 737, 3.7 ""SALTY ACRES FARM LLC"", 22021, 945, 4.3, 715, 3.2

""LEX NICKERSON"", 18921, 833, 4.4, 635, 3.4

JUNE 2025

File for Wyoming County NY June 2025

Name, Milk, Fat, Fat%, Protein, Prot%

""COVISTA HOLSTEINS"", 33035, 1452, 4.4, 1081, 3.3

""PINGREY, DONALD"", 29235, 1313, 4.5, 989, 3.4

""ARMSON FARMS"", 29622, 1354, 4.6, 972, 3.3

""FARYNA, WALTER"", 28757, 1178, 4.1, 923, 3.2

""BOLDER DAIRY BECKER FARM"", 27481, 1336, 4.9, 871, 3.2

""PINGREY DAIRY FARM LLC"", 26026, 1129, 4.3, 843, 3.2

""RUDGERS REGISTERED JERSE"", 22176, 1141, 5.1, 826, 3.7

""SANDIMEADOWS DAIRY LLC."", 22910, 1001, 4.4, 775, 3.4

""CHAMBERLAIN, DAVE & GREG"", 19950, 1096, 5.5, 740, 3.7

""SALTY ACRES FARM LLC"", 21813, 945, 4.3, 714, 3.3

""LEX NICKERSON"", 18872, 833, 4.4, 636, 3.4



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CJ agribusiness Report

News and Information for Your Ears

5:00-6:00 a.m. Monday thru Saturday

- . On the Farm with Jeff Ishee
- Farm To Fork with Daryl Anderson
- . Dairy Radio Now with Bill Baker
- Ag Radio Net Farm News with Tom Cassidy & Tim Slusarczyk
- Chicago Grain Breakdown with Michael Howlett
- Farm Progress America with Max Armstrong
- American Cattle Report with Tony St. James
- American Countryside with Andrew McCrae
- USDA Reports with Gary Crawford
- John Block's Report from Washington
- The latest CJ Country Weather Track Forecast

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Cornell Cooperative Extension

Northwest NY Dairy, Livestock and Field Crops Program

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Field Crops & Soil Health jll347@cornell.edu • 585-689-3423

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Administrative Assistant ak2367@cornell.edu • 585-343-3040 x138

PASTURE WALK

C&H Farms of WNY

6577 Mann Rd Akron, NY 14001

Aug 26, 2025 6:00-8:00 PM



C&H Farms is new to grazing and has started with 10 beef cows on almost 15 acres of pasture. Their plan is to expand to 30 cows and add an additional 15-20 acres of pasture. The farm has started using hot, plastic fencing that the landowner is very happy with. Come out to view, discuss, and learn what is working and what needs some adjusting.

https://nwnyteam.cce.cornell.edu/event.php?id=2618



Niagara County Soil & Water Pasture Walk

FEOR FARMS

Randall Rd, Ransomville
October 23rd
5:00-7:00 PM

Feor Farms is experienced at grazing beef, handling up to 36 animals on pasture. The landowner has had issued with animals damaging pasture during the sometimes wet and muddy fall season. Feor Farms is currently working with Niagara County SWCD on an AEM BMP grant project to construct a heavy-use feeding area for round bales, along with a manure management system along the current fencing to keep the cows away from Twelvemile Creek.

Come watch as Feors put their animals on the system for the first time and discuss the hows and whys of the project. Also learn more about possible AEM BMP grant opportunities.

For more information or to sign up
Please contact the Niagara County Soil & Water
Conservation District office at 716-434-4949 ext 4



Armyworm (Mythimna unipuncta) Adapted from sources below

Native to North America, the armyworm can be found east of the Rocky Mountains, reaching northward into southern Canada. Armyworms get their name from their behavior of moving across fields in an army-like fashion. As larvae consume available food sources, they migrate as an army to new host plants. Though they feed primarily on grasses (oats, wheat, fall rye, corn, barley, and forage grasses), they can be a pest of some vegetables (bean, cabbage, carrot, onion, pea, pepper, radish and sweet potato).

Few armyworms overwinter in northern states. Most armyworm moths migrate north from the southern states in April and May. During the day, moths remain hidden in grassy vegetation. Armyworms are occasionally a problem in corn, especially in weedy fields, in fields near severely infested small grain, and in no-tillage corn established in grain stubble or on grassy land.

Armyworm moths arrive in the spring storms from their southern overwintering locations. While there are more than one generation per season of armyworms once they arrive, it is the first generation which causes economic losses in N.Y. Check fields regularly for ragged holes chewed from the leaf margins and pelletlike droppings (frass) in the whorls and scattered on the ground. The larvae will be found in the leaf whorls or at the surface of the soil.

For whorl-stage corn, apply an insecticide only if most plants show damage and about three larvae per plant

are found. Tall corn will seldom need to be treated unless the leaves above the ear are also damaged. Only the infested portion of the field and a 20to 40-foot border around it need be treated. A border 20 to 40 feet wide treated with insecticide will prevent armyworms from invading from an adjacent infested field. Because the larvae are active at night, apply treatments late in the day.

General clostridium growth in haylage is common to high protein legumes when put up too wet (<30% DM) and where the pH does not drop to 5.0 or lower. Haylage put up in air tight bags or upright silos at 40% DM or greater has less risk of this abnormal bacterial growth even though the pH does not drop to an ideal level. Mark any baleage or AgBags that might have

caterpillar contaminated haycrop included and check it before feed out. If you have layered a bunker silo with contaminated material, it will be more difficult to assess what you have. The amount of dangerous

bacteria needed to cause health problems can be very small. That is known. How much risk is there for them to be present is the big question.

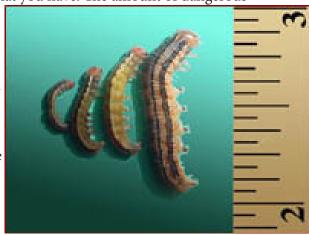


Figure 1. Armyworm Larvae. UofIllinois

More Information:

Armyworm, Cornell University - https://cals.cornell. edu/field-crops/corn/insects-of-corn/armyworms Handbook of Corn Insects, Entomological

Society of America (sample pages) - https:// my.apsnet.org/APSStore/Product-Detail. aspx?WebsiteKey=2661527A-8D44-496C-A730-8ĈFEB6239BE7&iProductCode=22760

The Common Question – Armyworms and Animal Health | Cornell Field Crops News



Allium Leafminor in Wyoming County

Since the fall of 2023 Allium leafminor (ALM) has spread across the Northeast and is now firmly established in Western New York. ALM has two generations per year. The first occurs in early spring, the second in fall. It is inactive during summer, from mid-June through early September. ALM overwinters as pupae in soil or crop debris. Spring adults emerge in mid-April and remain active through late May. After mating, females begin laying eggs about 10–14 days after emergence. Larvae hatch, mine leaves, and pupate in the plant or soil. Fall adults emerge in early September and lay eggs through late October. Larvae feed into December, then pupate and overwinter until the next spring.

ALM only targets Allium crops such as leeks, scallions, onions, shallots, garlic, chives, and wild alliums. It causes the most damage to fall-grown leeks and scallions. Leaf mining from larvae can render leaves unmarketable and allow bacterial rot to enter. Larvae and pupae can also contaminate marketable portions of the plant. Garlic and direct-seeded onions are much less affected. Occasionally, pupae may be found inside garlic bulb wrappers or between onion scales, but serious market losses from this are rare. Scallions may show distorted growth, and early-planted onions can suffer leaf splitting, but these issues are typically minor. The most critical time to protect Allium crops is during ALM's egg-laying windows in spring and fall. In summary, growers should be proactive and protect their Allium crops during the spring and fall egg-laying periods. Crop covers and well-timed insecticides remain the most effective tools, with cultural practices offering additional protection. ALM flies may emerge from pupae stowed away in wrapper leaves of garlic bulbs. Care must be taken to not ship ALM-contaminated garlic bulbs for seed prior to September (when the flies will emerge from pupa).

For figures, photos, and more resources, refer to the full article: https://rvpadmin.cce.cornell.edu/uploads/doc_1167.pdf

Biological control

Parasitoids such as Halticoptera circulus (often associated with ALM) and Chrysocharis oscinidis have been reported to parasitize ALM pupae!

See how to manage for biollogical control by visiting: https://nault.entomology.cornell.edu/extension/ or contact Professor Brian Nault at 315-787-2354 (office) or ban6@cornell.edu

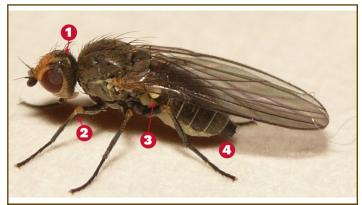


Figure Above: Key Identifying features of ALM adults

- 1. Yellow areas (front) on head
- 2. Yellow areas on the joint of the leg
- 3. White haltere (modified hindwing) in true flies
- 4. Ventral end of abdomen

source: https://cals.cornell.edu/integrated-pest-management/outreach-education/fact-sheets/allium-leafminer



Wednesday, August 20th / 8am-2:30pm
West Seneca East Middle School, 1445 (enter Rd, West Seneca, NY 14224

The Western NY Regional Farm to School Workshop, cohosted by the NYS Department of Education (NYSED) and (ornell (ooperative Extension - Harvest NY, will bring together educators, food service directors and cooks, school administrators, and local vendors and producers for a full day of learning, collaboration, and delicious local food.





SCAN TO SUBMIT AN EDUCATOR WORKSHOP

Questions? (ontact Becky O'(onnor, WNY Farm to School Procurement Specialist: rao842cornell.edu / 845.706.0293





(More info on the back!)

Cornell Cooperative Extension Wyoming Country



Annual Meeting of the Wyoming County Farm Bureau and Cornell Cooperative Extension

- Wednesday, October 15, 2025
- 5:00 -8:30 PM ET
- Brooksholm; 565 Pavilion Warsaw Rd, Wyoming, NY 14591

We're excited to have you join us for what promises to be a productive conversation about the future of agriculture in Wyoming County.

More information to follow

THE GAME OF LOGGING **TRAINING LEVEL 2**

CHAINSAW SAFETY

Thursday, Sept 25, 2025

8:00am - 4:30pm Merle's, Attica, NY

Discounted Cost: \$75.00

Session will be offered at ½ price with CCE Wyoming covering the balance.

Cornell Cooperative Extension of Wyoming County will host Game of Logging Training Chainsaw Safety - Level 2.

The Game of Logging (GOL) is widely acknowledged as the premier chainsaw safety and productivity training program in the country, offering hands on chainsaw safety training in a competitive environment.

LEVEL 2 focuses on maximizing chainsaw performance through basic maintenance, carburetor setting, and filing techniques. Limbing and bucking techniques are introduced, spring pole cutting is covered, and more felling is practiced.

Instructor: Bill Lindloff of Procuts

Pre-Registration is required by calling CCE Wyoming County at 585-786-2251 or email wyomingcountycce@cornell.edu.

erative Extension Wyoming County

UNLOCK THE FUTURE OF AGRICULTURE: Explore Sensor Technology for Beginners

TUESDAY, SEPT 23, 2025

6:00 PM - 8:00 PM | Ag & Business Center, Warsaw





Join us for an exciting opportunity hosted by CCE Wyoming County, featuring Dr. Jonathan Jaramillo.

This workshop marks the beginning of a cutting-edge series offered by CCE Wyoming County, designed to help you "get your hands dirty" with sensor technologies.









From monitoring the health of individual dairy cows with biosensors to optimizing crop fertilizer applications using drones and satellites, you'll discover a world of possibilities to enhance productivity in agriculture.



Each session will feature hands-on learning experiences, making this not only informative but also immensely enjoyable.

Subs and pop will be available.

ative Extension Wyoming County

This two-day program is designed for agricultural producers and emergency responders. Each group will follow a customized agenda, then come together on the second day for a



Lunch will be provided on both days.

PRE-REGISTRATION REQUIRED BY WEDNESDAY, OCTOBER 15TH

https://reg.cce.cornell.edu/farmedic_november

CLASS SIZE IS LIMITED

Emergency

This course will include Grain Bin Safety, Bunker Safety, and "First on Scene" conversation (for Emergency First Responders)

Saturday, November 15 Sunday, November 16



Time: 830 - 1600

Time: 1200-1600

This course will include Grain Bin Safety, Bunker Safety, Tractor Rollover, and Hazard Mapping (with NYCAMH for Agriculture Producers)



Saturday, November 15

Sunday, November 16 Time: 1200 - 1600 / Time: 1200-1600 Location (both days):

- Wyoming County Emergency Management
- Wyoming County Cooperative Extension Wyoming County Farm Bureau

Experts:

- McNeil&Co.
- . Wyoming County Farm Bureau & Northeast Center

for Occupational Health and Safety



Cornell Cooperative Extension Wyoming County





oem@wyomingco.net or (585)786-8867

CCE Wyoming County to Host a Hands-on Workshop...

Tuesday, September 23rd - 6:00 to 8:00 PM

Led by Dr. Jonathan Jaramillo, who has a PhD in Electrical and Computer Engineering at Cornell University. Dr. Jarmillo and Cornell interns will bring expertise in robotics and computer systems to Wyoming County with a focus on developing lowcost, accessible tools for growers and pre-commercial tinkerers.

This interactive session will guide participants through building a low-cost irrigation pump system for vegetable/berry production applications. The program includes an introduction to soil moisture sensor technology and microcontroller-based automation, followed by a 45-minute guided build. As part of the CCE Wyoming County strategic plan, it is anticipated that future workshops will explore additional sensor technologies in agriculture. Do you have a topic suggestion—like boluses in dairy cattle or barn temperature sensors? Email us at wyomingaginfo@ cornell.edu.

For more on low-cost irrigation monitoring, visit: Building Irrigation Controllers - https://hortphys.uga.edu/research/ building-irrigation-controllers/

UPCOMING EVENTS 2025

Date	Event Information (visit wyoming.cce.cornell.edu)	Event Location
August 5	Beekeeper Club - Honey Production & Fair Prep - page 10	CCE Wyoming Warsaw, NY
August 9 - 16	Master Gardener's at Fair - page 6	Wyoming County Fairgrounds Pike, NY
August 9 - 16	Maple Producers at Wyoming County Fair - page 10	Wyoming County Fairgrounds Pike, NY
August 16	Master Gardener's at the Perry Farmers Market - page 6	Perry Famers Market Perry, NY
August 20 - September 1	Maple Producers at the NYS Fair - page 10	NYS Fair Syracuse, NY
August 20	Western NY Regional Farm to School - page 22	West Seneca E. Middle School West Seneca, NY
August 21	VVT Open House - page 8	CCE Wyoming Warsaw, NY
August 26	Pasture Walk - page 20	C&H Farms Akron, NY
September 9	Perry Garden Club Presentation - page 6	CCE Wyoming Warsaw, NY
September 14 - 17	Cornell Maple School - page 9	Arnot Forest, Van Etten, NY
September 16	Beekeeper Club - Winterizing Hives - page 10	CCE Wyoming Warsaw, NY
September 23	Explore Sensor Technology for Beginners - page 23	CCE Wyoming Warsaw, NY
Septembers 27	Game of Logging - Chainsaw Safety Level 2 - page 10	Merle Maple Atica, NY
October 15	CCE Wyoming County Annual Meeting - page 22	Brooksholm Wyoming, NY
October 23	Hands on Maple Tubing - page 7	Whispering Brooks Farm Gainesville, NY
November 15 & 16	Farm Safety for Producers and Emergency Respondents - page 23	Wyoming County
November 18	Beekeeper Club - Beekeeping Products & Art - page 10	CCE Wyoming Warsaw, NY

2025 Officers of the Wyoming County CCE Association

Louise Herrick President
Alton Rudgers Vice President
Shirley Spencer Treasurer
Kathy Parker Secretary

2025 Agriculture Program Committee

Derek Rechberger (Perry)
Daniel Chasey (Perry)
Eric Dziedzic (Arcade)
James Kirsch (Sheldon)

Megan Burley (Warsaw) Robert Ressler (Arcade)