

Golden Prairie District

K-STATE RESEARCH AND EXTENSION NEWS

goldenprairie.ksu.edu

January, 2021

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Taylor Ziegelmeier



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Clint Bain



Kansas State University Agricultural Experiment Station and Cooperative Extension Service



4-H State, Regional & District Events

Citizenship In Action

What: 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 14-15, 2021

Where: Virtual

Who: Youth 13-18 years old by January 1 of the current year

Registration: Click [Here](#) to Register

Registration Deadline: February 1, 2021

Senate Bills

CIA Senate Bill – Mental Illness in America

CIA Senate Bill - How Do We Prevent Mass Shootings in our Communities?

CIA Senate Bill – Land Use Conflict

House Bills

CIA House Bill – Mental Illness in America

CIA House Bill - How Do We Prevent Mass Shootings in our Communities?

CIA House Bill – Land Use Conflict

KSU Junior Producer Days

The 2021 KSU Junior Producer Days will be hosted virtually as week-long educational events this year. Kansas Junior Swine Producer Week will be February 15-20, 2021, with Kansas Junior Meat Goat Producer Week being March 15-20. There will be a few presentations throughout the week, with each of the programs wrapping up on Saturday morning. A tentative agenda is included on the flyers, which are attached. All of the sessions will be recorded and shared with those who register, so families may participate at their own pace and as their schedule allows.

The junior day events will be free this year, thanks to our gracious sponsors, but all participants will still need to register. This includes both youth and adults. Families also need to use an email address someone from the household checks on a regular basis, as that is the method of communication we will use to share links and specific details with attendees. Participants will need to register by February 8 and March 8, respectively, to receive the appropriate information.

Registration Links:

Swine: <https://bit.ly/KSUJrSwineWeek>

Meat Goat: <https://bit.ly/KSUJrMeatGoatWeek>

4-H State, Regional & District Events

4-H Enrollment Fees Due

4-H Families: If you chose to pay the \$15 4-H enrollment fee by check, please mail your payment to the Kansas State 4-H Office as soon as possible. *Your enrollment is not marked complete until the State Office receives your payment.*

Kansas State 4-H Office

201 Umberger Hall
1612 Claflin Road
Kansas State University
Manhattan, KS 66506

National Youth Summit Series



The 4-H National Youth Summit Series brings together high school students for three days of hands-on activities and workshops, led by leaders and educators in these fields. For 2020 and 2021, these events will be held virtually.

- Register and attend in small groups or as an individual
- Work alongside students and experts with shared interests
- Learn and strengthen technical and leadership skills
- Earn accreditation to feature on college or job applications

2021 Healthy Living Summit

Online, February 11 - 14, 2021 - Registration Opens Soon

At the National Youth Summit on Healthy Living, high school students develop the knowledge and skills to address issues surrounding nutrition, physical fitness, wellness, and emotional well-being. Working alongside professionals in family consumer science and healthy living, students will create action plans they can implement in their communities to teach other youth about what they have learned.



2021 Agri-Science Summit

Online, March 4-7, 2021 - Registration Opens Soon

At the National 4-H Youth Summit on Agri-Science, high school students develop the skills and knowledge needed for the challenges facing agriculture, food security, and sustainability. Students will work with each other and experts in the agricultural community in this collaborative, hands-on educational setting.



For more information visit [National Youth Council Summit Series](#)



Gove County 4-H News & Events

Gove County 4-H COUNCIL

**January 4th, 2021
7 p.m.**

Zoom Meeting Call

*Meeting links will be sent out via email

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Golden Prairie
District

DON'T FORGET

**Enroll in 4-H
Today!**

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Golden Prairie
District

Officer Training

Emails have been sent to all Gove County Officers and Representatives.

**Please have this training
finished by: December
31st!**

SAVE *the* DATE

**GOVE COUNTY FAIR
07.19.2021 - 07.22.2021**

Social Media Tags:

#TrueLeaders

#Opportunity4All

#4HGrown

#KS4H

#FOURWARD



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

2020 GOVE COUNTY ACHIEVEMENT NIGHT

CLUB LEADERS

Smoky River Club

Megan Tuttle & Dusty Zerr

Quinter 4-H Club

Frina Kaiser & Kristal Werth

Horse Project Leader

Tanya Allemang

HERDSMANSHIP

Beef- Dalton Kaiser

Sheep- Ethan Gruenbacher

Swine- Trace Kinderknecht

Horse- Eidree Chapin

Goat- Luke Zerr

Overall Herdsman

Kayler Getz

KANSAS AWARD PORTFOLIO

Rody Heddlesten- Robotics, Rocketry,
Geology, & Self Determined, Visual Arts
(Blue Award)

Madelynn Werth- Visual Arts, Return
Bucket Calf

Brinley Werth- Bucket Calf, Visual Arts
(Blue Award)

Top Award Winners

Rody Heddlesten

Madelynn Werth

CLOVERBUDS

Benjamin Anstaett

Austin Blackwood

Brock Goetz

Emery Heddlesten

Carson Mann

Tyson Packard

Cole Selensky

Jordan Werth

Eli Zimmerman

CLUB SEALS

Quinter 4-H Club

Purple

Smoky River 4-H Club

Purple

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Golden Prairie
District

ACHIEVEMENT PINS

Membership

Emma Thompson Olivia Thompson
Caleb Thompson Ellie Palmquist
Nevaeh Nelson Cooper Tuttle
Brinley Werth

Bronze

Mitchel Thomas Ian Blackwood
Rody Heddlesten Madelynn Werth

Clover

Emma Thomas Jarrett Packard
Abigail Thomas Ella Prosser

Emerald

Riley Tuttle Branton Goetz

Silver

Luke Zerr Broady Goetz
Lauren Blackwood

Silver Guard

Laredo Allemang Madison Zerr

CONGRATULATIONS

CONGRATULATIONS



Eidree Chapin, Smoky River 4-H Club, finished her 11th year as a Gove County 4-H member in an incredible fashion. Eidree has participated in the Clothing Construction and Fashion Revue projects for a majority of her tenure. Her range of constructed items is astonishing: pillows, aprons, pajamas/robes, dresses, complete outfits. One of Eidree's favorite outfits she has created was last year's black romper from which she received Honorable Mention at the 2019 Kansas State Fair (KSF). This year she constructed a mustard yellow sleeveless top and paired it with her pinstriped palazzo pants tailor made to her specifications. She received a Grand Champion and Reserve Grand Champion on her pieces, qualifying her for the Kansas State Fair. As 2020 developed, more things were cancelled or directed to an alternative format. KSF was not immune to these changes. What started out as a cancelled event transformed into a virtual viewing. Eidree has participated in the KSF Public Fashion Revue in the past and decided to finish her 4-H career off by joining in one last time, even if it was virtual. Contestants were asked to fill out all the usual forms with some added questions about the outfits; styling choices, shoes, accessories, etc. Two photos of the entire outfit was also required for submission. After hundreds of contestants were judged, Eidree Chapin was awarded **Grand Champion of the Female Clothing Construction Fashion Revue**. Judges were calling her outfit "Fun!" and letting her know she did an "Outstanding Job!". The judges were impressed with her color combo choices and the in-style patterns she decided on, all the way to the fine detail of a "paper-bag" waistline. Eidree also received a shout-out on the Kansas 4-H Facebook page. Gove County 4-H and Smoky River Club are extremely proud to have her as an alumni. Eidree has been a great role model to the younger kids and a fashion icon to a few of the girls. Congratulations Eidree on this amazing accomplishment.





Trego County 4-H News & Events

Don't Forget

To sell your
4-H Discount Cards!!

Monday Due to Extension
Office on January 8th!

****Be on the lookout
for more information
about YQCA Training
& Livestock
Check-Ins****



Office Closings:

December 24th - January 4th

*Club Day
Information
Coming
Soon!!*

**Save the
Date**

**Trego County Fair
July 13 - 17, 2021**



Now That's Neat!

New Year's Resolutions are tough– but boy do I have a NEAT idea for you! NEAT stands for Non-Exercise Activity Thermogenesis. Simply put, it is energy burned during daily living. Exercise is when one spends time to develop or maintain their physical fitness, NEAT is all other movements a person may do during daily life. It is the calories used when walking to lunch, going up the stairs, doing the dishes, and even fidgeting. It includes movements

large and small made throughout the day. Using NEAT is not another quick fix or diet plan, it is all about moving a little more. It takes no money or supplies, and you can start and restart whenever you want! All it takes is being intentional about being more active in daily life, thus using more energy based on the body's design. It is a small way to initiate a positive healthy change without having to sacrifice your favorite foods or television. You don't even have to break a sweat!

Every person's body is different and uses energy at unique rates. On average about 60% of our energy is used by the body to conduct processes for life. This includes breathing, your heart beating, and digestion. The rest of our calories are used for movement and exercise!

Benefits of increasing NEAT:

- 1. Assists in maintaining / managing weight*
- 2. Improves mood/ confidence*
- 3. Increases calorie burning*
- 4. Improves mental clarity*
- 5. Increases muscular activity*

Ways to do this:

- 1. Do a few exercises or stretches while watching television.*
- 2. Stand or walk around while talking on the phone.*
- 3. If possible, go to the bathroom on another floor or across the house.*
- 4. Go on a walk after meals or schedule times to get up and stretch or walk.*
- 5. Read the newspaper standing up.*

If we just make some small changes, we can really improve our health. This is a great goal because it takes very little planning or effort and you can start over at any time!

Source: <https://bookstore.ksre.ksu.edu/pubs/MF3376.pdf>



Check out Taylor's Family and Consumer Sciences Page on Facebook!

<https://www.facebook.com/FCS.TaylorZiegelmeier>



LAND STEWARDSHIP

Clint Bain
Crops/Livestock

Sulfur deficiency in wheat

In recent years, sulfur (S) deficiency in wheat has become common in many areas of Kansas, particularly in no-till wheat. The likely reasons for this is a reduction in sulfur additions to the crop from atmospheric deposition (there is less S in the air now) and cooler soil temperatures as a result of no-till which slows S mineralization in the soil. Some crops in the rotation can also take up significant amounts of S resulting in an S deficit for the following wheat crop.

Identification of S deficiency

Generally, S-deficient wheat is yellow and stunted and is observed in patches in the field, especially in areas where there has been previous soil erosion or soil movement. The patchy S-deficient areas of the field are often found on hilltops or sideslopes where erosion has occurred and soil organic matter is reduced, or where leaching is more pronounced. Wheat in areas where topsoil was removed or significant cuts were made (i.e. terraced or leveled fields) also commonly shows symptoms.

Sulfur deficiency in growing crops is often mistaken for nitrogen (N) deficiency. However, unlike N deficiency where older leaves show firing and yellowing, with S deficiency, the pale yellow symptoms often appear first

on the younger or uppermost leaves. Wheat plants with S deficiency eventually become uniformly chlorotic (yellow leaf tissue).

Sulfur deficiencies in wheat have been showing up early in the spring, shortly after green-up, before organic S is mineralized from soil organic matter, and before wheat roots can grow into the subsoil to utilize any available S (sulfate) accumulations. Deficiencies of S are often difficult to identify because the chlorosis is not always obvious. Crops lacking S also may be stunted, thin-stemmed, and spindly. In the case of wheat and other cereal grains, maturity is delayed. Winter annual weed competition is also enhanced due to the slower growth and lack of good tillering.

Forms of sulfur in soil

The majority of S in soils is present in organic forms in surface soils and as sulfate (SO_4^{2-}), an inorganic form. Sulfate is relatively soluble, so it tends to leach down into the subsoil. In many of our Kansas soils, it will accumulate in the B horizon (subsoil) in two forms. Clay surfaces and coatings will retain some sulfate, and sulfate will also be present in the subsoil of many Kansas soils as gypsum (calcium sulfate).

Testing soil for sulfur

There is a soil test for available sulfate-S in the soil profile. For proper interpretation of this test, soil organic matter, soil texture, the crop to be grown, and the expected yield level all need to be considered. Accurate estimates of S needs cannot be made from a surface sample alone. Since sulfate is mobile, sampling to a 24-inch depth is important. However, due to the relatively high demand for S during the rapid vegetative growth phase of wheat, and relatively shal-

low rooting by the wheat crop at this time, the S measured in the deeper, subsoil levels by the test may not be available to wheat in the early spring, especially where soils are cold.

Choosing a fertilizer material

There are many S-containing fertilizer materials. Several dry materials are available that can be blended with dry phosphorus or nitrogen fertilizers for winter/spring topdressing. However, some of these products are best used in pre-plant applications.

Dry fertilizers

Elemental S (typically 90-95 percent S), Ammonium sulfate, AMS (21-0-0-24S), Gypsum (analysis varies) is calcium sulfate and is commonly available in a hydrated form containing 18.6 percent S, & New N-P-S products such as Microessentials, 40-rock, and others that are typically ammonium phosphate materials formulated with S.

Liquid fertilizers

Ammonium thiosulfate, ATS, (12-0-0-26S) is the most popular S-containing product, Potassium thiosulfate, KTS, (0-0-25-17S), Topdressing with thiosulfate and UAN can be done early, before Feekes 5 growth stage (green up), and at temperatures below 70 degrees F. Be aware that some leaf burn may be expected with some of these liquid fertilizers. These products would be good sources for pre-plant application as well.

Supplemental resources

Sulfur in Kansas (MF 2264), <http://www.ksre.ksu.edu/bookstore/pubs/MF2264.pdf>




For estimations of required application rates of S - Soil Test Interpretation and Fertilizer Recommendations, (MF2586) <http://www.ksre.ksu.edu/bookstore/pubs/mf2586.pdf>

Simply Produce

WaKeeney



Get Your Simply Produce Basket!

-  Order a Produce Basket for only 15 dollars (plus tax) at Malay's Market (401 Russell Ave).
-  Pick up your Basket at the VFW on the third Tuesday of the month at the VFW (400 Railroad Ave) from Noon-1:00pm.
-  For more information, contact Taylor Ziegelmeier at Golden Prairie Extension District, 785-671-3245 or by email at taylorlz@ksu.edu.

WaKeeney Ordering/Distribution Dates:

- | | |
|---|--|
| <input type="checkbox"/> Place Orders: 1/6 - 1/15 | <input type="checkbox"/> Pick up Basket: January 19 |
| <input type="checkbox"/> Place Orders: 2/3 - 2/12 | <input type="checkbox"/> Pick up Basket: February 16 |
| <input type="checkbox"/> Place Orders: 3/3 - 3/12 | <input type="checkbox"/> Pick up Basket: March 16 |

Simply Produce

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Produce basket distribution utilizing local retail venues is designed to increase access to healthy fruits and vegetables for consumers, while stimulating positive economic impact and building regional food system sustainability. Material funded by USDA SNAP and Kansas SNAP-Ed through K-State Research and Extension and Kansas Department of Children and Families (DCF). USDA is an equal opportunity provider.

Follow us!!!



Golden Prairie
District 4H

Land Stewardship



@goveks4H
@logancountyks4h
@gpedcrops

Invite your family and friends
to come check us out!



@GoldenPrairieDistrict4H
@TregoCountyKS4H
@logancountyks4h
@GoveCountyKS4H
@FCS.TaylorZiegelmeier
@GPEDcrops



@GPEDcrops

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Oakley, KS 67748

Change Service Requested



January, 2021

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