

4-H NEWSLETTER

November 2022



LINCOLN COUNTY
COLORADO STATE UNIVERSITY
EXTENSION

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INSIDE

4-H Enrollment-New Year Information	2
Volunteer Corner & 4-H Member Project Help	3
Information & Events	4-5
Activity Page	6
Animal Information Corner: CL	7-8
Event Roundup & Just to Get You Thinkin...	8
4-H Clubs & Calendar	9
4-H's	10

THANK YOU'S

Thank you to all of the individuals and business's that donated to the 4-H foundation to provide awards to provide fair awards to youth!

Len and Nola Stone, Buckos Feed N Freight LLC, Gary Yowell, Honest Oak LLC, Limon Stop N Shop, Pronghorn Country Ace Hardware, Flagler COOP, High Plains Bank KC Electric, Plains Heating, A/C Trans West Dodge, WW Enterprises, Martinis Liquor, Fisher Farms, Winterberg Oil CO Wrecker Service, Theron Perry, Carl Stogsdill, Northeast Agricultural Service Limited, The Insurance Store, CO-ED Cattle Company, Osborne's Supermarket, Prairie Soil Conservation Dist., Fred Poss, Barry Seymour, Mile Saver Shopper/ Flagler News, High Plains Vet, 1st National Bank Hugo-Limon, Longshot Distributing Parker Newbanks Jr., VFW Joe Will Post Hugo, William Bledsoe III, Thomas Brown, Harold Yoder, Raymond Beedy, Wilma Mosher, High Plains Soil Conservation District, Steve Beedy, Reid Cattle Company, Parmer Automotive, Equitable Savings and Loan, Stone Oil, JVK ENT/Vern's TV, Everett Churchwell, Robert Safranek, Kurt Lofdahl, Meier Custom Embroidery, Hugo Liquors, Mike Devers, Vernon Stone, Carla Stone, Denise Williams, Eastern Colorado Vet Service, Doug and Rhonda Blackwelder, Lincoln County Stockmen's Association, Colorado Championship Ranch Rodeo, Yoder Ranch, Kissel Horses, and all of our other sponsors who have contributed throughout the year in time, goods, or monetary donations!

The Extension Office/4-H are on Facebook @

[Lincoln County Colorado Extension](https://www.facebook.com/LincolnCountyColoradoExtension)



Lincoln County Extension/4-H
Website @

lincoln.extension.colostate.edu

4-H ENROLLMENT-NEW YEAR INFORMATION

Enrollment Deadlines:

October 17-Enrollment Opens

February 1 (Date Change)-

Enrollment closes for returning members, new members, foundation members, & volunteers.

Project Deadlines:

March 1-Hunter's safety must be completed for all members enrolled in shooting sports that will be participating in live fire activities.

**May 15 (Date Change)- Project add/drop.

*Livestock will have to be tagged and/or nominated to be eligible to show at fair. Information will be posted in the newsletter for current year information.

Other Deadlines/ Project Requirements:

*Refer to the fair book for project requirements to show at the county fair. Download a record book for completion requirements as well.

*Watch for information in the newsletter, Facebook page, or web calendar.

Information Required for 4-H Enrollment Approval:

-Verify your eligibility for enrollment in Lincoln County. *Requirements include one of the following: reside/own property in the county; attend school in the county; or live within 10 miles of the county line. To enroll members must be between the ages of 8-18 as of December 31.*

-Enrollment must be completed in your 4H Online account.

-Complete the health form. **If you do not have health insurance, please put (None). The health form is required for event/camp participation.*

-Complete the t-shirt size and other release forms.

-Complete emergency contacts (must be different from the parents/guardians).

-Update your mailing address, phone numbers, and preferred email. **Email is the primary mode of communication from the office. The primary account listed in 4H Online is the one getting messages.*

-Refer to the Colorado 4-H project page to verify you are enrolling in the correct project. **Hunter's Safety is required for all members participating in shooting sports that will be shooting in live fire activities.*

-Remember to read each page carefully, select options, and electronically sign and date all sections in 4H Online before clicking to the next page. **You cannot return to a previous page.*

**Enrollments for members and volunteers cannot be approved until all required information has been completed. Please contact the office if you have any questions.*

Resources:

Lincoln County 4-H- lincoln.extension.colostate.edu/programs/4-h/

Colorado 4-H- co4h.colostate.edu/

Enrollment/Project Fees: -Enrollment fee- \$18/member (Pay fee to the club directly). **Other projects or activities may require additional fees or expenses. There are no fees for leaders or volunteers.

-Shooting Sports members- \$25/per enrolled shooting sports discipline. (This is in addition to the enrollment fee and is payable to the Extension office directly by January 31st).

Project Books/Manuals: Families will need to order project books/manuals directly from the supplier. Go to Colorado 4-H @ co4h.colostate.edu/program-areas/colorado-4-h-project-information/ and then click on "publication order form" to see where to download or order manuals.

VOLUNTEER CORNER

Returning Volunteers (including committee members and foundation members):

-Re-Enrollment Reminder: Thank you for your service this past year! We appreciate all that you do. Don't forget that re-enrollment season is upon us. As a certified volunteer we need you to login to 4H Online and renew your enrollment to ensure you can continue to participate as a volunteer.

-As a project volunteer, please let your club leader or the office know if you have an interest in conducting a project club meeting or county workshop this upcoming year.

4-H Volunteer Opportunities:

What: 4-H volunteers can help youth develop life skills by volunteering their time, resources, and knowledge in over 20+ project areas.

Opportunities: Shooting sports or other project instructors, club leaders, camp chaperones (male and female), committee members, special events, providing monetary support or equipment, and more!

Value of Volunteering: Engage with Youth; teach valuable life skills; giving back to others; spending valuable time with family and friends, and more!

How: Give the Extension office a call or check out our website to learn more and start the volunteer experience.

4-H MEMBERS PROJECT HELP AVAILABLE:

4-H Members- It's a great time to pick out your new year's projects. As you consider what you are going to learn about this next year; don't forget there are local resources. We have many club and county project related volunteers who are available to help throughout the year. Please contact the extension office or your club leader to help connect you to resources to make your projects more successful this upcoming year.

State Resources:

2023 4-H Projects List @ co4h.colostate.edu/program-areas/colorado-4-h-project-information/.

*Changes to projects or units are highlighted in yellow.

*New State Pilot Project this year is Natural Resources.

4-H Project Manual Ordering Information @ co4h.colostate.edu/program-areas/colorado-4-h-project-information/.

INFORMATION & EVENTS

County: *Reminder to check your email and monitor our Facebook page for updates on 4-H activities and events. **Forms, fees, and registrations are due to the office by (day stated) or (previous Friday) if the day is a weekend or holiday. County related form sand applications are available on the 4-H Forms & Applications page at lincoln.extension.colostate.edu/4-h-forms-applications/. A reminder that forms can be mailed, emailed, faxed, or dropped through the back door slot. The extension office cannot take credit cards for payment purposes.*

-Lincoln County Extension/4-H Website @ lincoln.extension@colostate.edu

-Facebook @ [Lincoln County Colorado Extension](#)

-Colorado 4-H Website @ co4h.colostate.edu & 4H Online @ v2.4honline.com/#/user/sign-in

- ◆ **4-H Enrollment** for the new year for new and returning members is open in 4H Online until February 1 for new and returning 4-H members and volunteers (including foundation and committee members) 4H Online Family Enrollment Resources are available @ co4h.colostate.edu/program-areas/4honline/.
- ◆ **Livestock Sale Committee (Livestock Scholarship Program Goat, Swine, and Sheep)** applications are due February 1 for 4-H and FFA members For specific program information and applications go to “4-H Programs and Applications”, and look under the “livestock sale” tab @ lincoln.extension.colostate.edu/4-h-forms-applications/.
- ◆ **Hunter’s Safety (Shooting Sports)-** Now is a good time to start looking for Hunter’s Safety courses if you are interested in taking shooting sports as a project this next year. Hunter’s Safety certification must be completed by March 1 to participate in shooting range activities. Find classes @ cpw.state.co.us/learn/Pages/HunterEducation.aspx.
- ◆ **4-H Project List is available** @ co4h.colostate.edu/program-areas/colorado-4-h-project-information/. There is a new project “Natural Resources” that is piloting this year.
- ◆ **4-H Project Manual Ordering Information** @ co4h.colostate.edu/program-areas/colorado-4-h-project-information/

Other: **** Verify with listed contacts pertaining to their individual event to find out specific information and guidelines, event cancellation procedures, registration requirements, etc.*

- ◆ **Additional Events-Facebook-** Many events/notices/resources in and out of 4-H are also posted on the [Lincoln County Colorado Extension](#) Facebook page as they become available. Be sure to check the page for additional opportunities and information for both youth and adults.
- ◆ **CSU Extension Live Smart Blog (Family & Consumer)** @ livesmartcolorado.colostate.edu/.
- ◆ **CSU Extension Horticulture Blog** @ cshort.blogspot.com/.

INFORMATION & EVENTS

- ◆ **CSU Extension Cottage Food Producers Trainings** are being offered online in 2022. To sign up for a training go to [cottage-food-safety](https://cottage-food-safety.com).
- ◆ **Lincoln County-Noxious Weed Management Pocket Guide** available @ [Lincoln.extension.colostate.edu/programs/agriculture-natural-resources/](https://lincoln.extension.colostate.edu/programs/agriculture-natural-resources/).
- ◆ **CSU Extension Grow & Give** is encouraging gardeners throughout the fall and winter (if you have a greenhouse) to continue to donate your extra producer to your local community food banks or assistance locations. To learn more about signing up and resources locally and statewide go to lincoln.extension.colostate.edu/programs/gardening-horticulture/.
- ◆ **Colorado Farm Show Scholarship** applications are due in the fall. Learn more @ coloradofarmshow.com/scholarships/.
- ◆ **Denver Foundation Grants and Scholarship** opportunities available @ denverfoundation.org/scholarships/scholarship-opportunities/.
- ◆ **Purina Giving Greatness Scholarship** application is due in November. Learn more @ purina-mills.com/campaigns-and-events/show-scholarship-application.
- ◆ **Transova Internship** applications are due November 1. Information and application @ transova.com/youth/.
- ◆ **Cheyenne Livestock Expo** is November 13-27 in Cheyenne, WY. Information and schedule available @ cheyennelivestockexpo.com/.
- ◆ **Colorado Conservation Tillage Association Scholarship** is due December 1. Learn more @ highplainsnotill.com/scholarships/.
- ◆ **National Corn Growers Association Scholarship** applications are due December 1. Information is available ncga.com/key-issues/other-topics/scholarship-programs.
- ◆ **National Sorghum Foundation-BASF Joint Scholarship** application is due December 1. Information and application @ sorghumgrowers.com/foundation-scholarships/.
- ◆ **National Pork Producers Council Lois Britt Memorial Scholarship** is due January 3, 2023. Information and application @ nppc.org/get-involved/producer-programs/scholarships/.
- ◆ **American Quarter Horse Association Scholarships** are due January 15. Additional information is available at aqhfoundation.smapply.io/prog/aqhf_scholarship_program/.
- ◆ **Colorado 4-H Youth Scholarships** application is open till March 1, 2023. Learn more and apply @ co4h.colostate.edu/about-us/scholarships/.

ACTIVITY PAGE:

Monthly Reader

"The Quilt Story"

By Tony Johnston
& Tomie DePaola

Erupting Lemon Volcano- (Little Bins Little Hands)

Supplies:

- 1 Lemon (more if conducting the activity more than once)
- Baking soda (few tablespoons worth)
- Food coloring
- Dish soap (few tablespoons worth)
- Popsicle stick or butter knife
- Lemon juice (bottle or juice from a second lemon)
- Baking pan (raised edges)
- Safety glasses and disposable gloves



Steps:

*Make sure to work with your parents/ guardians to ensure you have permission and practice food and tool safety.

- Wear safety glasses and gloves to avoid getting materials in eyes or transferring to other items once done.
- Cut the lemon in half and place (peel side down) 1/2 in the pan (to help catch the flow).
- Utilize the butter knife or popsicle to poke holes in different spots in the half of the lemon that is facing up.
- Add a few drops of food coloring to the top of the lemon.
- Spread some dish soap over the top of the lemon with the popsicle stick or butter knife (this helps to create bubbles).
- Sprinkle a spoon full of baking soda over the lemon and utilize the popsicle stick or knife to press the baking soda into the lemon .
- Wait a few minutes for the reaction to take place.



Try the experiment again to see how different amounts of baking soda or food coloring may change the outcome.

ANIMAL INFORMATION CORNER: CASEOUS LYMPHADENITIS (CL)

Caseous Lymphadenitis (CL) is commonly known to goats and sheep. It shows up as ulcerative lymphadenitis in horses and superficial abscesses in other livestock species and humans. It is a zoonotic disease, which means that it can be transferred to humans, but transmissions are rare in general. Transmission between livestock species is also rare, but can occur. It is a chronically infectious disease. Chronic means continual or on-going. It is currently world-wide in areas that have or currently have been affected by CL. Although data may not be accurate in all countries as it is not currently a reportable disease. Economic losses occur for producers may include: animals not being marketable because of the disease; condemnation at slaughter because of abscesses; death; decreased production due to animal discomfort; by-product devaluation; premature culling of breeding animals; cost of increased biosecurity measures, etc.. Once transferred into animals CL spreads through the blood stream.

Symptoms:

-Abscesses near major lymph areas or within internal organs. *External abscesses are more common in goats. Abscesses generally are firm to soft swelling and well-defined by rounded shapes. They have pasty thick yellow-green pus. A foul odor is often associated.

-Ulcerative lymphadenitis in horses.

-Superficial abscesses in other livestock species and humans besides sheep/goats.

-Chronic weight loss.

Possible Disease Transfer Methods:

-Direct contact with pus/secretion from open abscesses.

-Contact with infected soils.

-Contact by skin, ingestion, or inhalation from infected equipment/facilities.

Diagnosis/Treatment:

-Clinical signs detection and exam by a veterinarian.

-Serological tests are available, but not considered to be widely accurate.

-No current cure, however abscesses must be treated with antimicrobials and supportive care.

-Contact your veterinarian for a complete treatment plan including some limited (but not comprehensively effective vaccines mainly in sheep). Also isolate animals and utilize proper biosecurity to deal with draining abscesses.



Photos courtesy of Dr. Mary C. Smith,
DVM Associate Professor New York
State College of Veterinary Medicine

ANIMAL INFORMATION CORNER: (CL) (cont.)

Prevention:

- Be selective about where you purchase breeding and/or show animals from. Ask for herd health records.
- Implement visual inspection and body score monitoring of animals.
- Keep herd health records.
- Implement a herd health and biosecurity plan in conjunction with your veterinarian.
- Utilize proper injections and disinfection including separate syringes/needles for herd health and antibiotic treatment.
- Isolate any and all sick animals. Do not sell or transfer potentially sick animals to another herd, buyer, or location.

Resources:

Local Veterinarian

Merck Veterinary Manual- merkvvetmanual.com

State of Colorado Veterinarian's Office- ag.coloraodo.gov or 303-869-9130

USDA APHIS- aphis.usda.gov

EVENT ROUNDUP:

Ultrasound Beef Event Results:

Thank you to our Award Donors-Joe & Cindy Frasier, Brent Cattle Co., Reid Cattle Co., and John Thompson!

Thank you to our Event Sponsors-Eastern Colorado Veterinary Services and Lincoln County Livestock Sale Committee!

Placing	Exhibitor
1	Sage Thompson
2	Taylor Bain
3	Elsie Thompson
4	Tressie Golding
5	Jaylen Stone
6	Asha Thompson
7	Teal Schmidt
8	Matthew Cross
9	Bryleigh Fox
10	Sage Thompson

Special 4-H Award Winners:

Outstanding Volunteer: Nathan Davis

Partner in Success: Cheryl Thompson

Outstanding 4-H'er's: Kayla Bee & Tailyn Thompson

JUST TO GET YOU THINKIN...

"Education is not just about going to school and getting a degree. It's about widening your knowledge and absorbing the truth about life."

-Shakuntala Devi

"Don't forget-beautiful sunsets need cloudy skies." -Paulo Coelho

4-H CLUB INFORMATION:

Rocking 4-H Club
 Club Information: Meets in
 Limon
 Club Leader: Carla Stone



Karval 4-H Club
 Club Information: Meets in Karval
 Club Leader: Janet Kravig

Walk's Camp 4-H Club
 Club Information: Meets North
 of Limon
 Club Leader: Cheryl Thompson

Kountry Kids 4-H Club
 Club Information: Meets in Hu-
 go
 Club Leader: Barb Vaughn

Heartland 4-H Club
 Club Information:
 Meets in Arriba
 Club Leader: Renae
 Saffer

November 2022

Events & Information available @ Lincoln.extension.colostate.edu/events/

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Livestock sale Committee Beef & Heifer Scholarship Applications Due	2	3	4	5
6	7	8 -Election Day -Fairboard Meeting 7:00pm @ Fair- grounds	9	10	11 Office Closed- Holiday	12
13	14	15	16	17	18	19
20	21	22	23	24 Holiday - Office Closed	25 Holi- day- Of- fice Closed	26
27	28	29	30			

HEAD-> Elections & You

This November 8, Election Day rolls around for your county, state, and congressional delegates. U.S. citizens that are 18 years or older are eligible to register for voting. Voting is an important part for all to help determine our laws, rights, and who will help decide critical issues at the local, state, and national levels. Even if you can't vote yet, you have an opportunity to learn about important issues and how potential outcomes can affect you. Learn more about voting and elections @

- ♦ usa.gov/voting
- ♦ rmpbs.pbslearningmedia.org/



HANDS-> Repeat Photography NDVI

Technology offers so many wonderful opportunities to capture information and provide learning opportunities. One such ability is repeat photography NDVI. These specialized NDVI cameras contain sensors that capture non-visible light. The different light frames are stored in separate images and then can be combined in several ways. This technology allows researchers and others to observe vegetative growth changes and the health of plants. Agricultural drones utilize this technology on the cameras to help observe plants with less manual efforts. The capture of this continual data helps researchers, producers, and agronomists with crop production, improving overall production for the future, and identifying problems earlier.

HEART-> Veterans Day

November 11 is Veteran's Day. A day we celebrate those that have served in the military in the United States. It's a great chance to stop in and visit a local veteran (whether a family member, friend, or local neighbor). Take time to learn more about their service and its impact on their life and to learn more about the history of the United States in general. Spending time with those who have served is a great way to give back and add value to someone else's life.

HEALTH-> 10 Minute Fall Walk

Fall provides many nice days to get out and enjoy your local scenery. The change of colors and drops in leaves provides a nice change and great opportunity to get out and view your surroundings. A quick ten minute walk outside each day offers many health and wellness benefits. Exercise is great not only physically but helps to provide a mental break as well. The quick change in views can help re-frame the mind and increase our focus and attention. Schedule some time each day to get out and enjoy nature and encourage your friends to join you!