

Cornell Cooperative Extension of Chautauqua County's

# Extension Connection



Cornell Cooperative Extension  
Chautauqua County

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### COVER PHOTO: Chautauqua Institution Washed

Ashore, Art to Save the Sea, is a non-profit organization committed to combatting plastic pollution through art and education. Their mission is to build and exhibit aesthetically powerful art to educate a global audience about plastic pollution in the ocean and waterways and to spark positive changes in consumer habits.

Meticulously crafted, these sculptures are composed entirely of debris that has washed ashore on the beaches of Southern Oregon. By seamlessly blending artistry with scientific insight, this exhibition strives to foster a deep understanding of the environmental consequences of plastic while inspiring individuals to participate in reducing plastic consumption and embracing recycling practices actively.

**Your picture could be on our next cover!**

**Send your submission to [lpc33@cornell.edu](mailto:lpc33@cornell.edu)**

### The Chautauqua County Extension Connection (USPS #101-400)

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### Cornell Vegetable Program

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# Association News

## Board of Directors

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Rosemary Joy, Fredonia  
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Jeff Miller, Cherry Creek  
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Virginia (Ginny) Carlberg, Jamestown

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Mary Jantzi, Clymer  
Betty Catanese, Stockton  
Beth Southworth, Bemus Point  
Kimberly Witherow, Sherman  
Louis Smith, Silver Creek  
Laura LeBarron, Silver Creek  
Jan Schauman, Jamestown

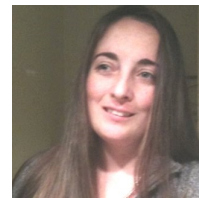
## 4-H Program Advisory Chairpersons

Joyce Edwards	Clothing and Textiles
Bart Nickerson	Dairy
Keith LaRoy	Goat
Roxanne Young	Dog
David Schauman	Beef, Meat Animal Sale
Kasey Fanara	Horse
Nannette Knappenberger	Snack Bar
Jamie Smith	Exhibition Poultry
Julie Covert	Market Poultry
Kim Chapman	Rabbit
Ken Styers	Hog
Shawn Huntington	Sheep

## From the Office of the Executive Director

The wind is getting chillier, the harvest is finishing, and cover crops are taking root for the winter. Thank you to everyone who attended our annual meeting. We recognized some outstanding volunteers for their service and welcomed new volunteers to our program committees and board of directors.

Please join me in congratulating Beth Southworth, Kim Witherow, Mike Wilson, Rosemary Joy, and Jeff Miller for their dedication and commitment to Cornell Cooperative Extension over the past 3- 6 years.



We are ever grateful for the support from the Chautauqua County Legislature, our community, and friends. We are also pleased to welcome back for another term to our committees and board: Alyssa Porter, Jessica Brehm, and Ben Nickerson. We are excited to welcome the following volunteers into new positions with the Board of Directors, and area program committees:

### Dawn Betts

Dawn is a long-time resident of Chautauqua County with an Associate's Degree from JCC and a Lead NY Leadership Certificate from Advocates for Food and Agriculture. She and her family own Betts Farms, LLC in Westfield, managing over 230 acres of grapes, and regularly partner with the National Grape Cooperative and the Cornell Lake Erie Regional Grape Program in a variety of research trials. Dawn and her husband Robert have earned many awards such as Farm of the year, Conservationist of the year, Persons of the year and Excellence in IPM. Dawn has previous committee experience volunteering for the Lake Erie Regional Grape program, the Chautauqua County Farm Service Agency and the Statewide IPM Program.

### Keith LaRoy

Keith has been involved with the 4-H Goat Program for 13 years serving three years as co-chair and for the past two years as chairman. He has a small goat farm where he also raises hogs, chickens, and two horses.

### Sue Lindsey

Sue has been a 4-H volunteer for the past ten years. She currently serves as treasurer of the goat committee. Both of her daughters, Emma and Elizabeth Lindsey, have aged out of the 4-H program, but Sue would like to remain involved.

Continued on page 4

She believes in 4-H and how it helps our children to become better adults. She recognizes that, “they grow up to understand the importance of being involved in their community as well as learning the responsibilities of taking care of others including their animal projects.” Sue’s daughters have learned many life skills that they will take with them into the next chapter of their lives, and she would like to help other 4-H youth to develop these skills going forward.

#### **Andrew Campbell**

Andrew Campbell is the manager of Westfield Ag and Turf. A lifelong resident of Chautauqua County and supporter of the agricultural industry, Andy is a graduate of Clymer Central School where he served as the Chautauqua County FFA president, and as the NYS FFA Vice President. You may have met or at least heard of Andrew volunteering at the 4-H Meat Animal Sale. He has over thirty years of auctioneering experience in household, antiques, farm equipment and numerous charity events. He has past employment experience with Schwan’s Food Company, Z & M Ag Turf (now known as LandPro Equipment). Andrew currently resides in Westfield with his wife Melissa and three children- McKenna, Avery, and Bennett. Andrew is looking forward to the opportunity to serve on the Agricultural Program Committee as a way of serving the community and continuing to support agriculture.

#### **Katie Card**

Katelyn R. Card, DVM, has been actively involved in the beef industry for most of her life, helping manage herd health on the families 35 head cow-calf beef operation on Moon Meadow Farm LLC of Jamestown, NY. To gain more livestock knowledge, she pursued a degree in Bachelor of Animal Science at Delaware Valley College (2009-2013). In pursuing her true passion of becoming a veterinarian, she attended The University of Mississippi: College of Veterinary Medicine (2015-2019) to receive her Doctorate of Veterinary Medicine. After graduating from veterinary school, Katie started working for Randolph Veterinary Clinic as an Associate Veterinarian. When not working in the small animal clinic, she practices some large animal medicine under her business name of KRC Veterinary Services. Katie was very humbled that her name was considered for a seat on the Agriculture Program Committee, she says “I love to give back to the local 4-H in

helping with different meetings and wet labs. I believe that I could be an asset to the committee with the animal knowledge background that I possess. I would be honored to have the privilege to hold a seat on the committee if chosen.”

#### **Emma Boutelle**

Emma has been a lifelong Chautauqua County resident. She and her husband own 2 businesses (South County Electric and Miller Valley CSA Farm) and currently reside in Kennedy with their 2 boys near the dairy farm (now retired) where Emma was born & raised. She grew up in the 4-H program and is currently a club leader, dairy committee member, and Master Gardener Volunteer. Emma began her CSA program in 2019, which provides fresh vegetables and local fruit for 15-22 weeks a year. She uses a biodynamic and organic management approach and has helped many other community members start and manage their own gardens under similar practices. Emma is incredibly passionate about local farming, and eager to help small farmers make a presence and thrive.

We look forward to working with each of them in their new roles with us.

In October, staff had the fun opportunity to explore Chautauqua Institution’s ‘Washed Ashore’ exhibit.

We received notice that we are the recipients of \$800,000 from NY Ag And Markets for the “New York Food For New York Families” initiative which will include a new position at CCE Chautauqua.

This time of year is always inspiring to me as I reflect on the many accomplishments from 2023 and review our annual report. It is clear, now more than ever, that CCE-Chautauqua is doing great things in our community. As we embark on a new year of programming, we are looking forward to continuing our excellent programming and investigating opportunities for new or improved practices. We have continually proven to be resilient and innovate and that has allowed us many opportunities to meet the needs of the community, expand our image, and continue to provide successful programming. With an excellent staff of fourteen, a dedicated Board of Directors, and exceptional local support, CCE-Chautauqua is working diligently to transcend our proven traditional programming and continue to grow to meet the needs of the County. Thank you for supporting us.



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## CrackerJack Farm Feed & Variety Store 716-499-9985

Store hours: M-F - 4-8pm, Sat. 8am-Noon

The CrackerJack Farm remains a family operated farm specializing in Percheron Draft Horses and Horse-drawn Carriage / Wagon rides. In 2019 the family extended the farm operation to include Blue Seal Feed, and in 2020 we added Dry Creek Wood pellets along with Hand-crafted items made by family members.

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Available

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- ◆ Dynasty: Pro Pellet 14-6
- ◆ Mane Menu: Textured 14%,
- ◆ Oats: Plain & Crimped

### Chicken Products:

- ◆ Economy Feed: 16% pellet
- ◆ Home Fresh: Starter, Breeder, Ex Egg Layer
- ◆ Organic: Starter, Broiler, Layer pellets
- ◆ Meal Worms & Scratch

### Dog Products:

- ◆ Entrust: Puppy, Large Breed Puppy, Lamb & Rice, Chicken & Barley, Pork & Barley
- ◆ Natural 26: 5lb, 25lb, 50lb
- ◆ Peanut butter biscuit / dog toys

### Cat Products:

- ◆ Entrust: Kitten, Adult Cat
- ◆ Barn Cat: 32 lbs

### Rabbit Products:

- ◆ Home Fresh: Show Hutch Deluxe 17, Top Hutch 18
- ◆ Bunny: 16%

### Wild Bird Products:

- ◆ Bird seed: Sing Along, Song Maker, Concerto
- ◆ Black oil Sunflower: 20 lb, 40 lb
- ◆ Nyjer Seed: 25 lb
- ◆ Suet Cakes: High Energy, Orange, Nut & Berry
- ◆ Bird houses & Feeders

### Beef Products:

- ◆ Beef Show: Grower, Blender, Finisher
- ◆ Minerals: Kent 365 ADE
- ◆ Lick tubs: EnergiLass 32, EnergiLass 12AFC

### Goat Products:

- ◆ Caprine Challenger
- ◆ Mane Menu
- ◆ Lick tub: EnergiLass Goat Tub

### Bedding:

- ◆ Pine shavings / sawdust
- ◆ Hardwood shavings

### Alpaca:

- ◆ Home Fresh Alpaca Crunch

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# Chautauqua County Agricultural News

## Beef Quality Assurance Training, Dairy Farm Tour, and NYBPA Region 1 Potluck Scheduled for November 4<sup>th</sup> in North Collins, NY

*Cornell Cooperative Extension is partnering with Phillips Farm to show producers the dairy side of beef production, followed by an in-person, hands-on training in beef cattle management to improve animal health, welfare, production, and quality.*

*by Amy Barkley, Livestock Specialist with the SWNY Dairy, Livestock, and Field Crops Program*

All cattle producers are welcome to join Cornell Cooperative Extension for a BQA training at Phillips Farm in North Collins, NY, on Saturday, November 4<sup>th</sup> from 12pm – 4:30pm. The training will follow a tour of Phillips Farm and an NYBPA Region 1 Beef Producer's potluck, which starts at 10:30am.

The BQA training program covers best management practice guidelines for beef cattle health, welfare, and production, ultimately leading to high quality beef both on the hoof and in the retail case. Topics to be covered include

- Stress reduction and management through low-impact handling;
- Herd health management and biosecurity;
- Identification and recordkeeping;
- Transportation considerations;
- Introduction to VCPRs, veterinary drugs, and veterinary equipment;
- Chute-side manner and how to properly give injections, demonstrated by Dr. Shannon Carpenter of NYS Ag and Markets.

While farmers can take this training to learn more about managing their herds, those who successfully complete it will attain their BQA certification. Training for both level I and level II BQA certification will be offered. If you are taking the training to recertify, you will only need to take the classroom training. However, to become level II certified, you'll need to be present for both the classroom and chute-side trainings.

The schedule for the day is as follows:

**Tour of Phillips Farm:** 10:30am - 12pm

**NYBPA Region 1 potluck and lunch for BQA training participants:** 12pm - 1pm

**BQA Level I training (also serves as continuing education):** 1pm - 3:30pm

**BQA Level II (chuteside) training:** 3:30pm - 4:30pm

You are welcome to register for the farm tour and lunch; the BQA training and lunch; or the farm tour, lunch, and BQA training. You do not have to be a member of the Region 1 Beef Producers Association to attend any of the day's activities. Roast beef sandwiches are generously provided by Phillips Farm and Shining Star Cattle Company for lunch; if you'd like, please bring a side dish, drink, or dessert to pass!

The cost for the BQA training is \$15/farm, which covers two individuals. Additional individuals are \$10 each. The potluck and farm tour are offered free of charge. Please register by Wednesday, November 1<sup>st</sup> at 5pm by contacting Kelly Bourne at [klb288@cornell.edu](mailto:klb288@cornell.edu), 585-268-7644ext 10. You can also RSVP online at <https://tinyurl.com/SWNYBQA2023>.

Phillips Farm is a 1,200 cow family-owned and operated dairy farm located in Southwest Erie County. Ann and David Phillips run the farm with their children and a team dedicated to animal health and well-being. With the increased popularity of beef on dairy in NYS, 50% of the cows on the dairy are bred to quality beef sires to make beef x Holstein calves that move through a value-added calf care program before being sold as young calves or feeders. Some of these calves are raised out for the freezer trade. Ann and her son, Tyler Strub (Region 1 NYBPA Chairman), are part of the three-generation family-owned and operated Shining Star Cattle Company in Springville NY.

## CCE WELCOMES NEW AGRICULTURAL PROGRAM COORDINATOR ROSE CLARKE

Cornell Cooperative Extension Chautauqua County's Agricultural Program is excited to welcome Rose Clarke as the new Agricultural Program Coordinator. The CCE Agricultural Program grew in 2022 to include this position and after a one-year temporary appointment the position was found to be beneficial for the management of program services.

Rose joins CCE with a history of extension experience and a desire to serve the community. Rose was born and raised in Portland, Oregon, not on a farm, but even from a young age she surrounded herself with as much farm-life as possible; as her three older siblings left the house, she successfully convinced her parents to fill the space with rabbits, cats, dogs, chickens, gardens, and compost piles, among other things. Rose's summers were busy with babysitting, horse camp, and working on a vegetable farm in Northern California.

Ms. Clarke holds a bachelor's degree in Botany and Biology from Oregon State University and has on-the-ground experience in integrated pest management, ecological restoration, soil health, forest management, environmental education, and programs promoting local food and nutrition. Rose moved to Warren, PA in January 2021 with her partner, Matt, and young son, and they welcomed a daughter, in August 2023. She enjoys baking, hiking, knitting, and she is most looking forward to visiting Chautauqua Grown farms!



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#### Integrated Pest Management (IPM) What's Bugging You?

Join us Live on the first Friday of every month from Noon to 12:30 EST on Zoom.  
2023 Schedule

**November 3:** Winter Garden prep | Tick check Reminder

**December 1:** Houseplant IPM | Firewood pests

<https://cals.cornell.edu/new-york-state-integrated-pest-management/outreach-education/events/whats-bugging-you-webinars#2023>

Cornell Cooperative Extension  
Chautauqua County



# Fall 2023 LEAF workshops

Low-cost farm and homestead education  
classes for NY farmers and  
anyone interested in agriculture.

## **Leather Tooling 101**

Wednesday, 10/25/23, 6:00 – 8:00 pm  
\$15/person

## **Preparing Fruit Trees for Winter**

Thursday, 11/9/23, 6:00 – 8:00 pm  
\$5/person

## **Farm Marketing: Developing Your Brand**

Thursday, 10/26/23, 6:00 – 8:00 pm  
\$5/person

## **Native Lawn Options**

Tuesday, 11/14/23, 1:00 – 3:00 pm  
\$5/person

## **Marketing Local, Marketing Social**

Thursday, 11/2/23, 6:00 – 8:00 pm  
\$5/person

## **Equine Seminar: Healthy Mare Pregnancy**

Tuesday, 11/21/23, 6:00 – 8:00 pm  
\$5/person

## **Wool Felting**

Tuesday, 11/7/23, 6:00 – 8:00 pm  
\$5/person

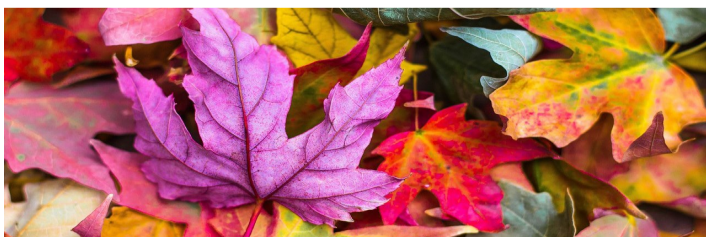
## **Candle Making**

Wednesday, 11/29/23, 3:30 - 5:30 pm  
\$10/person

JCC Carnahan Building, 241 James Ave. Jamestown, NY  
**Register and learn more: <https://chautauqua.cce.cornell.edu/events>**

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## Leaf Mulching

Mulching-in-place means mowing leaves right where they fall. On lawns, leaves are mulched into the grass where they decompose, improving the soil.

**What if I Don't Have Much Lawn?** Leaves can be raked or blown off flowerbeds, slopes, rocks, etc. and mulched either with a lawn mower or a leaf shredder. The mulched leaves can be used in the garden or added to a compost pile. A lawnmower can be used to mulch leaves on a driveway. Mulched leaves can then be moved to where they are needed.

**When is Mulching Done?** Leaves can be mulched during fall and spring clean up.

**Can Wet Leaves Be Mulched?** Mulching is most easily done with dry leaves but professional landscaper mowers equipped with mulching blades can mulch wet leaves efficiently.

### MULCH AS PROTECTION

A few inches of mulch helps protect garden beds from extreme weather: In summer, mulch helps keep moisture in topsoil; in winter it helps moderate the temperature in garden beds, preventing heaving.

Leaf mulch acts just like any other mulch (ex. wood chips) - and has its advantages.

- You know where it came from.
- It's free and decomposes relatively quickly, adding nutrients and organic matter to your soil.

### MULCH AS COMPOST

Best practices for lawn care include adding a thin layer of compost in a "top dressing" to the lawn each year. This is time consuming, costly, and can add excess phosphorus to the lawn. The same result with fewer environmental consequences can be achieved by mulching leaves right into lawns. Mulched leaves fall between the grass blades and slowly decompose, nourishing the soil. Complete decomposition may not happen until spring.

More information can be found at [www.leaveleavesalone.org](http://www.leaveleavesalone.org).

Source: [http://leaveleavesalone.org/uploads/CCE\\_Leaf\\_mulching\\_brochure.pdf](http://leaveleavesalone.org/uploads/CCE_Leaf_mulching_brochure.pdf)

## The NY Mid-Winter Maple Classic Returns

The NYS Maple Producers' Association is pleased to announce that the Mid-Winter Maple Classic Conference will return in January 2024. The Syracuse Oncenter Convention Center is the new location for the event, which combines a vendor trade show and a forum of workshops for maple producers.

The conference will open at 5pm Friday, January 5 and again Saturday, January 6 at 8am. This year's theme of "What's Flowing Down the Maple Pipeline?" will focus on the newest techniques and innovations, giving attendees tools to produce high quality maple syrup efficiently and sustainably.

The conference is being organized by a committee of association members who are themselves maple producers, including Lyle Merle, Karl Wiles, Doug Thompson, Tom Kaufman, Dan Weed, Kristina Ferrare, Helen Thomas. The committee is chaired by Michael Grottoli of Grottoli's Maple, Middle Granville, NY. Educational workshops are being organized by the Cornell University Maple Program co-directors, Aaron Wightman and Adam Wild.

For now, save the dates, January 5-6, 2024. We will be releasing details about registration, hotels, and the schedule of the activities at <https://nysmaple.com/mapleclassic>.

Source: NYS Maple Producers' Association

<https://www.morningagclips.com/the-ny-mid-winter-maple-classic-returns-january-5-6-2024/>

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## Make Safety a Wow Factor on Your Farm

It's not as exciting to talk about as your herd's production levels, genetic accomplishments, or crop performances, but safety can be just as impactful on the farm's bottom line. Safety matters because an injury-causing or fatal incident is not a gradual change — it immediately reshapes the farm, people, and community around it.

Just on the financial side, Michigan State Extension educator Martin Mangual said he's heard estimates that a farm death can tally up a total cost of \$6 million to the business. That's not even considering the emotional and related tolls it takes on the farm. Yet, we don't think those incidents will happen on our farms or talk about the concerns. "I've never had a farmer stop me at a meeting to show me the new barrier they put in on their farm or the new harness they got for working in the upright silos," Mangual continued on a "Virtual Coffee Break" podcast episode.

He and extension educator Charles Gould discussed incident prevention practices in two of the highest-risk areas on the farm: the feed center and manure storage.

Feed storage represents a significant safety concern whether you're talking about grain bins, upright silos, or piles and bunkers, Mangual said. In the common case of bunkers, asphyxiation from an avalanche and falls can both cause serious harm or even death.

Mangual's first piece of advice to limit silage pile injuries is to plan ahead of time to size the piles right. "Many piles are determined by the amount of inventory, when, in reality, the height of the pile should be determined by the equipment I have to manage that pile," he said. The rake or facer needs to be able to reach the top of the pile. This will help avoid creating dangerous shelves of silage or having people walk near the face.

A safe clearance zone for the bunk face is three times the height of the pile, Mangual said. Post signage and ensure employees are trained to not get closer than that. Take feed samples after silage has been defaced and removed from that zone. "Avalanches are quick. They often provide

little to no warning, and if you are in that clearance zone, then you are at risk of being subjected to an avalanche," he explained.

If employees must be on top of a silage pile to remove plastic and tires, Mangual advised having them use harnesses attached to the back of the pile and working in teams so that if an incident does occur, someone is there to provide a quick response. "When we're talking about farm accidents, time is often the main determinant of how successful a rescue will be," he emphasized.

Many feed storage best practices also apply to manure storage because asphyxiation is a risk there, too, along with engulfment or even explosion. Hydrogen sulfide, methane, ammonia, and carbon dioxide are the main gases to be aware of, said Gould. All have different danger thresholds. Methane and carbon dioxide are both asphyxiants at sufficient levels, while ammonia is so pungent at dangerous levels that people will leave the area. Hydrogen sulfide is especially tricky because if it's in really high concentrations, it numbs the sensory nerves in your nose so you don't know that you're in danger, Gould explained.

In addition to signage and fences that keep people away from manure storage, prevention includes having everyone who works around a manure pit wear a gas monitor. "Just because you're outside doesn't mean you're safe," said Gould, who stresses proper calibration of these tools with the custom manure applicators he works with around Michigan.

People working around manure must also be trained on proper agitation spots, the properties of these gases, and symptoms of potential danger, such as eye irritation. If someone does become overcome with gas, Gould advised using a self-contained breathing apparatus or a harness if available. If not, call 911. Do not enter the pit because then you'll have more fatalities, he stressed.

Source: Katelyn Allen, Hoard's Dairyman  
<https://hoards.com/article-34082-make-safety-a-wow-factor-on-your-farm.html>



## New Cornell Cow Convos podcast series

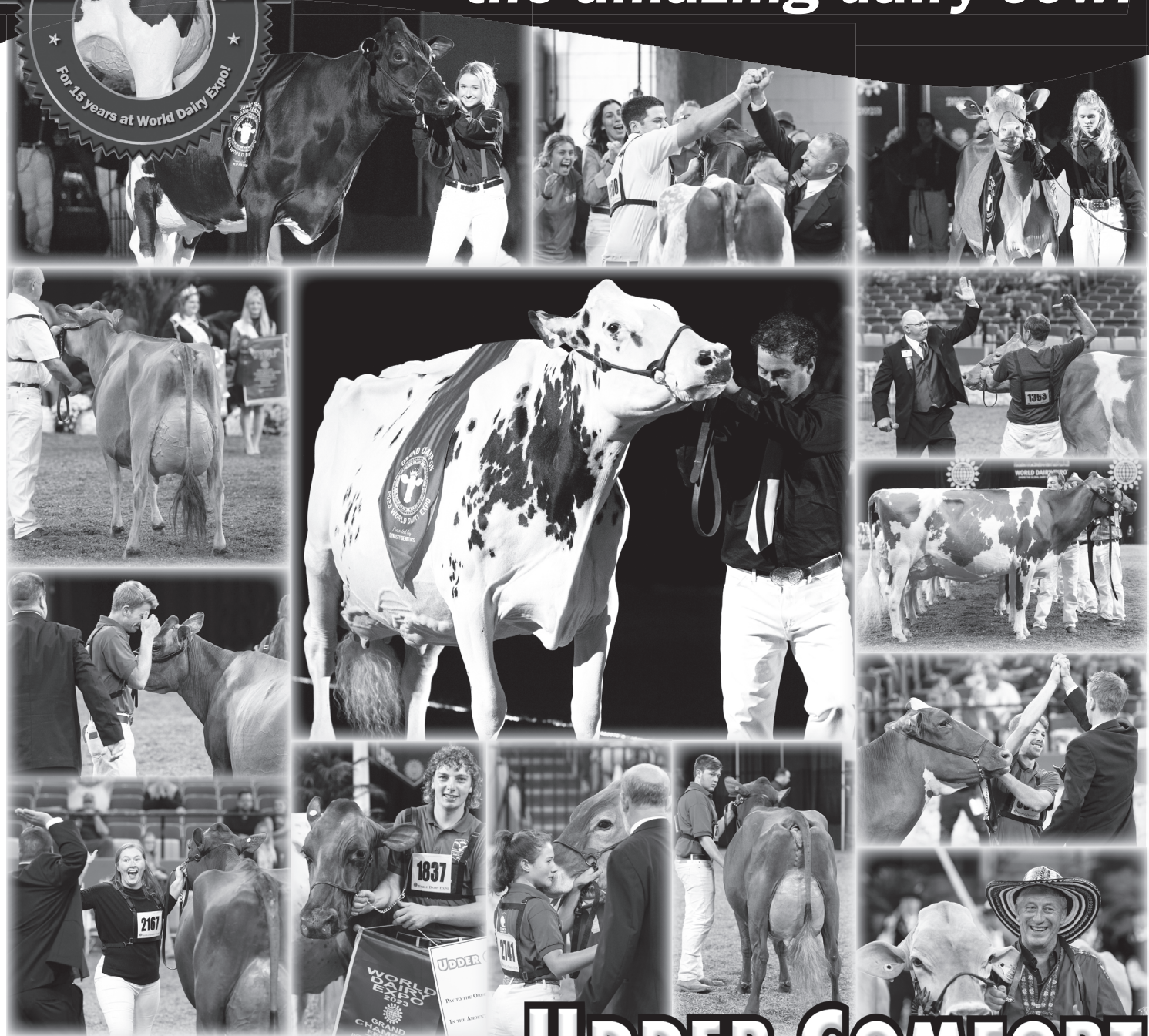
Offered by PRO-DAIRY and Cornell CCE

Cornell Cow Convos is a new, monthly podcast series led by PRO-DAIRY and CCE Dairy Specialists that features current, new, and emerging topics of interest to the dairy industry right now. New episodes are released on the last Thursday of the month. The first episodes include discussions on preventative healthcare for cows, the trend of beef on dairy, what to look forward to in the new year for dairy, and socially grouping or pair-housing calves. This series also features specially selected interviews with dairy farmers and industry experts and invites suggestions from our listeners for future topics.

Check out the podcast series on the PRO-DAIRY website where each episode, additional resources, and speaker contact information will be posted. Also, listen to this and prior podcasts via SoundCloud on the CCE Dairy Educators channel. For more information, contact Lisa Kempisty at Cornell Cooperative Extension of Chautauqua County at 716-664-9502 Ext 203 or [lj4@cornell.edu](mailto:lj4@cornell.edu).

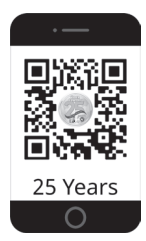
ALL BREEDS  
14 CHAMPIONS  
**THE CHOICE OF CHAMPIONS**

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# Chautauqua County Soil & Water Conservation District Newsletter

Northcrest Business Center, 220 Fluvanna Ave,  
Suite 600, Jamestown, NY 14701  
Phone (716) 664-2351 Ext 5  
Email: [chaut-co@soilwater.org](mailto:chaut-co@soilwater.org)  
Board Meetings are held the third Wednesday  
of each month at 8:30 AM  
Board of Directors: Fred Croscut, Pierre Gagnon,  
Bruce Kidder, Allen Peterson, Lisa Vanstrom



SWCD Staff:  
David Spann, District Field Manager  
Cassandra Pinkoski, Grants Specialist  
Greg Kolenda, District Field Technician  
Gage Lindell, District Field Technician  
NRCS Jamestown Field Office Staff:  
Robert Nothdurft, Resource Conservationist  
Anna Emke-Walker, Soil Conservationist

## Agricultural Assessments

### Partial Reduction in Real Property Taxes for Eligible Farmland in New York State

In 1971, New York State legislature enacted the New York Agricultural District law to protect and promote the availability of land for farming purposes. As part of this legislation, the law allows for reduced property tax bills for land in agricultural production by limiting the assessment of such land to its agricultural value. Owners whose land satisfies the eligibility requirements may apply for an agricultural assessment.

Landowners must file an application (RP-305 or RP-305-r) with their local assessor to receive an agricultural assessment for their parcels. **The local assessor is who determines eligibility.**

In order to be eligible, the following requirements must be met:

Land generally must consist of seven or more acres that were used in the preceding two years for the production for sale of crops, livestock, or livestock products;

The annual gross sale of agricultural products must average \$10,000 or more. If the size is less than seven acres, the average annual gross sales must equal \$50,000 or more.

Agricultural assessment is limited to land used in agricultural production. Up to 50 acres of farm woodland is eligible for the assessment per eligible tax parcel. Land under a structure within which crops, livestock, or livestock products are produced is also eligible for the assessment.

*Since farm operations encompass more than one parcel, eligibility is determined by combining separately assessed parcels that are farmed together as a single*

*operation. However, a separate application for each assessed parcel must be made.*


Rented land for agricultural purposes may receive an agricultural assessment. If the rented land satisfies the basic eligibility requirements, it can be eligible for the assessment. In addition, if the rented land does not satisfy the average gross sales requirements, it may still be eligible if it is farmed, under a written rental agreement of at least five years, with other farmland that satisfies all eligibility requirements.

### ***What you have to do...***

The landowner's first step in applying for an agricultural assessment is to contact Chautauqua County Soil and Water Conservation District. District Staff will coordinate an appointment with you to help fill out the "Soil Group Worksheet". This worksheet distinguishes the acreage of a farm parcel in each soil group. The landowner then transfers this information to the "Application for an Agricultural Assessment" sheet, available through your local assessor's office. The worksheet and application, along with a soil map generated by District staff, are all submitted to the assessor by the taxable status date. In most towns, taxable status date is March 1<sup>st</sup>, but it is advisable that you confirm this with your local assessor. Landowners must file an application each year, however, if there are no changes since the previous year, a short form application can be used.

The fee for classification of the soil group worksheet is \$25 dollars per parcel. For more information, or to schedule an appointment, feel free to call Chautauqua County Soil and Water Conservation District office at 716-664-2351 ext. 5. The District operates under normal business hours, Monday through Friday from 8 A.M. to 4:30 P.M.

 **November** 

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 4 H Reenrollment Due	2 Sheep Committee/ Project 6:00/7:00 Program Committee 6:30	3	4
5	6 Dairy Committee 6:30 Goat Committee 6:45	7	8 Dog Committee Hog Committee 6:30 Club Officer Training 6:30	9 Exhib. Poultry Project 6:30	10 Awards Night 5:30	11 Beef Tagging/ Weighing (Times will vary) Horse Trail riding Meeting 11:00 AM Dairy Barn Meeting 12:00 noon
12	13 Goat Project 6:30	14 Rabbit Committee Exhib. Poultry Committee Horse Committee 6:30	15 Beef Committee Dog Project Hog Committee 6:30	16 Rabbit Project 6:30	17	18
19	20	21	22			25
26	27	28	29	30 Meat Animal Sale 6:30		

 **December** 

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 4 H Dairy Project Scholarship Application Due	2
3	4 Rabbit Committee 6:30	5 Program Committee @Steener's 6:30	6 Hog Committee Dog Committee 6:30	7 Sheep Committee/ Project 6:00/7:00 Beef Project/ Committee 6:30/7:30	8	9
10	11	12 Exhib. Poultry Committee Horse Committee 6:30	13 Hog Project Dog Project 6:30	14	15 Rabbit Project 6:30	16
17	18	19	20	21	22	23
24			27	28	29	30
31 <b>Happy New Year!</b>						

### New Office– North County!

4-H office available to public at 10807 Bennett Road | Dunkirk, NY 14048 on Fridays. We hope to make this more convenient for our North County Residents! We will have this open for November, however we ask for a phone call or email before arrival in case of an absence!

### Meat Animal Sale Youth

Consider making your arrangements for your extra animals early this year. There will be ABSOLUTELY no animals leaving on the slaughter trucks that have not gone through the meat animal sale. All extra will be leaving after 3:00pm on Sunday on their own trailers.

### 4-H Teen Ambassadors

The TA program is looking for more youth to join the fun. Aside from learning all about leadership, TA's pick the theme of the 4-H year, help at all events, speak to the public and politicians, and we are going on college/career trips this year. Applications are available online!

### 4-H Trail Riding

The first trail riding meeting is set for November 11th from 11:00am-1:00pm. Lunch will be provided. Please bring 2 lead ropes. Leather tooling to follow 1:30pm-3:30pm

### 2023 4-H Dairy Project Advancement Scholarship

4-H Dairy Project members are encouraged to apply for a small scholarship to help you with your dairy project (amount to be determined based upon number of applications). This opportunity is being offered through a donation made to our 4-H dairy youth project from Patti and Rick Mammoser and our 4-H Dairy Committee Funds.

Youth need to answer the following questions and submit by December 1, 2023, to CCE-Chautauqua County, Attn: Lisa Kempisty, 525 Falconer Street, PO Box 20, Jamestown, NY 14702-0020 or by e-mail to [lj4@cornell.edu](mailto:lj4@cornell.edu):

1. Name, Address, Number of years in the 4-H Dairy project, and age as of January 1, 2023
2. What do you plan to use the dairy project scholarship for? (For example: Buy show supplies, use toward purchasing a dairy calf, buy other supplies to care for your dairy animals, promote 4-H and /or the dairy industry – Be Specific Please!)
3. Share how this scholarship will help you reach your goals with your dairy project.
4. Explain how you benefit from participating in 4-H.

### 4-H Youth Fly Fishing

The Children in the Stream/4-H Youth Fly Fishing Program will be starting its 25th season.

Classes will resume Oct. 3 and will continue weekly through May 14 except for Nov. 21, Dec. 26, and Jan. 2. The fly tying/fly fishing classes will occur every Tuesday from 7pm to 8:30pm in the Costello Room in the Rockefeller Art Center at the State University of New York at Fredonia.

The program is open to children over 12 (younger if accompanied by an adult), faculty, staff and community members of all ages. Classes and supplies are provided at no cost. No long-term commitment is needed.

### Looking For More Committee Members!

The Chautauqua County 4-H is looking for more members to join their committees

- Exhibition Poultry
- Dairy
- Horse
- Beef

*Please reach out to the 4-H office for more details!* If you have any interest email Lindsey, [lc832@cornell.edu](mailto:lc832@cornell.edu) or call 716-664-9502 ext. 212



# 4-H Club Officer Training

Wednesday, November 8th

6:30 pm

JCC Carnahan Center

Open to all Chautauqua County 4-H Volunteers and 4-H club officers.

Learn more about Roberts Rules of Order, your role, and take home helpful information to improve your club throughout the 4-H year.

## Apparel Order

Our Chautauqua County 4-H apparel sale will be open October 2nd until November 1st.

This year one of our very own 4-Hers, Lyla Hamilton, inspired the design! This is a great way to get 4-H recognized by people and youth across the county, so, a big thank you in advance to those who order and support our county 4-H!

Contact 4-H office @ 716-664-9502 Ext. 212 or email lc832@cornell.edu

This year we have:

- T-Shirts: \$15
- Hoodie: \$30
- 1/4 Zip: \$30
- Ball Cap: \$15
- Add on \$2 for 2x, \$3 for 3x, \$4 for 4x



Dunkirk Tractor Supply welcomed members and volunteers of the **Summerdale Sunset Riders 4-H Club** and their miniature horses on Sunday, October 8, 2023. Thank you Dunkirk Tractor Supply and our mini horse friends for being a part of our fall 4-H Club fundraiser.

As you'll see in the one picture, no customers could enter without getting a "mini greeting!"





# FAQs About 4-H



## Who can enroll in 4-H programming?

Youth must be 5 years of age and no older than 18 years of age as of January 1, 2024 to participate in 4-H this year. Non-competitive Cloverbud programming is available at the club level and in all animal projects except Beef and Hog for youth ages 5-7. Youth ages 8-18 are considered regular 4-H members. For the upcoming 2023-2024 4-H year, your 4-H age is your age as of January 1, 2024.

## Where can I find 4-H youth or volunteer enrollment paperwork?

Enrollment forms are available at club meetings, animal project meetings, and from the 4-H Office open weekdays from 8:00am-4:30pm. Fillable PDF forms will also be available online at [cce.cornell.edu/chautauqua/4-h-forms](http://cce.cornell.edu/chautauqua/4-h-forms). Contact the 4-H Office if you would like enrollment information mailed or emailed.

**Re-enrollments (youth who have previously participated in 4-H programming)** must submit enrollment paperwork and payment by November 1, 2023 or will be assessed a \$10.00 late fee. Youth who have never participated in 4-H do not have to enroll by November 1st but are encouraged to do so.

## What programs are available in Chautauqua County 4-H?

Chautauqua County 4-H offers animal science, club, and family consumer science. **Animal science programs** meet in the Carnahan Center at the Jamestown Community College Campus or may meet at area farms, feed mills, etc. Youth can enroll in Beef Cattle, Dairy Cattle, Dog, Goat, Hog, Horse, Exhibition Poultry, Market Poultry, Rabbit, and Sheep programs. Cloverbuds can participate in all of the programs except Beef Cattle and Hog. Each of these programs are led by a volunteer committee and have different project rules, records, and other requirements. If you are interested in joining an animal project, attend the first meeting to get a feel for the project. **Clubs** meet throughout Chautauqua County and are also led by volunteers. Youth can complete projects of interest, community service projects, public speaking, and learn about running a business meeting and Robert's Rules of Order. **Family Consumer Science** group help youth develop skills in sewing. Each year kids make and design their own clothes. They enter to participate in our annual Fashion Revue. In this competition they show off their projects and compete for prizes and a chance to participate at bigger competitions like Western District Fashion Revue, and State Fair.

## What does it cost to participate in 4-H?

The United Way of Southern Chautauqua County sponsors 4-H and reduces the cost of enrollment to \$20.00 per child not to exceed \$60.00 per family. Submit completed enrollment forms for each child, the completed enrollment scholarship form (one per family), and payment of \$20.00 per child (not to exceed \$60.00 per family), it's that easy! The enrollment fee can be paid by cash or check payable to "CCE", or via PayPal on our website. To pay via PayPal, visit [cce.cornell.edu/chautauqua](http://cce.cornell.edu/chautauqua), scroll to the bottom of the home page and click the yellow "Pay Now" button. This covers insurance and overhead costs.

*Families may be responsible to purchase supplies to create projects and animal science projects have additional costs in purchasing animals, feed, and other care. Contact the 4-H Office with questions at 716-664-9502 ext. 212.*

## What role do volunteers play in 4-H programming?

Volunteers are key to the success of 4-H programs. Each animal science committee is comprised of 7-10 volunteers who plan educational curriculum, fundraisers, field trips, and organize their project's participation at the County Fair. Club leaders work with youth and families in their clubs to plan projects, community service, public speaking, and more! Volunteers must complete enrollment paperwork each year as well. Enrollment forms are available at the 4-H Office or by visiting [cce.cornell.edu/chautauqua/4-h-forms](http://cce.cornell.edu/chautauqua/4-h-forms). Members of the community interested in volunteering can contact the 4-H Office at 716-664-9502 ext. 214.



CHAUTAUQUA  
COUNTY  
4-H



# Animal Project News



## Exhibition Poultry Project

### Committee Meetings

November 14th

### Project Meetings

November 9th  
January 24th

**\*ALL meetings are at 6:30 PM unless otherwise noted**

Committee Chair: Jamie Smith  
smith\_jamie@mac.com

## 4-H Program Committee

November 2nd

December 5th @ Steener's

**\*ALL meetings are at 6:30 PM unless otherwise noted**



## 4-H Meat Animal Sale

Thursday, November 30th

**\*ALL meetings are at 6:30 PM unless otherwise noted**



## Dog Project

### Committee Meetings

November 8th

December 6th

### Project Meetings

November 15th

December 13th

**All Project Meetings at 6:30 PM**

Any changes will be posted on  
**REMIND!**

Committee Chair: Roxanne Young  
roxy6825@windstream.net



## Horse Project

### Committee Meeting

November 14th

### Project Meetings

November 11th (Trail Riding 11:00 lunch provided. Leather tooling to follow)  
January 16th

**\*ALL meetings are at 6:30 PM unless otherwise noted**

Committee Chair: Kasey Fanara  
blondieshort24@yahoo.com



## Beef Project

### Committee Meetings

November 15th

December 7th

### Project Meetings

November 11th (tagging)

December 7th

**\*ALL meetings are at 6:30 unless otherwise noted\***

Committee Chair: Dave Schauman  
chautcobeefprogram@gmail.com

## Sheep Project

### Committee Meetings

November 2nd

December 7th

### Project Meetings

November 2nd

December 7th



**\*All committee meetings at 6pm and project meetings at 7pm unless otherwise noted\***

Committee Chair: Shawn Huntington  
shuntington@randolphcsd.org



## Rabbit Project

### Committee Meeting

November 14th

December 4th

### Project Meetings

November 16th

December 15th

**\*ALL project meetings at 6:30 unless otherwise noted\***

**\*Committees at 7:00 PM \***

Committee Chair: Kim Chapman  
kchapman4574@gmail.com



## Market Poultry Project

### Committee Meetings

February 8th

### Project Meetings

February 8th

Committee Chair: Julie Covert  
jcoverts@windstream.net



## Hog Project

### Committee Meeting

November 8th

November 15th

December 6th

### Project Meeting

December 13th

**\*ALL meetings are at 6:30 PM unless otherwise noted**

**Please note:** One parent/guardian **MUST** attend meetings with their 1st and 2nd year members.

Committee Chair: Ken Styers  
styersk@yahoo.com



## Dairy Project

### Committee Meetings

November 6th

6:30 PM

### Project Meetings

#### 4 H Dairy Cow Health Barn Meeting

Saturday, November 11, 2023

12:00 noon—3:00 pm Lunch provided  
Frontier Brook Farm, The Moss Family  
5777 Rt. 83, Conewango Valley, NY

RSVP by November 8th to  
Lisa Kempisty at 716-664-9502 Ext 203 or  
ljk4@cornell.edu

Committee Chair: Bart Nickerson  
bjnick@windstream.net



## Goat Project

### Committee Meeting

November 6th

### Project Meetings

November 13th

**\*ALL meetings are at 6:45 PM unless otherwise noted\***

Watch our Facebook page!

Contact: Keith LaRoy  
716-485-1537

## Dynamic Accumulators

Mark Messinger - Cattaraugus County Master Gardener Apprentice

“Best of all, comfrey leaves make a brilliant liquid plant feed - so you never need to spend money on a shop-bought bottle again!” (gardenorganic.org.uk) 1

They accumulate; we accumulate. We’re dynamic accumulators. For them to accumulate minerals in their leaf tissues seems remarkable behavior. What do these need so much calcium for? How come those have so much potassium? They mine with their roots; we mine with our tools. It all seems a little uncanny, but these plants are so tough and assertive, that some further investigation is warranted.

“Whereas the study of hyper-accumulation is specifically focused on the accumulation of toxic heavy metals, dynamic-accumulation focuses on the accumulation of beneficial nutrients.” (smallfarms.cornell.edu) 2

Hyper-accumulating toxic heavy metals, in the plants, is useful for gradual land remediation, by removing contaminants from the soil and concentrating them above ground in plant tissues, which can be easily removed. But for gardening purposes, accumulating nutrients, right in the garden, to be removed for use as fertilizer, seems like an interesting proposition.

“In the context of agriculture, ‘dynamic’ refers to the plants’ use of active transport, rather than normal diffusion, to transport a nutrient against the concentration gradient, to achieve a higher nutrient concentration in the plant than in the surrounding soil.”(smallfarms.cornell.edu)2

If you really detailed where everything comes from (for example, from where was that fertilizer mined or extracted) you run across the problem of how to get it from there to here. The big box store takes care of that problem, but there is a cost. Do we really have to drive somewhere to get our plant foods anyway, with how much we already waste? Wouldn’t it be preferable if the fertilizer was just here already?

“Dynamic accumulators are well-suited to extract specific nutrients from fertile soil, but they aren’t going to create nutrition that isn’t there.” (smallfarms.cornell.edu) 2

An on-farm research study in Central New York proved that dynamic accumulators can concentrate the nutrients, but they are extracting them still. It’s different than clover, which through the symbiosis of bacteria, fixate new nitrogen into the soil. It’s closer to mycorrhizae which unlock the soils nutrients in their own ways. What some dynamic accumulators have going for them, is that they mine deep, and create a liquid product that can be applied in liquid form. The list of proven plants looks like a murderers row of weeds.

- Dried lambsquarters foliage was found to possess potassium concentrations that exceeded dynamic accumulator thresholds (40,715 ppm), and liquid fertilizer made by steeping lambsquarters foliage in water for 5 days contained the highest potassium concentrations of all the trial crops (903 ppm).
- Russian comfrey foliage surpassed dynamic accumulator threshold concentrations for both potassium 52,959 ppm) and silicon (513 ppm), with similarly high potassium concentrations found in the resulting liquid fertilizer (889 ppm).
- Liquid fertilizer derived from stinging nettle foliage proved to be very nutrient rich, possessing the highest concentrations of P, B, Ca, Cu, and Mn after 5 days of steeping compared to all other trial crops, as well as the highest nutrient carryover rates for all of these nutrients plus K and Mg. (Tyler & Zarro, 2022)3

If you are just looking to decoct a witches brew and spray it on your plants, like topical steroids, of the three viable candidates, studied and measured above, the Bocking 14 Comfrey is the least risky, I think. The Bocking 14 cultivar is a sterile hybrid, so it will not self seed, and the upside down purple bell flowers are pretty and are attractive to bumblebees. It’s also the only one that was bred for this specific purpose, without being invasive.

I’ve been growing a patch Bocking 14 comfrey for three years. I am convinced that it is worth the effort, because it’s a welcoming looking multi-use plant that takes little work and doesn’t spread unpredictably. It more or less spreads like a super-powered Hosta, with a root crown, but also deep rhizomatous tap roots. I allow my patch to flower once per year, for one month, and frequently cut back the leaves.

*Continued on page 19*




It had been flowering for more than a month this year when I took my second cutting in July. As you can see, I entirely sheared off the tops, and less than three weeks later, the comfrey looks vibrant and refreshed again. In the next issue I'll go more in depth on its interesting history.

As far as the liquid comfrey fertilizer goes, it is easy. The recipe is chopped or bruised comfrey leaves in a 5 gallon bucket and water. Fill it to the brim, and cover. In three weeks it is ready, though it can go longer. After being strained, the brew's final color and stench are indicative of its strength. Opaque dark brown is full strength, and it's safer and easier to apply diluted with water till it's half-clear. I apply it with a pump sprayer to the leaves and base of my plants. It also works well with drip irrigation, hose end fertilizer sprayers, and watering cans if you strain it well. One plant is enough to get started, and divide next year from the crown or root pieces, as you like.

Sources:

1. <https://www.gardenorganic.org.uk/expert-advice/garden-management/soil/comfrey>
2. <https://smallfarms.cornell.edu/2022/04/new-findings-further-the-study-of-dynamic-accumulators/>
3. A Dynamic Accumulator Database and Field Trials for Six Promising Species, Ben Tyler and Greta Zarro, December 2021, Northeast SARE



**Gardening with Bulbs for Spring**  
with Master Gardener, John Balocki

**When:** Wednesday, November 15, 2023  
5:00pm-6:00pm

**Where:** Cornell Cooperative Extension  
28 Parkside Drive Ellicottville NY

**Register:** Please preregister by visiting the link below  
or calling the office at (716) 699-2377

[https://reg.cce.cornell.edu/springbulbs\\_258](https://reg.cce.cornell.edu/springbulbs_258)


It's always a good plan to have something to look forward to. And in gardening, in late fall and winter, we look forward to spring. Spring blooming bulbs are the tonic to shorten the winter doldrums. In fact, there are spring blooming bulbs that will appear as early as a February thaw and continue sequentially into May.

Most of us are familiar with crocus, daffodils and tulips. But how about trying some new and interesting bulbs for that springtime lift we all need? And, how about some new variations of our old 'tried and true' standbys?

This talk will cover old favorites and suggest others that you may not be familiar with and will be based on the many years of experience in which I have enjoyed growing springtime bulbs. Suggestions and some advice will be offered to help you select the best bulbs for success in our climate and where to find them.

**FREE CLASS**

Register today!



Cornell Cooperative Extension  
Cattaraugus County  
<https://cattaraugus.cce.cornell.edu/>

CORNELL UNIVERSITY COOPERATIVE EXTENSION PROVIDES EQUAL PROGRAM AND EMPLOYMENT OPPORTUNITIES.




**Jamesstown Garden Club**  
Presents  
**Flowers for All Seasons:**  
Annual Gardening Symposium  
**Saturday, November 11, 2023**  
Doors Open at 9:30 am

**Jonathan Townsend, Royal Fern Nursery 10 am—11 am**  
**David Clark, Buffalo Botanical Gardens 11 am—12 noon**

*This event will feature David Clark from Buffalo Botanical Gardens and Jonathan Townsend, the Owner of Royal Fern Nursery. David will demonstrate how to make beautiful floral arrangements and Jonathan will lead a discussion about the importance of native plants. Refreshments will be served. Raffle tickets will be available for drawings for a variety of gifts.*

- Preregistration is required along with \$15 payment per guest.
  - Register by mail before November 1, 2023.
    - Complete a registration form.
    - Make checks payable to Jamesstown Garden Club.
    - Mail the registration form and checks to Angie Peck-Rodgers, 419 Orchard Road, Jamestown, NY 14701
- Registrations will be limited to the first 100 paid responses.

The Symposium Will Be Held at the  
YWCA Lake Lodge 185 E. Terrace Avenue Lakewood, New York

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The "Extension Connection" is prepared by the CCE staff and is published monthly by Cornell Cooperative Extension - Chautauqua County. **If you have information for the "Extension Connection" it needs to be in the CCE office by the 10th of each month for the following month's issue.**

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