

Cornell Cooperative Extension of Chautauqua County's

Extension Connection



Cornell Cooperative Extension
Chautauqua County

June 2022
Volume 7 - Issue 6

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COVER PHOTO: Agriculture Producers hay harvesting! The beginning of a busy season!

Your picture could be on our next cover!
Send your submission to lpc33@cornell.edu

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

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Association News

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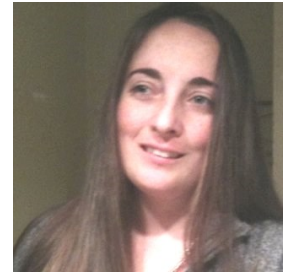
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Mary Jantzi, Clymer
Joe Osborne, Panama
Betty Catanese, Stockton
Beth Southworth, Bemus Point
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Roxanne Young	Dog
David Schauman	Beef, Meat Animal Sale
Kasey Fanara	Horse
Nannette Knappenberger	Snack 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

With a slow start and fast launch Spring is here! Everything is growing, including the team at CCE Chautauqua. We are extremely excited to have new staff this year. In May we welcomed Cassandra Skal to the temporary Agricultural Coordinator Position. Cassandra will be leading the L.E.A.F. (Learn. Empower. Achieve. Farm.), Chautauqua Programs and much more. We are excited to welcome her and look forward to the opportunities that will continue to develop as those programs receive the attention and support they deserve. We have also restructured our 4-H program and are looking forward to its growth, read more about that in our 4-H section.



We have lots of great programming throughout the summer and are already planning for fall activities. Be sure to set aside some time to share in the accomplishments of our 4-H youth at this year's County Fair, July 19- 24, 2022. We look forward to seeing you at any of our events this summer.

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ON-FARM DAIRY PROCESSING

free online series

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SPEAKERS INCLUDE :



Anika Zuber Gianforte
Dairy Processing & Marketing Specialist



Robert Ralyea
Senior Extension Associate



Kimberly Bukowski
Extension Associate



Katelyn Walley-Stoll
Farm Business Management Specialist



Camila Lage
Dairy Management Specialist

MAY
25

Wednesday, 6-7 pm

Session 1

Fitting On-Farm Dairy Processing into your Business to Improve Profitability

JUNE
1

Wednesday, 6-7 pm

Session 2

Considerations for Designing your Processing Facility for Quality Production

JUNE
8

Wednesday, 6-7 pm

Session 3

Managing the "Red Tape" for Efficient and Sustainable Value-Added Dairy

Scan me!



REGISTRATION

is FREE but required for this event:

tinyurl.com/onfarmdairy22, scan the QR code, or

contact Camila Lage

607-422-6788/ cd546@cornell.edu

This material is based upon work supported by USDA/NIFA under Award Number 2021-70027-34693.



National Institute of Food and Agriculture
U.S. DEPARTMENT OF AGRICULTURE

“...relief from swelling... recover quickly.”

— Jonathan Miedema



DUTCHLANE DAIRY, SHERBURNE, NEW YORK
Jonathan and Lisa Miedema
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Consideration for Adoption of Automated Sensor Technology

By Betsy Hicks—Area Dairy Management Specialist

Automated sensor technology for dairy cattle is not only a trending option for dairy farms, but one that is starting to look more attractive as the dairy industry continues to evolve. This article strives to bring some considerations to mind when thinking about adoption of this technology before any purchases are made. Considerations shared are from conversations with Dr. Julio Giordano of Cornell University, who is an excellent resource on all aspects of automated sensor technology for dairy cattle.

Sensors

There are several options for companies to work with, as well as types of sensors available. Typically, sensors are available to be placed in the ear as a tag, or on the collar worn by the cow. Each has their pros and cons, but thinking through which application is right for the herd and facilities is a good first step when considering adoption of a system. If the herd is considering moving towards robotic milking, setting up a collar system from the start may be the right move. If there are problems with using collars, but the herd has facilities that make applying ear tag sensors easy, it may be the better plan. With whichever application a farm chooses, know that there will be a learning curve for the application of sensors and how they may be lost or damaged.

Number of Sensors Needed

The more sensors you utilize, the more expensive (in general) a system will be. By not doing 100% of cows, a herd can save a significant amount of money if they choose to only utilize sensors on half or slightly more of their cows. This scenario makes sense if a herd will be utilizing them for reproduction only, but realize that the poorer reproductive performance a herd has, the more sensors a herd will need, as they would typically stay on cows longer than a herd with excellent reproductive performance. In general, if a herd wants to improve reproductive performance, sensors will achieve about the same results as good visual observation two times a day for about a half-hour each time. If a herd wants to utilize sensor technology for both reproduction and health, a herd can still plan for sensors for a percent of cows, but this may be closer to 65-70% of the herd.

Integration with Dairy Comp

Be advised that all systems that are available don't necessarily integrate well or at all with Dairy Comp 305. Many companies are working on software to achieve this, but if it's a necessity for a herd to have their information integrated into their herd software, be informed of the choices available. For many herds, this isn't a deal-breaker, and opt to flip between programs or utilize a separate monitor for sensor information when using it to compare to herd information.

Labor Savings & Investment

It is very important to keep in mind that a system won't necessarily save a herd labor. Like many technologies, it does change labor and make timing more flexible – such as receiving an alert for a cow in heat, rather than watching for heats. Some herds have been able to minimize their reproductive programs – utilizing only an Ovsynch program instead of an Ovsynch/Resynch program, which has minimized reproductive drug costs and labor associated with giving those shots. At any rate, though, a herd does have to factor in time and labor for applying the sensors and upkeep of the sensors, as well as time to learn and properly utilize the system.

Questions to Ask to Help you Decide on a System

What's the ease of applying the tag or collar, and where would do accomplish this? If there are no headlocks, would you utilize the parlor, and what impacts does that have?

What will the sensors get stuck on or hit on and damaged, or lost?

What's the life span of the tags? What happens after that has expired?

What's the company's tag loss rate? Ask about a clause in your contract that states how many they'll replace at no charge in a specified time period.

If you graze – what is the company's calibration for grazing cattle? Have they calibrated sensors for grazing herds?

What are the best settings for your herd, and how much support is there for tweaking specificity and sensitivity?

What are their tech services? Who does the updates, and how frequently are they done?

2022 L.E.A.F. Workshop Series

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 Workshops:

- Workshops are \$10 per participant
- Pre-registration is required, to register online: https://pub.cce.cornell.edu/event_registration/main/events.cfm or call 716-664-9502 ext. 209 or email lpc33@cornell.edu for the registration information.

ALL classes will be held at the JCC Carnahan Center; 525 Falconer Street; Jamestown, NY



Equine End of Life- the Hardest Decision of Horse Ownership

Tuesday, September 27th, 6:00 pm

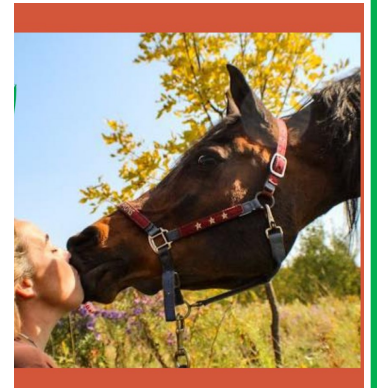
Carnahan Center Room 123

Also offered virtually. Register in advance at:

https://cornell.zoom.us/meeting/register/tJMvcmgrzssEtKh0EyFxeaGlvolef_8iAJo

After registering, you will receive a confirmation email containing information about joining the meeting.

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 for their horse.



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Chautauqua County Dairy Promotions

Pageant

It is time for us to celebrate our 2021-2022 Chautauqua County Dairy Princess, Lily Woodis, and usher in a new Chautauqua County Dairy Ambassador! We will be holding our pageant this year on June 12th, 2022, at 1:00pm at the Mayville Community Center. All current ambassadors and their families are encouraged to attend as well as any new and prospective youth who wish to promote dairy!

Pageant will include speeches, impromptu questions for senior contestants, food and more! More details will be coming soon!

For more information you can reach out to the Chairperson, Madison Woodis, whose contact information is below.

Thank you!

Madison Woodis

Cell: (774) 551-6153

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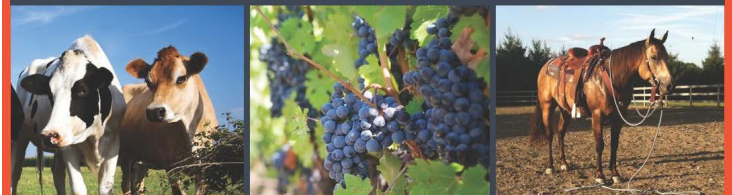
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- ◆ Home Fresh: Starter, Breeder, Ex Egg Layer
- ◆ Organic: Starter, Broiler, Layer pellets
- ◆ Meal Worms & Scratch

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

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- ◆ 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

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Alpaca:

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The 2022 America's Farmers Market Celebration

The American Farmland Trust and the Farmers Market Coalition recently announced the return of America's Farmers Market Celebration (AMFC), a contest intended to promote and showcase markets across the nation making a difference for farmers, ranchers, and communities.

During this time, market shoppers and supporters can vote for their favorite market by visiting markets.farmland.org. In addition to recognizing the top markets in each region of America, the AFMC will crown an overall "People's Choice" winner as the top-endorsed market in the country.

Big or small, in cities or rural towns, farmers markets nourish their communities while helping local farmers, food makers, and artisans thrive. While the AFMC does rank America's favorite markets, the intention is to lift up the vital role farmers markets play across the country. The AFMC database and interactive map markets.farmland.org is the largest and most comprehensive listing of farmers markets in the United States, containing more than 7,000 listings and allowing anyone in America to find local farmers markets wherever they live or visit.

To recognize America's favorite farmers markets, this year, The American Farmland Trust and Farmers Market Coalition announced that total cash prizes have increased to \$10,000 and that the top five markets that finish in the "People's Choice" category will receive an award. The breakdown of prize money is as follows: \$5,000 for first, \$2,500 for second, \$1,500 for third, \$750 for fourth, and \$250 for fifth. These funds will be awarded to markets to go towards marketing, communications, and other needs that help expand the market's reach and impact.



American Farmland Trust is the only national organization that takes a holistic approach to agriculture, focusing on the land itself, the agricultural practices used on that land, and the farmers and ranchers who do the work. AFT launched the conservation agriculture movement and continues to raise public awareness through our No Farms No Food® message.



The Farmers Market Coalition is a 501(c)(3) nonprofit dedicated to strengthening farmers markets across the United States so that they can serve as community assets while providing real income opportunities for farmers.

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
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

How to Manage Invasive Plant Species

When walking about Chautauqua County, it is extremely likely that you will encounter an invasive plant species. You might even be misfortunate enough to have an unwanted, invasive species growing on your property. If this sounds like your circumstance, you are probably aware of the fact that these plants can be extremely difficult to eradicate. Let's discuss some options for those who suffer with these populations.

The best way to prevent the spread of an invasive species is early detection. It is easier to remove a small patch of unwanted plants than to try to remove a well-established infestation. With early detection, eradication can be more achievable. If eradication is not possible, the next best thing is to attempt to manage the species population. The best management practices for invasive species control are as follows: mechanical control, chemical control, physical control, and biological control.

Mechanical control is referring to removal of the plants using tools or machinery. This could include mowing, chopping, tilling, and girdling. Similar in nature is physical control. This would be removal efforts carried out by hand, like mulching, flooding, hand-pulling, and digging. Both are great options for smaller patches of invasives as they can be a lot of physical work and time consuming.

Biological control is a unique way to control invasive species.

Essentially, you introduce a biological factor into the environment that is known to kill the invasive species. Animals, fungi, and disease are all possible biologics that can be utilized to target an invasive species, and hopefully, reduce the population. It is likely that the selected biological factor used to control an invasive species will be from its native lands. Cornell University has some excellent material on biological

control methods that can be found at <https://biocontrol.entomology.cornell.edu/ag.php>.

Chemical control would be the use of herbicides to eradicate the invasive species. While this option can be extremely effective, they are not to be used without proper preparation. Often, people use herbicide without knowledge of what to use, how to use it, and when to use it. Each plant species is different and may require a different herbicide than the plant right next to it. Also, plants can be more effectively treated during specific life stages. It is best to contact a professional to get recommendations on what herbicide to use, when to use it on the plant, and how best to use it to prevent environmental impacts. For instance, if you know it's going to rain the day you were planning to spray your plants, wait until a day it isn't going to. Otherwise, the herbicide that was just applied will easily wash off and be minimally absorbed by the plant. These are some things that a professional would help advise you on. They also might suggest that no herbicide is needed to control the species in question.



Invasive Plant: Knotweed


There are many options when it comes to deciding how to best manage your invasive species population. Again, early detection is the best way to control the population, but it can also allow for total eradication. Be sure to discuss your population species with a professional if you are uncertain of how to best handle the situation, and they can help you determine a management plan that works best for the species and yourself.

References

USDA. (2021). *Control Mechanisms*.

Retrieved May 23, 2022, from National Invasive Species Information Center:
<https://www.invasivespeciesinfo.gov/subject/control-mechanisms>

June

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Hog Committee 6:30 PM Dog Training 4-H Acres 6:30 PM	2	3	4 Dairy Showmanship Clinic—10 AM—2 PM R&D Crowell Farm Western/Driving/Mini Horse Show 9:00 AM Sheep Barn Set Up 10:00 AM
5 Dog Show 4-H Acres 10:00 AM	6 Goat Project 6:45 PM	7	8 Horse Committee 6:30 PM Dog Training 4-H Acres 6:30 PM	9 Beef Project 7:00 PM	10	11 English/Dressage Horse Show 9:00 AM Hog Project Barn Set Up @Stockton and Fairgrounds 9:00 AM
12 Dog Show 4-H Acres 10:00 AM	13 Goat Committee 6:45 PM	14 Program Committee 7:00 PM Rabbit Project 6:30 PM Committee meeting to follow	15 Dog Training 4-H Acres 6:30 PM	16 	17	18 Western/Driving/Mini Horse Show 9:00 AM Hog Project Hog Applebee's Fundraiser 8:00—10:00 AM
19 Market Poultry Drop Off 4-H Acres Time to be Announced Dog Training 4-H Acres 12:00-3:00 PM	20	21	22 Dog Training 4-H Acres 6:30 PM	23 Beef Committee 7:00 PM	24	25 Exhibition Poultry Barn Setup 1:00 PM Goat Barn Set Up 11:00 AM English/Dressage Horse Show 9:00 AM
26 Dog Training 4-H Acres 12:00-3:00 PM	27 Exhibition Poultry Pullorum Testing 5:30 PM	28	29 Dog Training 4-H Acres 6:30 PM	30 Dog Show 4-H Acres 5:30 PM		

July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5 Exhibition Poultry Committee 7:00 PM	6 Hog Project 6:30 PM Hog Committee To Follow Project Mtg	7 Rabbit Committee 7:00 PM Dog Show 4-H Acres 5:30 PM	8	9 4-H Project Evaluation Day 9:00 AM—1:00 PM Fairgrounds
10 Horse Open Gaming Show 10:00 AM	11	12	13 Horse Committee 6:30 PM	14 Rabbit Barn Set Up 6:30 PM Sheep Final Barn Set Up 6:00 PM Sheep Committee To follow Set Up Food & Horticulture Evaluation 6:00 PM	15	16
17	18 Chaut. Co. Fair	19	20	21	22 Meat Anima Sale 12:00 Noon at Fairgrounds	23
24/31 Chaut. Co. Fair	25 Rabbit Barn Tear Down 6:30 PM	26	27	28	29	30



2022 Chautauqua County Fair

Vouchers Due: Thursday, June 16, 2022

Evaluation Day:

Saturday, July 9, 2022
9:00am-1:00pm

Food and Horticulture Evaluation:

Thursday, July 14, 2022
6:00pm-8:00pm

Chautauqua County Fair

July 18-24, 2022

Theme: "Step into your Future"

Meat Animal Sale Bios Due June 24th

4-H youth that are participating in the Meat Animal Sale are asked to provide a brief biography for the sale book. Each bio should be approximately 50 words or less. Each member should submit only one bio, no matter how many projects they participate in. The bios can be emailed to lmc323@cornell.edu. Please have these turned in by Friday, June 24th for inclusion in the Meat Animal Sale Book.



4-H Dairy News



4-H Dairy Showmanship Clinic

Saturday, June 4th, 10:00 am – 2:00 pm
R&D Crowell Farm, 1414 Cassadaga Rd,
South Dayton, NY

All 4-H Dairy Youth are encouraged to participate (regular 4-H members) in this 4-H Dairy Fitting and Showmanship Clinic. Older youth are needed to help younger participants. This clinic will count as a 4-H dairy meeting (Youth are required to participate in 2 meetings during the current 4-H year to show at the county fair in July 2022!)

Our instructor will present a demonstration on how to clip a dairy calf. Youth will clip a dairy calf provided at the farm. We will have a practice dairy show to teach youth how to exhibit a dairy animal. All participants will receive a prize for their efforts.

Lunch will be served and provided by the 4-H Dairy committee.

Please bring your clippers, fitting supplies, and a bucket & brush (Be sure your supplies are all marked with your name!)

Registration is **REQUIRED** by sending an e-mail with name(s) of 4-H members & number of years you have shown 4-H Dairy **AND** name of adults planning to attend, to Lisa Kempisty at ljk4@cornell.edu or by leaving a message at 716-664-9502 Ext 203.

4-H Horse Participants Surpass Other Counties in the 2022 State Horse Communications

Youth in the 4-H Horse Project participated in State Horse Communications last month. This program has specific rubrics youth are evaluated with based on public speaking on horse related topics.



Kendall Eckman was a lone Chautauqua County resident in the junior individual place that placed 5th. Denza Fanara took 5th place in the senior individual just behind Charlotte Couchman who placed 3rd. Tegenya Graziano brought home the gold being crowned the top senior presenter in the state! These ladies deserve a big congratulations, as they put in a lot of hard work to achieve these results!

2022 Fashion Revue

Commentators for the evening were Rachel Comstock and MacKenzy Graziano from the Country Critters 4-H club and Garrett Lesch with Canadaway 4-H club.

First year Cloverbuds receiving special awards were Aubryn Runge and Serenity VanVleck. Other first year sewers were Brielle Crowell, Emelise Runge, and Gianna Valone.

The Martha Carlson Memorial Award sponsored by Ethan and Nancy Johnson is given to any male sewer who has participated in the sewing project for over 3 years and has shown continual improvement in their sewing skills. This year Garrett Lesch from the Canadaway 4-H club received this award.

Outstanding sewing awards were given to Lilliana Neal, Rachel Comstock, Tyler Crowell, Brielle Crowell, Mackenzy Graziano, Ava Meyer, Grace Meyer, Alivia Richter, Emelise Runge, Ava Valone, and Gianna Valone.

The Western District Fashion Revue will be hosted this year by Erie County 4-H in August at the Erie County Fairgrounds, more details will





PLEASE READ: 2022 4-H SNACK BAR NEWS



Dear **4-H** parents, grandparents and friends of 4-H,

Hello! My name is Nannette Knappenberger and I am from Westfield, NY. I introduce myself as the 2022 Chautauqua County 4-H Snack Bar superintendent. A past 4-H-er from 1979-1987, and a mother of 4-H kids from 2003-present, I recognize **4-H as a beautiful generational thing!!**

I write to send out a **PLEA for VOLUNTEERS.....** to any of you **parents of older kids** who need you less at the fair, to **parents who come as a pair for the week and one is available** to volunteer while the other parent is assisting your children, **grandparents who like to be around** during the week and want to **be a part of what is going on** and perhaps who are retired with flexible schedules, **aged out 4-H-ers who missed out on a 'usual' fair** the last two years, or **friends of 4-H** who will be available to volunteer some of their valuable time in the snack bar this year.

Three to five **adults are needed** to oversee 4-H youth and assist during each shift throughout fair week. I am seeking adults **willing to commit, ahead of time** to be present at **pre-determined times**. Volunteers can pick their shifts and days! Shifts will be four hours in length running from: **7-11 a.m., 11 a.m.-3 p.m., and 3-7 p.m.** We are happy to be able to offer the 4-H snack bar as a food option at the fair again. It benefits 4-H families and fair goers alike! If you are someone who is feeling led to help in this way during fair week, **PLEASE email me at:** bright@fairpoint.net

It can be a lot of fun to serve in this way!! If you would like to share your smiles, friendliness and service with 2022 4-H-ers and fair goers, please contact me!!! It is a blessing to serve and will bring you JOY!! Let's form an adult Snack Bar team to help bring about a successful return to the Chautauqua County Fair - - 2022!!!

Thank you ahead of time for volunteering!!

GIVE BIG CHQ

Give Big CHQ is a 24-hour online fundraising celebration that supports the work of countless nonprofits in Chautauqua Co. This event is hosted the second Thursday in June by the Chautauqua Region and Northern Chautauqua Community Foundation.



Chautauqua County 4-H will be participating this year with a goal of raising \$2,000 to support youth programming.

This event is online only. Please like or share GiveBigCHQ posts on social media or share with your email contacts so that others in the community who wish to support 4-H can do so on June 9th.

Donations can be made at www.givebigchq.org. Every dollar helps!

4-H Fair Schedule

Sunday	All Day	Move-in
	7:15 pm	General Barn Meeting
Monday	10:00 am	Rabbit Show
	3:00 pm	Swine Show
	6:00 pm	Harness and Pack Goat Show
Tuesday	9:00 am	Poultry Showmanship/ Poultry Judging Contest to follow
	10:00 am	Market Steer and Breeding Heifer Showmanship and Show
	2:00 pm	Poultry Show
	6:30 pm	Goat Showmanship Clinic
Wednesday	9:00am	Dairy and Meat Goat Show
	9:00 am	Western/Driving Show
	4:00 pm	Sheep Showmanship and Market Lamb & Sheep Breeding Show
Thursday	9:00 am	Dairy Showmanship
	9:00 am	English/Mini Equine Show
	11:00 pm	Dairy Cattle Show
	1:00 pm	Rabbit Showmanship
	7:00 pm	Sheep Lead Line
Friday	8:30am	Dressage Horse Show
	12:00 pm	Meat Animal Sale
	1:00 pm	Mounted Games
	6:30 pm	Quad, Drill and Parade Teams
Saturday	9:00 am	Gymkhana Showmanship & Show
	1:00 pm	Dog Fun Show & Demo
	3:00 pm	All Animal Fun Show
	TBA	Goat Costume & Halter Show
Sunday	1:00 pm	Horse Fun Show



4-H Staff Update



"As Executive Director for CCE Chautauqua, I am delighted with the 4-H team! Each one of them brings different perspectives, experiences and knowledge to work together with our volunteers toward one common goal of positive youth development experiences for all youth in Chautauqua County. I am so excited to see where they will take our program now and into the future."



Lindsey Crisanti is our lead 4-H Educator, assisting in keeping all 4-H programming up to date, relevant and exciting. She joined our team just a few short months ago but is learning quickly and already providing positive feedback and options for our future. In addition to general program oversight and volunteer management, Lindsey is the liaison to the 4-H Program Committee, lead educator for all Animal Science Programming, Conservation Field Days, awards and recognition events, County Fair, State Fair, L.E.A.F. Junior, Tractor Safety Certification, and partnering with Executive Director Emily Reynolds on all grants and contracts for the 4-H Youth Development program. Lindsey works Monday– Friday; 8:00 am—4:30 pm. You can reach Lindsey at 716-664-9502 Ext. 212 or lc832@cornell.edu.



Lisette Cabrera has been with CCE for over 11 years as a pivotal part of the 4-H youth development team, previously handling administrative duties. This year we have promoted Lisette to a Program Coordinator position. Each team member will be assuming most of their own administrative tasks and Lisette will now be our community clubs liaison, assisting club leaders throughout the county and serving as the lead for the Public Presentation Day, Fashion Revue, Officers Training, and Evaluation Day programming. She will also be working closely with club leaders to help expand opportunities, improve collaborations and promote 4-H within the communities. We are excited to have Lisette's expertise and experience to help us expand these programs and provide needed attention to their potential and growth. Lisette works part time, Monday—Thursday; 8:00 am—4:30 pm. You can reach Lisette at 716-664-9502 Ext. 214 or lmc323@cornell.edu



Molly Brown has spent the last 4 years working as our STORY (Science and Technology Opportunities for Rural Youth) Educator, within a regional grant program funded by the Ralph C Wilson Foundation. This July Molly will remain with CCE Chautauqua as a Program Educator continuing to provide, short term, special interest programming related to Science Technology and Engineering to youth at schools, summer campus, afterschool programs, libraries, community clubs and other youth organizations. Molly will also continue to administer the State's Agricultural Literacy Program every spring. Molly's schedule varies greatly with programming needs. She works 20 hours a week and can be reached at 716-664-9502, Ext 215 or mrb287@cornell.edu



Lisa Kempisty has dedicated many years to Cornell Cooperative Extension of Chautauqua County. Her official role at CCE Chautauqua is in the Agricultural program as a Dairy and Livestock Specialist. However a small portion of her time is allocated to the 4-H Youth Development program. Her continued skills assisting with the 4-H Dairy Program, including Dairy Bowl, Dairy Judging, Dairy Explorations and the Dairy shows at County Fair are greatly appreciated. Lisa is a wealth of knowledge and experience and we are grateful to have a small portion of her time for 4-H. Lisa has also recently taken on a role for CCE as a Farm to School Coordinator in an unexpected grant collaboration. Lisa works Monday– Friday from 8:00 am –4:30 pm. You can reach her at 716-664-9502 Ext 203 ljk4@cornell.edu

4-H MEAT ANIMAL SALE PROGRAM POLICY

MISSION STATEMENT: Training Tomorrow's Leaders Today to raise the best quality animal by teaching the 4-Her decision making, herdsmanship, ethical behavior, marketing and communication skills while utilizing parents and leaders for guidance.

1. The only animals sold at fair are raised by a 4-Her as their market animal project. The 4-Her must sell the highest ribbon animal in that species. If a 4-H'er has two animals of the same ribbon color they must choose and declare which animal of that species will sell at the draw for sale order. If a 4-Her is not present at selection of sale order and has 2 animals of the same ribbon color the heaviest animal will sell with the exception of the hog project who will submit their final sale animal declaration to the 4-H Office following their show. All animals that go through the sale become the property of the buyer. No animals may be swapped.

2. Only one animal per species may be sold in the Meat Animal Sale unless the 4-Her has both the grand and reserve champion in the same species-they both must sell in the Meat Animal Sale. Market Poultry will be sold as a pen of 2 birds. Market goats will sell by the head. If the 4-H'er brings an animal to the fair as a project market animal, it must be sold provided it meets all the requirements of the program it is in. For 4-H'ers with more than one animal per species, see rule #6.

3. Commissions will be determined by Meat Animal Sale Committee to reflect market, economic and sale expenses. For year 2022, commission on all animals sold in the Meat Animal Sale is 6 percent.

4. Ribbons will be awarded in all market animal classes (beef, sheep, swine, poultry and goats) by the designated judge for each species. Ribbons will be awarded based on quality and proper finish at the time of the show.

Blue - Excellent

Red - Good

White- Possible No Sale

Youth who receive a white ribbon for the meat animal that they may be selling in the Meat Animal Sale will receive a warning for their first offense. The youth and their family will meet with the Meat Animal Sale committee and the respective animal project committee to discuss better methods for raising an animal that is properly finished.

If a youth receives a second white ribbon for an animal of the same species the next consecutive year on the animal that was intended to go through the Meat Animal Sale they will not be eligible to sell their animal at the Sale.

Example: Jimmy Smith Raises a market hog in the 2021-2022 4-H year. The judge gives Jimmy's hog a white ribbon based on the finish of his hog on show day. Jimmy is allowed to sell his hog this year. Jimmy joins the hog project the next year and again receives a white ribbon. He is not eligible to sell his animal in the meat animal sale but may sell it at the conclusion of the Meat Animal Sale and arrange slaughter and trucking for that animal if necessary. Jimmy tries to raise a hog for the third year and again receives a white ribbon. The cycle begins again and he may sell his animal in the sale.

5. Youth are encouraged to be present for both their show and sale day. If a youth is not present for show day and/or sale day their animal will be sold at the conclusion of the entire sale. The youth may choose to sell their animal outside of 4-H and arrange their own slaughter and trucking arrangements.

6. Market animals not sold in the Meat Animal Sale may be released following their show. Youth must make their own slaughter and trucking arrangements for these animals.

7. Animals purchased through the Meat Animal Sale and donated back for resale will be sold at the end of that species. **The original buyer must state that they donate the animal back for resale to benefit hog, horse, beef, endowment etc. The resale buyer's money goes to where the original buyer designates. The resale buyer gets the animal.**

8. 4-H Advisory Committees must select sale order immediately following their show and submit the sale order to the 4-H Office.

9. All market animals are to be weighed in once for their qualifying weight. See species handbook for qualifying weights on each species. The animals will be sold at this weight.

10. With all 4-H Animal Science Projects, there is an inherent risk involved. Cornell Cooperative Extension, its employees, and volunteers assume no responsibility for any loss or damage. Animals left on premises by the buyer after closing of the barn are done so at the sole risk of the buyer.

11. The possibility exists that health issues or other concerns may arise after the sale and before the slaughter of the animal. If this happens, the buyer(s) are at risk and will have the authority to make decisions regarding the treatment of the animal. The Meat Animal Sale Committee will make every effort to protect the well-being of animals sold through the Meat Animal Sale Auction.

12. Once the gavel falls, the bidder becomes the owner, and the seller becomes the caregiver until the animal leaves the fairgrounds on Sunday following the sale. The buyer is responsible for the trucking of the animal from the fairground as based upon the directions on the sale receipt. The price per pound paid that is above the current market price is considered to be a charitable donation and is tax deductible.

13. Any situation that does not meet above criteria (1-13) must be brought to the attention of Meat Animal Sale Committee, and will be dealt with on a case-by- case basis and voted on by secret ballot.

MEAT ANIMAL SALE PARTICIPANTS

If you plan to donate proceeds from the sale of your market animal-you must get a "Charitable Donation Form" from your adult barn superintendent at the Fair. **This form must be turned into the 4-H Office prior to the sale-WHEN SALE ORDER IS DRAWN.** You must bring the following information with you to fair to complete form: percent of donation, name of charitable organization, and the complete address of charity. **If form is not completely filled out- the donation will not be deducted from your check-you will be responsible to send it on your own.**

2022 Sale Order

Hogs, Goats, Chickens, Lambs, Steers

Animal Project News

Beef Project



Committee Meetings
Thursday, June 23, 2022
7:00 PM at JCC

Project Meetings
Thursday, June 9, 2022
7:00 PM at JCC

Barn Work Day
To Be Announced

Committee Chair: Dave Schauman
janschauman@gmail.com



Exhibition Poultry Project

Committee Meetings
Tuesday, July 5, 2022
7:00 PM at JCC

Poultry Barn Set Up
Saturday, June 25, 2022
1:00 PM @ Fairgrounds

Pullorum Testing
Monday, June 27, 2022
5:30 PM at Fairgrounds

Committee Chair: Jamie Smith
smith_jamie@mac.com



Hog Project

Committee Meetings

Wednesday, June 1, 2022
6:30 PM at JCC
Wednesday, July 6, 2022
After Project Meeting at JCC

Project Meetings
Wednesday, July 6, 2022
7:00 PM at JCC

Hog Workday/Barn Set Up
Stockton and Fairgrounds
Saturday, June 11, 2022

Applebee's Fundraiser
Saturday, June 18, 2022
8:00 AM—10:00 PM
Please arrive at 7:30 AM

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

Committee Chair: Ken Styers
styersk@yahoo.com



Horse Project

Committee Meetings
Wednesday, June 8, 2022
6:30 PM at JCC

Wednesday, July 13, 2022
6:30 PM at JCC

Horse Shows @ 4-H Acres
June 4—Western/Driving/Mini 9:00 AM
June 11—English/Dressage 9:00 AM
June 18—Western/Driving/Mini 9:00 AM
June 25—English/Dressage 9:00 AM

Open Gaming Show/Fundraiser
Sunday, July 10, 2022 10:00 AM

Horse Barn Meeting
Sunday, July 17, 2022 at 6:00 PM

Committee Chair: Kasey Fanara
blondieshort24@yahoo.com



Market Poultry Project

As we are unable to have a Market Poultry Show, we are going to meet at **4-H Acres in Stockton on Sunday, June 19th**. Each 4-H'er is to bring 4 birds to processing. Any birds that don't make weight will also be sent to processor and can either be part of donation or family can pick up at HLW Acres. **The Market Poultry Committee will be sending out times for families to be at 4-H Acres.**

Committee Chair: Julie Covert
jcoverts@windstream.net



Dog Project

Any changes will be posted on REMIND!

Dog Training @ 4-H Acres

Wednesday, June 1, 2022—6:30 PM
Wednesday, June 8, 2022—6:30 PM
Wednesday, June 15, 2022—6:30 PM
Sunday, June 19, 2022—12:00—3:00 PM
Wednesday, June 22, 2022—6:30 PM
Sunday, June 26, 2022—12:00—3:00 PM
Wednesday, June 29, 2022—6:30 PM

Dog Shows @ 4-H Acres

Sunday, June 5th—10:00 AM
Sunday, June 12th—10:00 AM
Thursday, June 30th—5:30 PM
Thursday, July 7th—5:30 PM

Fun Show at Chaut. Co. Fair
Saturday, July 23, 2022 1:00 PM

Committee Chair: Roxanne Young
roxy6825@windstream.net



Dairy Project

Dairy Showmanship Clinic
Saturday, June 4, 2022
10:00AM—2:00 PM

R&D Crowell Farm, South Dayton, NY.

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



Goat Project

Committee Meetings
Monday, June 13, 2022
6:45 PM at JCC

Project Meeting
Monday, June 6, 2022
6:45 PM at JCC

Goat Barn Set Up
Saturday, June 25, 2022
11:00 AM

Goat Pack Hike
June 2022

Additional information to be announced
Watch our Facebook page!

Contact: Keith LaRoy
716-485-1537



Sheep Project

Committee Meeting
Saturday, July 14, 2022
After Final Barn Set Up

Barn Set Up
Saturday, June 4, 2022
10:00 AM @ Fairgrounds

Final Barn Set Up
Saturday, July 14, 2022
6:00 PM @ Fairgrounds
Committee Chair: Shawn Huntington
shuntington@randolphcsd.org

Rabbit Project



Committee Meetings
Wednesday, June 14, 2022
Following Project Meeting @ JCC
Thursday, July 7, 2022
7:00 PM at JCC

Project Meeting
Wednesday, June 14, 2022
6:30 PM at JCC (for Voucher Help)

Barn Set Up
Thursday, July 14, 2022
6:30 PM @ Fairgrounds

Barn Tear Down
Monday, July 25, 2022
6:30 PM @ Fairgrounds

Committee Chair: Becky King
redyeking@yahoo.com

4-H Program Committee—Tuesday,
June 14, 2022 at 7:00 PM at JCC

10th Annual
Master Gardener
Plant Sale



Plant Sale

&

Garden Art Sale

Saturday, June 4th, 2022

9 AM -12 PM



At the JCC Science Center
525 Falconer St.
Jamestown, New York 14701

Perennials, Annuals, Vegetables & Herbs,
Gently used Gardening Books & Equipment,
& Garden Art!

Free soil pH testing all day
(Just drop off your soil sample in a small plastic
baggie. We will test while you wait or while you shop!)

For more information call the CCE Office at (716) 664-9502

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.



This Year a Triple Threat, Gardeners Watch for Invasive Pests

By: Contributing Master Gardener, Mark Sullenberger

This year appears to have the making of multiple threats to gardening and agriculture. Invasive pests are a fact of life for the gardening public. The invasive pests are often non-native species that negatively impacts the production of agriculture or natural wildlife. Recent invasive pests such as the Emerald Ash Borer and Asian Long Horned Beetle changed the Native biome of our landscapes forever. This may never recover as it was before their presence. We are always watching for new risks to our landscape. The following three pests appear to significantly impact our area very soon.



Spotted Lanternfly-nymph stage and adult. Photo Lawrence Barringer, PA Dept. of Ag

Spotted Lanternfly (*Ly-cor-ma deli-ca-tu-la*) is a non-native species from Asia, first discovered in Pennsylvania by overseas transport. First seen in 2014, since then has spread to several eastern states including New York. As of 2021 the closest infestation was located in Mercer County Pennsylvania, north of Pittsburgh. Its negative impacts include resulting damage to ornamental trees, shrubs, fruit trees and grapes from secretions of a sweet honey-dew substance which attracts mold. This damages the plants and makes any fruit infested orchards unmarketable. There are some reports of the honey-dew substance just dropping from the infested plants to objects under or next to the plantings, damaging surfaces. Since they have been here for a short time, there is no known natural predator of these pests. These pests are able to hitch a ride on most anything, from backpacks to RV's. Transportation companies have been alerted to this pest and have protocols in place to check on transfer. Lanternfly is quite easy to detect, nearly 1" from head to thorax with spotted outside wings with bright red internal wings. Any sightings should be reported to spottedlanternfly@dec.ny.gov.

Spongy Moth, Gypsy Moth (*Ly-man-tri-a dis-par*) is another non-native species introduced to

New England from Asia back in the late 1800's as a potential substitute to silkworm production. Specimens escaped and spread throughout eastern North America. Technically, *Lymantria* is not so invasive anymore, as our plants and predator native animals now provide some control. However, this pest is clearly a nuisance.

Every 10-18 years this pest appears to re-infest a particular area for 2-3 years. Last year in Chautauqua County there were numerous reports of infestations. So, one would expect this year will also have many infestations. This pest will begin to hatch from their egg cases the next couple of weeks, they resemble a small dollop of tan cotton candy. The hatching will result in 200-500 baby caterpillars leaving the egg case and traveling along the ground in search of a host tree. At first the damage is very limited maybe to a branch or two, however by late June the caterpillars will defoliate the tree in a matter of a week. The caterpillars may on occasion run out of

leaves of which then they will drop to the ground and look for another host tree. For most cases the defoliation of the tree is temporary, new leaves emerge by late August. In mid to late July the caterpillars will pupate and emerge as moths to mate. The female moth which doesn't fly will find a location, typically on a host tree and lay her eggs. However, egg cases can be found on just about any protected vertically oriented surface that she can adhere the egg case. Control of this pest is fairly simple, over the next week or two locate the egg cases, scrape them from the surface and destroy. There are also several traps/diversions used around the tree trunk that hinder the caterpillars from climbing to the tree canopy. A number of DIY instructions are on the internet showing how to control them. These traps are somewhat effective in reduction of numbers. The caterpillars in their early stages (first month) also respond to the biological Bt insect treatments. Chemical treatments/sprays are not recommended due to harm of other native wildlife.



Spongy Moth/Gypsy Moth Caterpillar- Photo By: Karla Sale, Washington State Dept. of Agr.



Spongy Moth/Gypsy Moth Egg case by: Mark Sullenberger, CCE-Chautauqua Master Gardener

“Invasive pests” continued from page 19

Jumping worm, Crazy snake worm, Alabama wiggler (*Amyntas ag-res-tis*) is another invasive species. In science class we learned that earthworms are good for breaking up the decomposing organic material used for composting. The Jumping worm is a souped-up earthworm and too much is bad, again the origin of this invasive is from Asia. They are called Jumping worms due to their behavior to wildly flip and “jump” from the hand when picked up. These worms are also, fairly good swimmers. However, this earthworm was imported to the southern US in the mid-last century has slowly spread from the south to the northeastern US. Also, unlike the European Nightcrawler, our dominant earthworms, these can develop into large numbers, and breakdown any organic material in its way including healthy root stock. Some farmers in the Northern US reported, stunted growth and some lost plants due to these worms eating their way through the roots. Also, forest habitat issues are also present with them. There have been reports of all the leaf matter being fully consumed and causing failures of native forest undergrowth plant habitat. One finds these mature worms in late June. They are only active when soil temperatures are above 60F. The easiest way to spot a mature *Amyntas* worm is the cream-colored collar (clitellum) at one side of the worm. Often you won’t see the worm in the landscape, but the coffee grounds looking castings, fecal matter is present. Fortunately, the adults do not survive through our winters.

However, they can reproduce a number of times during a season and grow in numbers quickly. These worms have been confirmed in both Erie counties Pennsylvania and New York, so they have been found close by. These *Amyntas* worms propagate through very tiny cocoons which do survive hard winters. The cocoons easily attach to dirty garden tools, shoes, and in garden soil. The only way cocoons are transported is from infected soils. When you find



Jumping Worm-Photo Credit, Wisconsin Dept. of Resources-note cream collar

Jumping worms, there is no treatment available that would not affect other beneficial soil bugs. Also, if they are present, be diligent in cleaning tools, footwear used in the garden and do not share any plantings. To prevent transport, your gardening process is the best control. Purchase bare root plantings when available. Potted plants from uncertain sources can harbor dangerous fugitives. Test for worms with a mustard solution. Mix a gallon of water with one-third cup of ground yellow mustard seed, and pour this slowly into the soil, inside a bucket or tub. Keep the pot off the ground or soil before or during the test. Wait 5-10 minutes. It won’t hurt the plant, but worms (even “good” ones) will come to the surface, and you can check for presence of worms and remove before introducing the planting to the garden.

Keep an eye out for these pests. Report any of these to the Master Gardener Help Line or the Cornell Cooperative Extension office in Jamestown. Also, for questions about a sighting or any other pest found in the garden the Master Gardener Help Line is there to address your questions. Call 716-664-9502, Ext 224. Master Gardeners are available Wednesdays from Noon to 2:00 PM at the JCC Carnahan Center. You may also email at chautauquamg@cornell.edu. For more information, look for the Nature tab on NY State Department of Environmental Conservation. They have a good website for more information on invasive plants and animals at www.dec.ny.gov.



Community Partners

Free Hands-On Training for Industrial Maintenance Technician and Machinist/CNC Operator



Jamestown Community College is excited to be offering **FREE hands-on training** for **Industrial Maintenance Technician** and **Machinist/CNC Operator** at our Cattaraugus County and Jamestown locations. To better serve our students, we have developed a **part-time schedule** and included generous **funding for transportation and childcare**. Upon successful completion of this program, students will earn an industry certificate, JCC certificate of completion, and 8 credits toward a related degree.

Funding for these programs is available for individuals who are **unemployed or underemployed** and would like to gain the skills needed for entry level jobs in advanced manufacturing. These programs are now completely funded through grants awarded to JCC. In addition to the technical training, success skills will also be incorporated into the programs along with resume and interview prep from our Career Services staff. Participants who successfully complete the training will have the opportunity to participate in an Interview Day with employers who are looking to hire individuals with each program's skill set.

Our upcoming **Industrial Maintenance Technician** cohort will be held at our **Cattaraugus County** campus and is scheduled to run in **late June**. Students in this program will learn to troubleshoot, repair, and maintain electro-mechanical systems found in automated environments in advanced manufacturing. We anticipate that **entry level pay** coming out of this program will be in the **\$18-\$20 range**.

Summer cohorts are beginning to fill up quickly. **If you are ready to start a new career and would like more information on this program, please contact me ASAP.** I would be happy to answer any questions you may have about this awesome opportunity!

I have attached my email below for those who are interested in our training program.

It's YOUR turn -

Julie M. Chiarot

Recruiter- Workforce and Adult Students

716.488.6084

JulieChiarot@mail.sunyjcc.edu

Be the change



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The American Red Cross is providing FREE one-on-one home fire safety education to any individuals or family while receiving up to three free smoke alarms.

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- Learn how to develop a home fire escape plan
- Learn how to make sure your smoke alarms are up to date, and how to test them
- Learn home fire prevention tips and safety measures



Schedule an installation today

716-878-2353 or [Redcross.org/homefiresafetyWNY](https://www.Redcross.org/homefiresafetyWNY)

SOUTHWESTERN REGION

FARMERS MARKET SEASON IS HERE



JUNE 2022

WHATS IN SEASON?

Asparagus
Romaine Lettuce

Kale
Broccoli Crowns

Cabbage
Spinach

Strawberries
Squash varieties

Stretching Your Budget at Local Markets



Farmer Markets provide an opportunity to meet the people that grow your food! Another benefit of shopping at local farmer and mobile veggie markets: many of these vendors accept nutrition assistance benefits or healthy food incentive programs. These programs help those on tight budgets get more fresh foods and stretch their food dollars.

Read about a few nutrition assistance benefits programs on this page. Check out their websites for more information.

<https://snaped.fns.usda.gov/nutrition-education/nutrition-education-materials/farmers-markets>





<https://agriculture.ny.gov/find-farmers-market>

Engage at a farmers market near you this season!



Salad

- 6 ounces spinach (about 7 cups)
- 3 oranges
- 1 1/2 cups strawberries, halved
- 1 cup walnut pieces (toasted if desired)

Dressing

- 1 teaspoon sugar
- 1/4 teaspoon paprika
- 2 Tablespoons orange juice (juice from 1/4 orange)
- 1 Tablespoon lemon juice
- 1 1/2 teaspoons vinegar
- 1 teaspoon finely chopped onion
- 2 Tablespoons salad oil

Directions

1. Wash and dry spinach, tear into pieces, and chill.
2. To prepare orange: Cut off peel and membrane of outer part of the sections.
3. Using a paring knife gently cut out sections from membrane edges. You end up with orange sections with no outer membrane.

Dressing

1. Combine all ingredients in a jar and shake well or blend in a blender.
2. Right before serving, toss orange and strawberries with walnuts and spinach.
3. Add dressing to coat salad.
4. Serve immediately.
5. Refrigerate leftovers within 2 hours.

Brighten up your salad with spinach and strawberries straight from the farmer's market or your garden!



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



Cornell University
 Cooperative Extension

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Cornell Cooperative Extension is Chautauqua County's link to Cornell University. Our purpose is to make available to the individuals, families, communities, and businesses of Chautauqua County the resources and research-generated knowledge of Cornell University.

By identifying and addressing local needs, Cornell Cooperative Extension provides practical information to help people help themselves and develop their leadership potential. Please feel free to contact Cornell Cooperative Extension for more information.

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