

K-State Research and Extension

NEWSLETTER

Doniphan County

July/August
2025

www.doniphan.k-state.edu

4-H NEWS

Doniphan County Extension Services

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K-State Research &
Extension /4H in
Doniphan County

CALENDAR OF EVENTS

JUNE

30- Fair registrations due in office

JULY

4 - Extension Office Closed
4- 4th of July Breakfast fund-
raiser at the fairgrounds
8- Cloverbud Camp
15 - KSF Livestock Entries Due
18- Overnight permission forms
due in office for livestock exhibitors
18- Fair Set Up, 6:00 p.m.
19, 21-25- County Fair

AUGUST

8- Pre-entries due for Kansas
State Fair
11- 4-H Council, 7:00 p.m.
23- Tractor Pull

SEPTEMBER

1 - Extension Office Closed
2- Entries due in office for
Kansas State Fair
5-14 Kansas State Fair

PICK UP AT THE OFFICE:

- **GREEN CARDS** (4-H entries)
- **WHITE CARDS** (open class en-tries)
- Foods & Food Preservation labels
- Photography mat boards (\$1.15 + tax/board), and photo bags (.23 + tax/bag) are available at the Ex-tension office.

Please stop by and pick up what you need.

Please make sure to fill out both sides of your entry card.

Use your 4-H exhibitors number and your name on each card. Your number is inside your fairbook.

***Open class exhibitors (White cards) do not have a exhibitor number.**



4-H SWIMMING POOL PARTY!

Saturday, July 12th at the
Hiawatha Fisher Center Water
Park - 7:15 p.m. - 9:15 p.m.

Free! You can bring snacks.





GET READY FOR THE FAIR!

- *Watch for Deadlines & Times.
- *Get green cards filled out ahead of time for **less stress**.

***Read the fair book** for entry instructions. Highlight projects instructions you are taking to the fair.

- *Thank the volunteers and fair supporters.
- *Invite buyers to the livestock premium sale.
- ***4-H Exhibitor numbers** are on the inside front page of your fair book, put them on the green cards.
- ***Fill out both sides of the green card and do not tear them apart!**
- *Plan to volunteer in the concession stand.
- *4-H entry cards are green, open class are white!
- ***Cloverbuds** have special instructions in the fair book, page 10, it's all about having fun! 🎵*
- ***Smile**, these are the best times of your life! ☺
- *Don't wait till the last minute!
- ***Relax!** most issues can be dealt with in a happy and humorous way!

***Remember what's important - ribbons get lost, trophies get dusty, money gets spent-experience last forever!**

CONSULTATION JUDGING

The Fair Board has stated that the 4-Her must be present at the time of judging. If they are unable to be there, they will be dropped one ribbon placing.

The 4-Her will learn so much more when they interact with the judges. The judges are able to make constructive suggestions which they may not have time to write out.

Proper etiquette for consultation judging is the 4-Her interacting with the judge while the parent remains quietly behind the 4-Her.
 *** (Help your child grow - let them do the interaction.)

***Sewing & Textiles Judging/Shopping in Style Judging will be at the Troy Community Building. Times will be sent in the July Fair letter.**

STAY HEALTHY AT THE FAIR!

Stay Home if you are sick
Wash Your Hands Often
Wearing a Mask is your Choice

NEW Fair T-Shirts

Fairboard has requested that all 4-H youth wear their new t-shirts when being judged.
 *Exception - horse show and Shopping in Style.

DEADLINES - A June 4-H Fair letter was sent out on the 7th . There are several deadlines mentioned, (livestock number reservations, sewing and textiles/ shopping in style sign-ups, Prince and Princess names turned in, etc... Please double check your letter and call the Extension office, stop by or shoot us a email.

There will also be a July 4-H Fair letter coming out with more fair details.



There will be a FCS Judging **PRACTICE** set up at the 4-H building on Wednesday July 16th from 1-4 p.m. If you have never had the opportunity to learn

how to judge a class, this is your opportunity!

There will be a FCS Judging *Contest* at the fair on Saturday, July 19th at 1:00. This is a contest not a practice. Parents can observe but not help judge. I hope we can make two FCS State Fair teams! If you have questions, please talk to Kathy.



FRIDAY, JULY 18, 2025

6:00 p.m.

Set up Fair Grounds

SATURDAY, JULY 19, 2025

8:00 a.m.

Entry cards for all 4-H Horse show entries must be turned in to superintendents

9:00 a.m.

Judging of 4H Horse Show

1:00 p.m.

Enter & Judge 4H Visual Arts (*Open Class Visual Arts to follow*)

1:00-3:00 p.m.

Family & Consumer Science Judging Contest

2:00 p.m.

Enter & Judge 4H Photography (*Open Class Photography to follow*)**MONDAY, JULY 21, 2025**

6:30 a.m.—9:30 a.m.

Weigh in Swine

8:30 a.m.— 10:30 a.m.

Enter & Judge 4H Foods & Food Preservation

10:00 a.m.

Open Class Foods & Food Preservation

11:00 a.m.

Commissioner's Cookie Jar

1:00-2:00 p.m.

Check in Sheep & Meat Goats

3:00 p.m.

Judging of Decorated Trashcans

4:00 p.m.

Prince & Princess Judging

6:00 p.m.

Coronation of Prince & Princess, Auction Champion Food Exhibits,

Presentation of Commissioner's Cookie Jar, Auction remaining Cookie Jars

Judging of Swine

6:30 p.m.

TUESDAY, JULY 22, 2025

8:00 -10:00 a.m.

Weigh in Steers

8:00-10:00 a.m.

Enter Poultry and Rabbits

8:00 - 11:00 a.m.

Enter Beef & Dairy Cows *Give livestock entry cards to superintendents*

9:00-11:00 a.m.

4-H Sewing & Textile Judging & Style Revue *Open Class Clothing Construction to follow*

Noon-1:00 p.m.

Enter and set up all remaining inside exhibits

1:00 p.m.-2:00 p.m.

Judging 4H Horticulture & Agronomy (*Open Class to follow*) Judge Geology, Wildlife, Forestry, Engineering & Technology

2:00 - 3:00 p.m.

Judge Banners, Reading, Interior Design & Architecture, Shooting Sports, Entomology, Electric & Small Engine, Woodworking, Ag Mechanics, Misc., & 4H Fiber Arts (*Open Class to Follow*)

Judging of Meat Goats & Sheep

6:30 p.m.

WEDNESDAY, JULY 23, 2025

8:30 a.m.

Judging of Rabbits

10:45 a.m.

Judging of Poultry

2:00 p.m.

Shopping In Style Revue

6:30 p.m.

Judging of Dairy Goats & Dairy

7:00 p.m. (or immediately following dairy) Judging of Bucket Calf & Beef

THURSDAY, JULY 24, 2025

8:30 a.m.

Small Pet Show (open class to follow)

10:00 a.m.

Livestock Judging Contest

1:30 p.m.

4-H Place Setting Judging

2:00 p.m.

4-H Communications Contest

7:00 p.m.

Ladies & Shepherd's Lead

7:30 p.m.

Livestock Sale

FRIDAY, JULY 25, 2025

7:00 a.m.

All exhibits released—inside exhibits must be picked up by 9:00 a.m.

9:00 a.m.

*Livestock exhibitors must help clean barns

10:00 a.m.

Public Style Review Practice

7:30 p.m.

Dog Show

9:00 p.m.—11 p.m.

Public Style Revue & Awards Presentation

Dance



K-State

Research and Extension

Doniphan County Office

P.O. Box 487

105 S. Liberty

Troy, KS 66087

July/August 2025

Summer is a busy time! We have so many activities to keep us busy and happy! I am looking forward to the County Fair!

Sincerely,

Kathy Tharman

County Extension Director

Katharine Sharp

Ag & Natural Resources/4-H





14th WOMEN in AG Event Thursday, JULY 10TH

Women in Ag is Awesome!
Doniphan County Soil Conservation
and KSRE are Excited to bring you
our evening event!

Free Event!
**Please Register by calling Chris
Griffin, Doniphan County
Conservation District office at
785-985-2221, Extension 3.
RSVP by JULY 3rd**

Evening Registration will begin at
5:30 p.m. followed by supper at 6:00
p.m. Supper will be provided by the
Helping Hands EHU.

*Troy Community Building

**Come Join this Fun, Social,
Entertaining, Learning Event!!**



Food Preservation

Lids and Jars —

Recipes specify what size of jar to use. Never use a jar larger than the size specified in the recipe. This can lead to under-processing. Regular and wide-mouth Mason-type, threaded, home-canning jars, with the 2-piece lid and ring, are the best choice. They are available in 4-ounce, ½-pint, 12-ounce, pint, 1½-pint, quart, and ½-gallon sizes. Half-gallon jars are only used for canning apple and grape juice. With careful use and handling, Mason jars may be reused many times. When using 12-ounce jars, follow pint jar processing recommendations. When using 1½-pint jars, follow quart jar processing recommendations.

*Colored jars are available and are safe for canning.

*Colored jars are not recommended for fair exhibits, which are judged visually, because it is difficult to see through the colored glass.

Reusing commercial jars for canning may not accommodate two-piece canning lids and are not recommended for home canning.

The common canning lid consists of a flat metal lid and a metal screw band. These lids are used one-time only. Reusing metal lids can lead to seal failure and spoilage. Lids manufactured since 2014 do not require heat treatment before use. All lids, however, must be washed with soap and warm water before use. Boiling or heating lids softens the gasket compound too much and can lead to seal failure. Metal screw bands can be reused.

There are reusable plastic lids available for use. No university research has been done to test the safety of these lids to date.

Follow the manufacturer's instructions for best results.

Elevation Adjustment — Kansas elevation can range from below 1,000 feet to just over 4,000 feet. Failure to adjust for elevation will lead to under-processed food, which encourages the growth of *Clostridium botulinum*. Recipes in the USDA Complete Guide to Home Canning give elevation information with each recipe. Recipes in books such as *So Easy to Preserve*, *Ball Blue Book*, and *Ball Complete Book to Home Preserving* are written with processing instructions for elevations below 1,000 feet. Always read the general instructions in these resources for more information.

Headspace — Proper headspace helps ensure a good vacuum seal on jars. Too little headspace can compromise the seal. Food and liquid expand during processing and may seep underneath the sealing compound.

Too much headspace leaves excess air inside the jar, causing discoloration, seal failure, and spoilage.

Recommended headspace:

Jams and jellies – ¼ inch

Fruits, pickles, tomato products – ½ inch

Vegetables – 1 inch

Meats and poultry – at least 1 inch

For best results, always

There are four things that can cause liquid to be lost from the jar during processing. Food packed into a jar raw is more likely to lose liquid as the raw food contains air that is driven from the jar during the heating/canning process. The recommendation is to heat fruits before packing into jars. Recipes identify this as a hot pack. Rapid fluctuation of the temperature in the canner can also cause loss of liquid. When a boiling water canner comes to a rapid boil, adjust the temperature of the stove to maintain a steady boil, but not a ferocious boil. When a pressure canner reaches the designated pressure, reduce the temperature of the stove to maintain that pressure without making sudden changes in the pressure.



Removing jars from the canner too quickly after processing causes stress that sends liquid out of the jar. After processing is complete, remove the canner from an electric burner, remove the lid from a boiling water bath canner and allow the jars to sit in the hot water 5 minutes before removing to a counter. Remove an atmospheric steam canner from heat and allow jars to sit in the canner for 5 minutes with the lid still in place before removing jars to a counter. Pressure canner directions include a 10-minute wait after the pressure returns to zero and the pressure regulator or weight is removed. This allows the temperature in the jars to equalize to the surrounding temperature and reduces siphoning.

Overfilling jars not only encourages liquid loss but increases the risk of seal failure. During heat processing, the contents of the jar expand. Too little space between the lid and food/liquid forces liquid out of the jar when it is heated. Use correct headspace when filling jars.



Doniphan County

Agriculture & Natural Resources News

Katharine Sharp
Doniphan County Agriculture Agent



4-H Cloverbuds and the County Fair

As we approach county fair season, the question is asked, "What about Cloverbuds and livestock?". The Kansas 4-H Cloverbud program is a non-competitive youth development opportunity designed specifically for 5 and 6-year-old youth (aka Pee-Wees).

As you look through the Doniphan County Fair Book, you will see we have specific classes for Cloverbud listed in the book. They are not permitted to be shown in Open Class Adult Livestock Showmanship (page 109). This event is for adults 18 years or older. Please follow the rules accordingly, so we can keep our Cloverbud youth safe and allow our adults to participate in a fun community event that is adult oriented.

Extension Master Gardener Info Session – August 21st

On Thursday August 21st, I will be hosting an in-person info session on the Extension Master Gardener Program (EMG) starting at 6:30 pm located at the Troy Community Building. I will begin the meeting discussing the program overview, volunteer requirements, and vision for a Doniphan County Extension Master Gardener Program. I am the coordinator manager for this program. The requirements are as follows:

- **You need to be available for about 40 to 50 hours of daytime training classes your first year.** The number of hours required varies with county – and have time to do volunteer projects in our community.
- You must have at least a High School Diploma or the equivalent.
- Enjoy sharing your love of gardening with others through various Extension Master Gardener projects.

Another requirement is that you must have internet and a regularly checked email address in order to receive EMG continuing education and training.

Basic training begins September 4th, 1:00 to 4:00 pm and will reoccur on every Thursday until December 4th. This program costs \$60. If you do not have time allowance to do the training and volunteer aspect, then please wait until your schedule permits in future years.

If this sounds like a program you want to do, then please put this event in your calendar and sign up via the link below or call me at the Office. I will contact those who have showed past interest in this program to remind them to come.



Doniphan County Corn Variety Plot Evening – August 26th

The Doniphan County Agriculture and Natural Resources Program Development Committee (PDC) is pleased to announce we will be hosting the 4th Annual Corn Plot Field Day on Tuesday August 26th starting at 6:00 pm. This year's plot location is near 1713 Freeport Road, Sparks, KS 66035. Please RSVP to the Extension Office by August 22nd as this event is free with a meal.

This year's program details will be shared once we get closer to this date. Please be on the look out for details on this community activity!

Tar Spot in Doniphan County – 2025 Update

Low levels of Tar Spot were detected in the western part of Doniphan County near the



Brown County border on June 11th, 2025. We have had this fungal disease of corn since 2022 in our area. Please continue to scout for this disease as our current weather conditions have favored tar spot spread. I have posted on our website resource links about Tar Spot. Corn stunt disease and soybean gall midge are also diseases of concern for our area. Please check out links at: doniphan.ksu.edu/crops

Ag Agent Picks: European Elm Flea Weevil Pest

Earlier in June, the Extension Office received a phone call from a resident in need of assistance from K-State Extension. She had an unknown bug infesting her Chinese Elm tree in her yard. She asked that I come out to look at her tree to help her determine what was the matter. The resident stated that garden centers have been no help to her as they refer her to her local extension agent. I visited her house and took pictures, and I wrote a description of the symptoms for my specialist contact. We did not observe any bugs during my visit but lots of damage, as pictured. Lots of defoliation, and damage was found all over the tree. We were able to rule out Japanese beetles right away.

I contacted my KSRE Specialist coworker to assist me with identifying the damage being done to this local tree. It is important to be able to correctly identify pests, fungus, and plants where characteristic details may overlap. We must be able to treat and manage effectively. In a world of improper fertilizer and pesticide uses, we must be precise and utilize these resources appropriately to be effective. The local elm tree was diagnosed with an infestation of:

Insect name: European Elm Flea Weevil, *Orchestes alni* - This insect pest of elm trees are approximately are 1/8th of an inch long and are cream colored weevils (adult stage). In the spring their larva (worm stage) feed for several weeks on leaves then emerge as weevils. They tunnel through the leaves, defoliating the leaves. These insects do not kill their Elm tree hosts, though they cause a lot of aesthetic damage for homeowners.

It is important to maintain the health of the Elm tree through proper watering, fertilizing, and mulching around the tree to help infested Elm trees. Insecticides are not effective on adult weevils on elm trees. It is not recommended to treat with spray insecticides as elm trees are large and difficult to completely cover. If a homeowner chooses to treat, it is recommended to only treat with an application of systemic insecticide in the early spring before leaves develop as this only is effective during larva stage. Please contact the Extension office for more information and extension resources on systemic insecticides in the garden. (Sources: Dr. Raymond Cloyd, K-State University Entomology Extension Specialist)

For more, information please check out this publication: *European Elm Flea Weevil: Insect Pest of Elm Trees #MF3650*



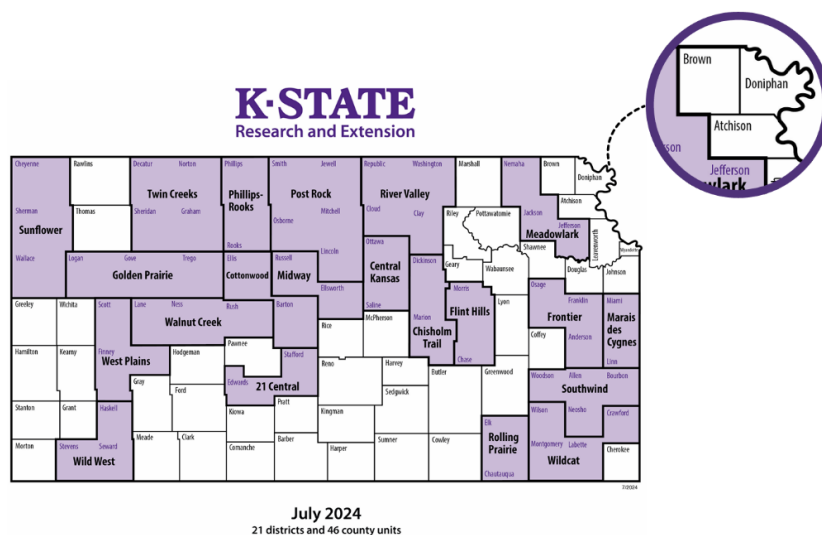
Classic European Elm Flea Weevil damage.

Doniphan County Extension & 4-H Supporters,

Doniphan County Extension Office is looking to form an Extension district with Brown & Atchison Counties. With a district, this would allow our agents to be more specialized in their roles. This will enable them to provide more in-depth knowledge and support to our residents. Districting will allow agents to be more time-efficient in their respective areas. County Fair Boards and 4-H Councils will remain unchanged and separate units in an Extension district.

With the formation of a district, each county will have representatives on the district board who will be voted on in the general election. This allows counties to have equal representation and decision-making abilities in the district.

Everyone wants their taxes to decrease, and this would be a tax decrease with the Mill Levy decreasing from 1.07 MLE to .676 MLE. The most economical way forward is to combine the extension programs of Brown, Atchison, and Doniphan Counties into one operating unit where we can share expenses and staff across the three counties and maximize our state funding. This is not a new concept; at this time, half the counties in Kansas are already in a District Operating Structure.



Next Steps -We need your help.

On February 27th, the Doniphan County Extension Council approved to pursue Extension Council Districting with Brown and Atchison. Doniphan County Extension Council members and Staff

have communicated with the Doniphan County Commission regarding our request to enter into a district with Atchison and Brown County. The Doniphan County Extension Board first spoke to the Doniphan County Commissioners about districting on May 19th, 2025.

At this time, we need you, the users of the Extension education and 4-H programming, to politely and respectfully let your commissioners know that you are a citizen and taxpayer in Doniphan County, and support commissioners signing the resolution allowing the Doniphan County Extension Program to combine with Atchison and Brown County Extension Programs.

Timothy Collins- 1st District

785-741-4879

tcollinsdpcom@gmail.com

Wayne Grable- 2nd District

816-390-5248

waynegrable@outlook.com

Bobby Hall- 3rd District

816-390-0772

0000bobbyhall@gmail.com

We have attached resources to our website, and will have them available at the Extension Office, 4th of July Breakfast, County 4-H Fair, and online at: doniphan.ksu.edu/about. Honestly, the numbers are pretty straightforward. What the commissioners need to hear is how important Extension education and 4-H are to you and your family.

Thank you for your time,

Doniphan County Extension Council Board

Kathy Tharman, County Director and FCS Agent

Katharine Sharp, AGNR Agent