



# NEWSLETTER



## From the Director's Desk

July has arrived and that means we are now officially closer to 2025! The year is half over and the colder months are behind. Mother nature has whipped up quite the meal with heat, rain and storms. The weather has delayed some harvest and summer hay work, yet continued to nourish our parched lands with additional rainfall. I'm thankful for the continued rain as gardens are producing abundantly, wheat harvest has been exceptional for some, lawns are lush and green and the fall crops are looking better than they have in a few years. Let's hope I didn't just jinx anything!

As we move in to the "dog days of summer", let's embrace and cherish the days. In just over a month, the youth will be back in school and that means a little less time for making memories. Spend time with the family: working along side them in the field, visiting the Butler County Fair, checking out all the fun adventures on the Sunflower Summer App, go visit a local zoo, take a day trip, visit a library, go to a pool, have a cookout with family and friends or go visit a lake. The list goes on of activities available. Make time to spend time with your family and friends. I promise, it's good for the heart and soul! Capture the time before the time passes us by.






The Butler County Fair is hot on our wheels. The first event is Saturday, July 6th at Hope Community Church. The Horse Show is July 13th at the Three Wooden Crosses area. The remainder of Fair goes into full swing starting the evening of July 18th. Check out the full schedule here in the newsletter. Our 4-H members have been hard work and are ready to showcase their projects for all to see! With just under 2,400 pre-entries it is sure to be a great Fair with lots to see and celebrate! You don't want to miss Ribbons Galore in 2024 at the 2024 Butler County Fair! Our office hours will look different during the County Fair. July 15th – July 24th, our office hours will be 8:00 a.m. – 5:00 p.m. We will be open on Saturday, July 20th and Sunday, July 21st. Our office will be closed on Thursday, July 25th and Friday, July 26th. Beginning on July 29th, we will return to normal office hours: 7:30 a.m. – 5:00 p.m. Monday – Thursday and 7:30 a.m. – 11:30 a.m. on Friday. I hope that each of you will take some time to relax, have fun and make some memories this summer!

~Charlene Miller

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# Upcoming Events

		<i>July</i>				
	①	② Extension Council Board Meeting 6:30 p.m.	③ Garden Hour 12 p.m.	④  <b>CLOSED</b>	⑤	⑥ Butler County Fair Public Fashion Revue- Hope Church, Andover 1:30 p.m.
⑦	⑧	⑨ Troubleshooting in the the Garden - Augusta Community Garden 6:30 p.m.	⑩	⑪	⑫ Troubleshooting in the the Garden - Douglass Community Garden 6:30 p.m.	⑬ Butler County Fair Horse Show - 3 Wooden Crosses, Augusta 6:00 p.m.
⑭ Office Hours 8:00 a.m.-5:00 p.m.	⑮	⑯	⑰	⑱ Projects Begin to Arrive	⑳ <b>Butler County Fair</b>	
㉑ Office Hours 8:00 a.m.-5:00 p.m. Church Service 8:15 a.m.	㉒ Butler County Fair Project Auction 7:00 p.m.	㉓ Butler County Fair Clean-Up	㉔	㉕  <b>CLOSED</b>	㉖  <b>CLOSED</b>	㉗
㉘	㉙	㉚	㉛ Ad Astra Planetarium 10:00 a.m.-1:00 p.m.			

**Butler County Extension Office**  
206 North Griffith  
Suite A  
El Dorado, Kansas 67042  
(316)321-9660

**Hours\***



**Monday - Thursday**  
7:30 a.m. - 5:00 p.m.

**Friday**  
7:30 a.m. - 11:30 a.m.

\*During the weeks of  
July 14th-27th Office Hours  
will be 8 a.m. - 5 p.m.



**Ribbons Galore in 2024**  
Butler County Fair  
July 18-22, 2024

		<i>August</i>				
				①	②	③
④	⑤	⑥ Extension Council Board Meeting 6:30 p.m.	⑦ Garden Hour 12 p.m.	⑧	⑨	⑩
⑪	⑫	⑬	⑭	⑮	⑯	⑰
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# Upcoming Events



CALLING ALL SWEET-TOOTHS

## Want to Support Butler County 4-H?

Cakes and Pies and Bread, OH MY!

**COME OUT TO THE BUTLER COUNTY 4-H COUNCIL FOOD AUCTION DURING THE BUTLER COUNTY FAIR!**

Friday, July 19th at 6:00 p.m.  
200 North Griffith, El Dorado



K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Program information may be available in languages other than English. Reasonable accommodations for persons with disabilities, including alternative means for communication (e.g., Braille, large print, audio tape, and American Sign Language) may be requested by contacting the event contact Madeline Wallace four weeks prior to the start of the event June 21, 2024 at 316-321-9660 or mgwallace@ksu.edu. Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information will be provided free of charge to limited English proficient individuals upon request.  
K-State Research and Extension is an equal opportunity provider and employer.

**JULY 6, 2024  
BUTLER COUNTY FAIR**

# FASHION REVUE

7:30 AM Check-In Begins  
8:00 AM Sewing & Textile Design Revue  
8:30 AM Shopping in Style Revue  
9:15 AM Sewing & Textile Design

**PUBLIC REVUE BEGINS AT 1:30 PM**

HOPE Community Church  
E 21st Street  
Andover, KS 67005

K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Program information may be available in languages other than English. Reasonable accommodations for persons with disabilities, including alternative means for communication (e.g., Braille, large print, audio tape, and American Sign Language) may be requested by contacting the event contact Madeline Wallace two weeks prior to the start of the event (June 22, 2024) at 316-321-9660 or mgwallace@ksu.edu. Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information will be provided free of charge to limited English proficient individuals upon request.  
Kansas State University Agricultural Experiment Station and Cooperative Extension Service  
K-State Research and Extension is an equal opportunity provider and employer.

# HORSE SHOW

**5:00 PM**  
  
**SATURDAY  
JULY 13**  
  
**3 WOODEN  
CROSSES ARENA  
5118 SW 100TH ST.  
AUGUSTA, KS**

**2024 BUTLER COUNTY FAIR**

K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Program information may be available in languages other than English. Reasonable accommodations for persons with disabilities, including alternative means for communication (e.g., Braille, large print, audio tape, and American Sign Language) may be requested by contacting the event contact Madeline Wallace two weeks prior to the start of the event (June 23, 2024) at mgwallace@ksu.edu or 316-321-9660. Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information will be provided free of charge to limited English proficient individuals upon request.  
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### Garden Hour Webinars

- **July 3rd- Success with Cacti and Succulents**
- **August 7th- Establishing a more Environmentally Friendly Yard**
- **September 4th- Season Extension in the Vegetable Garden**

These class are offered online via Zoom at Noon. For more information on the Garden Hour series or to register visit here: <https://hnr.k-state.edu/extension/consumer-horticulture/garden-hour/>

# Upcoming Events

**K-STATE** |  Butler County  
Research and Extension

## Ad Astra Planetarium!

**4-H COMMUNITY BUILDING!**  
**200 N GRIFFITH, EL DORADO, KS**

Using a 6-meter inflatable dome and 4k digital projection system. Through high-resolution visuals, narration, and music, the audience learns about constellations, planets, the structure of the universe, and more.

**Free to the Public!**  
Sign up using the QR code below!

**July 31st**  
10:00 am  
11:00 am  
12:00 pm



K-STATE RESEARCH AND EXTENSION IS COMMITTED TO PROVIDING EQUAL OPPORTUNITY FOR PARTICIPATION IN ALL PROGRAMS, SERVICES AND ACTIVITIES. PROGRAM INFORMATION MAY BE AVAILABLE IN LANGUAGES OTHER THAN ENGLISH. REASONABLE ACCOMMODATIONS FOR PERSONS WITH DISABILITIES, INCLUDING ALTERNATIVE MEANS FOR COMMUNICATION (E.G., BRAILLE, LARGE PRINT, AUDIO TAPE, AND AMERICAN SIGN LANGUAGE) MAY BE REQUESTED BY CONTACTING THE EVENT CONTACT MADELINE WALLACE TWO WEEKS PRIOR TO THE START OF THE EVENT (JULY 17) AT (316) 321-9000 OR MGWALLAC@KSU.EDU. REQUESTS RECEIVED AFTER THIS DATE WILL BE HONORED WHEN IT IS FEASIBLE TO DO SO. LANGUAGE ACCESS SERVICES, SUCH AS INTERPRETATION OR TRANSLATION OF VITAL INFORMATION WILL BE PROVIDED FREE OF CHARGE TO LIMITED ENGLISH PROFICIENT INDIVIDUALS UPON REQUEST. KANSAS STATE UNIVERSITY AGRICULTURAL EXPERIMENT STATION AND COOPERATIVE EXTENSION SERVICE K-STATE RESEARCH AND EXTENSION IS AN EQUAL OPPORTUNITY PROVIDER AND EMPLOYER.

## Summer Engagement Interns

Sign-Up to schedule programming today!



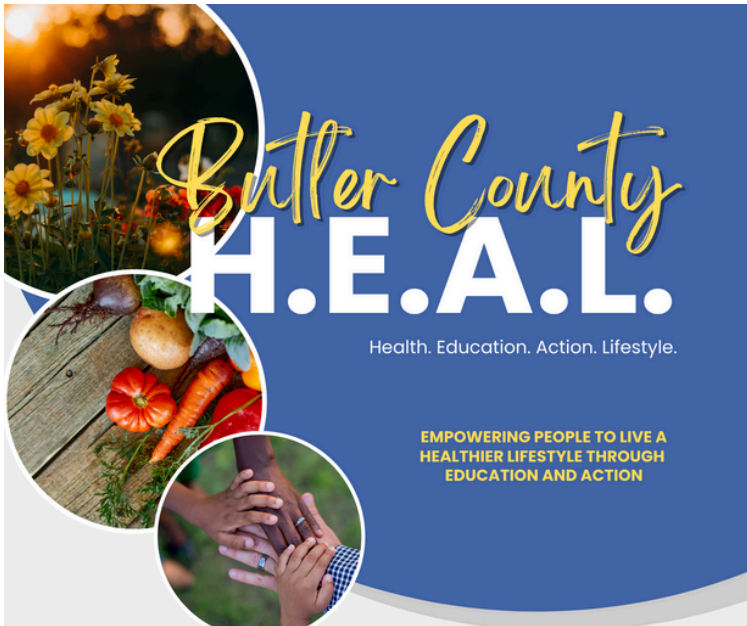
**FREE STEM Programming available!**

June 3rd-July 31st 8am-5pm

**Cally Miller & Jillian Foes**

K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Program information may be available in languages other than English. Reasonable accommodations for persons with disabilities, including alternative means for communication (e.g., Braille, large print, audio tape, and American Sign Language) may be requested by contacting the event contact (insert name) two weeks prior to the start of the event (insert deadline date) at (insert phone number and email). Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information will be provided free of charge to limited English proficient individuals upon request.

# Upcoming Events



**Butler County**  
**H.E.A.L.**  
Health. Education. Action. Lifestyle.

EMPOWERING PEOPLE TO LIVE A HEALTHIER LIFESTYLE THROUGH EDUCATION AND ACTION

**PROMOTING HOLISTIC HEALTH BY INCORPORATING RESEARCH BASED EDUCATION INTO PRACTICAL DAILY LIVING.**

**K-STATE** | Butler County  
Research and Extension

206 N Griffith, Suite A  
El Dorado, KS 67042  
(316) 321-9660

**scmh south central mental health**  
HELPING TO SHAPE PROMISING FUTURES

221 King St, Andover, KS 67002  
524 N Main St, El Dorado, KS 67042  
2821 N Brookside Dr, Augusta, KS 67010  
(316) 733-5047 ext 515 OR 528

K-State Research and Extension is an equal opportunity provider and employer.



## The Strong Couples Project

- ✓ **Participate in a 6-session online program** scientifically shown to strengthen relationships
- ✓ **Video calls with trained coach** to help maximize program impact
- ✓ **No cost to enroll** and chance to win **\$25 Amazon gift card** for completing program surveys

To learn more and enroll, please visit [go.illinois.edu/StrongCouples](https://go.illinois.edu/StrongCouples)



# Ag Talk

## Charlene Miller

Director/Agriculture Agent

[cmmiller1@ksu.edu](mailto:cmmiller1@ksu.edu)

<https://www.butler.k-state.edu/agriculture/>

## You scream, I scream, we all scream for..... no not Ice Cream...CoCoRaHS!

CoCoRaHS is an acronym for the Community Collaborative Rain, Hail and Snow Network. CoCoRaHS is a unique, non-profit, community-based network of volunteers of all ages and backgrounds working together to measure and map precipitation (rain, hail and snow). By using low-cost measurement tools, stressing training and education, and utilizing an interactive Web site, our aim is to provide the highest quality data for natural resource, education and research applications. CoCoRaHS now in all fifty states.

This is a community project that everyone can help with. The only requirements are an enthusiasm for watching and reporting weather conditions and a desire to learn more about how weather can affect and impact our lives.



### What will our volunteer observers be doing?

Each time a rain, hail or snow storm crosses your area, volunteers take measurements of precipitation from as many locations as possible (see equipment). These precipitation reports are then recorded on our Web site [www.cocorahs.org](http://www.cocorahs.org). The data are then displayed and organized for many of our end users to analyze and apply to daily situations ranging from water resource analysis and severe storm warnings to neighbors comparing how much rain fell in their backyards.

### Who uses CoCoRaHS?

CoCoRaHS is used by a wide variety of organizations and individuals. The National Weather Service, other meteorologists, hydrologists, emergency managers, city utilities (water supply, water conservation, storm water), insurance adjusters, USDA, engineers, mosquito control, ranchers and farmers, outdoor & recreation interests, teachers, students, and neighbors in the community are just some examples of those who visit our Web site and use our data.

# Ag Talk

## CoCoRaHS Continued

### What do we hope to accomplish?

CoCoRaHS has several goals (as stated in our [mission statement](#)). 1) provide accurate high-quality precipitation data for our many end users on a timely basis; 2) increasing the density of precipitation data available throughout the country by encouraging volunteer weather observing; 3) encouraging citizens to have fun participating in meteorological science and heightening their awareness about weather; 4) providing enrichment activities in water and weather resources for teachers, educators and the community at large to name a few.

If you have a zest for helping others and are willing to sign-up to be an observer to help report rainfall, I encourage you to sign up. You must be dedicated to entering data daily (even on those non-precip days. If you download the CoCoRaHS app after you become a registered reporter, reporting is VERY EASY! If you are interested in signing up and joining CoCoRaHS, please visit [www.cocorahs.org](http://www.cocorahs.org). If you have questions, please let me know!

## Want to be a Weather Observer?



cocorahs.org



CoCoRaHS is a grassroots, non-profit, community-based, high-density precipitation network made up of volunteers of all backgrounds and ages who take measurements of precipitation, snowfall and snow depth in their backyards.

JOIN  
CoCoRaHS

The National Weather Service is looking for additional precipitation observers across Minnesota and Wisconsin.

No previous experience is needed to be a weather observer. Free training is provided online!

**CoCoRaHS: Community Collaborative Rain, Hail, and Snow Network**

# Ag Talk

**Charlene Miller**

Director/Agriculture Agent

[cmmiller1@ksu.edu](mailto:cmmiller1@ksu.edu)

<https://www.butler.k-state.edu/agriculture/>

K-State Agricultural Economics presents

## Finances and the Farm: An online class to enhance your farm management skills

An applied approach to developing and using farm financial statements for management decision-making for farmers and ranchers of all types

**This is a self-paced course you can take when it is convenient for you!**

This course can be taken for education only or to fulfill FSA borrower's requirements.

**Seven Lessons: Recordkeeping, Balance Sheet, Income Statement, Enterprise Budgets, Cash Flow, Goal Setting and Managing Family Living Expenses**

**Participants will:**

- Understand the structure of a balance sheet, income statement, enterprise budgets, and cash flow
- Choose either Cattle & Crops or CSA & Farmers Market case farm to complete quizzes to check understanding and practice using these financial statements in a real-world setting
- Be prepared to use financial management techniques for their own operation
- Set goals for their operation

- Learn how to make changes to avoid financial difficulties

**Registration Fee:**

- \$300 for FSA credit class
- \$100 for education only



Approved for FSA Borrower's  
Training Financial &  
Production Credits

Taught by Robin Reid, K-State Extension Farm Economist, and LaVell Winsor, K-State Farm Analyst

Register online for FSA Credit or Education Only:  
[www.AgManager.info/Events](http://www.AgManager.info/Events)

**KANSAS STATE**  
Agricultural Economics

**K-STATE**  
Research and Extension

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## K-State Agricultural Economics Presents: Risk Management on the Farm

Online, on-demand course to take when it is convenient for you.  
Taught by Robin Reid, Extension Farm Economist, and LaVell Winsor, K-State Farm Analyst

**Five Lessons: Determining Cost of Production, Crop Insurance, Crop Marketing, Farm Programs (ARC/PLC), and Beef Cow/Calf Risk Management**

Register online by using the link below:

[www.AgManager.info/Events](http://www.AgManager.info/Events)

**Course Description:**

- Learn principles of determining cost of production, developing a marketing plan, evaluating crop insurance options, and participating in farm programs (ARC/PLC)
- Participants will work with a case farm to apply these topics to a real-world farming operation through hands-on activities.
- The goal of this class is to acquire risk management skills that can be applied directly to a farming operation.
- The bulk of the course focuses on risk management for row-crop farming operations but also includes principles for beef cow/calf operations.

**Special Topics:**

- Managing stress and being resilient in tough times
- Communicating effectively with family members

**Registration Fees:**

- \$100 education only

**Other information:**

- Have 6 months from registration to complete
- This course is a replica of the 5-part Risk Management Series delivered by KSRE in 28 locations across the state from January-February 2022 in which 340 producers participated in-person

**KANSAS STATE**  
Agricultural Economics

**K-STATE**  
Research and Extension



# Just the FCS

**Bonnie Brewer**

Family & Consumer Sciences Agent

[bjbrewer@ksu.edu](mailto:bjbrewer@ksu.edu)

<https://www.butler.k-state.edu/fcs/>

## *Fun in the Sun*

Time outdoors has countless benefits for physical and mental health. Many people enjoy sports or engage in activities to improve their health. Time spent outdoors is known to help relieve stress, anxiety, and boost feelings of happiness and wellbeing. With these benefits of outdoors being well known to many, some may not know how to enjoy the outdoors while practicing sun safety.

Sun safety is important to reduce your risk of skin cancer. One in five Americans will develop skin cancer in their lifetime and nearly 20 Americans die every day from melanoma. Everyone is at risk for skin cancer, no matter their age, skin color, or gender.



Some helpful everyday preventative measures for practicing sun safety are to stay indoors or in shade between 10 a.m. and 4 p.m. when UV rays are strongest: Wearing UPF protective clothing, wide-brimmed hats, UV sunglasses, sunscreen: Seeking shade. Knowing these preventive measures is helpful, but other questions may come to mind as you prepare to be sun safe.

### **What about Vitamin D?**

Strive to focus on foods rich in vitamin D. If you are unsure about your vitamin D levels, talk with your physician about having your levels checked through a blood test.

# Just the FCS

**Bonnie Brewer**

Family & Consumer Sciences Agent

[bjbrewer@ksu.edu](mailto:bjbrewer@ksu.edu)

<https://www.butler.k-state.edu/fcs/>

## *Fun in the Sun Continued*

### **Is my sunscreen safe to store in a vehicle?**

According to the Food and Drug Administration, when exposed to heat, the preservatives found in sunscreen break down, allowing bacteria and fungi to grow faster.



### **I apply a moisturizer with SPF each morning, am I covered?**

Many moisturizers or foundation now have SPF ratings, but it's important to note that these do not protect all day. Just like sunscreen, to remain protected, you will need to reapply throughout the day.

### **Should I visit a dermatologist or my physician?**

Many physicians will check the body during annual exams or when asked to do so. A physician may refer you to a dermatologist if they come across anything concerning, but it's encouraged to schedule an appointment with a health professional you trust, whether that's your physician or dermatologist.

### **Does a higher SPF mean more protection?**

According to the MD Anderson Cancer Center at the University of Texas, SPF 15 sunscreen blocks 93% of UVB radiation, and SPF 30 blocks 97%. After that, the difference in protection is small. SPF 50 blocks 98%, and SPF 100 stops 99% of UVB rays from reaching your skin. No matter what SPF you choose, be sure to reapply often and use enough to cover all parts of your body thoroughly.

# Garden Gossip

**Calla Edwards**

Horticulture Agent

[callae@ksu.edu](mailto:callae@ksu.edu)

<https://www.butler.k-state.edu/horticulture/>



## Fall Gardening

It's hard to believe that July has already arrived, I'm not sure where the summer has gone so far but it doesn't look like it's going to slow down anytime soon. While our warm-season crops are thriving and loving the summer heat, it's time for our cool-season crops to start winding down for the summer. As quickly as the summer is going it's time to start thinking about starting our fall garden plants and even start planting some of them right now. When I lived in North Dakota, fall gardening wasn't an option as the growing season was simply too short. In Kansas, fall gardening is an excellent but often overlooked gardening season. In some cases, by the time fall arrives we are tired of being in the garden, but late-season crops can extend your gardening season and provide fresh veggies into winter depending on the crop. In many cases fall grown vegetables are of higher quality and better for preservation.



Most of our cool-season vegetables can easily be grown in the fall except for peas as they require cooler temperatures to germinate than we get in July or August. Some common vegetables grown in the fall include potatoes, green beans, beets, cabbage, broccoli, cauliflower, carrots, kale, lettuce, radish, and spinach. Some of those crops can often be overwintered such as kale and spinach by only harvesting the outside leaves and mulching the plant in the garden. Most of the vegetables can be started from seed, however, vegetables such as broccoli, cauliflower, or cabbage should be started in containers or in a shady spot in the garden to be transplanted in mid-August. When seeding fall crops, plant the seeds slightly deeper than you would in the spring and water them consistently to help keep the soil as cool as possible.

# Garden Gossip



## Fall Gardening Cont.

The timing of planting fall vegetables can be critical to their success. Because of the warm soil temperatures, seedlings will often germinate faster in the summer than they will in the spring. Here is a brief calendar:

- Mid-July- Start planting potatoes. It's best to use fresh seed potatoes rather than trying to plant the potatoes you just harvested. They have a dormancy requirement and won't sprout soon enough. It can be hard to find seed potatoes in July so you might have to order them.
- Late-July seed your longer season, heat-tolerant crops such as carrots, beets, and green beans.
- Late July-Early August- seed spinach and longer season head lettuce. (Leaf lettuce will be started later in the fall.)
- Early August- Transplant broccoli, cabbage, and cauliflower seedlings into the garden.
- Mid to Late August- Start radishes and leaf lettuce.



Establishing your fall crops might be the hardest part of gardening in the late summer to early fall. The extra watering or heavy rainfalls can form a crust on the top of the soil. If possible, use a soaker hose to prevent the crust build-up. You can also sprinkle compost, peat moss, perlite, or vermiculite over the top of the rows to prevent the crusting from occurring. Gradually reduce your watering as the seedlings grow to encourage a deeper root system. The vegetables will likely require some fertilizer two to four weeks after they have been planted or transplanted. It's best to wait to fertilize after the seedlings are growing so you don't burn them when they are young.

Fall vegetable gardens can be an excellent extension of your gardening season. The cooler weather as the vegetables mature leads to tastier and higher quality vegetables versus the ones that ripen in the heat of the summer. With just a little bit of work, you can easily enjoy fresh vegetables all through the growing year and even into the early to mid-winter. I hope your gardens and plants are looking great.

# Garden Gossip

**Calla Edwards**

Horticulture Agent

[callae@ksu.edu](mailto:callae@ksu.edu)

<https://www.butler.k-state.edu/horticulture/>

## Chiggers

Itchy, red dots covering your body!!!! Why??? Chigger season has arrived in the area and based on the calls coming into my office we could be in for a long summer of itching. Chiggers are always a hot topic in our house as they appear to really love several members of our family over others. In Kansas, there are 46 different species of chigger mites but most only feed on a narrow range of host species. Chiggers overwinter as brilliant red adults that are about 1/20” long. They start to lay eggs when the soil surface temperatures are regularly above 60 degrees and “chigger season” is soon underway. The chigger larvae will climb onto grass blades and hitch a ride on an unsuspecting host that they will feed on for two to four days. After that time they drop from the host, undergo a molting process and become nymphs. The nymph and adult form of chiggers don’t actually bite humans, rather they are predators of small insects, other mites, and their eggs. A complete life cycle of a chigger is from 7 to 10 weeks but there are always some of the larvae around. Chiggers are found in tall grass where sunlight doesn’t get down to the soil. Use insect repellent and shower thoroughly after returning inside. To prevent chiggers in your yard keep the lawn mowed, especially in sunny areas. Sprays labeled for chiggers can be used if they are a pest in your yard but read the label and chose products carefully.



# Garden Gossip

**Calla Edwards**

Horticulture Agent

[callae@ksu.edu](mailto:callae@ksu.edu)

<https://www.butler.k-state.edu/horticulture/>

## July Gardening Calendar

### Vegetables and Fruits

- Harvest fruits of your labor and enjoy
- Control weed growth to preserve water and nutrients
- Fertilize vegetables to encourage plant development
- Watch for foliar disease development on lower tomato leaves and treat with a fungicide
- Prepare for fall gardening. Plant potatoes, broccoli, and other fall crops
- Spray sweet corn to control corn earworms as silks emerge
- Be on the lookout for pests of the garden and control
- Remove old raspberry canes after harvest



### Flowers

- Remove faded flowers from annuals to stimulate more flowers for late summer color, and from perennials to prevent reseeding
- Keep gardens well mulched
- Lightly fertilize annuals to promote growth
- Dig, divide, and replant crowded irises
- Fertilize roses for fall blossoms
- Fertilize and water container gardens
- Complete the final pinching of chrysanthemum tips for bushier plants



# Garden Gossip

## July Gardening Calendar Cont.

### Lawns

- Fertilize zoysia to encourage summer growth with a high-nitrogen fertilizer. Let grass clippings fall to return nutrients to the soil and grass
- Be on the lookout for summer diseases such as brown patch
- Watch for grubs. If they begin to hatch, an insecticide may be required. Apply in late July or early August.
- Keep mower blades sharpened
- Replace lawn mower air filter and change lawn mower oil per owner's manual
- Prepare to control perennial grassy weeds such as zoysia, fescue, and nimblewill
- Water deeply and less often for deep roots and a healthy lawn



### Trees and Shrubs

- Water newly planted shrubs and young trees (planted within the last three to five years) during dry weather
- Keep plants mulched to conserve moisture and cool roots
- Remove sucker growth from the base of trees and along branches
- Prune diseased, dead, or hazardous limbs



### Miscellaneous

- Water weekly by deeply soaking the soil. Use surface irrigation and avoid watering late at night to help reduce disease development.
- Take photos of gardens

# 4-H

## Madeline Wallace

4-H Youth and Development Agent

[mgwallac@ksu.edu](mailto:mgwallac@ksu.edu)

<https://www.butler.k-state.edu/4-h/>

## Fun at the Fair!



The 2024 Butler County Fair is coming up soon! Whether you are bring cattle and swine or foods and photography, there will be Ribbons Galore for all of the amazing projects we will see during the fair. I know our members have been working tirelessly on their projects in the past months. We collected close to 2,400 pre-entries for the fair!

As we get closer to the start of fair, utilize some of the resources available to you to make your projects the best they can be!

- [KDA Information of Biosecurity for all Species](#)
- [KSRE News Article on Heat Stress in Livestock](#)
- [Frosting Calculation](#)
- [2024 Butler County Fairbook](#)

If you haven't made plans to already, come support our Butler County 4-H members at any and all of the following events:

- **Fashion Revue: July 6th at 1:30 p.m.**
- **Horse Show: July 13th at 5:00 p.m.**
- **Butler County Fair: July 18th through 22nd**
- **4-H Food Auction: July 19th at 6:30 p.m.**
- **Livestock/Project Auction: July 22nd at 7:00 p.m.**