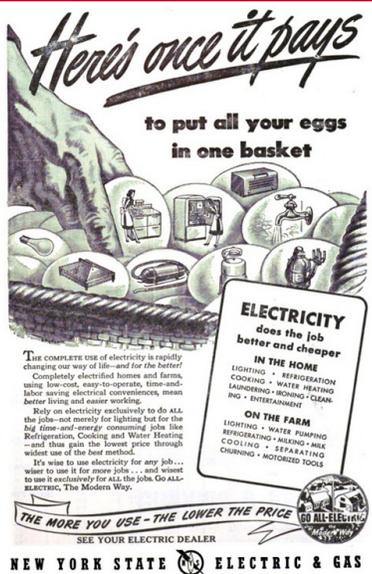


EXTENSION EXPRESS

The newsletter for Cornell Cooperative Extension of Chenango County

.....April - May • Volume 12 • Issue 2



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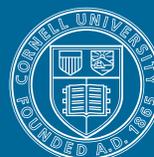
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Cornell University
Cooperative Extension
Chenango County

99 North Broad Street, Norwich, NY 13815, (607) 334-5841
www.cce.cornell.edu/chenango

Grazers, Start Your Engines! Solar Ones That Is!

Rich Taber, Grazing and Ag Economic Development Specialist, CCE Chenango, 607-334-5841 ext. 21 or email rbt44@cornell.edu

It has been a long, cold, and brutal winter indeed! During the month of February, when I was doing chores on my home farm in below zero temps, day after day, like many of you, I endured incredibly cold temperatures, both actual and wind chill. I thought that the winter would never end. Lambing in brutal cold, feeding beef cattle round bales in deep snow when my tractor wanted to get stuck, and even getting that tractor to run, and digging out baleage from huge snow drifts were some of the challenges that I and many of you all faced. Now in the warming days of March there is light at



the end of the tunnel, and it's time to think about getting our grazing plans in order for the springtime.

There is very little in life that is free, but one thing that we have for free, at least for a few more billion years on planet earth, is sunlight. We take advantage of that free sunlight, or solar engine, by creating good working grazing systems that capitalize on sunlight through photosynthesis. That photosynthesis will convert sunlight into energy which green plants will capture. Our grazing animals will then convert that energy into useful, saleable products which will feed the world and will provide a livelihood for many of us.

Even though the sunlight is free, to make the solar engine work efficiently, there are a number of items and considerations that we must put into place to make the grazing system work. I will list some of the most important that hopefully will get our collective planning wheels turning again for spring 2015!

First off, we need to be planning on building, updating, or maintaining our grazing infrastructure. If we are new to grazing, we may need some assistance in planning a new grazing system which would include fencing, laneways, and watering systems. This will incur a certain capital expenditure of time and resources. If we are old hands at this, we will need to be going out and fixing and possibly updating our systems. Fencing, ground rods, fence chargers, watering systems, and gates all need to be checked and put back into good working order. A winter like we just had wrecks havoc on a lot of our fence posts and fencing, and these items need to be repaired.

Secondly, we need to be looking at our pastures from the agronomic side. It's always a good idea to soil test our fields and then plan for adding any needed amendments such as seed, fertilizer, manure, and lime. Liming takes a while to correct soil acidity, and maybe it would be better to spread it later in the year, when the soils are a little dryer. Your vendor will appreciate that as the risk of getting big trucks stuck in wet soils is less in the late summer or autumn, generally.

Will we need to put in a new seeding, or can we get by with a frost seeding? What mixture of grasses and legumes should we be planting? Will we need to till up an old, worn out, rutted field to get it back into a productive state? One of the nice things about grazing is that in general little tillage is needed, but nonetheless, there are times it might be needed. How about considering a no-till seeding? If that's the case, then the field needs to be prepared well ahead of time to kill the existing sod. A visit to a CCE office or to a knowledgeable crop vendor could be useful.

We also need to be thinking about the size of our paddocks, and how often will we move the animals in them? How much livestock do we have? Will we have enough grazing available? We need to guard against over grazing as well as under grazing. Will we want to stockpile any grazing for fall grazing? Will we need to plant a summer annual to provide feed to animals during dry spells? Should we lay in an extra supply of stored forages as an insurance policy during either excess rainy periods, or drought?

Grazing is as much an art as it is science. It is a fascinating and satisfying way to farm and to raise animals. It is an ecological contributor to this whole idea of Sustainable Agriculture that so many of us embrace. Soon, we grazers will be answering the annual clarion call of the springtime; a time to graze!



A strong fence and gate are important parts of grazing infrastructure

PLAN YOUR FORAGE PROGRAM

"Cow filling forage all year" is a good aim for dairymen, says Prof. E. Van Alstine, Cornell agronomist, speaking to Chenango County dairymen at the annual winter dairy conference held in the Norwich Grange Hall.

Emphasis should be on making low cost milk. The average feed cost in 10 cans of milk at present prices feeding only grain would be about \$32; feeding only hay, grass, or corn silage, \$13; feeding only good seeded pasture, \$4.

Naturally, a cow would not be fed only one of these alone but would get a combination for good nutrition. These figures illustrate, however, that more and better home grown roughage should be used because they make low cost milk.

An average of three acres per cow is a good starting point in producing the forage needs of the New York dairy cow. One acre of this would be for grazing, one acre for winter forage, half an acre for silage corn, and half an acre for oats to reseed back to hay or pasture.

Let's consider pastures first—they are our cheapest source of nutrients and to reduce the cost of production more milk should be made for grazeable forage. Cornell economic studies show that some New York dairymen actually produce 100 pounds of total digestible nutrients in good pasture for about 75 cents. The same nutrients cost about \$5 produced in grain and; \$2 in grass silage; \$1.50 in hay. The agronomist said the pasture cost per 100 pounds of DN can be reduced to 65 cents. It takes good pasture to produce nutrients at such low cost. Such pastures would cost about \$20 per acre per year but they should produce nutrients which can be made into about \$108 to \$110 work of milk at summer milk prices. This cost includes seed, recommended amounts of lime and fertilizer at seeding time and as top-dressing, use of land for the period and cost of plowing, seeding and fitting. Choose your meadow or pasture seeding to fit your soil, length of rotation, and use.

Cow Gives 132 lbs. of Milk Per Day



The Rounds Bros. left to right: Kent and Ed. with Nannette. In the front row is Kent's son Gary.

Ed and Kenton Rounds of Greene are the owners of Maplebrook Susie Nannette-2567839 registered Holstein, who gave 132 lbs. of milk the last time the supervisor from the Central testing lab took sample at the farm.

Nannette is a 5-year-old and is being milked 3 times a day. She eats a 12% rations, corn silage and good mixed hay. She freshened Dec. 12, 1949 and has made 7260 lbs. of milk and 220 lbs. of fat in the first 60 days of her lactation. This is more than the average Chenango County cow will produce in a year. If you owned her, how much grain would you feed each day? Last year she freshened at 4 yrs. 1 month and made 19,000 lbs. of milk and 510 lbs. of fat in 305 days, her peak day last year was 75 lbs.

What makes her like that? Her dam made 15860 lbs. of milk and 582 lbs of fat as a 12 year-old in the Rounds heard. The average Holstein cow lives to be 7 or 8 years old and relatively few cows in their best years will make 500 lbs. of fat.

The Rounds Bros. started operating the farm as partners in 1944. Ed is single but Ken married and has a boy and girl 3 and 4 years of age. They farm about 140 acres of tillable land and keep 42 cows plus replacements. They are members of the Central lab and are great believers in continuous individual dairy records. The herd sire is a young bull bred by Art Davis of Greene. They are also members of the NYABC and so some of the cows are bred artificially.

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CHENANGO COUNTY
ARTIFICIAL BREEDING COOPERATIVE, INC.

NYS Mesonet Weather Observing Network

Author: Dr. Jerald Brotzge, NYS Mesonet Project

Manager (jbrotzge@albany.edu)

The New York State (NYS) Mesonet Early Warning Weather Detection System is an advanced, statewide weather station network. This network will be the first of its kind in New York and will consist of up to 125 surface weather stations that will detect weather phenomena across the entire state. This weather detection system will provide federal, state, and local communities with access to high-resolution, real-time data, and more robust predictive models.



Each of the Mesonet's 125 weather stations will measure surface temperature, relative humidity, wind speed and direction, precipitation, solar radiation, atmospheric pressure, and soil moisture and temperature at three depths. In addition, 17 sites will be outfitted with lidars and microwave profilers, providing wind, temperature, and moisture profiles in the vertical. Another 20 sites will measure snow

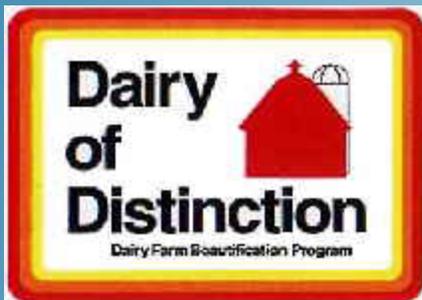
depth and snow water equivalent for hydrological applications. All of this data will be transmitted in real-time to a central location, where the data will be quality controlled and archived, and then disseminated to a variety of users. Upon completion, real-time data along with graphical products/models will be available to the public via a website.

The NYS Mesonet promises a new generation of local weather observations that will support more accurate, more precise decision-making in agriculture, emergency management, energy, ground transportation and aviation. For example, localized soil moisture and temperature data will improve irrigation efficiency, and various pest models will be much improved with more local data inputs.

The NYS Mesonet is now beginning the search for permanent site locations. Each site consists of a 33 ft tower centered within a 33 ft x 33 ft plot of land. To ensure the highest quality of data each station must be at least 300 feet from the nearest obstacle (tall trees, buildings, etc.) or potential heat sources (pavement). If you would be interested in hosting a Mesonet site, please contact Dr. Jerald Brotzge at jbrotzge@albany.edu. If you would like to learn more about the NYS Mesonet, please visit our website at <http://nysmesonet.org>.

Do you have a Dairy of Distinction?

New York Application deadline April 15, 2015



Purpose of Program: Attractive dairy farms give the consumer greater confidence in the wholesomeness of milk and stimulate milk sales which encourages public support of the dairy industry. The award gives recognition to the dairy farmer for maintaining a well-kept farmstead.

Please visit: DairyofDistinction.com for more details.

Cornell's ForestConnect provides forest owners with educational resources to help them make decisions about the management of their property.

See more at:

<http://chenango.cce.cornell.edu/natural-resources>

ForestConnect



TSC

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No endorsement by 4-H is implied or intended. Use of the 4-H Name and Emblem is authorized by USDA. 4-H is the youth development program of our nation's cooperative extension system.

LOOKING FOR LOCALLY GROWN MEAT?

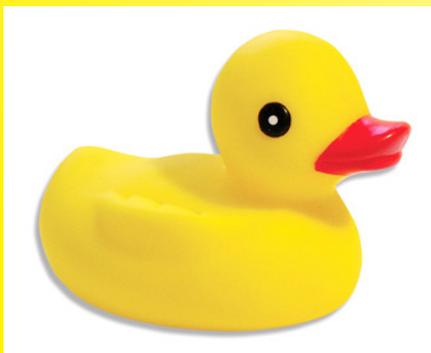
Be sure to check out CCE's Meat Produces Guide Book.

<http://chenango.cce.cornell.edu/agriculture/agriculture-development-council>

CHENANGO COUNTY
NEW YORK
MEAT & LIVESTOCK
PRODUCERS
DIRECT MARKETING LIST



This guide was made possible by Chenango County's Agriculture Development Council and Cornell Cooperative Extension of Chenango County.



Want to Buy a Duck?

Help support the Chenango County Dairy Day Scholarship Fund by purchasing a \$5 rubber ducky and a chance to win \$100.

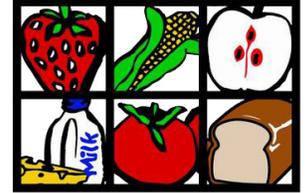
Pick up your ducks at CCE Chenango or see a Dairy Day committee member.

Race time is 2pm on June 20 at the Dairy Day celebration at the Fairgrounds.

1st place: \$100

2nd place: \$50

3rd place: \$25



We made it! Thank goodness March is here. Temperatures are slowly warming up and spring is just around the corner. March is also National Nutrition Month. The Eat Smart New York team of Neisa Pantalia, Whitney Graham and Betty Clark are busy making new connections in Chenango County and our neighboring Cortland and Madison Counties as well. The educators have been delivering nutrition education at multiple food pantries, soup kitchens, local food stamp offices and senior meal sites within the three county hub. Programming with youth has been taking place in the after-school programs at Oxford Middle School, Sherburne-Earlville, the Earlville Free Library and The Place.



Neisa and Whitney at Caz Cares Food Pantry and Clothing Closet

It has been said that nothing warms you up better than a cup of hot, homemade soup. Neisa and Whitney have been preparing delicious soup recipes for sampling at multiple locations. One recipe, Taco Soup is a favorite at the pantries because most of the ingredients can be found on the shelves. One of the goals for the Eat Smart New York program is to increase the consumption of vegetables and fruits. Soups that can include fresh, frozen and canned vegetables can be a low cost way of getting more vegetables into your day.

And what goes better with a hot bowl of soup than fresh baked bread or rolls? Whitney discovered two recipes Fabulous Homemade Bread and Feather Rolls on the USDA's What's Cooking website. Both recipes include whole wheat flour. These recipes are great for meeting the goal of Making Half Your Grains Whole. The recipes can be found at www.usda.gov/whatscooking.

As we make our way through March, National Nutrition Month, let's take steps to make healthier choices for better health. Try eating more vegetables and fruits, limit the amount of sugary beverages and don't forget to get physically active!

Taco Soup

RECIPE

Makes: 10 servings
Total Cost: \$7.25
Serving Cost: \$0.72

Ingredients

- 1 pound ground beef
- 2 cans diced tomatoes (14.5 ounces each)
- 2 cans corn (15.5 ounces each, rinsed and drained)
- 2 cans red kidney beans (15.5 ounces each, rinsed and drained)
- 1 1/2 teaspoons chili powder
- 3/4 teaspoon cumin powder
- 3/4 teaspoon garlic powder
- 1/3 cup water

Directions

1. Cook meat in a pot over medium heat until brown.
2. Put meat in a strainer to drain fat. Rinse with hot water.
3. Mix all the ingredients in a pot and cook on low for an hour

Master Gardener Volunteer UPDATE:



Gerald, Lynne, Mary Sue, Lee, Shelley, Della, Judy, Kathy and Bill enjoyed the cooking at the Master Gardener Volunteer Potluck! Missing who attended: Elizabeth, Bette, Debra. And we missed: Erica, Bob, Sandy, Linda, Alysen and Jenn!

On February 11 the snow stopped long enough for our Chenango County Master Gardener Volunteers to have their annual potluck. Nearly all the active MGVs were able to attend and it was a lovely time tasting dishes, talking plants and certificates were handed out for years served and hours volunteered.

In the lead was Judy Sellers who has been a MGV since 2001 and logged 94 volunteer hours in 2014 and 354 hours over the last four years. Wow Judy, what a help you've been!

New MGV projects for 2015 will include working with the Guernsey Memorial Library to install another small garden behind the library, this garden will be focused on the types of plants Mrs.

Guernsey would have been growing in 1856. Stay tuned for Mrs. Guernsey's Garden! It should make a great addition to the Pollination Station installed in 2014 with the help and planning of the MGVs.

The Master Gardener Home Garden Help Line will reopen the first week in May. Feel free to call 607-334-5841 ext. 13 to talk live with a Master Gardener about any and all gardening related questions! Tuesday evenings from 5-6:30pm and Thursdays 9am-1pm starting Tuesday May 5. You can also call the same number any time or stop by the office from 8:30am-4pm Mon-Fri with your questions and leave a message.

	 <p>Master Gardener Cornell Cooperative Extension</p>	
<p>Home Garden Help Line is Open May 5 to August 31 607-334-5841 x 13 Email: chenangomgs@cornell.edu</p>	<p>The Home Garden Help Line is staffed by Volunteers Thursday, 9 AM - 1 PM Volunteers also staff the Help line on Tuesday Evenings 5-6:30 PM for Phone Calls Only The Help Line is staffed other days as volunteers are available</p>	
<p>Call anytime, leave a detailed message and a Master Gardener Volunteer will return your call as soon as possible. Samples can be dropped off Monday-Friday, 8:30AM-4:00PM BUT Thursday 9AM-1 PM is BEST.</p>		

Chenango County 4-H Leaders Association

This group is not just for 4H leaders, it is for any volunteer, parents, grandparents, anyone that is interested in helping the Leaders Association stay involved in its operations.

The Leaders Association's purpose is to:

- Uphold and develop professional growth, standards, and ethics
- Assist educators, by providing committees for programs, projects, and activities
- Provide assistance to educators in offering special leader training workshops
- Provide a forum in which leaders may discuss and exchange ideas
- Review and discuss: 4H club needs, procedures, standards of work, standards of judging
- Financial support in the form of scholarships, trips, and many more



This association is unique in the fact that other counties in our region and state do not have such support. Many states are impressed that we have a group of volunteers that are willing to aid in the support of our County 4Her's.

Every parent wants their children to be involved in every opportunity available to them. 4H is about our children and I feel if we do not invest in them now we may lose them to activities that are not as positive as we would like. 4H is such a positive program for our young people and it can be a unique, diverse experience for all of our children. If our

Leaders Association fails to exist we become like many 4H programs that have no one volunteering to help our educators provide great opportunities for our youth. This will help keep this association alive. If interested in joining, please call Richard at 607-334-5841 ext. 15.

Grow Cook SERVE program will increase capacity of Food Pantries and Soup Kitchens in Chenango County

Cornell Cooperative Extension of Chenango County is pleased to announce the start of a new program: Grow Cook Serve. This United Way funded program is an offshoot of the successful Grow Cook Eat program which has just started its fourth year.

Grow Cook Serve is recruiting Participant Volunteers (PVs) to grow produce to donate to food pantries and soup kitchens, and/or volunteer at food pantries and soup kitchens throughout Chenango County. These donations and hours of volunteer service will increase the capacity of food pantries and soup kitchens by increasing the amount of fresh produce they can offer to clients and include in meals. Hours of operation might also be increased in some food pantries or soup kitchens.

The Grow Cook Serve Participant Volunteers can choose to volunteer in the garden or a food pantry or a soup kitchen or any combination of these. They might also choose to teach container gardening at food pantries and soup kitchens.

PVs will be supported in their efforts with training in gardening and cooking and food safety. For example, those who choose to volunteer in the garden will take a seed starting class and then start several flats of seeds to later be transplanted into the garden to grow the produce for donation. In this way each class will also be a volunteer work session that will make real progress towards the goal of 865 pounds of produce donated. Other opportunities will include gleaning produce from farms, farmers markets, and private orchards or gardens.

Classes for food pantry and soup kitchen volunteers will include Food Safety for Staff training from the Food Bank of Central New York and training in using fresh produce in bulk cooking, knife skills and cooking low-salt, low-fat healthy recipes taught by a local chef.

“Several Grow Cook Eat graduates have already expressed interest in this program,” said Grow Cook Eat/Serve Coordinator Stacie Edick. “I am excited to see what we can accomplish with this new program. Many people would like to volunteer in this capacity but are not confident that they have the skills necessary to grow produce or staff a soup kitchen, so we want to support them with training and encouragement and enthusiasm about making a difference for our community.”

If you are interested in becoming a Grow Cook Serve Participant Volunteer or would like more information before you decide, please contact Stacie Edick at 607-334-5841 x 20 or email her at spe26@cornell.edu.



For Our Community

If you operate a food pantry or soup kitchen and need help staffing your program, please contact Stacie Edick. We will be contacting food pantries and soup kitchens depending on where participant volunteers live, but we will certainly make an effort to match volunteers to pantries and kitchens that express a need for additional help.

UPCOMING PROGRAMS AND EVENTS AT CORNELL COOPERATIVE EXTENSION

Spring Garden Day

Good bye white; hello green! Master Gardener Volunteers of Cornell Cooperative Extension of Schoharie and Otsego Counties are sponsoring Spring Garden Day (SGD), a day devoted to gardening and growing environments, featuring a keynote presentation and a variety of workshops. Note that the schedule of events is different this year. See more at: <http://cceschoharie-otsego.org/events/2015/04/11/spring-garden-day#sthash.1UngYgb2.dpuf>

Saturday, April 11, 10:30 AM - 3:00 PM

SGD will again be held in conjunction with the OCCA Earth Festival at Milford Central School

Feeding Your Vegetables

Come learn about how to feed your vegetables so that they can feed you! This class about natural soil amendments will help your vegetables grow. Register by **April 10** at 334-5841 ext 11 or ext 20.



\$5 per person

Tuesday, April 14, 1-3 pm or 6-8 pm at Cornell Cooperative Extension, Norwich

Growing Mushrooms: Farming Fungi in Forests and Logs

Interested in learning how to grow exotic and wild mushrooms? Log mushroom cultivation is easy and marketable. Come learn about mushroom log production: how to grow, what tools and supplies you need, species of mushrooms, and tips on enjoying and marketing. This is a hands-on workshop! Each participant will inoculate a shiitake log, and make an indoor oyster mushroom kit, both to take home! Please bring a corded drill with you (if you've got one). A drill bit will be provided. Cost **\$20 per person, includes log and kit**. Call 607-334-5841 for more information. Class size limited to 20 people, please register by **Wednesday, April 8**.

**Wednesday, April 22 6 pm-8:30 pm.
CCE Chenango, Norwich**

Giant Pumpkin Growing class

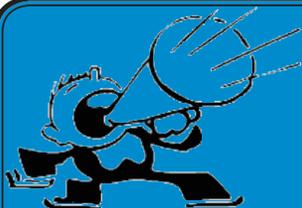
Didn't win in the pumpkin growing contest at the Norwich Pumpkin Fest last year? Don't worry! Alan White did with his 662 pound stunner and he's willing to share his know-how on how to grow the big, contest-winning pumpkins at this free class. Take home some giant pumpkin seeds and get growing! Call 607-334-5841 to sign up. Class limited to 30 people. Please register by Thursday April 23. This class was very well-attended last year so register early to save your space!



FREE

**April 25th 3-4pm
CCE Norwich, 99 N. Broad St. in the Kitchen**

Spring Clean Up!
If you have been to CCE Chenango County lately you will see a lot of work being done on the outside of the building. We are excited to have a fresh coat of paint but our gardens and landscaping has suffered in the process. Come volunteer and help us clean up the yard and gardens.
Call Cindy at 607-334-5841 ext. 11 or visit our events page on the new website to learn more!



**INTERESTED IN
HISTORY?
WANT TO
VOLUNTEER?**

Join our 100 year Committee Volunteers to help us with planning and organizing the celebration of 100 years of CCE in Chenango County!

Call Emily at CCE to find out more.
607-334-5841 ext. 17 or eja74@cornell.edu

May 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2  Animal Crackers at Cornell University – “The EGGciting World of Poultry & Dairy”
4-HPaper Clover Campaign at TSC						
3	4	5	6	7	8	9  4-H Grins in the Garden, Guernsey Memorial Library, Norwich
4-HPaper Clover Campaign						
10	11	12	13	14	15	16  4-H State and Horse Public Presentations, Cornell University
17	18	19 CCE Board Meeting, 7pm	20	21	22	23
24	25 Memorial Day, CCE Closed	26	27	28	29	30
31						

2015 Chenango County 4-H Public Presentations Results

Congratulations to all who participated in the county-wide Public Presentation competition held on February 21st! It was a great competition and youth really wowed the judges! Next step is heading to the Regional competition to be held March 21st in Chenango Forks!

Thank you to our judges: Elizabeth Barber-Breese, Noah Ives, Rachel Farrow-Beers, Deb Nowalk, Jessi Jaramillo, Angel Whaley, Carrie Diehl, Joyce Westerbelt, Jennifer Westerbelt, and Alexandra Kinter. We appreciate all that you do to "Make the Best Better"!

4-H'ers participating in Public Presentations and those who have qualified to compete at Regionals are as follows:

Cloverbuds Division:

Breese, Fiora
Jones, Collin

Juniors Division:

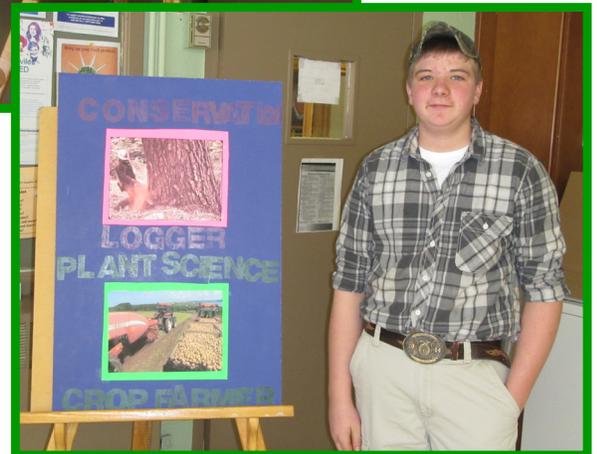
Sarpriacone, Blake	Blue	Regionals
Wenzel, Hunter	Blue	Regionals
Austin, Wyatt	Blue	Regionals
Buchanan, Ivy	Blue	Regionals
Race, Ena	Blue	
Austin, Alyas	Blue	
Austin, Angel	Blue	
Thomsen, Joe	Blue	
Warren, Paige	Blue	
Thomsen, Anna	Blue	
Funk, Meghan	Blue	
Harvey, Mason	Blue	
Peila, Emma	Blue	
Austin, Andrea	Blue	
Rumovicz, Nate	Blue	
Rumovicz, Will	Blue	
Breese, Shea	Blue	
Robinson, Levi	Blue	
Hill, Phalen	Red	
Hill, Owen	Red	
VanAlst, Amon	Red	
Benenati, Natalie	Red	
Buchanan, Kenny	Red	
Buchanan, Arin	Red	

Horse Junior Division:

Hafele, Madison	Gold	Regionals
Buser, Lorraine	Bronze	
Bennett, Emilee	Bronze	
Hodge, Emma	Bronze	

Horse Senior Division:

Segal, Stella	Gold	Regionals
Ferrotta, Annalisa	Gold	Regionals
Turrell, Nathan	Gold	Regionals
Brace, Hailey	Gold	Regionals



Good luck to everyone competing at the Regional competition! The State 4-H Public Presentations and State 4-H Horse Presentations will be held Cornell University on May 16th.



4-H Senior Scholarships

Scholarship applications for the Chenango County 4-H Leaders' Association and the 4-H Dairy Program are available! These scholarships are for graduating High School Seniors who are going on in their education at a 2 or 4-year school or other accredited program. Applications can be found on the 4-H website: <http://chenango.cce.cornell.edu/resources/4-h-dairy-scholarship> or paper copies can be requested from the 4-H Office. Deadline for scholarships is May 15th, 4pm.

Cooperstown Farmers' Museum Junior Livestock Show

July 12-14, 2015



Get ready Chenango County 4-H - the annual Junior Livestock Show is coming! This show is a celebration of youth in agriculture! The show is the second largest youth competition in the state and the only one of its kind sponsored by a museum in the United States. A tradition in central New York, the event features the area's best livestock and youth exhibitors from a nine-county region. More than 300 youth handlers and 750 animals are expected to participate. The event tests the skills of participants (ages eight to eighteen) who present animals (dairy cows, beef, swine, goats, and sheep of various breeds) that they own, care for and have prepared for competition.



All enrolled 4-H'ers in Chenango County 4-H are eligible to compete at this show. Entry books will be mailed to dairy and livestock families at the end of May. Entries must be completed and returned to Janet at the 4-H office no later than **June 5th**.

NY Junior Dairy Leaders Program

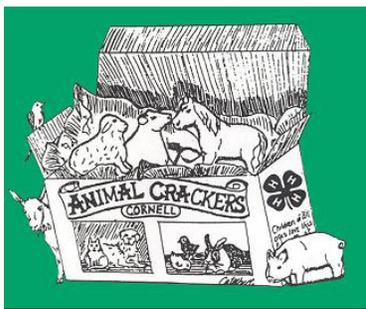
The "Junior DAIRY LEADER" program is intended to reach youth between the ages of 16-19 who have an interest in exploring careers in the dairy industry and would like to gain hands-on experience. The program consists of a series of workshops that focus on specific facets of the dairy industry -- veterinary science, dairy nutrition, and production management. Other opportunities include:

- Representing New York State at National 4-H Dairy Conference - Madison, Wisconsin
- On-Farm Production Analysis
- Resume Development for Internship Opportunities
- Public Presentations with the Use of Computer Technology
- Northeast Agricultural Tour
- Wisconsin Agricultural Tour
- Regional Seminars

Applications for this program can be found at:

<http://www.ansci.cornell.edu/prodairy/jdl/application.html>

and are due to Debbie Grusenmeyer, Program Leader, no later than **June 30th**.



Animal Crackers

May 2, 2015, Cost: \$15 for youth and adult chaperones
For youth ages 9-12 yrs.

Theme: Horses, Beef and Sheep

Found at the Horse Stations:

Bits and Pieces: Who knew there were so many to choose from? Come learn about the large variety of bits we use for activities with horses and the reasons we choose them.

Monsters are Real: ... and they live in your horse! Learn how to keep your horse healthy and happy in a world with these monstrous parasites!

Leg Wrap: When to Wrap it Up: How do you tell when to wrap and what type of wrap or boot to use? Come find out and try your hand at wrapping on our friend "Sam"!

An Inside Look: Your chance to get an up close and personal look at some of the parts that make up your horse's insides and what happens to them when they get sick.

Looking the Gift Horse in the Mouth: Horses go to the dentist too! Come guess how old this one is, see what happens when that one missed his dental appointments and see the dentist's tools of the trade.

Let's Go For a Ride: Safety First! Things you need to know before loading up to make sure no one gets hurt.

Found at the Livestock Stations:

Time for a Trim? Learn how to prevent diseases like foot rot and discover tools you can use to keep bovine and ovine hooves healthy from professionals who specialize in hoof care.

What's Bugging You... and your ruminant? Learn how to keep cattle and sheep healthy and happy in a world with bugs and parasites. Discover how to identify common pests too with scientists who specialize in parasitology - the study of parasites.

Pasture Props: Why do cows and sheep need hay and grass? Learn what's in the pasture, management tips and environmentally friendly ways to help animals meet their fiber needs all year 'round. Did you know, new technologies used on farms can electrify your fence?

Choosy is Good: So you want to raise a market animal project, where do you start? Learn from experienced raisers about ideal characteristics of a beef or sheep project that is right for you.

Quality Counts: Quality assurance principles are practices every animal producer must follow to be sure they provide quality products for market. Learn more about what you can do to keep our food supply safe.

Feeding Time: Cattle and Sheep are mammals and need milk when they are newly born. Come learn about nutritional needs ruminants have as they grow. Find out how to read a feed tag and discover what goes in growing, finishing and maintenance diets. Do animals need vitamins? You'll learn that too!

Have any questions? Contact Janet at the 4-H office: 334-5841 x. 12 or jlj27@cornell.edu. You must contact Janet by **April 15** to sign up.

CORNELL VET SCHOOL OPEN HOUSE

SATURDAY, APRIL 11, 2015, 10:00AM- 4:00PM

The students, faculty, and staff of the Cornell University College of Veterinary Medicine invite you, your family and friends to our 49th annual Open House.

Open House is our opportunity to share the joys of our profession with the community. Veterinary students and members of the faculty and staff host this annual event that provides a chance for those interested to get a closer look at veterinary medicine. We invite you to tour our college and learn more about our facilities, our equipment, and what we do everyday.

Students, faculty members, and staff will be on hand to answer your questions about a career as a veterinarian, a veterinary technician, or an animal care specialist. Careers in veterinary medicine have traditionally involved working with dogs, cats, cows, horses, sheep, and pigs. However, this rapidly growing field also provides opportunities to work in the animal health industry, government, armed forces and with many other species in zoos, wildlife refuges, and developing countries.

PLEASE NOTE: PERSONAL PETS ARE NOT ALLOWED AT OPEN HOUSE

SCHEDULE OF ACTIVITIES

- Events, Demos, and Tours
 - Camelids (Alpacas and Camel)
- Virtual Hospital Tours and Admissions Presentations: (James Law Auditorium)
 - Ultrasound demos throughout the day
 - Equine Treadmill
 - Canine Agility
 - Animal Pathology (Learn gross anatomy)
 - Tour the Animal Health Diagnostic Center
- Tour the New Teaching Dairy Barn (you will need to provide your own transportation to the dairy-maps available in Large Animal breezeway)
 - Exhibits (Exhibits will be open from 10am-4pm)
- We will have a wide range of exhibits for you to enjoy, many back by popular demand!
 - Visit the petting zoo and play with baby farm animals.
 - Explore exhibits with exotic pets and wildlife.
 - Learn how to milk a cow.
 - Discover more about the anatomy of your pets.
 - Watch students perform an ultrasound on a dogs.
- Dress up in surgical scrubs and have your photo taken as a veterinary surgeon.
- Visit Teddy Bear ER, where we will surgically repair your wounded stuffed animals with TLC. (Please bring your own injured stuffed animal for teddy bear ER. We are unable to provide you with stuffed animals.)
 - See a demonstration of our state of the art performance treadmill used to study orthopedic and cardiovascular diseases of horses.
- Watch as our expert farrier fabricate horse shoes throughout the day.

There is much, much more, so please stop by and join the fun!
Our doors will open at 10:00 am. Open House lasts until 4:00 pm. Parking and admission are free. Donations are accepted.

The Cornell University College of Veterinary Medicine is at the intersection of Route 366 and Tower Road in Ithaca, New York. Open House visitors should park in the large "O" parking lot just off Tower Road and enter the college through the Veterinary Education Center doors under the open house banner.

Chenango County 4-H Hippology Results

The Chenango County 4-H Hippology teams traveled to Tioga County to compete against 7 other counties in the regional hippology contest on March 7th. Congratulations to all who participated, our parent coaches and volunteers, and especially Rhonda Turrell who coordinates the Hippology/Horse Bowl Practices!

Chenango County's team were made up of the following youth:

Novice: Combined team was 1st overall
Emilee Bennett – 1st Individual

Junior: Team was 1st overall
Hailey Capiello – 1st Individual
Brienna Collingwood – 2nd Individual
Raichel Brandt

Senior: Team was 3rd overall
Nathan Turrell – 1st Individual
Emma Ives



Chenango Co. Hippology Team celebrates with Coach Rhonda Turrell after a successful day!

Dairy Bowl Results:

Novice Team - 2nd

Owen Hill - 3rd Individual (Qualified for States)
Will Rumovicz - 4th Individual (Qualified for States)
Nate Rumovicz - 5th Individual (Qualified for States)
Phalen Hill - 7th Individual
Peyton Graham - 1st Combined Team
with Otsego Co., 8th Individual

Junior Team - 6th

Emma Peila - 7th Individual
Justin Graham - 10th Individual
Erin Brooks - 14th Individual
Wyatt Austin - 13th Individual

Senior Team - 6th

Megan Peila - 7th Individual
Earl Brooks - 10 Individual
Susan Graham - 23rd Individual
Victoria Peila - 22nd Individual

Horse Bowl Results:

Hailey Capiello - 1st Combined Team with Broome Co., 1st Jr. Individual (Qualified for States)
Raichel Brandt - 3rd Combined Team with Tioga Co.
Nathan Turrell - 2nd Combined Team with Broome Co., 1st Sr. Individual
Katelyn Brandt - 2nd Combined Team with Broome Co.

Thanks to all of the parents and volunteers who helped out: Rhonda Turrell, Peter Robinson, Noah Ives, Rayne Paddock, Katy Kemmeren, Katlin Smith, and Jessica Jaramillo.

4-H DAIRY SCHOLARSHIP PIE FUNDRAISER

Support our future!

Did you know that the Chenango County 4-H Dairy Scholarship has helped local youth to complete college,

Return to the home farm to improve, diversify, and continue family farming operations,

Enter the work force at agribusinesses such as Chobani, Dairy Farmers of America, Pastureland Dairy, and Sauquoit Valley Insurance Company.



4-H member Lyn Farrow, one of 45 youth participating in the Chenango County 4-H Dairy Program

Saturday, April 4, 2015 at 11:30 am

Hosking Sales, 6096 Rte. 8

New Berlin, NY 13411

4-H Sewing Camp a Success!

Eight 4-H members braved the cold in February to complete sewing projects to enter in the 2015 Sewing Spectacular. Members completed t-shirt dresses, zippered bag, zippered fleece, doggie bandanas, neck pillows, rag blanket, and a sea turtle!

The following youth participated:

Grace Bookamer (2015 Sewing Scholarship winner)
PJ Bookamer (2015 Sewing Scholarship winner)
Talia Bookamer (2015 Sewing Scholarship winner)
Fiora Breese (2015 Sewing Scholarship winner)
Shea Breese (2015 Sewing Scholarship winner)
Adrienne Hodge (2015 Sewing Scholarship winner)
Morgan Hodge (2015 Sewing Scholarship winner)
Lily Marshman

Thanks to our wonderful sewing volunteers for holding camp: Rhonda Turrell, Louise Butcher, Della Erickson, Deb Nowalk, Peggy Jeffery, and Marilyn Carley!



Morgan Hodge works on her fleece coat during sewing camp

4-H Super Science Fair Results

Cloverbud Scientists

Fiora Breese "How to Make Silk" Poster Presentation
Meghan Funk "Frost Bite" Poster Presentation
Lily Marshman "Calves Weight Gain" Poster Presentation

Junior Scientists

Alyas Austin "Plate Tectonics" Poster Presentation
Andrea Austin "OJ vs. Sports Drink, Which Has More Electrolytes?" Experiment Presentation
Natalie Benenati "Red Fox" Poster Presentation
Tricia Bohannon "How Does a Specific Type of Salt and Salt Concentration Affect the Hatching of Brine Shrimp Eggs?" Experiment Presentation
Shea Breese "The Science of Rube Goldberg" Poster Presentation
Aaiden Costantini "Conductors of Electricity" Experiment Presentation
Tatum Costantini "The Plants" Experiment Presentation
Nathan Mizrahi "The pH of Sherburne Water" Experiment Presentation
Levi Robinson "The Lifecycle of the Butterfly" Poster Presentation
Emily Smith "Soil Erosion" Experiment Presentation
Sarah Smith "Archimedes Principal" Experiment Presentation
Amon VanAlst "The Solar Powered Rover" Poster Presentation
Hunter Wenzel "Drinking Sugar" Poster Presentation

Senior Scientists

Kelcie Hofmann "Act for Songbird, NMBCA" Poster Presentation
Katelin Smith "Density" Experiment Presentation
Nathan Turrell "Out of Focus" Poster Presentation

Judges:

Mr. John Breidenstein, Time Warner Cable, Technical Operations Manager
Mr. Joe Cornell, Unison, Retired
Mrs. Betty Robinson, OV FFA/Agri-Science Teacher; Valley Busters 4-H Club Leader
Mr. Sean Stafford, Time Warner Cable, Technical Supervisor
Mrs. Nadine VanAlst, PH, Chenango Calico Clovers 4-H Club Leader

Congratulations to the following \$250 scholarship winners from the Super Science Fair:

Nathan Turrell
Nate Mizrahi
Hunter Wenzel
Levi Robinson



Science Fair judge Joe Cornell speaks with 8-year-old 4-H'er Meghan Funk about her science fair project.

NYS 4-H FORESTRY WEEKEND

May 9-11, 2015 at 4-H Camp Shankitunk, Delaware County

Join youth from across the state for a weekend of forestry activities, games, and competition. This three-day event is for youth aged 10 and up (and staff and volunteers) interested in learning more about forests, and to select the NYS team that will go to the 2015 National 4-H Forestry Invitational (must be 14-19 for the national event)

The Forestry weekend activities include:

Tree identification	Tree measurements
Compass usage	Map reading
Insects and diseases	Geocaching
Nature games	Night hikes and more

Cost \$40 per person: includes food, materials, and cabin lodging. (A \$95 value!). Space is limited, so register now! For questions go to: <http://counties.cce.cornell.edu/orange/4-hforestry.htm> or contact Ingrid Hill at 845-344-1234 or imh23@cornell.edu or Gary Goff at 607-255-2824 or grg3@cornell.edu.



2015 Ag Literacy Week



Thank you to all who participated in this year's Ag Literacy Week! This year's program brought agricultural awareness to 600 youth in Chenango County thanks to the reading talents and/or book sponsorships of: Oxford FFA, Vicki Gregory, Betty Robinson, Louise Butcher, Jennifer Sienko, and Deb Nowalk, Shane Butler, Mindy Jo Eldred, Kelly Whitehead, Morgan Homann, and Janet Pfromm!

4-H Animal Project Info

All 4-H members planning on exhibiting livestock at the Chenango County Fair must have an animal certificate on file with the 4-H Office on or before June 1, 2015. Certificates are required for all horse, market animal, or grade animal exhibits, including beef steers/heifers, market lambs, market goats, hogs, etc. Registered animals must have a copy of their registration papers on file as well. Any animals not on file will NOT be eligible to show in the 4-H shows at County or State Fair.

Also, please be aware that the ownership deadline for all 4-H Project Animals for 2015 is June 1st. All registration papers must show ownership by this date to be eligible for show.

*A Special Thank You to Our
February 2015 - March 2015 Contributors:*



Chenango County 4-H Receives Stewart's Holiday Match Donation
Chenango County 4-H is a 2015 recipient of Stewart's Shops Holiday Match Donation Program. Chenango County 4-H is very pleased to receive the award of \$1,000 to cover the costs of teaching materials for all of the school and after school programs we do around the county. 1,600 organizations requested over \$3 million in support for 2015 while Stewart's had \$1.5 million to donate, \$777,000 coming from generous Stewart's customers! Thank you to all of the Chenango County Stewart's customers who donated to this worthwhile program!

2015 BOARD OF DIRECTORS

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Cornell Representative

Patricia Clayborne

Grins in the Garden

For youth in grades K-2

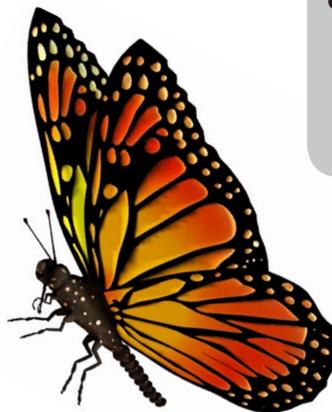
Saturday, May 9, 2015

Guernsey Memorial Library

Norwich

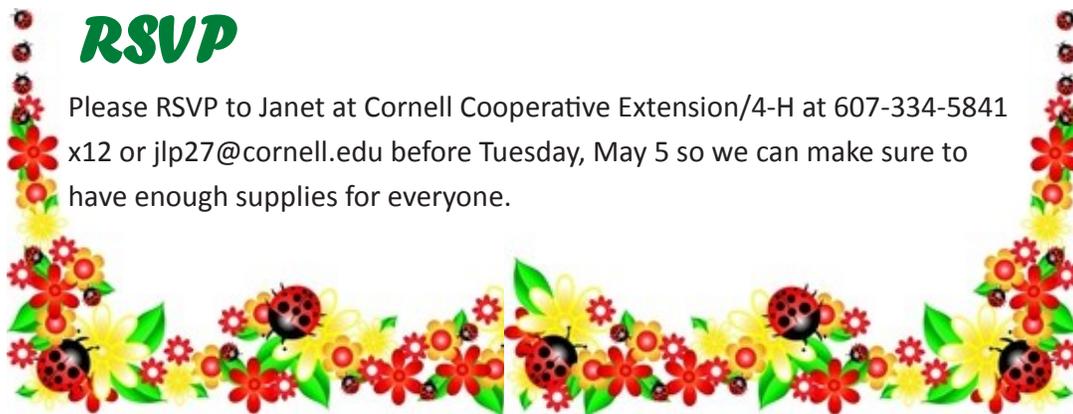
Fun Things to Do:

- * Create your own Garden Stepping Stone & Plant Sticks
- * Learn to make paper with flower seeds in it for home planting
- * Make a recycled planter
- * Munch on some garden goodies
- * Play at the park & enjoy the garden!



RSVP

Please RSVP to Janet at Cornell Cooperative Extension/4-H at 607-334-5841 x12 or jlj27@cornell.edu before Tuesday, May 5 so we can make sure to have enough supplies for everyone.





Cornell University
Cooperative Extension
Chenango County



99 North Broad Street
Norwich, NY 13815

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CCE CHENANGO STAFF

Kenneth Smith (607) 334-5841 (Ext. 19)
Executive Director
kas294@cornell.edu

Janet Pfromm (Ext. 12)
4-H Coordinator
jlp27@cornell.edu

Emily J. Anderson (Ext. 17)
Environmental Issue Educator
Recycling Ag. Plastics Project (RAPP)
Educator
eja74@cornell.edu

Richard Turrell (Ext. 15)
4-H Volunteer Coordinator
rtf229@cornell.edu

Kevin Ganoë (315) 866-7920
Field Crop Specialist
Central NY Dairy & Field Crops Team
khg2@cornell.edu

Dave Balbian (518)-312-3592
Area Dairy Management Specialist
Central NY Dairy & Field Crops Team
drb23@cornell.edu

Rich Taber (Ext. 21)
Grazing/Ag Economic Development
Specialist
rbt44@cornell.edu

Stacie Edick (Ext. 20)
Community Gardens and
Grow Cook Eat / Serve Coordinator
spe26@cornell.edu

Patty Stimmel (Ext. 16)
Horticulture Educator
Master Gardener Volunteer Coord.
patty.stimmel@cornell.edu

Betty Clark (Ext. 32)
Eat Smart NY Program Coordinator
blc28@cornell.edu

Neisa Pantalia (Ext. 33)
Nutrition Teaching Assistant
nmp52@cornell.edu

Whitney Graham (Ext. 33)
Nutrition Teaching Assistant
wdg43@cornell.edu

Alice Andrews (Ext. 18)
Finance & Operations
ama42@cornell.edu

Cindy Gardiner (Ext. 11)
Administrative Assistant
cag255@cornell.edu

Dennis Madden
Building Custodian

Bookmark our new website:

<http://chenango.cce.cornell.edu>



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Have a question?

Give us a call. CCE is here to help.

(607) 334 - 5841



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phone to quickly visit our website!

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