



Boone-Nance Counties
Albion NE 68620
402-395-2158
Fullerton NE 68638
308-536-2691
<http://www.boone-nance.unl.edu/home>



4-H Bulletin Board - January 2018

www.boone-nance.unl.edu

Welcome Mariah Woolsoncroft, Beef Educator



On January 15, Mariah will start her position as the Beef Educator serving east central Nebraska. We are so excited that Mariah's home office will be in Fullerton.

Mariah is from Salina Kansas and began her college career at Colby Community College in Colby, Kansas. She was a member of the equestrian team where she made it to semi finals her second year on the team. She received her Associate of Science degree in Equine Science.

She continued her education at Kansas State University and received her Bachelor of Science degree in Animal Science and Industry with a minor in Agricultural Economics. Mariah was a member of the KSU Horse Judging team, a KSU Agriculture Ambassador, and an undergraduate research and teaching assistant. Her horse judging team won first place at the All-American Quarter Horse Congress in 2013, fifth place in 2012, and sixth place in Halter at the AQHA World Championship Intercollegiate Horse Judging Contest in 2014.

Mariah received her Master of Science in Animal Science, Ruminant Nutrition from Oklahoma State University. She was part of the OSU Animal Science Graduate Student Association. As a research and teaching graduate assistant, her personal research focused on roughage source and health of receiving calves; corn processing on finishing cattle performance and carcass characteristics; cutting height and stage of maturity on smooth brome grass.

Mariah was a 14 year 4-H member and enjoys being outside, working with cattle and her horses. Mariah is very personable and outgoing, a hard worker, and has lots of great ideas. We all look forward to her arrival!



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture.

The 4-H Youth Development Program abides with the nondiscrimination policies of the University of Nebraska-Lincoln and the United State Department of Agriculture.

Scholarships, Grants and Upcoming Events

It's Time to Enroll!

Each year, you (members and leaders) must re-enroll in the 4-H program. Access the enrollment form at ne.4honline.com. If you are a returning member, you will select "I have a profile" on the menu on the bottom of the main screen. If you can't remember your e-mail, please contact the office and we can help you. DO NOT create a new profile if you have registered before!

PLEASE review your previous year's 4-H projects and delete any projects that you are no longer taking. Also note that the cooking projects have automatically changed to the new foods curriculum titles. There are different skill levels to the Cooking 101, 202, 303 & 404 so you might need to check out the project selection guide so you have an idea of which projects to take. Manuals can be ordered at: marketplace.unl.edu.

For NEW members! We can't wait for you to join us! Please visit ne.4honline.com. Select "I need to set up a profile". Each household will have a profile, and individual members will be added under one profile. Be sure to select the correct county. If you have any trouble, please contact the office and we will try to help.

If your 4-Her plans to attend 4-H camp or participate in any state or national events, you must complete the health section. For all other 4-Hers, you may skip over the health information.

Are you confused about which projects to take? Visit <http://4h.unl.edu/project-resource-central> for information on what each project focuses on.

Special Garden Project

The Special Garden Project is a way to offer 4-H members the chance to grow unusual and fun projects in their gardens. Last year over 1075 4-H members were enrolled in the project. This year the Special Garden Project is focused on the unique, Delft Blue Nigella.

Delft Blue Nigella is named for the famous Dutch Delft blue pottery. They have unique, 1½ - 2" flowers with blue splashes on flower petals in varying shades of blue and gray, and intricate deep-purple centers. Unusual seed pods are also used in fresh or dried arrangements. On average it will take about 65-70 days from seeding date until the plant flowers and about 80-85 days for seed pods. **[Youth should enroll for the Special Garden Project through 4-H Online.](#)**

4-H members enrolled in the Special Garden Project will:

- Receive a 'packet' of Delft Blue Nigella (one packet per youth) in March/April
- Receive a newsletter about:
 - Planting & growing nigella
 - Nigella problems & insects
 - Harvesting & using nigella
- Be able to exhibit this unique flower at County and State Fair
 - State Fair Special Garden Project Educational Exhibit Class
 - State Fair Special Garden Project Fresh Cut Flowers or Harvested Vegetables
 - Other fun county only ways to exhibit this unique flower like a story, poem, or poster.
- Complete an evaluation about their growing experience: <https://go.unl.edu/delftbluenigella>



Cooking Up Some New 4-H Curriculum!

It's a big plate of changes for the 2018 Foods & Nutrition Curriculum for 4-H this year! Instead of the Six Easy Bites, Tasty Tidbits, Fast Foods, You're the Chef, and Food Works series, Nebraska 4-H will be using the 4-H Cooking Series from National 4-H Council. This 4-H Cooking series teaches youth about food preparation, food and kitchen safety, food science, meal planning and nutrition. Each manual builds on the skills learned in the previous level, and members complete project activities for each level. Not sure which ones to enroll in? See listing below comparing previous choices to what's new on the menu!



If you were enrolled in SIX EASY BITES, choose COOKING 101!

Cooking 101 focuses on MyPlate, safe food preparation skills, and basic beginning baking projects, such as cookies, muffins, brownies, snacks and cereal based recipes. It also teaches how to set the table for a family meal, measuring dry and liquid ingredients and the importance of handwashing and keeping things clean in the kitchen! This is a county only project; not eligible for state fair.

If you were enrolled in TASTY TIDBITS, choose COOKING 201!

Cooking 201 teaches understanding and preventing foodborne illnesses, kitchen and food safety, understanding the Nutrition Food Label and how to make soups, rice, pasta, and other foods. Baking projects include making biscuits and scones, quick breads, creative mixes, coffee cakes, healthy baked products, and using alternative baking methods.

If you were enrolled in YOU'RE the CHEF, choose COOKING 301!

Cooking 301 teaches successful tips and techniques when working with yeast breads, gluten and the different types of fats used in baking. 4-H'ers also learn about menu planning and planning a special themed event. Youth also learn about grilling and outdoor cooking, and making butter! Projects include all yeast breads and rolls and making a shortening cake.

If you were enrolled in FOODWORKS, choose COOKING 401!

Cooking 401 focuses on more technical tricks in food preparation, including using herbs and spices and how to plan that special celebration. Projects include, ethnic foods, foam cakes, projects with herbs baked in them, pies, pastries and candy.

If you were enrolled FAST FOODS, please check out the different options for the COOKING series, as it incorporates the same teaching lessons throughout. Enjoy what's on your plate for 2018; it will taste great!

Food Preservation Unit 1: FREEZING

The freezing project manual covers the basics of healthy eating and food safety and specific instructions for freezing fruits; juices; vegetables; meat, fish, and poultry; and convenience foods such as pizza.

Food Preservation Unit 2: DRYING

The drying project manual covers the basics of healthy eating and food safety and specific instructions for drying fruits, vegetables, and herbs. Thirteen hands-on activities engage youth in drying a variety of foods and using dried foods in recipes, menus, and taste tests.

Food Preservation Unit 3: BOILING WATER BATH CANNING

The boiling water canning project manual covers the basics of healthy eating and food safety and specific instructions for canning fruits, tomatoes, tomato salsa, pickles, and jams and jellies with and without added pectin. Sixteen hands-on activities engage youth in canning a variety of foods and using canned foods in menu planning and taste tests.

Food Preservation Unit 4: PRESSURE CANNING

The pressure canning project manual covers the basics of healthy eating and food safety and specific instructions for canning vegetables, dry beans, meats, poultry, fish, and prepared recipes such as spaghetti sauce and soups. Ten hands-on activities engage youth in canning a variety of foods and using canned foods in menu planning and taste tests.

Livestock and Horse

Gearing Up in 2018

The new 4-H year will soon be here and that means it's time to reorganize 4-H clubs. Please let us know if you need help getting your club started or reorganized.

Be sure to invite new members and families in your community to join your 4-H group.

4-H & FFA Market Beef Check-in

Four-H and FFA beef exhibitors who plan to attend county fair, State Fair, AKSARBEN, or the Norfolk Beef Expo must have their beef animals tagged and checked-in. Two check-in days have been scheduled for beef exhibitors who reside in Boone or Nance County:

- ◆ Sunday, February 4, Town & Country Vet Clinic, working facility, Albion, 1-3 p.m.
- ◆ Sunday, February 11, Rick Wetovick Ranch, Fullerton, 1-3 p.m.

Four-H and FFA members should plan to take their beef animals to one of these sites to be processed.

Beef exhibitors who can't make one of these dates must contact the local Extension office for options.

Livestock Skillathon & Quiz Bowl Meeting

There will be an organizational meeting for any youth interested in learning more about livestock judging, skillathon or quiz bowl on Sunday, January 7th starting at 2 p.m. at the Extension Office in Albion.

All 4-Hers (10 to 18) are invited to attend along with their parents. Please let Steve know if you cannot attend but are interested.

2018 Youth Animal Science Programs

PASE (Premier Animal Science Events) will be held on the UNL East Campus on June 25 & 26. During this time many livestock related contests will be held including quiz bowl, livestock judging, meats judging and livestock skill-a-thon.

Horse Bowl Meeting

There will be an organizational meeting for any youth interested in learning more about Horse Bowl on Sunday, January 7th starting at 3 p.m. at the Extension Office in Albion.

Youth should be 10 to 18 years of age. All 4-Hers are invited to attend along with their parents. Please let Steve know if you cannot attend but are interested.

Horse Level Testing Time

Level testing can be done at any time of the year. This would be an excellent time to start working on that first or next level before next year's show season. We have had a few young riders complete their Level I and II this past year.

Members or leaders with questions can contact either office for more information about what is required to pass Level testing. Remember, district horse shows are Level II. This means that Level II must be completed before district entries are accepted.

Boone & Nance County horse exhibitors must have completed their Level 1 by June 1st to be eligible to compete at the 2018 county fair.

FCSA Working Here Fund

Farm Credit Services of America - Working Here Fund Grants Program works to benefit the communities they serve.

Through their Working Here Fund, they provide grants of up to \$2,000 to organizations that make a positive, long-term impact in the areas that benefit hunger and nutrition, young and beginning producers, and agriculture education.

Grants are awarded quarterly. Application website: fcsamerica.com/workingherefund

Upcoming Events

7th Annual Innovative Youth Corn Challenge

Do you enjoy being outside? Learning new things about crops? Considering a career involving crops, insects, diseases, soils, water or more? Do you want to help figure out how to feed our world's growing population in a sustainable way?

Nebraska Extension and the Nebraska Corn Board are offering the seventh Innovative Youth Corn Challenge Contest. This contest, open to 4-H members (age 10 & older before January 1st) or FFA members (in-school members), guides participants through all aspects of corn production, as well as agricultural careers related to corn production.

As a team (2 or more participants), youth will be challenged to implement a production practice different than normal to determine if they increased their yield. Economics and sustainability of the practice will also be considered. Yields, cropping history, and production information will be collected in the Corn Yield Challenge management summary.

Cash prizes and plaques are given. First place receives \$1,000, second place receives \$500, and third place receives \$250. Sustainability, crop scouting and "extra mile" awards are also given as cash awards. To participate in 2018, youth must complete and return an entry form by March 15. Contact the office for more information.

2018 Camping Season

Dates for Junior 4-H Camp near Genoa are set for June 6-8. This camp is for youth, ages 8-11. More details will be coming in future newsletters.



We will have brochures available in mid-January for the 2018 State 4-H Camps – Halsey and Gretna. These camps offer an opportunity for youth of all ages.

Youth Crop Scouting Competition

Nebraska Extension also offers the 5th annual Crop Scouting Competition for Nebraska youth. This contest is at the ARDC near Mead, Nebraska on July 26th, 2018. Teams of junior high and high school students (those completing 7-12th grades) are invited to participate.

Clubs or other organizations may enter a team composed of three to five participants. An adult team leader must accompany each team. Team leaders could be FFA advisors, crop consultants, extension staff, coop employees, etc.

Top-scoring teams win prizes: \$500 for first, \$250 for second, \$100 for third place. Top two teams are eligible for regional competition in August at Nebraska.

Teams are expected to know basics of scouting corn and soybean fields. This includes crop staging; looking for patterns of crop injury; disease, insect and weed seedling identification; etc. Other topics may include but are not limited to pesticide safety, nutrient disorders, and herbicide injury.

4-H Shooting Sports Leader Workshop

4-H Shooting Sports Instructor Certification Workshop is January 20-21, Lincoln.



We are in need of new volunteers to help grow the 4-H Shooting Sports program in both counties. If interested or if you know of someone else, please contact the offices. Registration details will be available at: <http://4h.unl.edu/shooting-sports/instructor>

Identification Requirements for all Species at State Fair

In 2018, the main change from an animal identification standpoint is that all sheep and goats **must have a scrapie tag**. In the past, market sheep and goats were required to use a 982 EID tag. So you can still use the 982 EID tags from years past, but they will not be required nor will they serve as the primary ID. All market wethers will require a scrapie tag. All market hogs and breeding swine (FFA only), market and feeder cattle must have an 840 EID tag and breeding heifers must have a tattoo. Please note that FFA also accepts an 840 EID tag as an acceptable form of identification for breeding beef. There will no longer be a breeding nomination card because that information will be submitted online into the AKSARBEN database by exhibitors. Substitutions—Any animal may be substituted at State Fair for an animal within the species that has been properly nominated on the exhibitor's online nomination database list.

Beef

Market Beef Identification & DNA Requirements - All market beef to be shown at State Fair must be tagged with an official 840 USDA EID tag, owned by the exhibitor and have DNA envelope and hair sample submitted to the Extension Office by April 15. All market beef exhibitors must complete online market beef nomination entry submitted through official online database by April 15. Heifers originally nominated as market heifers by April 15 may also be nominated as a breeding heifer by June 1.

Breeding Beef Identification Requirements - All breeding heifer exhibitors must complete the online breeding heifer nomination entry submitted through official online database by June 1. Heifers originally nominated as market heifers may also be nominated as a breeding heifer by June 1. Registered heifers must have legible tattoo matching registration and online nomination. Commercial heifers must have legible tattoo matching the online nomination. A calf-hood vaccination tattoo is not considered an official identification tattoo. To be eligible to show in a registered class, a breeding animal must be owned by the exhibitor, have an official breed registration, and be identified with a legible ear tattoo that corresponds with the registration papers. Breeding heifers must be recognized as registered and eligible to show by their respective state breed association to show in the registered classes.

Sheep

Market Lamb Identification & DNA Requirements - All market lambs to be shown at State Fair must be tagged with a USDA official scrapie ID, owned by the exhibitor, have completed the online nomination entry and have the DNA collector envelope with hair sample submitted to the Extension Office by June 1. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair. Youth who choose to exhibit their animal in the FFA show at State Fair will be ineligible to show that animal at the AKSARBEN show.

Breeding Sheep Identification Requirements - All breeding sheep must have an online breeding nomination entry submitted through the official online database by June 1. All ewes must be tagged with a USDA official scrapie ID. The scrapie ID will serve as the 4-H identification number. Youth have until August 10 to declare if they will show 4-H or FFA at State Fair. Youth who choose to exhibit their animal in the FFA show at State Fair will be ineligible to show that animal at the AKSARBEN show.

Meat Goat

Market Goat Identification & DNA Requirements - All market goats to be shown at State Fair must be tagged with a USDA official scrapie ID, owned by the exhibitor, have completed the online nomination entry and have the DNA collector envelope with hair sample submitted to the Extension Office by June 1. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair. Youth who choose to exhibit their animal in the FFA show at State Fair will be ineligible to show that animal at the AKSARBEN show.

Breeding Meat Goat Identification Requirements - All registered and commercial breeding does must have an online breeding nomination entry submitted through the official online database by June 1. All does must be tagged with a USDA official scrapie ID. The scrapie ID will serve as the 4-H identification number. Youth have until August 10 to declare if they will show 4-H or FFA at State Fair. Youth who choose to exhibit their animal in the FFA show at State Fair will be ineligible to show that animal at the AKSARBEN show.

Swine

Market Swine Identification & DNA Requirements_ - All market swine to be shown at State Fair **must** be tagged with an official 840 USDA EID tag or producer EID tag, owned by the exhibitor, have completed the online nomination entry and have the DNA collector envelope with hair sample submitted to the county Extension office by June 1. Hogs will be disqualified without exception if the EID information does not match the hog at check-in.

Boone County 4-H Ambassador Program

The Boone 4-H Council will select up to three individuals who best represent the Boone County 4H Program. These ambassadors should be well spoken and carry himself/herself with poise, sense of self-worth, and respect. They should be a leader who shows initiative and a sense of pride and commitment to promote and represent the Boone County 4H Program.

To Apply:

- Must be 4-H age 14 (before January of the current year)-18 and have completed a minimum of two years in 4-H, (not including current year), and currently enrolled.
- **Must complete application and turn into the 4-H Extension Office by January, 5, 2018.**
- Applicants will be interviewed on their 4-H experience by a panel of judges after applications have been reviewed. Applicants should be available for an interview at this time.
- Applicants must furnish two references with contact information. (non-family member)

Benefits:

- \$500 Scholarship to college of choice if is contract fulfilled
- Recognition of accomplishments
- Two 4-H polo's to wear at events
- Resume/Scholarship building experience

Youth who are interested can contact the Extension Office for more details. The application form can be found at— <https://extension.unl.edu/statewide/boone-nance/boone-county-4-h-ambassador-program/>

Select 2018 4-H Projects by Using the Online Search Feature!

All across Nebraska 4-H youth are beginning to select their 4-H projects for 2018! Let the **Nebraska 4-H Pick Your Project** help connect you with projects that fit your interests and skill levels!

The interactive, web-based Nebraska 4-H Pick Your Project is found online at <http://4hcurriculum.unl.edu>. Using the Pick Your Project, youth, volunteers, and parents will be able to search for projects by keywords, curriculum areas, knowledge levels, and geographic level.

As an added feature, the web-based Pick Your Project contains the same project codes that are shown in the [4HOnline Enrollment](#) system, making it easier to match the exciting 4-H projects you are learning about in the Pick Your Project with the projects you are enrolling in through 4HOnline.

Explore over 150 Nebraska 4-H projects through the Nebraska 4-H Pick Your Project and find the 4-H projects that will help you grow throughout 2018!

2018 Dates

January 22 – Nance County 4-H Council
January 29 – Boone County 4-H Council
June 13 – District Horse Show, Ord
June 14 – District Horse Show, York
June 21 – District Horse Show, Central City

Happy New Year,



Steve Pritchard
Extension Educator



Sonya L. Glup
Extension Associate



EXTENSION
Boone and Nance Counties
222 S 4th Street
Albion NE 68620-1247

4-H NEWSLETTER

REMINDER Boone County 4-Hers

Would the following people please stop by the extension office and pick up your premium money or Cornhusker Public Power District photos:

Skyler Anding
Brenden Beierman
Carter Beister
Kassidy Beister
Mazie Beister
Jacob Devine
Ava Duerksen
Marysa Duerksen
Sebastian Fiebelkorn
Jayla Iburg
Shashannah Iburg
Gavin Ienn
Cole Jochem
Cory Jochem
John Laska
Bailey Lehr

Brooke Lehr
Rachel Malander
Hunter Meyer
Grace Murray
Garret Niewohner
Hunter Olnes
Lauren Pugh
Garrett Rasmussen
Kylee Rasmussen
Macy Reardon
Elissa Reynoldson
Erin Reynoldson
Taylor Weber
Samantha Weeder
Macy Zentner

Please pick these up by **March 1st** or they will be returned to the Fair Board.