

Cornell Cooperative Extension of Chautauqua County's

# Extension Connection



Cornell Cooperative Extension  
Chautauqua County

March 2022  
Volume 7 - Issue 3

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**COVER PHOTO: Spring is just around the corner! Melting snow from the roof at the Bit O Breeze Farm in Jamestown, NY. Picture submitted by Matt Harper**

**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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# Association News

## Board of Directors

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Jeff Miller, Cherry Creek  
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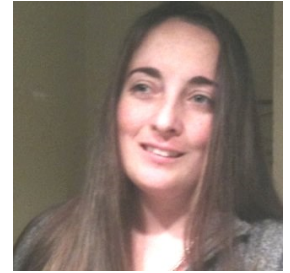
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Mary Jantzi, Clymer  
Joe Osborne, Panama  
Betty Catanese, Stockton  
Beth Southworth, Bemus Point  
Kimberly Witherow, Sherman

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Dan Crowell	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
Rebecca King	Rabbit
Ken Styers	Hog
Shawn Huntington	Sheep

## From the Office of the Executive Director

We are still accepting 2022 subscriptions and enrollments and hope everyone is ready for a fun year with Extension. We have a new LEAF class planned for March and Lisa is helping with some up-coming energy education programming too. Plans are still to be finalized for the use of the American Rescue Plan Act funds and we hope to have details and finances available soon.



We are very pleased to be partnered with the new SWNYDLFC regional Agriculture team, the Cornell Vegetable Program, and the Lake Erie Regional Grape Program. Each regional program is offering exceptional programming opportunities, please visit their websites or reach out to us for details and connection opportunities. We will also be highlighting agriculture in our schools with Ag Literacy Week. If you would like to support this program financially or by becoming a volunteer, please contact Molly Brown at [mrb287@cornell.edu](mailto:mrb287@cornell.edu).

We are fundraising for 4-H through a letter campaign, and we are also hiring a new 4-H Educator. We are also hiring in our Nutrition program for the Expanded Food and Nutrition Education Program, EFNEP is a federally funded program teaching families to eat more healthfully and be more active. If you have any questions, please reach out. We want to thank the Chautauqua County Legislature for their past and continued support of our programs. We are very excited for a first quarter of excellent activities. For complete information please visit our website or contact us today.

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swnyteam@cornell.edu

# Cornell Cooperative Extension

Southwest NY Dairy, Livestock and Field Crops Program

swnydlfc.cce.cornell.edu

A partnership between Cornell University  
and the CCE Associations in these five counties:  
Allegany, Cattaraugus, Chautauqua, Erie, and Steuben.

## 2022 SWNY (Virtual) Field Crops Congress

An eight part virtual series for Field Crops Producers to learn more about the latest research-based recommendations for pest control, weed management, forage production, economic considerations, soil health and fertility, challenges for our 2022 season, and more. Open to all interested Field Crops producers and industry service providers, with DEC, CCE, and FSA credits available.



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employment opportunities.

### Thursday, March 10<sup>th</sup>, 2022

12:30pm to 1:30pm

#### **Navigating, Valuing, and Negotiating Land Leases**

As farm profitability margins tighten, and input prices continue to rise, now's the time to evaluate the role that leased and rented land plays in your crop production – and the effect on your bottom line. Join Farm Business Management Specialist, Katelyn Walley-Stoll, to learn more about the considerations and resources that are available for evaluating and executing your land lease options. Topics of discussion include written lease agreements, "fair" rental rates, and tools for analyzing enterprise opportunities.

### Friday, March 11<sup>th</sup>, 2022

12:30pm to 1:30pm

#### **Getting the Best Bang for Your Fertilizer Buck**

Dr. Quirine Ketterings, Cornell Professor and leader of the Nutrient Management Spear Program, and Kirsten Workman of Cornell PRO-DAIRY, will discuss management and evaluation strategies to help optimize fertility without breaking the bank with your fertilizer budget.

### Thursday, March 17<sup>th</sup>, 2022

12noon to 1pm (DEC Credits Pending)

#### **Keeping Hay Fields Productive**

Dan Steward of WNY Crop Management Association, will address the challenge of keeping long term pastures and hay fields. Discussion of how to deal with established weeds, while keeping pastures and hayfields viable in this regard will be covered. He will show how to better manage via rotation, fertility and harvest management to help control and eliminate weed growth. Problem weeds typically found in pastures and long-term fields will be identified and covered along with what types of herbicides should be used and timing for best possible effectiveness and animal safety.

### Friday, March 18<sup>th</sup>, 2022

12noon to 2pm (DEC Credits Pending)

#### **Corn Nematode Survey Results: Management Implications?**

Mike Stanyard will discuss the results of the corn nematode sampling study from the NWNY region in 2021. We will look at what plant parasitic nematode species were found and at what levels. Some fields were over threshold and therefore possible nematicide management options will be discussed for 2022. Mike is the Field Crops Specialist and Team Leader with Cornell Cooperative Extension's Northwest New York Dairy, Livestock, and Field Crops Program.

#### **Weed Management in Hay and Pasture**

This session will provide a review of cultural and chemical weed control practices for alfalfa or grass, mixed stands, and pasture. It will include practices that give the hay species a competitive edge over weeds and herbicide options for different weed scenarios. Common difficult to control weeds in pasture will be covered as well as improvement of older hay stands with weed invasions. Janice Degni is the Field Crops Specialist and Team Leader with Cornell Cooperative Extension's South Central New York Dairy and Field Crops Program.

### Thursday, March 24<sup>th</sup>, 2022

12noon to 1pm

#### **Factors Influencing Forage Digestibility and Feed Quality**

Advancements in measurements of forage fiber digestibility and a growing understanding of field and management factors that affect digestibility offer the opportunity to improve our management and utilization of forages in dairy rations. This talk will cover factors, from crop type to weather, that affect forage digestibility and overall quality as well as considerations for harvest, storage and feedout management to optimize the use of forages in a feeding program. Led by PRO-DAIRY's Joe Lawrence.

**Friday, March 25<sup>th</sup>, 2022**

12noon to 2pm (2 DEC Credits in 1a, 21, 23)

**Field Crop Disease update: corn tar spot, mycotoxins, and more...**

Gary Bergstrom will provide an update on the diagnosis and management of field crop diseases in New York including two new corn diseases (tar spot and bacterial leaf streak), corn mycotoxins, soybean cyst nematode, and latest options for disease management in corn, soybean, and small grains. Presented by Gary Bergstrom, Professor, School of Integrative Plant Science Pathology and PlantMicrobe Biology Section.

**Soybean cyst nematode in NY: Status update and management options**

Soybean cyst nematode (SCN) is the most damaging pest of soybeans globally, and we are just beginning to identify its expansion into dry bean crops. In this presentation I will discuss SCN damage to crops, the latest statewide survey results, and the latest management options. Presented by Erik Smith, Area Field Crop Specialist with Cornell Cooperative Extension's Central New York Dairy, Livestock, and Field Crops program.

**Thursday, March 31<sup>st</sup>, 2022**

12noon to 2pm (DEC Credits Pending)

**Herbicide Resistant Weeds in Agronomic Crops, Herbicide Shortages, and Novel Weed Control Strategies**

This presentation will focus on the evolution of herbicide resistance in agronomic crops with a focus on the current issues facing New York producers including: Palmer amaranth, waterhemp and horseweed. Results from recent studies indicate that all three species are likely resistant to glyphosate and the ALS-inhibiting herbicide chemistries. The presentation will also include information about projected herbicide shortages and their impacts on weed control success. The talk will conclude with discussions about novel technology being investigated in the US for the control of herbicide resistant weeds (electrical weeding, harvest weed seed control) as well as easily implemented strategies on growers own farms, such as combine cleanout. Presented by Lynn Sosnoskie, Assistant Professor for Weed Ecology and Management for Specialty Crops at the School of Integrative Plant Science, Cornell AgriTech.

**Seed Corn Maggot in NY Corn and Biological Control of Corn Rootworm**

This talk will explore two topics. The first topic addresses the need for seed treatments to prevent stand losses from Seed Corn Maggot and the second topic addresses the use of persistent biocontrol nematodes (entomopathogenic) to control corn rootworm. A single application results in multi-year pest suppression. Presented by Elson Shields, Professor of Entomology at Cornell University.

**Friday, April 1<sup>st</sup>, 2022**

12noon to 2pm (DEC Credits Pending)

**Alphabet Soup – GMO Trait Management**

The options for pest management traits in genetically engineered crops can be confusing and continues to change. Understanding and managing these traits is critical to responsible and sustainable pest management. This talk will help decipher the list of traits from different companies and for various pest addressing trait stewardship to assure target use and minimize the risk of resistance development. Furthermore, how the use of traits can complement the responsible use of pesticides will be discussed. This presentation will be led by Joe Lawrence, Dairy Forage Systems Specialist with Cornell PRO-DAIRY.

**Field Crop Weed Control in 2022**

Limited availability of certain herbicides will likely change the herbicide programs used to control problematic weeds of field crops in NY. Putting together a sound weed management program in 2022 will be discussed. Up-to-date information about the status of herbicide resistant weeds in New York, including effective herbicide resistant weed control strategies and how to prepare for and manage resistant weeds on your farm. Presented by Mike Hunter, Field Crops Specialist with Cornell Cooperative Extension's North Country Regional Agriculture Team.

**THE DETAILS**

**COST**

\$40/farm for access to **any and all** of the virtual sessions. Scholarships available for those who are in need who would like to attend for \$20 or for free. Select the "scholarship" option at payment.

**REGISTRATION**

Register by visiting [tinyurl.com/22FieldCrops](https://tinyurl.com/22FieldCrops) or by calling Kelly Bourne, our program's amazing administrative support, at 855-268-7644 ext. 10 or via email [klb288@cornell.edu](mailto:klb288@cornell.edu).

PLEASE NOTE we will NOT be recording these sessions. Every effort will be made to connect those who are unable to attend live with the session resources and slides. **In-person viewing options available at one of our local CCE offices upon request.**

**DEC AND CCA CREDITS AVAILABLE!**

Let us know at registration that you need credits and be prepared to share your Certification Number.

**TECH REQUIREMENTS**

You will need access to Zoom (phone, tablet, or computer). If you need credits, you'll also need video capabilities.

**SPONSORSHIP**

We are currently seeking agribusiness support for this series. Contact Katelyn at 716-640-0522 for more information.

**IS THIS FOR ME?**

This series has options for agricultural producers of all shapes, sizes, and time in business. Choose the options that best suit your interests and needs.

*For accommodations and accessibility concerns, please contact Katelyn Walley-Stoll by calling 716-640-0522.*

## 2022 L.E.A.F. Workshop

Cornell Cooperative Extension of Chautauqua County's Agriculture Program is excited to announce an upcoming educational workshop.

The LEAF (Learn. Empower. Achieve. Farm.) Series is open to beginning farmers, established farms looking to diversify and grow, agriculture enthusiasts, homesteaders, and EVERYONE in between!



### Key Information about the 2022 LEAF Workshop

- Workshop is \$10 per participant
- Pre-registration is required, to register online click [HERE](#); or call 716-664-9502 ext. 209 or email [lpc33@cornell.edu](mailto:lpc33@cornell.edu) for the registration information.
- ALL classes will be held at the JCC Carnahan Center; 525 Falconer Street; Jamestown, NY.
- Masks are required.
- The best way to keep in touch with CCE-Chautauqua's programming is to subscribe! Visit [www.cce.cornell.edu/chautauqua/subscribe](http://www.cce.cornell.edu/chautauqua/subscribe) or give us a call to get subscribed.

### Equine End of Life- the Hardest Decision of Horse Ownership

**Tuesday, March 8th, 6:00 pm**

Carnahan Center Room 123

Preparing for end of life decisions is challenging yet critically important to ensure humane care of our horses. In this seminar, we will discuss equine end of life considerations, choices for humane equine euthanasia, and viable options for carcass disposal. Discussion of planning for equine care upon death of an owner will also be discussed. Participants can anticipate leaving the seminar feeling prepared to create written end-of-life plans.

Karin D. Bump, Ph.D., PAS will lead us through a compassionate and complete discussion. Karin is the director of Saddle Up NY!, Founder and ED of the National Association of Equine Affiliated Academics: [www.naeaa.com](http://www.naeaa.com). She is also a partner of Equine Education Network: EQUUS Foundation, a contributor to Equine Academics and a certified Business Mentor.

**EQUINE END OF LIFE**  
A HORSE OWNERS HARDEST DECISION

Cornell Cooperative Extension of Chautauqua County  
The LEAF Agricultural Workshop Series  
**Learn. Empower. Achieve. Farm.**

Tuesday, March 8th  
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Carnahan Center  
Room 123

A Cornell Cooperative Extension of Chautauqua County's Agriculture Program iworkshop.



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Cornell Cooperative Extension of Chautauqua County is pleased to announce this upcoming informational program:

**Annual Meeting of the New York Beef Producers' Association Region 2 and Chautauqua County Beef Producers Association For Cattaraugus and Chautauqua Counties**

**Saturday, March 12, 2022**

**The Falcons Nest Banquet Hall, 2001 E. Main Street Ext., Falconer, NY**  
5:30 to 6:30 pm - Social Hour & Visit with Vendors, Buffet Dinner to Follow

*All with an interest in beef cattle are welcome to attend this informational meeting. Membership in these beef producer groups is not required to attend.*

Following the buffet dinner, a short business meeting will kick-off the evening including the election of officers. New officers are needed for our region, as current officers have completed their terms or now serve on the Executive Board of the organization.

Guest Speakers will share timely information which will provide participants Beef Quality Assurance (BQA) re-certification credits:

- Recommended Feeder Calf Protocols, *Phil Trowbridge, of Trowbridge Farms, Ghent, NY*
- An Introduction To: "Secure Beef Supply", *Shannon Carpenter, DVM, NYS Department of Ag & Markets, Division of Animal Industry*

The cost of the dinner is \$30 per person, which will include a delicious buffet prepared by 3-C's Catering. **Reservations for dinner are required by March 4<sup>th</sup> by contacting Ted Card, at 716-664-3339 or [lvj1259@netsync.net](mailto:lvj1259@netsync.net) or Amanda Dackowsky, at 716-432-9871 or [nybeef@nybpa.org](mailto:nybeef@nybpa.org). Payment for dinner will be accepted at the door.**



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**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 Ag Trivia Night



April 2, 2022  
6 – 8 PM  
Noble Winery  
8630 Hardscrabble Rd.  
Westfield, NY

*How many gallons of sap is needed to make one gallon of maple syrup?*

*How many kernels are in an average ear of corn?*

Trivia. *noun.* A Quizzing game involving obscure facts. (An excuse to have an event...)

Share your knowledge of agriculture with your friends in a fun, low-key event. Teams will answer trivia questions related to agriculture as a group. The highest scoring team will win a prize (and bragging rights).

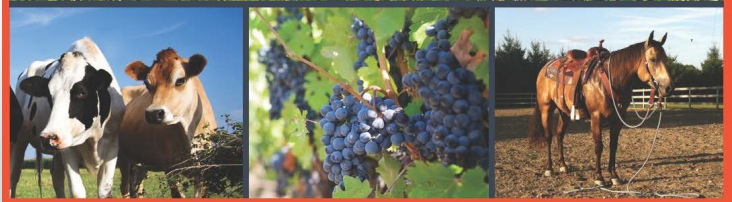
Cash Bar & Silent Auction  
Pizza and bottled water provided!

**Registration fee, payable at door: \$10/person**  
**Call to RSVP your team by March 30<sup>th</sup>.**  
**Shannon Mardino: (716) 969-4189 or**  
**shannon.mardino@farmcrediteast.com**

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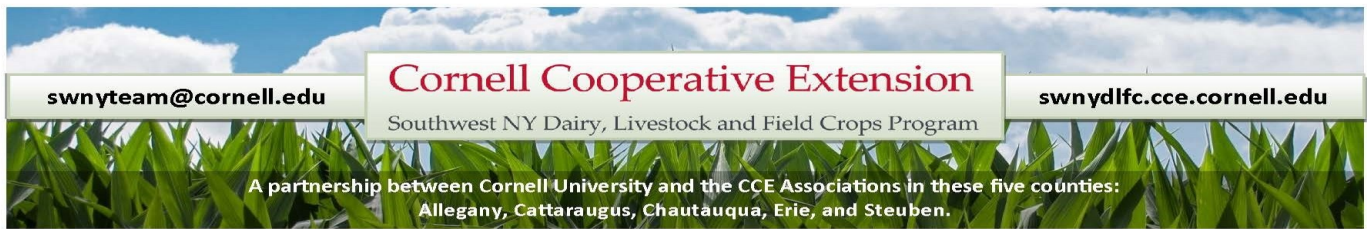
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Cornell Cooperative Extension's Southwest New York Dairy, Livestock, and Field Crops Program (SWNYDLFC)

***Poultry Producers: Be on the Lookout for Highly Pathogenic Avian Influenza (HPAI)***

***Cornell Cooperative Extension shares information about the newly increased threat of an easily spreadable, highly deadly, reportable disease in poultry.***

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

Since the beginning of 2022, nearly 140 cases of Highly Pathogenic Avian Influenza have been identified in U.S. in the wild bird populations in New Hampshire, Maryland, Delaware, Virginia, North Carolina, South Carolina, and Florida, but the virus can easily spread to domestic poultry. This recently occurred on February 8<sup>th</sup> when the virus was discovered in a commercial turkey flock in Indiana. We are asking our poultry producers to keep eye out for suddenly high mortality and to be prepared to report any suspicious whole flock illness.

**What is Avian Influenza (AI)?**

Avian Influenza is a highly contagious poultry virus that has the potential to cause large financial losses to the U.S. poultry industry. A highly pathogenic strain (HPAI), H5N1, last hit the U.S. in 2014-2015, and was considered the nation's largest animal health emergency. Over 200 cases of the disease were found in commercial flocks, backyard flocks, and wild birds. More than 50 million birds were affected and subsequently died or were euthanized on more than 200 farms in 15 states.

**Where does it come from?**

Waterfowl, both wild and domestic, act as carriers. Since the outbreak of 2014-2015, scientists have been monitoring wild bird populations, and waterfowl hunters send their harvested birds in for testing. Wild waterfowl regularly carry low-pathogenic strains of the virus, but it can easily mutate to a highly pathogenic strain, as we've seen this year.

**If it's been mainly identified in wild birds, and it's not yet in NYS, why should I be concerned?**

Wild birds follow one of four migratory routes. NYS is located in the Atlantic Flyway, which includes the states with current HPAI findings. It is anticipated that as birds migrate North in the spring, we'll continue to see the cases in wild birds move with them. It also means that there is an increased potential for the virus to establish in poultry flocks along this route.

**How does it spread?**

HPAI lives in the respiratory and/or intestinal tract of birds. It can be picked up from contact with infected feces, surfaces, or through the air, though ariel transmission from farm to farm is unlikely. It can be transported on infected feed, clothing, or equipment. Once on the farm, the disease is readily passed from bird to bird, infecting an entire flock quickly.

**Which flocks are affected?**

Flocks of any size, from back yard to commercial, and any species can be affected.

**Common symptoms:**

Any birds can be affected, but birds other than waterfowl react most strongly to the virus. Poultry infected with HPAI may show one or more of the following symptoms:

- Sudden death without clinical signs
- Lack of energy and appetite
- Decreased egg production or soft-shelled or misshapen eggs
- Swelling of head, comb, eyelid, wattles, and hocks
- Purple discoloration of wattles, comb, and legs
- Nasal discharge, coughing, and sneezing
- Discoordination
- Diarrhea

*(continued on page 10)*

(continued from page 9)

A high level of mortality without any clinical signs is known to be a hallmark of the virus. In some cases, expect 100% of the flock to die within a few days. Regardless of how the disease presents, a large portion of the birds in a flock will be affected. Waterfowl may carry the virus but not show symptoms.

### What do I do if I think I have HPAI in my flock?

Report it! If your birds are sick or dying, it's important to report it immediately so that we can stop the spread to any other flocks. You can call:

- Your local veterinarian or flock veterinarian
- The State veterinarian serving your county
- The State Animal Health Diagnostic Center, at (607) 253-3900 or email [poultryhealth@cornell.edu](mailto:poultryhealth@cornell.edu)
- The USDA toll-free at 1-866-536-7593

### What can I do to manage for it?

Because there is not a vaccine currently available in the U.S. for this disease, keeping it out through biosecurity is going to be the best course of action. The easy-to-follow biosecurity principles below can go a long way to keeping your birds safe from disease:

- Establishing an "all-in, all-out" flock-management policy
- Protecting against exposure to wild birds or water or ground contaminated by wild birds
- Closing bird areas to nonessential personnel or vehicles
- Providing employees with clean clothing and disinfection facilities and directions for their use
- Thoroughly cleaning and disinfecting equipment and vehicles (including tires and undercarriage) when entering or leaving the farm
- Banning the borrowing or lending of equipment or vehicles
- Banning visits to other poultry farms, exhibitions, fairs, and sales or swap meets (if visits must occur, direct workers to change footwear and clothing on their return)
- Banning bringing birds in slaughter channels back to the farm

If you have any questions about this disease, please contact Amy Barkley at (716) 640-0844 or [amb544@cornell.edu](mailto:amb544@cornell.edu). The information used to create this article is shared by the United States Department of Agriculture – Animal Plant Health Inspection Service (USDA -APHIS).

SWNYDLFC is a partnership between Cornell University and the CCE Associations of Allegany, Cattaraugus, Chautauqua, Erie, and Steuben counties. Their team includes Katelyn Walley-Stoll, Farm Business Management (716-640-0522); Camila Lage, Dairy Management (607-422-6788); and Amy Barkley, Livestock Management (716-640-0844). CCE is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.

For more information about Cornell Cooperative Extension, contact your county's Association Executive Director. Allegany County – Laura Hunsberger, [lk47@cornell.edu](mailto:lk47@cornell.edu) or 585-268-7644. Cattaraugus County – Dick Rivers, [rer263@cornell.edu](mailto:rer263@cornell.edu) or 716-699-2377. Chautauqua County – Emily Reynolds, [eck47@cornell.edu](mailto:eck47@cornell.edu) or 716-664-9502. Erie County – Diane Held, [dbh24@cornell.edu](mailto:dbh24@cornell.edu) or 716-652-5400. Steuben County – Tess McKinley, [tsm223@cornell.edu](mailto:tsm223@cornell.edu), or 607-664-2301

## A SMART CHOICE

Choosing the right insurance is about more than just getting the quickest quote. For more than a century, **AMERICAN NATIONAL** has provided reliable service and knowledgeable advice from local agents who take the time to listen and understand your unique needs.



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<https://an.insure/georgehaffenden>

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14-065.87136.V4.03.20

## 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, Jay Gould,  
Bruce Kidder, Allen Peterson, Lisa Vanstrom



SWCD Staff: David Spann, District Field Manager  
Cassandra Pinkoski, Grants Specialist  
Greg Kolenda, District Field Technician  
Hailey Brown, Water Quality Technician

NRCS Jamestown Field Office Staff:  
Robert Nothdurft, Resource Conservationist  
Anna Emke-Walker, Soil Conservationist

### A Forest in Need

Many landowners across Chautauqua County own property that contains woodland within its borders. Woodlands, or forests, are a fantastic resource for landowners to have access to. A woodlot can provide recreational uses like hunting, ATV riding, and hiking, or can simply be used for financial gain as a well-managed woodlot. Over the years of use, a landowner may notice issues that arise, like erosion on trails, water crossings in poor condition, or maybe logging roads in disrepair. What can be done to amend these issues?

The Chautauqua County Soil & Water Conservation District may be able to help. One route a landowner can pursue would be through the Agricultural Environmental Management (AEM) program. The District also offers technical assistance to landowners in need at no cost for our consultation. Upon request of assistance from the landowner, a staff member would set up a convenient time to meet and walk the land with the owner. This allows our staff to get a visual as to what could be the root of the issue, where it's taking place, and what would most effectively treat the issue. Staff can suggest a plan of action, provide contractor options, and assistance in permitting if need be. It may also be recommended that a forester help implement a forest management plan if the landowner is inclined to create a healthier, well managed forest, in addition to making some income. Let's say the landowner has had time to review all available options and they decide to pursue the AEM program.

What exactly is AEM? This program is voluntary, and incentive based to help participants in making sensible, cost-effective decisions while protecting New York State's natural resources. To partake in this program, there is a five-tiered approach. Tier one is utilized to gauge the

interest of the prospective applicant. Tier two is utilized to assess the existing stewardship and environmental concerns. Tier three will help to develop a property-specific conservation plan. Tier four's purpose is to implement the best management practices identified in tier three. The fifth tier provides the opportunity to evaluate and update plans. This process has the potential to provide the landowner with financial assistance to help cover the costs associated with implementing the determined best management practices.

If you are a landowner that feels you and your forest could benefit from the services our office provides, please contact us. Our phone number is 716-664-2351 x5. We have many resources and paths to suit a multitude of different needs. The Chautauqua County Soil & Water Conservation District looks forward to hearing from you!



## March

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 <b>Clover Connection</b> 6:30 PM	2 <b>Hog Committee</b> 6:30 PM	3 <b>Beef Project</b> 7:00 PM <b>Rabbit Committee</b> 7:00 pm	4 <b>Horse Communications</b> 5:00 PM	5 <b>Presentation Day</b> 9:00 AM <b>Horse Communications</b> 9:00 AM
6	7 <b>Goat Committee</b> 6:45 PM	8 <b>Exhibition Poultry Project</b> 7:00 PM <b>Horse Committee</b> 6:30 PM	9 <b>Dog Committee</b> 7:00 PM <b>Meat Animal Sale Committee</b> 6:30 pm	10 <b>Beef Committee</b> 7:00 PM <b>Sheep Committee</b> 6:00 PM <b>Sheep Project</b> 7:00 PM	11	12
13	14 <b>Goat Project</b> 6:45 PM	15 <b>Exhibition Poultry Committee</b> 6:30 pm	16 <b>Dog Project</b> 6:30 PM <b>Hog Project</b> 6:30 PM	17 <b>Market Poultry Project</b> 6:30 PM Committee to Follow	18	19 <b>Dairybuds Meeting</b> 1:00 PM <b>Dairy Judging Meeting</b> 2:00 PM
20	21	22	23	24	25	26 <b>Spring Rabbit Show</b> Maple Springs Firehall 10:00 AM <b>Sheep Selection Meeting</b> Carlberg Farms 10:00 AM
27	28	29	30	31		

## April

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 <b>Goat Committee</b> 6:45 PM	5 <b>Clover Connection</b> 6:30 PM <b>Exhibition Poultry Project</b> 6:30 PM Committee to follow	6 <b>Dog Committee</b> 7:00 PM <b>Hog Committee</b> 6:30 PM	7	8	9 <b>Hog Weigh-In</b> 10:00 AM Fairgrounds
10	11	12 <b>Horse Committee</b> 6:30 PM	13	14	15	16
17	18 <b>Goat Project</b> 6:45 PM <b>Tractor Safety Class</b> 9:00 AM	19 <b>Rabbit Committee</b> 7:00 PM	20 <b>Hog Project</b> 6:30 PM <b>Tractor Safety Class</b> 9:00 AM	21 <b>Beef Committee</b> 7:00 PM	22	23 <b>Super Dog Saturday</b> 10:00 AM <b>Clothing Evaluation</b>
24	25	26 <b>Rabbit Project</b> 6:30 PM	27	28	29	30 <b>Market Poultry Chick Pickup &amp; BBQ Fundraiser</b>



## Tractor and Farm Machinery Safety Certification Course

*“All youth who drive tractors & operate equipment age 14 and over are encouraged to participate!”*

Chautauqua County 4-H will be holding a Tractor and Farm Machinery Safety Certification Course for youth age 14 and older. The purpose of this course is to prevent injury and save lives. To receive a certificate, a young person must complete 24 hours of instruction. This includes participation in classes (10 hours), home study and assignments (9 hours), and a practice driving day (5 hours) at local machinery dealerships for a total of 24 hours.

Students need to bring a lunch each of the three days. The cost is \$30 per youth. Classes will take place Monday, April 18, Wednesday, April 20 at the Carnahan Center on the JCC campus in Jamestown and the driving portion will take place on Saturday, April 23 at either LandPro in Falconer or Larry Romance and Son in Sheridan. Full participation in this program is mandatory to receive certification. Pre-registrations are required by Friday, March 28th by contacting Lisa Kempisty, Extension Educator at 716-664-9502 Ext 203 or by e-mail at [lj4@cornell.edu](mailto:lj4@cornell.edu) (this will allow adequate time for homework materials to be mailed to youth).

## Chautauqua County Beef Classic

**May 7, 2022**

**Chautauqua County Fairgrounds,**

**Dunkirk, NY**

**Judge: TBD**

**This show is open to all Junior exhibitors 21 and under as of 1/1/22.**

**The Classic is a Steer and Heifer Show with the Supreme Heifer getting the opportunity to compete at the NYS State Fair.**

**Check in on May 7 from 8:30 – 10:00. Steers will be shown by weight.**

**Join our Facebook event post for entry and show details!**

**Come and join in on the action at the Classic!!**

**The Classic benefits:**

**Chautauqua County 4-H Beef Program**

## It's Pheasant Time!

The Department of Environmental Conservation is once again distributing day-old pheasant chicks for the rearing and release project to qualified 4-H members. Rearing pheasants is enjoyable, challenging, and teaches youth responsible behavior. If you would like to order chicks, please call the 4-H Office 664-9502 x 214 no later than Friday, March 11.



**Thank you to Matthew Brown!**

Matthew Brown, a Canadaway 4-H Club member and member of the Chautauqua County Dog and Rabbit Projects has made a new sign for the bathroom building at 4-H Acres in Stockton. We appreciate your time and talents!

### 4-H Staffing Update

As you may know, we are currently hiring a new 4-H Educator. Until that position has been filled, please direct any 4-H related inquiries to the 4-H Administrative Assistant Lisette Cabrera. Lisette can be reached during business hours Monday-Thursday at 716-664-9502 ext. 214 or [LMC323@cornell.edu](mailto:LMC323@cornell.edu).

### Fair Scholarship Information

The Chautauqua County Fair would like to invite High School Seniors and students enrolled in college to apply for the New York State Association of Agricultural Fairs and New York State Showpeople's Association Scholarships.

Qualifying students must be active at the Chautauqua County Fair. All applicants from Chautauqua County must submit their application through the Chautauqua County Fair office no later than **Friday, April 8, 2022**.

Information is available at the Chautauqua County Fair Office, PO Box 1911 Dunkirk NY 14048, at CCE Chautauqua, and from local high school offices. Applications must be printed and completed from the web at [www.nyfairs.org](http://www.nyfairs.org). Printed copies are available at the 4-H Office.

### TERENCE J. CENTNER AGRICULTURAL AND ENVIRONMENTAL 4-H SCHOLARSHIP FUND

#### Who is Eligible to Apply?

1. Graduating seniors from Brocton, Dunkirk, Forestville, Fredonia, Ripley, Silver Creek, or Westfield.
2. Participating members of the 4-H Program for 3 years with an outstanding agricultural or environmental project involving gardening, horticulture, raising food animals, conservation, forestry, environmental activities or other related projects.
3. Students accepted to a four-year college or university.

**Contact the 4-H Office or your guidance office for an application due by May 1st.**

See our webpage for additional scholarship information at:  
<http://chautauqua.cce.cornell.edu/4-h-youth/current-4-h-families>

# SAVE THE DATE!

## May 7<sup>th</sup>, 2022, Animal Crackers will be back in person at Cornell!

We are happy to be back with you all and hope you can join us! This year we will be highlighting FOUR species! They will include **bovine, goat, equine, and dog!** If you have never been to Animal Crackers before, this is geared to 4-H members involved in animal science projects. The suggested age range is 8-12, but anyone over 8 is welcome!

There is a \$20 fee per youth; chaperone's are free. Participants must register with their local 4-H Youth Development program through their local county Cornell Cooperative Extension Office. County 4-H educators can register youth via the Animal Crackers 2022 Registration Portal beginning March 1<sup>st</sup>! Counties will be billed directly for all registration fees.

Please check out the **Animal Crackers** website at <https://4.ansci.cornell.edu/events-2/animal-crackers> for more information about this event and the COVID protocols we will be following.





# 4-H Dairy News



## New York State 4-H Dairy Quiz Bowl

In-person event planned at this time to be held in Morrison Hall on Cornell Campus on April 23, 2022. More detailed information coming soon!

## 4-H Dairy Judging Meetings to Begin

Join us for our upcoming 4-H Dairy Judging Meeting to be held on Saturday, March 19<sup>th</sup> from 2:00 pm – 3:30 pm at JCC Carnahan Building, 241 James Avenue, Jamestown. All interested 4-H members are encouraged to attend! We will review parts of the cow, learn how to judge dairy cattle and will complete entries for the Hoard’s Dairyman Cattle Judging contest. Additional barn judging meetings are being confirmed for April and May 2022.

## 2022 Dairy Discovery Program

We are excited to welcome youth back to campus for an in-person Dairy Discovery program on March 26, 2022, at Cornell University in Morrison Hall. The statewide program is for youth ages 14 to 19 years old. Youth will learn about dairy careers by rotating through a series of hands-on stations that focus on specific aspects of the dairy industry. We will be taking a whole-farm approach to the workshops this year and touch on many different aspects of dairy management. This program is open to 4-H project members, FFA youth, and others with a dairy interest or desire to learn about dairy are all welcome. The cost of the program and travel for Chautauqua County 4-H dairy members will be paid by our 4-H dairy funds. Chaperones are needed to drive youth to Cornell University in Ithaca.

More details can be found at this website: <https://cals.cornell.edu/pro-dairy/our-expertise/youth/dairy-discovery-workshop>. As we return to in-person events, the health and safety of attendees, sponsors, speakers, and staff is the highest priority. As of January 24, **proof of negative test results or vaccination is required by Cornell to be shown at check-in. Masking will be required by all attendees**, regardless of vaccination status. Cornell recommends a single use surgical or K/N95 mask instead of a cloth mask.

Please contact Lisa Kempisty at 716-664-9502 Ext 203 or by e-mail at [lj4@cornell.edu](mailto:lj4@cornell.edu) by March 7<sup>th</sup> if you are interested in attending. Our CCE office will register interested youth.

### 4-H Dairy Fundraiser A Success!

Thank you to the youth, parents and pizza kit buyers for another successful 4-H Dairy Fundraiser. Much appreciation to Kelsey Neckers, 4-H dairy committee member, for serving as the chairperson of the fundraiser. The 4-H Dairy program sold 296 pizza kits for a total profit of \$1,776! The 4-H Dairy Program Committee would like to thank all the buyers for again supporting our programming, the parents for delivering all the pizza kits, the volunteers for helping sort out the kits upon delivery and the Woodis family for offering your garage as the delivery location.

As an incentive to participate in the fundraiser, any 4-H Dairy Youth/Family that sold 10 kits will receive their choice of a ride pass or \$10 in 4-H Snack Bar Money. Also, for every 10 kits sold the youth/family received one entry towards a \$50 cash award. Our winner of the \$50 cash award was Paige & Wyatt Winton – Congratulations!

### 4-H Dairy Youth Selling 10 or more kits:

- Anna, Clara and August Carlberg
- Ava and Grace Meyer
- Ava Burrridge/Aria Paff
- Corinne Covert
- Dayne Jantzi
- Erma Wolcott
- Esther Knappenberger
- Jillian Bond
- Laine Carpenter
- Levi & Evan Mierzwa
- Paige & Wyatt Winton
- Tyler Crowell
- Woodis Family

The funds received from the pizza fundraiser will be used to help fund various upcoming educational opportunities for our Chautauqua County 4-H dairy youth. Thank you again to everyone for their efforts with this fundraiser!

# Animal Project News



## Beef Project

### Committee Meetings

Thursday, March 10, 2022  
7:00 PM at JCC  
Thursday, April 21, 2022  
7:00 PM at JCC

### Project Meeting

Thursday, March 3, 2022  
7:00 PM at JCC

### Beef Classic Show

Saturday, May 7, 2022  
Chautauqua County Fairgrounds  
Check in from 8:30 AM—10:00 AM  
(Open to all exhibitors 21  
And under as of January 1, 2022)

Committee Chair: Dave Schauman  
janschauman@gmail.com



## Rabbit Project

### Committee Meetings

Thursday, March 3, 2022  
7:00 PM at JCC  
Tuesday, April 19, 2022  
7:00 PM at JCC

### Project Meeting

Tuesday, April 26, 2022  
6:30 PM at JCC

### Spring Rabbit Show

Saturday, March 26, 2022  
10:00 AM at Maple Springs Firehall

Contact a Rabbit member to  
purchase a Mother's Day flower  
basket!



Committee Chair: Becky King  
redyeking@yahoo.com



## Sheep Project

### Committee Meetings

Thursday, March 10, 2022  
6:00 PM at JCC

### Project Meeting

Thursday, March 10, 2022  
7:00 PM at JCC

### Selection Meeting

Saturday, March 26, 2022  
Carlberg Farms - 10:00 AM

Committee Chair: Shawn Huntington  
shuntington@randolphcsd.org



## Horse Project

### Committee Meetings

Tuesday, March 8, 2022  
6:30 PM at JCC  
Tuesday, April 12, 2022  
6:30 PM at JCC

### Horse Communications

Friday, March 4, 2022  
5:00 PM at JCC  
Saturday, March 5, 2022  
9:00 AM at JCC

Committee Chair: Kasey Fanara  
blondieshort24@yahoo.com



## Exhibition Poultry Project

### Committee Meetings

Tuesday, March 15, 2022  
7:00 PM at JCC  
Tuesday, April 5, 2022  
To Follow Project Meeting at JCC

### Project Meeting

Tuesday, March 8, 2022  
6:30 PM at JCC  
Tuesday, April 5, 2022  
6:30 PM at JCC

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



## Hog Project

### Committee Meetings

Wednesday, March 2, 2022  
6:30 PM at JCC  
Wednesday, April 6, 2022  
6:30 PM at JCC

### Project Meeting

Wednesday, **March 16, 2022**  
6:30 PM at JCC

**IN PERSON ATTENDANCE STRONGLY  
ENCOURAGED FOR THIS MEETING**

Wednesday, April 20, 2022  
6:30 PM at JCC

### Hog Weigh-In

Saturday, April 9, 2022  
Fairgrounds—10:00 AM

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

Committee Chair: Ken Styers  
styersk@yahoo.com



## Dog Project

### Committee Meetings

Wednesday, March 9, 2022  
7:00 PM at JCC  
Wednesday, April 6, 2022  
7:00 PM at JCC

### Project Meeting

Wednesday, March 16, 2022  
6:30 PM

### Super Dog Saturday

April 23, 2022  
Location TBA  
10:00 AM

Committee Chair: Roxanne Young  
roxy6825@windstream.net



## Market Poultry Project

### Committee Meetings

Thursday, March 17, 2022  
Following Project Meeting at JCC

### Project Meeting

Thursday, March 17, 2022  
6:30 PM at JCC

### Chick Pick Up and BBQ Fundraiser

Saturday, April 30, 2022

Committee Chair: Julie Covert  
jcoverts@windstream.net



## Goat Project

### Committee Meetings

Monday, March 7, 2022  
6:45 PM at JCC  
Monday, April 4, 2022  
6:45 PM at JCC

### Project Meeting

Monday, March 14, 2022  
6:45 PM at JCC  
Monday, April 18, 2022  
6:45 PM at JCC

Contact: Keith LaRoy  
716-485-1537



## Dairy Project

### Dairybuds Meeting

Saturday, March 19, 2022  
1:00 PM at JCC

Committee Chair: Dan Crowell  
Annam@acct-solutions.com

## 4-H Clover Connection

Tuesday, March 1, 2022—6:30 PM Virtual

Topic: Ag Literacy Week

Tuesday, April 5, 2022—6:30 PM Virtual

Topic: Volunteers and Committees



CHAUTAUQUA  
COUNTY  
4-H



## Starting Seeds Indoors – Jump Start Your Garden

Sharon A Rinehart – Chautauqua County MGV

Starting seeds indoors has many benefits. You can find different varieties in one of the many seed catalogs that start coming in January. Starting your own plants can also save you money. One pack of seeds might last you a couple of years – depending on how many plants you need. Many vegetables need a longer growing season than what you may have outside. For example, peppers should be started 8 weeks before the last frost so there will be enough growing time for the plant to produce peppers. Seed packages will normally have the amount of time before the last expected frost date that they should be started indoors.

If you are ordering from a catalog, try to find a company that is located close to your area. If you live in the East, seeds from companies in the west may not produce as well in the east. Harris Seeds, Burpee, Johnny Select Seeds, and Ferry-Morse are just a few from Eastern United States. You might also find a smaller local company that has seeds suitable to our area.

There are a variety of containers that can be used to start seeds. The container should be 2 to 3 ½ inches deep and have adequate drainage. Many stores and garden centers have trays with multiple cells for starting seeds. If you use containers that had plants in them from the previous year, you will need to clean and disinfect them. Diseases from the previous year can be harbored in the container and will infect your new seedlings. The containers can be washed with mild soap and water. To disinfect, you can submerge the containers in a bleach solution of 1 part bleach to 10 parts water. After disinfecting, rinse and dry thoroughly.

The best growing medium for starting seeds is a soilless mix. It should be sterilized and be fine textured. These mixes normally contain peat moss, vermiculite, and perlite. Before using, the soilless mix should have water added to it. It should be moist but not overly wet. Fill the containers you will be using for the seeds with this soilless mix. Put the containers into a tray that can catch the extra water.

The depth you plant the seeds can be found on the seed package. It is normally 2 to 4 times the diameter of the seed. Sprinkle dry soilless mix over the seeds unless they are tiny seeds that germinate on the top of the mix. Mist

the top lightly. Place a plastic wrap over the tray or place it in a clear plastic bag. If you are using purchased tray and containers, you can put the plastic dome over the containers. The plastic wrap, bag, or dome will help keep the mix moist. The tray should be kept in a warm place with temperatures between 65-75 degrees. A heated seed starting mat works well at maintaining the temperature. Do not place in direct sunlight.

Once the seeds start to germinate, the plastic cover/wrap should be removed as well as the bottom heat mat (if using). The seedlings should now be put under a light source for 14-16 hours each day. The light source should be 2-4 inches above the top of the seedlings. The light source can be a shop light with one cool white bulb and one warm white bulb. This combination will provide adequate wavelength for the seedlings. Seedlings can be put in a south facing window but generally will become leggy from not enough light. Daylight in Eastern United States is not long enough at this time of year for the seedlings to do well.

When the seedlings have their first set of true leaves, a diluted fertilizer will help with their growth. Ensure you use a diluted fertilizer and use it once a week. When the seedlings develop a true second leaf, they can be thinned or transplanted to other containers. There should be one seedling per container.

The seedlings will continue to grow inside until the danger of frost has past and you can move them outside into your garden.

### References:

*Delate, Kathleen and Chris Currey, Gardening While Isolated: Fertilizing Your Seedlings, Iowa State University Extension and Outreach, May 1, 2020.*

*Hubbard, Pamela T, Seed Starting Demystified, Master Gardener Monroe County, PennState Extension, January 29, 2018.*

*Peronto, Marjorie and Theresa Guethler, Starting Seeds at Home, The University of Maine, Cooperative Extension Publications, Bulletin # 2751, January 2021.*

*Springfield Green County Library District, "Master Gardeners Q & A: Indoor Seed Starting", YouTube Video, 54 min, May 11, 2021, [www.youtube.com/watch?v=ihFouGNYR2A](http://www.youtube.com/watch?v=ihFouGNYR2A).*

*von Rosenberg, Susanne, Seed Starting, UC Master Gardeners – Napa County, University of California Web, March 16, 2009.*

# SNAP-Ed New York

SAVE TIME. SAVE MONEY. EAT HEALTHY.

SOUTHWESTERN REGION



## March is National Nutrition Month®



Celebrating flavors from cultures around the world is a tasty way to nourish ourselves and appreciate our diversity. We are all unique with different bodies, goals, backgrounds and tastes! A Registered Dietitian Nutritionist can help you create healthy habits that celebrate your heritage and introduce you to new foods and flavors.



### COOK & PREP

INCORPORATE YOUR FAVORITE CULTURAL FOODS AND TRADITIONS.



### VISIT AN RDN

SEE A REGISTERED DIETITIAN NUTRITIONIST.



### MEAL PLANNING

MAKE HEALTHFUL CHOICES WHEN AT HOME AND AWAY.



### VARY YOUR DIET

TRY NEW FLAVORS FROM AROUND THE WORLD.

# CELEBRATE YOUR OWN WAY THIS NATIONAL NUTRITION MONTH®.

Keep it simple. Every little, healthful decision matters.

Go veggie one night a week to eat more lean proteins (try a veggie pizza or bean tacos).



Add vegetables and fruits to meals you already make for you and your family (try adding minced veggies to your pasta sauce).

Commit to activities that keep you moving. (try walking to a friend's house or getting off the bus a stop early to get in extra steps).



Come celebrate **National Nutrition Month®** with SNAP-Ed at one of our workshops. Check out our website for dates and times. Follow us on social media to hear fun thoughts from our staff on nutrition.



**[WWW.SNAPEDNY.ORG](http://WWW.SNAPEDNY.ORG)**



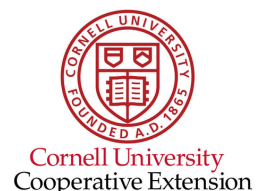
## Directions

- 2 large cucumbers
- 1 lemon
- 2 green onions
- 1 (6-ounce) can low-sodium tuna
- 1 (15 ½-ounce) can white beans
- 1 Tablespoon canola oil
- 1 Tablespoon Dijon or country mustard
- ¼ teaspoon salt & pepper

1. Rinse cucumbers. Peel off skin every ¼ inch, all the way around. Cut lengthwise. Scoop out the seeds with a small spoon.
2. Rinse lemon. Zest using the small holes of a box grater. Cut in half. In a small bowl, squeeze juice. Discard seeds.
3. Rinse and chop green onions.
4. Drain tuna. In a colander, drain and rinse beans.
5. In a medium bowl, mash beans lightly with a fork.
6. Add green onions, tuna, oil, mustard, salt, pepper, lemon zest, and 2 Tablespoons of the lemon juice to beans. Mix with a fork.
7. Fill each cucumber half with ¼ tuna mixture. Serve.



For more information:  
Patty Amidon, SNAP-Ed NY Project Manager  
✉ [paa79@cornell.edu](mailto:paa79@cornell.edu)  
(585)268-7644 ext. 12



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