

Golden Prairie District

K-STATE RESEARCH AND EXTENSION NEWS

goldenprairie.ksu.edu
January, 2024

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4-H State, Regional, & District Events

UPCOMING EVENTS

January 15: NW 4-H Judges Training Day, Hays

January 19: NW 4-H Record Book Screening

January 23-25: Program Rally, RSR (All 4-H Programmers gone)

January 26-28: 4-H Dog Judges Training and Certification

January 27: Horse Panorama

February 18-19: Citizenship in Action, Topeka

March 23: 4-H Super Saturday, Hays



HEAD



HEART



HANDS



HEALTH

CLUB LEADER CORNER

Be sure to check out the Kansas 4-H Club Corner for all their resources to help your clubs achieve their goals!

[HERE](#)



Club Days will be coming up soon. Help your members prepare by explaining events and going over topic suggestions as a group. Help youth practice by holding Project Talks and Demonstrations at your next club meeting.



4- H State, Regional, & District Events



Youth for the Quality Care of Animals (YQCA) is a **required** certification for all Golden Prairie Extension District 4-H members who plan to exhibit livestock at the county fairs during the summer season. Online modules are a great option for those who cannot attend in person.

Certification must be complete by May, 1.

\$12/online \$3/in-person

In-Person Dates:

February 12- Quinter Club Mtg. 7 pm

MORE COMING SOON

Z SUITES RECORD KEEPING

Record keeping and Project Reporting are available skills taught to members of the Kansas 4-H Program. Members are encouraged to keep a permanent record of all 4-H and Non 4-H Experiences and are encouraged to summarize their experiences on the Kansas 4-H Project Record form for project recognition. Z Suites is available to our Kansas 4-H Program. This online record-keeping is quick and easy to use on your mobile device or computer at home. Keep track of all your events and awards as they happen!

To help you through this process, please refer to the [Z Book Reference Page](#)



4-H State, Regional, & District Events

CEDAR BLUFF OVERNIGHT CAMP

Join us for a fun 24-hour camping event at Cedar Bluff State Park. Experience staying with friends in tents, fishing, hiking, swimming, and much more!

When: June 2024

Registration Information coming soon!

4-H CAMP AT ROCK SPRINGS RANCH

Registration is OPEN for the 2024 4-H Camp at Rock Springs Ranch. This camp is now OPEN ENROLLMENT until spots are filled. (open to any youth from all states, 4-H members and Non-Members)

Register Here: <https://www.rockspringsranch4hcamp.org/>

Please direct all camp questions to Rock Springs Ranch at (785) 257-3221

LIT & CIT CAMP AT ROCK SPRINGS RANCH

Leaders in Training (LIT) is for ages 15-16 or Rising Juniors

Counselors in Training (CIT) is for ages 16-17 or Rising Seniors

For more information on these teen opportunities please refer to the link below!

Register Here: <https://www.rockspringsranch4hcamp.org/>

Please direct all camp questions to Rock Springs Ranch at (785) 257-3221





4-H State, Regional, & District Events

CITIZENSHIP IN ACTION (CIA)

Would you like to have more influence in laws and rules that affect your life? Then you'll want to go to Kansas 4-H Citizenship in Action! This two-day event is sponsored by the State 4-H Youth Leadership Council. The purpose of the event is for Kansas youth to learn how the state legislative process works and how their voice and participation in decision-making can make a difference in their local communities. The legislative visit will not only familiarize youth with the capitol building but will also show them how they can affect the legislative process.

When: February 18-19, 2024

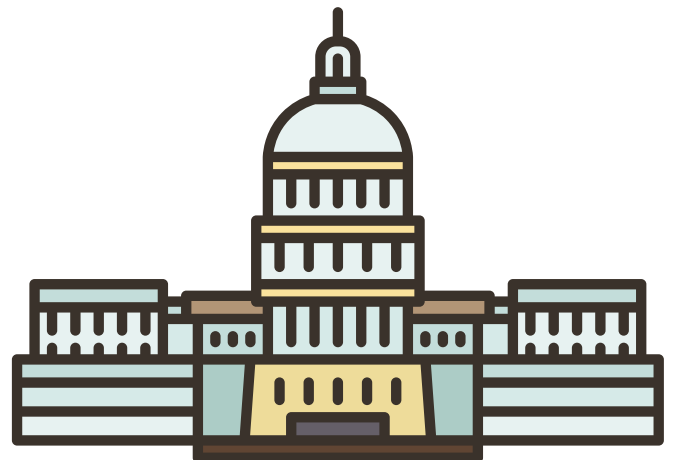
Where: Topeka KS

Who: Youth 13-18 years old as of January 1, 2024

Register [HERE](#) by January 26, 2024



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Gove County 4-H News & Events

Gove County Fair

July 15-18, 2024

We hope to see you all there!



Council Dates

January 29th, 2024

7 pm @ Grainfield

Club Days

Club Days is coming up this Spring. Start getting your talks, presentations, and music ready for competition. Dates will come out through email soon!!!!



KRISTY PACKARD

4-H PROGRAM MANAGER

GOVE CO.

KRISTY2@KSU.EDU

Attendance Policy

In order for a 4-H member to be allowed to participate in any sales/auctions at the Gove County Fair, said 4-H member will be required to attend 5 meetings with the club they are enrolled in, as well as 1 pre-fair cleanup, and the post-fair cleanup. If these requirements cannot be met, a letter (handwritten or emailed) detailing the reasons for an exception must be submitted to the Fairboard no later than 7 days prior to the start of the fair. Any exceptions will be at the discretion of the Fairboard. Extraordinary circumstances occurring after the deadline will be handled on a case-by-case basis by the Fairboard. *Approved August 1, 2016

✿ 4-H GROWS HERE



Trego County 4-H News & Events

Don't Forget

To sell your
4-H Discount Cards!!

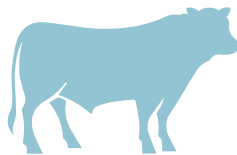
OFFICER TRAINING

Sunday January 7th
@ 12:00 p.m.

Western Cooperative
Electric

* Lunch will
be Provided!

LARGE ANIMAL CHECK-IN



Sunday February 25th | 1-3 p.m.

Monday February 26th | 4-6 p.m.

AT THE SALE BARN

Save the Date

Trego County Fair 2024

July 8-13



Ashley Connors

4-H Program Manager

785-743-6361

acoker@ksu.edu





Logan County 4-H News & Events

DATES TO REMEMBER

- Next Council meeting January 7th @ 5pm Courthouse Basement
- 4-H Officer Training January 28th @ 6:30pm Courthouse Basement

Please check emails to receive all information as they become available. We appreciate the flexibility of our members.

Project name changes

There have been name changes for many 4-H projects on the state level that may affect local enrolment as well. Notably Buymanship is now listed as “Shopping In Style” please review your project descriptions. This link may be helpful in doing so.

<https://bookstore.ksre.ksu.edu/pubs/4H1065.pdf>

SUNDAYS IN THE 4-H BUILDING

Dog Practice: 1pm

Shooting Sports Practice: 2pm



ks.4honline.com

Kansas 4-H enrollment and re-enrollment opened October 1st (Free enrollment in GPED)

Returning 4-H Families do not create new accounts. Log into your existing account and update your information.

CONTACT INFORMATION:

LOGAN COUNTY OFFICE: 785-671-3245

JAKE— faulkend@ksu.edu

KAYDEE— kaydeeh@ksu.edu

GOVE COUNTY OFFICE: 785-673-4805

KELSI— kjwertz@ksu.edu



FOLLOW US ON SOCIAL MEDIA!



Logan County 4-H Text Updates

4-H Families: Logan County 4-H is now offering text message updates!

Sign up for text updates here: <https://bit.ly/2020LG4Htexts>

4-H OFFICER TRAINING

JANUARY 28TH

2024 LOGAN COUNTY FAIR

(JULY 21ST - 27TH)

EXPLORING 4-H

BY: JAKE FAULKENDER

Are you or your child just now getting into 4-H? Or maybe you've been in 4-H for years but are hoping to find a new project to pique your interest? There's no shortage of projects and activities to get involved in in 4-H!

The good news is that although all the options and possibilities may seem intimidating, there's some part of 4-H meant just for you! You will have opportunities to try new things and build skills for the future, and you'll also get that much-needed socializing that may have been lacking during the Coronavirus lockdowns. If you're newer to 4-H, your first step might be finding an older member to

show you the ropes and help you understand what 4-H is all about.

- Did you know there is 4-H in every state and over 80 Countries?

If you've been in 4-H for some time and are curious about other activities and projects, maybe it's time to ask one of your 4-H friends to tell you about their interests in 4-H!

Fair may seem a little overwhelming right now, but that's okay! There are plenty of 4-H activities outside of the County Fair, like camping and community involvement.

Whether you want to explore the stars or learn the

fundamentals of woodworking, there is something 4-H has to offer you. If you have any questions about 4-H enrollment or the opportunities 4-H offers, you can email me at faulkend@ksu.edu or call the office **(785-671-3245)** on a weekday between the hours of 8 am and 4:30 pm for more information!

Recourses: *Exploring The Treasures of 4-H "National 4-H Cooperative Curriculum System"*

JAKE A. FAULKENDER
EXTENSION AGENT
4-H YOUTH DEVELOPMENT
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Jake Faulkender



District Director/Livestock & Ag Agent

Kelsi Luman

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Preparing for Winter Weather Extremes

Written by: Sandy Johnson - Livestock Production Specialist

It is hard to prepare for extreme winter weather when December in Kansas may be one of the warmest on record. However, variability lately seems to be a characteristic of our weather, and a drop in temperature with or without above-normal precipitation could create some very stressful conditions for livestock. Animals adapt to colder weather as we go through the fall into winter, but if there is an abrupt change, without acclimation, the stress is compounded. Planning ahead can lessen some of the challenges.

Many of us are all too aware of the impact wind has on what it takes to keep warm in the winter. Wind speed, along with temperature, humidity, and solar radiation, have been combined into an animal comfort index that can be used to classify the level of weather-related stress for cattle. The K-State Mesonet now provides both current conditions and a 7-day forecast of the [Animal Comfort Index](#) that producers can use for planning.

During extreme cold, cattle need more energy just to maintain body heat. Windbreaks are a key tool in helping livestock cope with cold stress and reduce the amount of energy and, in effect, cost to maintain weight. Some of the best windbreaks are multiple rows of established trees, but they take years to develop and serve a fixed location. If building a portable windbreak or a windbreak fence, the most effective for wind protection is 75 to 80% solid to reduce wind speed but prevent snow drifting. An opening of 4 to 6" at the base will promote drying and drainage. The science and concepts of windbreaks are well established and are covered in greater detail in the links at the end of this article.

Bedding is another tool to help livestock manage cold stress. Bedding provides insulation from mud and frozen ground and helps keep cattle clean. Shelter and bedded areas only calves can access will help young calves better cope with the winter weather. Bulls can be overlooked during the winter months however frostbite of the scrotum can cause anywhere from short-term to permanent damage to sperm production. Windbreaks and bedding are great tools to protect your investment in bulls and their genetics.

Drought has impacted forage availability in parts of the state and may make it harder to find sources of bedding. If needed, unrolling large round bales of good quality feed can do double duty as feed and bedding for a short-term solution. Feedlot calves that received bedding (4 lbs per head per day) during a particularly cold January gained 3.33 lbs per day compared to 2.25 lbs/day for un-bedded calves. For young or already stressed calves, bedding may minimize negative health impacts from the combined stressors.

When cold stress occurs, feeding cattle late in the day can help them cope with night-time temperature declines as the heat of fermentation in the rumen will peak about 6 hours after consumption. The companion article, Cold Stress in Cattle, describes when and how to adapt diets for cold stress.

Cattle may move from grazing various crop residue fields to other sites during the winter months. It may be appropriate to stage some emergency feed supplies near these locations in case deep snow prevents access to these areas.

Planning in advance for extreme weather will minimize stress on livestock and people. Plan for the worst, but hope for the best.

Additional External Links

[Animal Comfort Index current and forecast conditions](#)

[Planning and Planting a five-row windbreak](#)

[Windbreak fences](#)

[Portable Windbreak Fences](#)

[More on the unseasonably mild weather for December in Kansas](#)



Check out Golden Prairie's Extension Page on Facebook!

<https://www.facebook.com/GoldenPrairieDistrict>

Cover Your Acres

**COMMERCIAL
APPLICATOR
AND
CCA CREDITS
AVAILABLE!**

January 16th & 17th, 2024

7:45 AM - 5:00 PM

**Hosted at The Gateway,
Oberlin, KS.**

**View the full Schedule and RSVP today by visiting:
www.northwest.ksu.edu/CoverYourAcres**

RSVP By January 10th

for only \$60 for Tuesday or \$55 for Wednesday!

Attend Both days for \$80

Walk-In Registration is \$80 per day.

Over 10 locally relevant, research-backed sessions!

- **Herbicide Resistance Update for the High Plains**
- **Dryland Rotation Agronomics and Economics**
- **Advancements in Sprayer and Planter Technology**
- **Wheat Industry Innovation - New Potential Markets for Kansas Wheat**
- **Phosphorus - Understanding the how, why, and when in crops and soils**
- **And So many more!**

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Join the K-State Horticulture Team for “Garden Hour” in 2024

BY: RYAN ENGEL

Are you or someone you know looking for access to more gardening information? Do you struggle to find resources that are relevant for gardening in Kansas? If so, you’re in luck! Kansas State Research and Extension will be continuing the Garden Hour webinar series through 2024! This webinar series offers free access to monthly presentations covering various horticulture topics such as plant selection for Kansas landscapes, drought-tolerant plant alternatives, saving seeds, proper irrigation practices, and many more. Horticulture staff across the state work together to host and present up-to-date information relevant to gardening in our local Kansas climate. While attending the presentations live online, participants have the opportunity to ask the experts questions. If you have participated in Garden Hour in the past, or if this is your first time hearing of this webinar series, consider registering for the 2024 Garden Hour Program!

K-State Garden Hour began in 2020 as an avenue to continue providing programming to Kansans throughout the pandemic. The virtual setting allowed participants from all over the world to attend the presentations. These lectures were also recorded, so if an individual missed one, they could go back and watch it whenever it worked best for their schedule. The KSU Horticulture crew is excited to continue their work and bring the public new presentations in 2024. The year will kick off with topics covering “Floral Design,” “Gardening in a Changing Climate,” and “Selecting & Planting Fruit Trees for Kansas.”

Tune in on the first Wednesday of each month as we discuss new and relevant gardening topics. The presentations will take place live from 12:00 pm to 1:00 pm CST with a 45-minute presentation and 10-15 minutes for questions and answers. Sessions will be recorded and posted to the Garden Hour Website after each event. Register below for access to participate live in any featured presentations within the 2024 K-State Garden Hour series!

K-State Garden Hour Website

<https://hnr.k-state.edu/extension/consumer-horticulture/garden-hour/>

Recorded Webinars

<https://hnr.k-state.edu/extension/consumer-horticulture/garden-hour/recorded-webinars.html>

Register Here!



Please register for this free Zoom Webinar at:
ksre-learn.com/KStateGardenHour



Ryan Engel

rpengel@ksu.edu

Horticulture Extension Agent



Taylor Ziegelmeier taylorlz@ksu.edu
Family & Consumer Science Agent

RADON AWARENESS

What is Radon?

Radon is a naturally occurring colorless, odorless, and tasteless radioactive gas created by the decay of uranium in the earth's crust and present everywhere on the planet. Long-term exposure to elevated levels of ionizing radiation produced by radon increases your lifetime risk for lung cancer. Testing is the only way to know radon levels in your home.

Why is it a problem?

41% of homes tested in Kansas are above the recommended level considered safe. Radon is the number 1 cause of lung cancer death for non-smokers. The primary concern associated with long-term exposure to elevated indoor radon levels is increased risk of developing lung cancer at some point in your life. Radon exposure in your home is the second overall cause of lung cancer death behind tobacco smoking in the United States, and the leading cause of lung cancer death for non-smokers. The Kansas Department of Health and Environment (KDHE) estimates that as many as 200 new cases of radon-related lung cancer occur each year in Kansas.

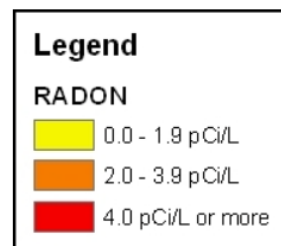
Surgeon General of the United States Health Advisory: "Indoor radon gas is a national health problem. Radon causes thousands of deaths each year. Millions of homes have elevated radon levels. Most homes should be tested for radon. When elevated radon levels are confirmed, the problem should be corrected."

How do I test?

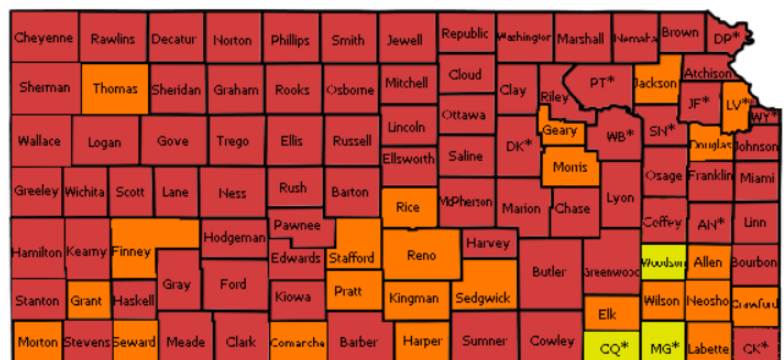
You can pick up a Radon Test Kit at any of our offices for \$6.50. The instructions are in the packet and testing is easy!

Where can I learn more?

More information can be found at <https://www.kansasradonprogram.org/>. There is also a public education luncheon being held in Oakley on January 25th in the basement of the courthouse from 12:00– 1:00 PM.



Average Radon Level = 4.6 pCi/L
Maximum Reported Radon Level = 1,121.6 pCi/L
Total Number of Measurements = 161,690
Total Measurements 4 pCi/L or greater = 62,555
Total Measurements 20 pCi/L or greater = 3,296
Total Estimated Mitigation (2005-2018) = 33,066



Stay connected with all our
program and event updates

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Instagram

@goveks4H

@logancountyks4H

@GPEDcrops



X (formerly known as Twitter)

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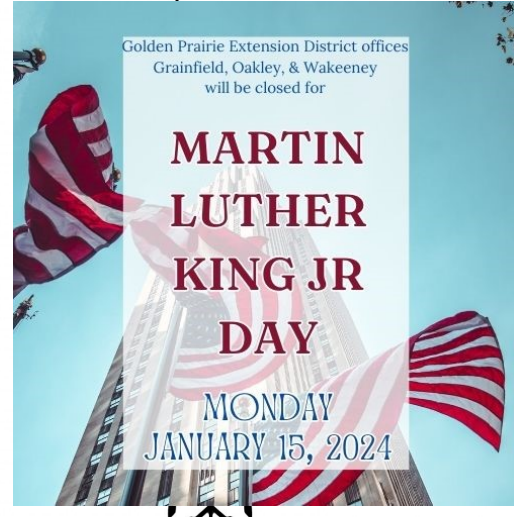
Golden Prairie Extension District
710 W 2nd St
Oakley, KS 67748

Change Service Requested



WARMEST THOUGHTS AND BEST WISHES FOR A HAPPY
NEW YEAR. MAY PEACE, LOVE, AND PROSPERITY FOLLOW
YOU ALWAYS!

K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Accommodations for persons with disabilities may be requested by contacting the Golden Prairie District offices two weeks prior to the start of the event. Requests received after this date will be honored when it is feasible to do so."



Golden Prairie Extension District offices
Grainfield, Oakley, & Wakeeney
will be closed for

**MARTIN
LUTHER
KING JR
DAY**

MONDAY
JANUARY 15, 2024

January, 2024

Ryan Engel, Horticulture Agent	rpengel@ksu.edu	WaKeeney Office Hours Monday-Friday 8am-12pm, 12:30pm-4:30pm
Ashley Conness, 4-H Program Manager	acoker@ksu.edu	
Lucy Conness, Office Professional	lucy80@ksu.edu	
Taylor Ziegelmeier, FACS Agent	taylorlz@ksu.edu	Oakley Office Hours Monday-Friday 8am-12pm, 12:30pm-4:30pm
Jake Faulkender, 4-H Agent	faulkend@ksu.edu	
Kaydee Helus Office Professional	kaydeeh@ksu.edu	
Kelsi Luman, Director/Livestock Agent	kjwertz@ksu.edu	Grainfield Office Hours Monday-Friday 8am-12pm, 12:30pm-4:30pm
Kristy Packard, 4-H Program Manager	kristy2@ksu.edu	
Jennifer Ackerman, Office Professional	jmackerm@ksu.edu	

K-State Research and Extension is committed to making its services, activities and programs accessible to all participants. If you have special requirements due to a physical, vision or hearing disability, or a dietary restriction please contact the Grainfield office at 785-673-4805, Oakley office at 785-671-3245, or the WaKeeney office at 785-743-6361.