

4-H NEWSLETTER

May, 2019



LINCOLN COUNTY
COLORADO STATE UNIVERSITY
EXTENSION

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THANK YOU'S

4-H Fun Day/Demonstration/Speech/Jamboree/Creative Cooks Contest:

Hugo School and Justin Lennox (Ag Dept.), Tasha Lindt, Jacob Piper, Ashlynn Hass, Fred Lundy, Tammy Yoder, Centennial Mental Health, Eastern Colorado Veterinary Clinic, First National Bank of Hugo, Rocking 4-H Club, Ace Hardware, Osborne's Supermarket, Aubrey Lindt, Alyssah Ewing, Gaige and Elivia Hilferty, Maddie Buckner, Austin McCue, Liliana Borders, Lyndee Yoder, Jiggs Parker, Daisy Stone, and TerriAnne Saffer.

Meat Quality Assurance:

MWI Animal Health & Eastern Colorado Veterinary Clinic for supplying a free Sharp's container, Needle Safety Sheet, and a coupon for disposal of a full container for members enrolled in livestock projects!

INSIDE:

Information & Events	2-4
State Fair Information	4
Event Round Up	5-6
Calendar	7
Ag Corner: Noxious Weeds & Applicator Information	8-9
Volunteer Corner & CSU Eastern Plains Research Centers	10
Activity page	11
Just to Get You Thinkin & Record Books	12
4-H's	13

-2019 Lincoln County Fair -

The Lincoln County Fair Book is now online at:

lincoln.extension.colostate.edu/lincoln-county-fair/

*Checkout the schedules, project requirements, and rules.

*Colorado 4-H project information and record book resources:
co4h.colostate.edu/program-areas/

*Coming Soon: Print copies of the Fair Book at various business locations. Club leaders will also receive hard copies to hand out to their members when they become available.

INFORMATION & EVENTS

County:

- ◆ **Horse, Cat, and Dog ID's** must be uploaded in 4H Online by May 1st if the member is going to state fair. The County deadline is July 1st. A horse may be ID'd/shared as a project horse by no more than 2 unrelated 4-H Members and immediate family members may share and ID the same project horse.
- ◆ **County 4-H Foundation General Project Scholarship** application is due May 1st. This is a scholarship from the County 4-H Foundation to help members with non-livestock projects. The form is available on the extension website at drive.google.com/file/d/1MK89qDkNjNyvOJJC74F5IPsSzGwQsEwn/view.
- ◆ **Sheep, Goat, and Swine Weigh-In** is May 4 at the Lincoln County Fairgrounds. Weigh-in is from 8:00-10:00am. Swine Ear Notch ID forms are available at lincoln.extension.colostate.edu/4-h-forms-applications/. State Fair nomination information is available on our website under forms/fair/state fair. You must get a retinal scan and fill out paperwork for agent signature if you plan on participating at state fair.
- ◆ **State 4-H Conference** is June 18-20 in Fort Collins. Registration for members 14+ is due May 10. Members will need to email Christine at christine.schinzl@colostate.edu with their t-shirt size and workshop choices for Tuesday, Wednesday, and Thursday and we will complete registration on our side. Workshop selection information is available at <http://co4h.colostate.edu/events/state-conference/at-a-glance.pdf>. *Billing will take place after the deadline.

Other:

- ◆ **Maine-Anjou Scholarship** application is due May 1st. Information is available at maine-anjou.org/junior/scholarship.php.
- ◆ **Angus Foundation Scholarships** are due May 1. For information go to angusfoundation.org.
- ◆ **National Junior Swine Association Scholarships** application is due May 1st. Information is available at nationalswine.com/njsa/njsa-scholarships.php.
- ◆ **Shorthorn Association Scholarship** application is due May 1st. Information is available at juniorshorthorn.com/opportunities/scholarships/.
- ◆ **Red & White Dairy Cattle Association Scholarship** application is due May 1st. Information is available at redandwhitecattle.com/juniors.
- ◆ **4-H Virtual Companion Animal Club Critter Corner** meetings are the first Monday of each month through June at 6:00pm online. Registration is open to all 4-H members and is through in 4H Online.
- ◆ **Douglas County 4-H Fun Dog Show** is May 11 and June 22 at the Douglas County Fairgrounds. For information and registration contact 720-733-6940 or douglascsuextension.wufoo.com/forms/q1r11r3j1l8ll2/.
- ◆ **Limousin Association Scholarship** application is due May 15th. Information is available at nalf.org/juniors/scholarships/.

INFORMATION & EVENTS

Other:

- ◆ **American Milking Shorthorn Society Cindy Climer & Jim King Memorial Scholarship** application is due May 15th. Information is available at milkingshorthorn.com/uploads/7/8/7/9/78798376/climer_king_scholarship_application.pdf.
- ◆ **Leggett's You Gotta Believe Livestock Camp** is May 17-19 at the Mesa County Fairgrounds. Beef, sheep, and goat camp is open to youth ages 7-21. Contact Kim Constable at 970-270-7060 or constableslowervalleyag@msn.com for more camp information and registration links.
- ◆ **Weld County 4-H Poudre River Dog Show** is May 18 at Island Grover Regional Park in Greeley, CO. Registration is at <https://form.jotform.com/90706583356160> or 970-400-2079.
- ◆ **Red Carpet Prospect Show** (beef, sheep, and goat) is May 18 at the Arapahoe County Fairgrounds. Contact redcarpetprospectshow@gmail.com for registration and questions.
- ◆ **Uncompahgre Valley Livestock Jackpot** is May 25-26 in Montrose, CO. For information and registration contact Kelsey Klock 719-251-5698 or Christy Kimble 970-209-9224.
- ◆ **Syngenta Agriculture Scholarship** application is due May 24. Additional information and the application is available at syngenta-us.com/scholarships/.
- ◆ **Fremont County 4-H Dog Shows** are May 25 and July 20. For more information contact 719-217-6902.
- ◆ **National Poultry and Food Distributors Association Scholarship** application is due May 31. The application is available at npfda.org/npfda-scholarships.
- ◆ **Weld 4-H Invitational Shoot** is June 1 at the South Platte Historical Society Range in Ft. Lupton. Contact Ray Sagehorn at 720-244-0238 for questions and register at <http://www.signupgenius.com/go/20F0A4DAFAC29A2F49-weld4>.
- ◆ **Arapahoe County 4-H Open Horse Show** is June 1 at the Arapahoe County Fairgrounds. Information is available at <https://arapahoe.extension.colostate.edu/4-h-youth-development/4-h-projects/4-h-horse-project/>.
- ◆ **American Agri-Women Daughters of American Agriculture Scholarship** is due June 1. Application information is available at americanagriwomen.org/scholarships/.
- ◆ **Alpha Gammo RHO Scholarship** is due June 1. Open to graduating 4-H or FFA seniors enrolling at CSU. Information is available at drive.google.com/file/d/1WWImCTSxCRWb7-l-zUBjNCoHoLOzNkvV/view?usp=sharing.
- ◆ **Douglas County 4-H/Open Horse Buckle Show Series** is June 1 and 16 at the Douglas County Fairgrounds in Castle Rock. Information is available at douglas.extension.colostate.edu/4-h/programs-2/horses/.

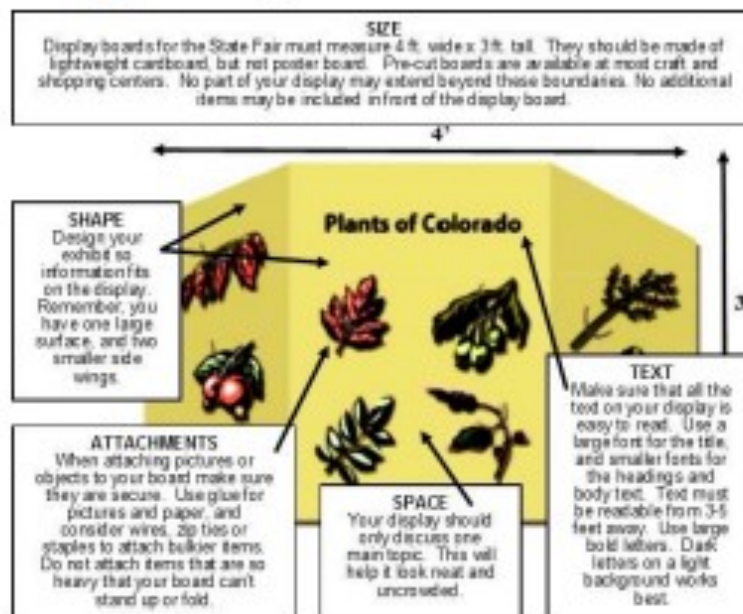
INFORMATION & EVENTS

Other:

- ◆ **Park County Spring Classic Livestock Showmanship Clinic** is June 1 at the Park County Fairgrounds in Fairplay, CO. For more information contact Adam Shirley 303-947-3904 or drive.google.com/file/d/1bY6-R9kd1cVzc3M_rkr0VjBb_ogtIEpY/view?usp=sharing.
- ◆ **National Association Farm Broadcasters (NAFB) Scholarship** is due June 11. Information and application is available at nafb.com/foundation/scholarship-program.
- ◆ **North Park 4-H/FFA Livestock Jackpot** is June 16. For more information contact the Jackson County Extension Office 970 723-4298 or coopext_jackson@mail.colostate.edu.
- ◆ **Massey Show Lamb Camp** is June 17-18 and **Goat Camp** is June 19-20 at the Brush Fairgrounds. For information and registration go to <http://www.masseyshowlambcamp.com/>.
- ◆ **Mesa County 4-H Invitational Shoot** is June 22 at Cameo Shooting Complex in Grand Junction. For information contact Mesa County Extension 970-244-1837.

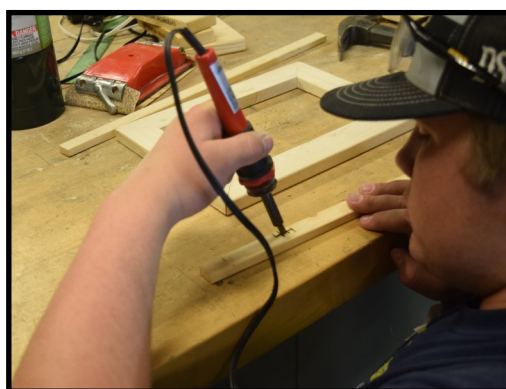
STATE FAIR & DISPLAY BOARD REQUIREMENTS:

Use the Colorado State 4-H website at colorado4h.org/project_resources/StateFairExhibitReq.pdf to find information on State Fair requirements and specifications for display boards. This site also has a link to the e-records that you will use for all General and Home Economic projects.



EVENT ROUNDUP

Meat Quality Assurance Training, 4-H Fun Day, Demonstration, Speech, Jamboree & Creative Cooks Contest



EVENT ROUNDUP

Speech Arts Contest

		Placing
Senior Prepared Speech	Brylie Thompson	1
Senior Impromptu Speech	Lyndee Yoder	1
	TerriAnne Saffer	2
Champion Senior Speech Ind.	Lyndee Yoder	
Reserve Champion	Brylie Thompson	
Overall Champion Speech Arts	Lyndee Yoder	

Demonstration Contest

Senior Ind. General Demo.	Kara Kissel	1
	Jack Kissel	2
Junior Ind. General Demo.	Isiah Yoder	1
Senior Ind. Family & Consumer Demo.	Lilliana Borders	1
Inter. Team Family & Consumer Demo.	Kate & Jira Kissel	1
Senior Ind. Ag Demo.	Daisy Stone	1
	Jada Kissel	2
	Alyssah Ewing	3
Intermediate Ind. Ag Demonstration	Levi Yoder	1
Junior Ind. Ag Demon.	Kayla Bee	1
	Cash Bee	2
Champion Junior Ind.	Kayla Bee	
Res. Champion Junior Ind.	Isaiah Yoder	
Champion Inter. Ind.	Levi Yoder	
Champion Senior Ind.	Daisy Stone	
Res. Champion Senior Ind.	Kara Kissel	
Champion Inter. Team	Kate & Jira Kissel	
Overall Champion Demo. Contest	Daisy Stone	

Jamboree Contest

Intermediate Instrumental Solo	Grady Smith	1
	Kallie Yoder	2
	Kate Kissel	3
Junior Instrumental Solo	Jira Kissel	1
Champion Jamboree	Grady Smith	
Res. Champion Jamboree	Kallie Yoder	

Creative Cooks Contest

		Placing
Junior Division	Elsie Thompson	1
	Asha Thompson	2
	Jira Kissel	3
Intermediate Division	Kacee Jo Saffer	1
Senior Division	Tailyn Thompson	1
Senior Specialty Division	Liliana Borders	2
Champion Junior Ind.	Elsie Thompson	
Res. Champion Junior Ind.	Asha Thompson	
Champion Inter. Ind.	Kacee Jo Saffer	
Champion Senior Ind.	Tailyn Thompson	
Res. Champion Senior Ind.	Liliana Borders	
Overall Champion	Tailyn Thompson	



May 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 County 4-h Foundation Project Scholarships Due	2	3	4 Sheep, Swine, Goat Weigh-In 8-10:00am @ Fairgrounds -Elbert Livestock Judging Contest
5 Heartland 4-H Club Mtg.	6	7	8	9	10	11 Routt County Livestock Judging Contest
12 Mother's Day	13 Kountry Kids 4-H Mtg. @ Extension Office	14 Fairboard Mtg 7:30pm @ Extension Office	15	16 Stockmen's Mtg. 7:30 @ Extension Office	17 Tri-River/Gunnison Livestock Judging Contests	18 Tri-River/Gunnison Livestock Judging Contests
19	20	21	22	23	24 Karval 4-h Club Clean up 10:00am @ Spring Hill	25
26	27 Karval 4-H Club Fundraiser 8:00am @ Park -Memorial Day-Office Closed	28	29 Livestock Sale Committee Mtg. 5:00pm @ Fairgrounds	30	31 Shoot Practice 2 8:30am @ Limon Gun Range (Rifle, Archery, & Shotgun)	June 1

AG CORNER: NOXIOUS WEEDS & APPLICATOR CERTIFICATION INFORMATION

Weeds can be problematic not only for those in agricultural production, but the average homeowner as well. Weeds choke out desired plants, extract large amounts of water from the soil in some cases, can be poisonous or dangerous to animal's health, ruin crops, and leave behind seeds that can be harmful as well such as burs, and more. A weed quite simply is a *“plant growing where it is not wanted and in competition with cultivated or other desired plants.”* A weed could be volunteer wheat growing in a corn field or wild peas growing in the tulip patch. However, through classification in most states, many weeds are placed on a scale of those to “watch” and work on preventing growth to those that must be “eradicated” and are a high priority. Some weeds cause very minor damage and are easily removed, while others can ruin crops or grasslands or take over yards and can be extremely hard to control and eradicate. Weeds tend to be very hardy and can live in undesirable conditions or even have seeds that “hibernate” until more favorable soil conditions emerge (i.e. wetter than usual spring).



In Colorado there are four list designations for noxious weeds:

List A (Weed Species)-Designated for eradication.

List B (Weed Species)-Weeds for which a noxious weed management plan has been developed and implemented to stop the continued spread of the species.

List C (Weed Species)- Weeds for which plans are developed to help provide education, research, and biological control of the species for those jurisdictions which choose to work on control.

Watch List (Weed Species)- Those that pose a potential threat to agricultural production and environment in the state.

Resources:

Lincoln County Weed Management Guide: lincoln.extension.colostate.edu/programs/gardening-horticulture/

Weed Science Society of America: wssa.net/wssa/weed/articles/wssa-what-makes-a-weed/

Colorado Department of Agriculture (Noxious Weeds): colorado.gov/pacific/agconservation/noxious-weed-species

colorado.gov/pacific/agconservation/noxiousweeds

Download the noxious weed identification mobile app for [IOS](#) and [Android](#) from the Colorado Department



of Agriculture.

AG CORNER: NOXIOUS WEEDS & APPLICATOR CERTIFICATION INFORMATION (Cont.)

Control of weeds can include many forms including:

- Manual=This can include individual plant digging, mowing, tillage, planting cover crops, etc. to control weed populations.
- Biological Control= Agents including insects or animals that help to control or mitigate a weed population.
- Chemical= Use of a product to control or kill a weed species through chemical/cellular interaction.

Spraying weeds is a common method of control for many weeds, but often requires certification for the use of “restricted” products. Restricted products are those that are deemed to require additional training and oversight of product use to prevent overuse/misuse because of the potential environmental/human/animal impact. There are two types of applicator certifications available in general. Private certification is for those that wish to use restricted use products for personal/private business use. Commercial certification is for those individuals or businesses who wish to apply restricted use products for other individuals or businesses. This would include the farmer who does spraying on his neighbor's land in exchange for use of the neighbor's combine. Check out the resources below for specific information on how to become a certified applicator and applicable requirements including record keeping.

Applicator Certification Information:

- Colorado Department of Agriculture-Pesticide Certification- colorado.gov/pacific/agplants/pesticides
- Environmental Protection Agency (EPA)-Pesticide Applicator Certification- epa.gov/pesticide-worker-safety/how-get-certified-pesticide-applicator
- Colorado Environmental Pesticide Education Program (CEPEP)-cepep.agsci.colostate.edu/

Record Keeping Resources:

- Pesticide Application Record Keeping Information and Forms Resource:
cepep.agsci.colostate.edu/2-regulations/recordkeeping/
- USDA Record Keeping-Pesticide Application: ams.usda.gov/rules-regulations/pesticide-records

Restricted Use Pesticide Recordkeeping Form

Name and Certification Number	Application Date*	Brand or Product Name	EPA Registration Number	Size of Area Treated	Rate Per Unit**	Total Amount Applied	Location	Crop

ams.usda.gov/sites/default/files/media/Pesticide%20Record%20Form.pdf

VOLUNTEER CORNER:

4-H Colorado Policies & Guidelines: co4h.colostate.edu/about-us/4-h-policy-handbook/

- ◆ 2018-2019 Policies & Procedures
- ◆ 4-H / FFA MOU
- ◆ Alcohol Policy Handbook
- ◆ Colorado 4-H Code of Conduct
- ◆ Colorado 4-H Dress Code

CSU EASTERN PLAINS RESEARCH CENTERS:

Colorado State University has Agriculture Experiment Stations and regional centers for research and diagnostic programs across the state of Colorado. One such new center will be the CSU High Plains Campus, which will be located in Rocky Ford, CO. It will be host to updated services and research including:

- Regional Veterinary Diagnostic Laboratory
- CSU Extension Southeastern Colorado Regional Personnel
- Otero County Extension Personnel
- Specific Area Programs include:
 - Eastern Colorado AES Programs-Beef cattle management (nutrition/feeding)
 - Arkansas Valley AES Programs-Irrigated crop production
 - Plainsman Research AES Programs-Irrigation and farming systems

Resources:

CSU Ag Experiment Station Listing: aes.agsci.colostate.edu/ and aes.agsci.colostate.edu/research/

Arkansas Valley Research Station (Rocky Ford): aes-avrc.agsci.colostate.edu/

Eastern Colorado Research Center (Akron): aes-ecrc.agsci.colostate.edu/

Rocky Ford Veterinary Diagnostic Laboratory: cvmb.colostate.edu/directorysearch/search/groupdetail/vdl/RockyFordDiagnosticLab

ACTIVITY PAGE

Monthly Reader:

*Hello Ruby: Journey
Inside the Computer*
-Linda Liukas

Name That Hazard:



A)



B)



C)



D)



E)



F)



G)



H)



I)

Safety Data Sheets (SDS) (Formerly Material Safety Data Sheets-MSDS)-Are required of product manufacturers, distributors, or importers to communicate the hazards of chemical products. Safety data sheets are different than the product "label" which contains general information. A general search or going directly to a company's website or calling their designated number will allow you to find the SDS's for products.

Hazard Communication Safety Data Sheets Standard Information Format- [osha.gov/Publications/HazComm_QuickCard_SafetyData.html](https://www.osha.gov/Publications/HazComm_QuickCard_SafetyData.html)

Examples of Safety Data Sheets:

Windex- facilities.ofa.ncsu.edu/files/2016/07/SDS_WINDEX-COMMERCIAL-LINE-ORIGINAL-GLASS-CLEANER.pdf

Clorox Products- thecloroxcompany.com/brands/safety-information/sds/

Bonus Activities:

-Check out these websites to see what a SDS is, what it should look like, and the important information provided.

-Make a list of chemical related products in your house, garage, and barn (i.e. Clorox, soap, W-D40, Sullivan's Show Supply-Black Magic, etc.) and then look up and print off a SDS to put in a binder in each building.

JUST TO GET YOU THINKIN...

“Don’t let yesterday use of too much of today.”

-Will Rogers

“There are no mistakes, only opportunities.”

-Tina Fey

PROJECT RECORD BOOKS: PART 3

State Fair Exhibit Requirements: co4h.colostate.edu/program-areas/state-fair-information/

Pictures:

- Each record book needs a minimum of four pictures of your actual current year 4-H project.
- A descriptive caption should be included with each picture to tell the judges what you are doing, what is being learned, and when the picture was taken.
- Pictures should be taken throughout the project to show progress from the beginning to the end.

Animal Purchase Record & Inventory:

- Only animals owned at the start of a project should be listed in beginning animal inventory.
- Ending animal inventory should only consist of animals still owned/alive at the end of the project.
- Ensure the Animal ID includes the species, animal sex, and tag # or other ID.
- Fill out all required animal breeding supplements according to the instructions.

Health Record & Expenses:

- Supplements and medicated feed should be listed with feed expense records.
- The health record items purchased should be listed under health expenses even if there was no direct cost (i.e. you traded labor for 3cc of de-wormer for your goat). Put health item, paid to relative (labor trade), cost \$0.00. This will accurately depict what health items you provided for your animals.
- Read the instructions carefully as health records do include cleaning pens, clipping, hoof trimming, etc.
- You must properly fill out each column including medication lot numbers and expiration dates.
- Use proper names (i.e. John Smith) of individuals: not mom, dad, grandma, brother, etc.



Head– Neogen offers genomic/genetic services in the United States and abroad. They provide genetic testing capabilities for not only livestock, but crops, horticulture, aquaculture, and forestry. If you ever been curious about DNA and how profiles from testing can help improve your agriculture production operations then this company is one of many where you can do some research and learn more. The use of DNA profiles is becoming increasingly popular as producers and researchers continue to strive for superior products and production methods. To learn more check out- genomics.neogen.com/en/.

Heart– Spring has come and trees and flowers are beginning to bloom. It also means that the grass and weeds in your yards and back alley areas are also beginning to grow. The spring is a great time to do some general yard clean up and get rid of any dead plant material. There are many individuals who own homes, but may not be able to complete the job themselves including: elderly, living alone, have some physical limitations, or just a very large yard. Volunteering to help clean up someone’s yard or loan equipment is a great way to add community service hours to your resume and do something for others.



Hands– The BEEF Checkoff has come up with “Chuck Knows Beef”. This interactive technological feature helps consumers with all things beef related when they are in the kitchen or doing their shopping including:

- Recipes
- Cooking
- Beef Cuts

The app is designed to engage consumers and help them quickly get answers about beef. To learn more about the app or how to download check out:

Activate the “Chuck Knows Beef” App on:

- Google Assistant
- Amazon Alexa
- Mobile Phone

-Web- chuckknowsbeef.com/#/

Beef Website-beefitswhatsfordinner.com/chuck

Health– Spring means that animals are more active as they come out of hibernation and move to other habitat areas. This movement causes an increased interaction between wild animals and humans/livestock. This also means that there is a great likelihood for contraction of rabies. It’s important to remember the following tips in the spring:

- Avoid contact with wild animals.
- If you suspect a livestock animal has been bitten; quarantine the animal, notify your veterinarian and local Colorado Department of Agriculture.
- Properly dispose of dead animals and do not touch them with bare hands.
- If you are bitten go to your nearest medical facility for treatment.

Resources:

Center for Disease Control- cdc.gov/rabies/index.html

CO Dept. of Ag. Rabies- colorado.gov/aganimals/rabies-0