

Since 1954

# GRASS & GRAIN<sup>®</sup>

AGRICULTURE'S LOCAL NEWSPAPER

Published by AG PRESS

69th Year

No. 20

July 18, 2023

\$1.00



## Love for Farmall tractors prompts journey north

By Donna Sullivan,  
Editor

Lawrence Jury of Peabody, and Michael Hinton, Hutchinson share two loves: Lawrence's daughter Tonya - Michael has been married to her since 1989 - and Farmall tractors. In June the pair, accompanied by their wives, journeyed to Grand Island, Neb. for the Red Power Roundup, an annual event that brings people from all around the world together to get a glimpse of the history of International Harvester and other items of ag memorabilia. This year's event also observed the 100th anniversary of the Farmall tractor.

Case IH kicked off a year-long celebration of Farmall, the One for All, in February. "In 1923 we set out to design a tractor that could replace horses, and today, our Farmall still serves as the workhorse on farms across the globe," said Scott Harris, Case IH global brand president. "Generation after generation, Farmall has been a symbol of modern farming, and we're excited to bring these stories to life over the course of 2023."

As part of the year-long celebration, Case IH will give away a brand new Farmall 75C tractor. The contest launched at the National Cattlemen's Beef Association trade show in



Lawrence Jury recalls farming with a Farmall tractor as a boy, and now collects and rebuilds them for both work and pleasure.

Courtesy photos



Jury's son-in-law Michael Hinton has caught Farmall fever as well, and the pair traveled to Grand Island, Nebraska in June for the Red Power Roundup.

February, and the winner will be announced at the National FFA Convention in November. For more information visit [Farmall100.com](http://Farmall100.com).

The Jurys and Hinton chose to travel backroads as they made their way from central Kansas to Nebraska and enjoyed seeing the crops in the fields and the beauty of the countryside. "It was amazing," Michael said. Once they arrived, it was soon apparent the trip had been worth every mile. "There was a lot

more there than what we expected in the number of people that participated," said Lawrence. "And they did a terrific job of setting it up to where you could go through it. It was very nicely put together."

"The sheer volume of tractors that were there, some in mint condition and all bright and shiny, and others that were working tractors - there was a good mix of all," Michael said. "It was exciting and great to see the variety of sheer number of Farmall tractors that were there, as well as other Interna-

tional items."

According to Donelle Moormeier, who served as co-chair for the Red Power Roundup in Grand Island, there were nearly 500 tractors, 40 trucks, about 70 Cub Cadets, five combines and almost 1000 exhibits of memorabilia. There was at least one of almost every Farmall tractor that was produced. She believes the most unique item was an original no-till planter that IH produced back in the 1940s. She said it was more of a prototype that was never produced and

sold, but it has been restored and will eventually be put on permanent display. Other memorabilia included a variety of items IH had produced over the years, from tools to refrigerators, freezers, cream separators and Fast Hitch equipment that allowed the farmer to stay on the tractor and hook up to a piece of equipment with a two-point hitch.

While the nostalgia these items evoke is wonderful, Moormeier believes there's an even bigger purpose. "It's an important part of our heritage," she said. "When you're talking about future generations, they're the ones we want to keep

this in front of. People need to know how things started, when it was a lot harder to do things than it is now with tractors with GPS and that kind of thing. We had our kids, grandkids and great-grandkids there and they all helped with the show. We're thankful to see they have a passion for that."

Lawrence's love for Farmalls was born of experience. "That's what Dad had on the farm and that's what you used to farm with. That was the best tractor around," he said. "I was out of farming for several years, but when I got back in it and we started making hay, I went back to red power."

He now has 15 Farmall tractors, some running and some in the process of being rebuilt, with Lawrence doing all the work himself. Just like asking a parent if they have a favorite child, Lawrence says he doesn't have a favorite tractor. "As long as they run, they are my pride and joy," he said. His biggest challenge was a tractor that came to him in a box. "I got it put back together and I've heard it run," he stated. He doesn't even venture a guess as to how much time a restoration might take. "Sometimes it's better to walk away and leave it, then come back later and finish," he admitted.

For Michael, agriculture has been a part of his life since he was a boy growing up outside of Newton, where the family home was surrounded by wheat fields. About twelve years ago he and Tonya moved to a rural property in Missouri and he bought his first Farmall tractor. "I admired my father-in-law's tractors and the work he does on them," Michael said. "I started with one, then another and another. That grew to getting involved with the Case IH collectors chapter in our area and with their shows." He went on to organize two shows of his own, and also developed a nationally sponsored vintage tractor website,

as well as establishing an Antique Tractor Preservation Day, which received three proclamations from then-Gov. Gene Nixon. A statement was issued into the Congressional Record by United States Representative Jo Ann Emerson (MO-08) on April 15, 2011, recognizing celebration of Antique Tractor Preservation Day. In March, 2013 Michael submitted two articles for inclusion in the Smithsonian's National Museum of American History Agricultural Innovation and Heritage Archive, which helps to preserve the innovations and experiences of farming and ranching across the United States and share the stories about the technologies and innovations that have changed agricultural work. Hinton submitted a summary of his Antique Tractor Preservation work, to document and have preserved in the Archive: <https://american-history.si.edu/agheritage>.

A career move took the Hinton from Missouri to Minnesota, where his tractors were sold. Now back in Kansas, Michael serves as the director of sales and marketing at AgTrax, a global ag technology company headquartered in Hutchinson. The couple hopes to one day have another rural property so Michael can start his collection once again. For now though, he makes do with miniature ERTL tractors lining the walls of his office.

Along with traveling the beautiful countryside and seeing all the Farmall equipment, there was another aspect of the journey that stuck with Michael. "At the show, the people we met and visited with were genuinely the nicest, most honest, friendliest individuals," he said. "Everywhere we went we had conversations with people we'd never met that treated us like we were their neighbors. The common thread was the Farmall tractors. Getting to talk to people about their tractors was what made this special."



Hinton loads his Farmalls for the trip to Minnesota, where he was headed for a new job. The tractors were eventually sold there.

## Wheat growers advocate for enterprise unit separation

By Marsha Boswell

"Continuous wheat and fallow wheat are two different crops."

That statement was made at a resolutions session of the Kansas Association of Wheat Growers (KAWG) last fall from northwest Kansas wheat farmer Chris Tanner, who serves as KAWG vice president. As two different crops, they should be able

to be insured separately, he said.

"Farmers currently don't have the option to insure wheat enterprise units by fallow and continuous separately and must combine them," said Tanner. "Fallow APH and continuous APH are reported separately but blended for crop insurance purposes."

This sentiment was never more evident than

when Tanner's wheat was threatened by hail, once again, last week.

Even with the multiyear drought and rains during harvest, Tanner's fallow wheat was yielding about 70 bushels per acre, compared with his wheat after corn that was yielding only 20 to 40 bushels per acre. Wheat in northwest Kansas was fortunate this year, benefiting from the early summer rains because of its later development than wheat in other parts of the state.

At the fall resolutions session, KAWG voted to add a resolution stating, "The KAWG supports efforts to improve crop insurance performance for farmers through the separation of enterprise units by fallow and continuous, while still offering combined units to those who it would benefit." This resolution was then approved by the full KAWG membership in January 2023 and presented to the National Association of Wheat Growers in March.

Then last month, U.S. senators Roger Marshall, M.D. (R-KS) and Michael Bennet (D-CO) introduced legislation that will allow farmers to insure wheat enterprise units by fallow and continuous, while still offering a combined option for those who it would benefit. This is similar to the 2014 Farm Bill provision providing for separate enterprise units for irrigated

and non-irrigated acreage of crops.

KAWG commends the bipartisan efforts of Marshall and Bennet to work on behalf of farmers to improve the safety net in the upcoming Farm Bill.

KAWG president Tyler Millershaski said, "Making the change to be able to separate the two cropping styles would be a great benefit to wheat farmers by allowing them to protect their crops and operations effectively, giving them more confidence in their business decisions, and bringing an important tool (crop insurance) up to date with modern farming practices."

For now, Tanner's good fallow wheat is safely in

the bin and harvest continues on the lower-yielding wheat after corn. Millershaski isn't as lucky, since this year's delayed harvest has yet to begin on his farm in southwest Kansas. Even so, harvest won't last long once it gets going, as his family will only be able to harvest about 10 percent of last fall's planted acres. The other 90 percent was already lost to the drought.

Even while in the combine cab, Millershaski, Tanner and others are working on behalf of all Kansas farmers for the betterment of the industry. To bring up other issues that would benefit Kansas farmers or to become a KAWG member, contact [kawg@kswheat.com](mailto:kawg@kswheat.com).



## When Words Inspire Actions

By Jackie Mundt,  
Pratt County farmer  
and rancher

Four years ago, I was asked to become a contributor to this column and had no idea that this would become a regular part of my world. I also didn't realize how much fun it would be to share experiences and thoughts about farming, rural life, community and the lessons that have formed my values.

It hasn't always been easy — balancing deadlines with a busy sched-

ule, and the sometimes daunting task of coming up with something every month worth writing about that hasn't already been done.

The most surprising part of this experience has been hearing about the impact of the column. I don't think I have written a column yet that didn't generate fan mail, a note from a friend or a conversation about how the column struck a note with a reader.

However, the biggest impact has been planting

a seed that grew into a great program. In one of my first columns, I wrote about hosting an etiquette dinner for our collegiate Farm Bureau students to help them understand a prepare to follow etiquette in the working world.

After the column was published, I received an email from Beth Gaines, executive director of the Kansas FFA Foundation. She inquired if I would be willing to hold an etiquette dinner for the newly elected Kansas FFA Officers to help them better prepare for the business meals they would be attending during their year of service.

Plans for the etiquette dinner soon turned into a day of training focused on helping the student officers to prepare for all aspects of the business

meetings and visits with sponsors or supporters in the year ahead. With the support of several businesses in the Pratt area, we put together an event that has become an annual training for the newly elected officers.

Most of the students come into the training far ahead of their peers as polished public speakers and great conversationists. But these 18- and 19-year-olds will be facing CEOs and elected officials; they will be expected to rattle off important facts, eloquently sharing personal examples of how FFA is impacting the future of agriculture and have the confidence to handle any situation they encounter.

We train the students to prepare to lead conversations with powerful

adults, to emotionally connect over common values with stakeholders and how to make sure to balance great conversation with a purposeful meeting. These are skills that a lot of adults don't even possess; skills that will be valuable beyond their time in FFA setting many on the path to become CEOs and elected officials themselves.

Every time I hear someone talk about the lack of interpersonal skills in young people or how that they are too dependent on technology, I shake my head, knowing it isn't true. Here is a group of students who defy those expectations. The difference is that this group of students has been equipped to do the hard things. As someone who personally benefited from the same types of trainings, I am grateful

to be the person teaching and coaching a new generation of leaders.

We often don't see the impact we are making quickly or clearly. In this case, I am lucky to see how the words from this column sparked an idea that led to actions and outcomes making a group of people better prepared to help those around them.

Sharing my thoughts and experiences with all of you has been a joy. I hope my words continue to inspire great ideas and each of you to share your experiences and skills with the world around you.

"Insight" is a weekly column published by Kansas Farm Bureau, the state's largest farm organization whose mission is to strengthen agriculture and the lives of Kansans through advocacy, education and service.

# Electric cars alone won't save the planet

An Op-Ed by Solutions  
from the Land

Is the future truly "electric?" Solutions from the Land is certainly energized by the innovations of forward-thinking farmers and ranchers. But we're concerned about the push from the Environmental Protection Agency (EPA) toward an all-electric-vehicle approach to decarbonizing the transportation sector.

EPA is "betting the farm" on electric vehicles while missing opportunities to reap multiple benefits — including doubling its projected carbon emission reductions—by taking a more holistic approach that values biofuels and the farmers and ranchers who produce them.

We can see why electrification is an important 21st century emissions reduction pathway. Cars with zero tailpipe emissions would be a boon in the quest to clean up air qual-

ity in the transportation sector.

According to 2021 data from the EPA, the largest contributor of greenhouse gas emissions in the U.S. is transportation (29% of total emissions), with light-duty vehicles (the ones most of us drive, weighing up to 8,500 pounds) representing 58% of those emissions.

Interestingly, the second-largest contributor, shortly behind transportation at 25% of emissions, is electricity. So why are we putting all our hopes for a greener economy in electricity?

We don't deny that electric vehicles (EVs) can and should be part of our country's plan to clean up greenhouse gas emissions. EVs are gaining popularity, and it's smart to diversify and keep all options on the table. But we should be careful not to overutilize one possibility.

There are downsides to electrifying transporta-

tion.

For one, there are no established supply chains capable of supplying the raw materials needed to manufacture the millions of vehicles required to meet projected market demand, especially not in the next decade as suggested by EPA's proposed rule, "Multi-Pollutant Emissions Standards for Model Years 2027 and Later Light-Duty and Medium-Duty Vehicles."

Plus, all those new EVs would need to be supported by new chargers — lots of them, in major metropolitan areas and across the rural countryside. While the cars themselves would not generate greenhouse gas emissions, the extra electric load would very likely put more pressure on the grid and require more coal and natural gas inputs for the foreseeable future.

"It's a one step forward, two steps back kind of sit-

uation," says Bart Ruth, a Nebraska corn and soybean farmer who co-chairs the 25x25 Alliance, a farmer-driven renewable energy advocacy group. "As a nation, we must reduce our dependency on oil, for the good of our economic and national security, and for our environment. However, focusing only on electrification is not the answer when we could be building on the progress we've already made with liquid renewable energies, like ethanol and biodiesel."

The proposed rule is especially disappointing for corn and soybean farmers, as EPA already scaled back from its original proposal on the amount of biofuels it will require to be blended into transportation fuel from 2023 to 2025.

The best and most recent data suggests that the adoption of even mid-level ethanol blends would reduce pollution emissions

at least as much as EPA's electrification approach — at a far less cost.

And, even if the electrification program could be successful, a complementary fuel improvement program would double EPA's projected emissions reduction.

Let's not forget that agricultural production is unique in sequestering carbon, not just emitting it. Agriculture emits approximately 10% of U.S. greenhouse emissions and is working to achieve its great potential for reducing those emissions.

Farmers and ranchers want to sequester carbon because doing so benefits their ability to grow crops profitably. We need to continue empowering our agricultural producers to sequester more carbon, and the public has an interest in this. Soils with more carbon tend to be healthier and more productive, enabling farmers

to not just grow food, feed, fiber and renewable energy, but also to provide essential ecosystem services connected to water quality, air quality, pollinator and other wildlife habitat, and rural economic sustainability.

Can electricity do all that alone? We think not.

Recently, SFL joined in signing a letter to EPA calling on the agency to issue a new proposed multipollutant rule that:

1. incorporates requirements to improve fuel quality by
  - establishing a higher federal octane standard while allowing higher blends of ethanol; and
  - incentivizing the reduction of carbon and aromatic compounds via reformulation or alternatively increasing ethanol blending.
2. provides incentives for automakers to produce flex-fuel vehicles by
  - creating alternative certification pathways for higher ethanol blends; and
  - correcting the problems with R-Value and CO2 penalty that other commentors have identified and re-establishing the Volumetric Conversion Factor in the fuel economy calculation algorithm.
3. adopts a life-cycle analysis approach to calculating and comparing emissions from different technologies.

Electricity will be part of the solution. Electricity can even be generated through agricultural sources, though not at scale yet. But let's not limit ourselves. Let's not underestimate the value of biofuels and the capabilities of farmers and ranchers to sustainably fuel our nation.



We are solidly in the dog days of summer. This summer hasn't been terrible yet. I say "yet," realizing that by writing this I am probably bringing on the worst heat spell of the summer. No, it hasn't been awful for very long. We have had a couple of shorter stretches of really hot weather, but the long range so far has been able to show an end in sight. We have had just a taste of what it could be. I don't know if I am getting old or soft, most likely both. The heat sure seems to hit me harder now than it used to. When I was young and dumb, I used to spend the summers out in the milo fields cutting shattercane, velvet leaf and pigweeds. We would start early in the morning and work until noon most days and later if it was cool or we were ambitious. Back in those days ambitious was more likely than cooler, or that is the way I remembered it. My memory makes me think it was close to the century mark every day.

Top that off with the fact that the house I grew up in did not have air conditioning. My sister and I had our rooms in the upstairs of our old farmhouse and Mom would put a box fan in the north window to draw the cooler evening breeze through. My mom was also somewhat of a tightwad so she would sneak into my room at 10:00 and turn the fan off so we wouldn't use too much electricity. I think I see why we did not have central air, too. Much to her chagrin, I would often wake up shortly after, in a puddle of sweat and turn the fan back on. This led to her coming back up, turning it off and me turning it back on. Most of the time she would just give up and let me win.

The tractors I drove in my early days of helping Dad also did not have AC in them. Of course, they also did not have cabs which is the better option if you were not afforded the comfort of cool, conditioned air. One benefit of all of this primitive living (I did not know it was primitive while I was living it) was that I did have a high heat tolerance and that was a distinct advantage over my

town friends when football started up in August. The kids that had spent the summer in AC thought it was tortuously hot and I thought it just seemed normal. Fast forward to last week and the hay field. The AC went out of the tractor I bale with and just barely worked in the one I am mowing and raking with. I opened the wing windows up on the baler tractor and tried to deal with the heat. I did okay up to Tuesday and that is when it felt like I was in a blast furnace. You know it is bad when it feels twenty degrees cooler when you get out of the cab and the outside temperature is hovering around one hundred degrees. I really would have liked to call a time out, but time was not in my favor. The old adage about making hay while the sun shines is true, but that sunshine makes my cab awfully hot. I just steeled myself against the heat and packed plenty of water. I was also sure this was not OSHA-approved but my safety officer and HR person told me to suck it up. Suck it up is exactly what I did, and I got most of the hay baled before the rain.

Days like that do make me aware of just how soft modern machinery has made me. Dad would have baled small square bales without AC and then stacked them in the barn. Here I was whining about no AC while I was rolling up big round bales and then moving them with the tractor. For the record that tractor also has the AC out, but it also has a broken back window I have not replaced. Sometimes procrastination does work to my advantage.

The bottom line is that no matter how much we wish for the good old days, a lot of us probably would not survive them if we went back to that way of life. I have no doubt I would be much thinner, healthier, and better adapted, but the idea of throwing square bales in the heat makes me appreciate my soft existence. Also have no doubt that the parts for the AC were ordered and are currently being put in so that I might enjoy cooler air for the rest of hay season. I am soft and proud of it.

Country Chuckles by Jonny Hawkins



"No, I'm a cucumber dog. All the corn dogs come from Iowa."



"WELL, YOU CAUGHT ME... I SLIPPED OFF TO GO FISHER... BUT AT LEAST I KNOW WHAT YOU'RE MAD ABOUT."

Big Dry Syndicate

Since 1954

## GRASS & GRAIN

Published by AG PRESS

785-539-7558  
Fax 785-539-2679

Publisher/Managing Editor — Donna Sullivan  
gandgeditor@agpress.com

— Advertising Staff —  
Briana McKay  
briana@agpress.com

**GRASS & GRAIN (USPS 937-880)**  
The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas and additional offices. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505.

**Subscription** — \$80 for 2 years. \$43 for 1 year, plus applicable sales tax. Outside Kansas, \$53 for 1 year, \$99 for 2 years.

**MEMBER OF Associated Press**

[www.grassandgrain.com](http://www.grassandgrain.com)

# KDA seeks nominations for Kansas Ag Heroes

Throughout the state, there are outstanding Kansans who make tremendous contributions to Kansas agriculture. Nominate one of those outstanding Kansans to be recognized as one of the 2023 Kansas Ag Heroes at this summer's Ag Growth Summit!

Each year, the Kansas Department of Agriculture honors remarkable Kansans and share the stories of their outstanding service from across the Kansas agriculture community. Kansas Ag Heroes was established

as a way to recognize those in the agriculture industry who went above and beyond to serve others and better their community.

KDA encourages you to nominate any individual, family, or business in Kansas agriculture which you feel provided a notable contribution to the agriculture industry or their community as a whole this year. Nominations will be accepted through August 11. The nomination instructions can be found at [www.agriculture.ks.gov/](http://www.agriculture.ks.gov/)

AgHeroes.

KDA leadership will review each nomination and will recognize a select number of agriculture heroes during the Kansas Governor's Summit on Agricultural Growth in Manhattan on August 17.

For questions about the Kansas Agricultural Heroes nomination process, please contact Auburn Wassberg at 785-564-6799 or [Auburn.B.Wassberg@ks.gov](mailto:Auburn.B.Wassberg@ks.gov).

# NCBA files motion to strike down WOTUS rule

NCBA and litigation partners filed a motion recently in the U.S. District Court for the Southern District of Texas asking the court to strike down the Biden administration's waters of the U.S. (WOTUS) rule in light of the Supreme Court's decision in Sackett v. EPA. The high court unanimously

ruled in late May that the Environmental Protection Agency (EPA) had overstepped its authority under the Clean Water Act.

"A full rewrite of the Biden administration's WOTUS definition is the only path to comply with the Sackett decision," said NCBA Chief Counsel Mary-Thomas Hart.

"NCBA is seeking summary judgement in our lawsuit against the Biden WOTUS rule and urging the Southern District of Texas to strike the rule from the books."

The Sackett case was not directly about agriculture, but the plaintiffs in the case were harmed by the EPA's overregulation of 4-H: youth and adults working together on experiential hands-on activities, feeling nurtured in a safe environment, learning to master new skills and abilities, and reflecting on how they are contributing to their environment and communities in a positive way.

The 4-H brand also provides confidence to parents that their children are participating in a program with standards of conduct and oversight. Every adult educator and volunteer is screened through the 4-H background check and trained by our agents to both follow and enforce our principles of community and code of conduct. This code guides all participants and leaders to think critically, behave safely, participate responsibly in our shared world, and practice good sportsmanship, honesty, and a helpful spirit to others. Whether it is a tractor safety class, an agriculture program in the classroom or a summer camp, the 4-H brand demonstrates consistent commitment to these historical ideals.

This summer, please consider visiting your

local county fair to encourage the local students to show off their projects and thank the volunteers you see guiding them along the way. And as you notice the 4-H clover promoting our

this issue.

Separate from the Sackett case, NCBA and a coalition of litigation partners also filed their own lawsuit against the Biden administration's WOTUS rule to block it from taking effect. The organization was able to secure injunctions in 27 states, including Kansas, to temporarily

halt the rule.

"NCBA has been fighting against overreaching WOTUS rules for years and this is just the latest example of how NCBA fights on every front, from Congress to the courtroom," said Hart.

# Kansas 4-H: Community clubs, county fairs and experiential learning for all

By Frances Graves, Director and Community Vitality agent, Wildcat Extension District

As county fair season begins across Kansas, thousands of families are putting the final touches on year-long 4-H projects to present to their community. When we think of 4-H, images of the fair often come to mind - youth in starched jeans leading goats, pigs or steer around a show ring, a child presenting a cake they made to a judge, public displays of vegetables grown, art created, and information learned. These projects are signatures of the 4-H model - "making the best better" through guided work that takes practice, provides feedback and opportunities for success, building confidence over time.

While county fairs and community clubs are the capstones of 4-H, it is also the guiding philosophy of all youth education delivered through K-State Research and Extension. One of the oldest and largest youth development organizations in the United States, 4-H was established at the turn of the

last century from an American societal commitment to collaboration for the well-being of communities through investment in youth through intentional program design and co-operation between local county, university, and national resources.

K-State, as the land grant university in Kansas, delivers youth education following the 4-H model through Research and Extension, which has staff in every county in Kansas. The founding cooperative spirit of 4-H is demonstrated through the nationwide resource network of land-grant universities, the co-governance of the program at the county and state levels and the participation of thousands of adult volunteers who join our commitment to teaching, learning, research and service to the people of Kansas, the nation and the world.

This summer, hundreds of students throughout southeast Kansas are learning to cook, sew, build rockets, and make art from our agents, educators, and volunteers. These summer school and camp programs follow the core principles

of 4-H: youth and adults working together on experiential hands-on activities, feeling nurtured in a safe environment, learning to master new skills and abilities, and reflecting on how they are contributing to their environment and communities in a positive way.

The 4-H brand also provides confidence to parents that their children are participating in a program with standards of conduct and oversight. Every adult educator and volunteer is screened through the 4-H background check and trained by our agents to both follow and enforce our principles of community and code of conduct. This code guides all participants and leaders to think critically, behave safely, participate responsibly in our shared world, and practice good sportsmanship, honesty, and a helpful spirit to others. Whether it is a tractor safety class, an agriculture program in the classroom or a summer camp, the 4-H brand demonstrates consistent commitment to these historical ideals.

This summer, please consider visiting your

local county fair to encourage the local students to show off their projects and thank the volunteers you see guiding them along the way. And as you notice the 4-H clover promoting our

programs and educators, know that these opportunities are open to all students in Kansas with standards of learning and conduct that work to develop tomorrow's leaders today.

For more information, please contact Frances Graves, Wildcat District Director and Community Vitality Agent, [frances-graves@ksu.edu](mailto:frances-graves@ksu.edu) or 620-784-5337.



**Summer Subscription Special**

Start a **NEW\*** subscription to Grass & Grain, and we'll give you a discount AND pay the sales tax!

— Over \$6 in savings per year for the mail edition! —

**MAIL EDITION**

**1 Year - \$39 • 2 Years - \$73 • 3 Years - \$99**

Publishes weekly every Tuesday, 52 issues per year. Free email edition optional, email required.

**GRASS & GRAIN** makes a Great Gift!

Valid for NEW subscriptions only. Must be received by August 31st, 2023. \*Special Introductory Rate Only - Renewals after initial purchase will be at regular cost.

785-539-7558  
or online at:  
[grassandgrain.com](http://grassandgrain.com)

## SUBSCRIBE TO GRASS & GRAIN

**30x40x10**  
PAY AS LOW AS  
**\$37,250\***

**4" INTERIOR CONCRETE INCLUDED IN GARAGE PRICE!**

**GARAGE**

- (2) 9x8 INS. GARAGE DOORS
- STEEL BACK
- 115 MPH WIND LOAD
- (2) 3x3 WINDOWS
- (1) 3' 9-LITE ENTRY DOOR
- SOLEX LT / ROOF & SIDES
- 12" SOFFIT & FASCIA
- VENTED RIDGE
- 3' WAINSCOT

**QualityStructures.com | 800-374-6988**

*Building the Rural American Dream™*

**60x120x16**  
PAY AS LOW AS  
**\$97,770\***

**AG BUILDING**

- ONE 30'x16' SPLIT SLIDER
- ONE 3' ENTRY DOOR



**QSI**  
Quality Structures  
Richmond, KS

\*Price includes: Delivery and install on your level site. Travel charges may apply. Price Effective July 1, 2023 through July 31, 2023.



**KANSAS AG REPORT**

**Ken Rahjes, Host**

For TV Show times check your local listings or watch at [kansasagreport.net](http://kansasagreport.net)

**Never miss an issue of**

# GRASS & GRAIN

*Subscribe or renew today!*

New Subscription \_\_\_\_\_ Renewal \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Activate Online Edition? \_\_\_\_\_

**\*\*Online Edition is FREE with purchase of Print Subscription; Email is required.\*\***

**In-State Print Edition Rates:**

1 Year; \$43 + additional sales tax \_\_\_\_\_

2 Years; \$80 + additional sales tax \_\_\_\_\_

3 Years; \$111 + additional sales tax \_\_\_\_\_

**\*\* SALES TAX DETERMINED BY COUNTY AND MUST BE INCLUDED TO RECEIVE FULL YEAR. CALL IF UNSURE.\*\***

**Out-Of-State Print Edition Rates:**

1 Year; \$53 \_\_\_\_\_ 2 Years; \$99 \_\_\_\_\_ 3 Years; \$138 \_\_\_\_\_

**\*\*Call for info about our 1st Class or Online Only rates\*\***

Check/Cash Enclosed: \_\_\_\_\_

or

Credit/Debit Card:  
Visa, Master Card, Discover, American Express

- - - - -

Expiration Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

V-Code (3 digits on back of card): \_\_\_\_

Signature: \_\_\_\_\_

**Mail to: P.O. Box 1009, Manhattan, KS 66505**

**OR Stop by the office: 1531 Yuma St., Manhattan, KS 66502**

**1-877-537-3816**

# GRASS & GRAIN Our Daily Bread

\*\*\*\*\* By G&G Area Cooks \*\*\*\*\*

Janet Jehle, Baldwin City, Wins This Week's Grass & Grain Recipe Contest And Prize

Winner Janet Jehle, Baldwin City:

### WHITE CREAM SAUCE FOR PEAS & POTATOES

2 cups non-fat dry milk  
1 cup sifted flour  
3 teaspoons salt  
1 cup butter  
Small red potatoes (from the garden or store-bought)  
Peas (from the garden or store-bought)

Combine non-fat dry milk, flour and salt. Using a pastry cutter, cut in butter; set aside. Dig small red potatoes (or buy in store). Pick peas from the garden (or buy in store). Boil potatoes until almost soft. Add peas. Boil all until cooked. Drain some water. Stir in dry milk mixture until all peas and potatoes are covered. Enjoy!

Amy Feigley, Enterprise: "This recipe comes from the Walsburg Lutheran Church cookbook."

### RITZ CRACKER CHICKEN CASSEROLE

4 cups cooked chicken  
1 can cream of chicken soup  
1 cup sour cream  
1 package Cheddar cheese  
1/2 teaspoon onion powder  
1/4 teaspoon garlic powder  
1/4 teaspoon salt  
1/2 teaspoon pepper

#### Topping:

2 sleeves Ritz Crackers  
1/4 cup melted butter

Preheat oven to 350 degrees. Mix the casserole ingredients together and place into a greased casserole dish. Crush 2 sleeves of Ritz crackers and mix with 1/4 cup melted butter. Top chicken with the cracker and butter mixture. Bake for 35 minutes.

Note: I have made this ahead and put it into the freezer. It does freeze well.

Kellee George, Shawnee:

### ZUCCHINI JAM

6 cup shredded zucchini  
1 cup crushed pineapple  
1/2 cup lemon juice  
1 package Sure-Jell

6 cups sugar  
6-ounce package apricot gelatin

Peel and grate zucchini. Drain for 1 hour. In a saucepan add zucchini, pineapple (undrained), lemon juice, Sure-Jell and sugar. Bring to a boil and boil hard for 10 minutes, stirring constantly. Stir in apricot gelatin. Let cool then freeze in containers. Or you can put in sterilized jars and seal.

Loretta Shepard, Helena, Oklahoma:

### TAKE-ALONG CAKE

1 package chocolate cake mix  
12-ounce package semi-sweet chocolate chips  
1/4 cup butter, melted  
1/2 cup brown sugar (packed)  
1/2 cup chopped pecans

Preheat oven to 350 degrees. Grease and flour a 9-by-13-inch pan. Prepare cake mix as directed on the box; add chocolate chips to batter. Pour into prepared pan. Drizzle melted butter over batter then sprinkle with brown sugar and top with pecans. Bake 45 to 55 minutes or until toothpick inserted in center comes

out clean. Makes 12 to 16 servings.

Rose Edwards, Stillwater, Oklahoma

### ORANGE SALAD

2 boxes tapioca pudding  
1 small box orange gelatin  
2 cans mandarin oranges, drained  
8 ounces Cool Whip

In a saucepan add 3 cups cold water to gelatin and tapioca. Stir constantly until it comes to a boil. Let cool. Blend Cool Whip into gelatin mixture. Add mandarin oranges. Pour into a bowl and let set a few hours in refrigerator.

Jackie Doud, Topeka:

### PEACH CRISP FOR ONE

1 Dole single peach fruit cup  
2 tablespoons oatmeal  
1 tablespoon brown sugar  
1 teaspoon butter  
Dash cinnamon

Pour peach cup into small cup or ramekin. In a bowl mix oatmeal, brown sugar, butter and cinnamon. Mix with fork to crumble. Sprinkle over top. Bake at 375 degrees for 15 minutes.

Millie Conger, Tecumseh:

### LIME SALAD

12 large marshmallows  
1 small can crushed pineapple, drained  
1 small box lime gelatin  
1/2 cup chopped pecans  
1 small carton cottage cheese

Drain pineapple and save juice. Put gelatin, marshmallows and pineapple juice in heavy saucepan and heat over low heat until marshmallows are melted. Cool mixture. Whip cream until thick and fold into gelatin mixture from saucepan. Fold in pineapple, cottage cheese and pecans. Pour into large bowl and chill until firm.

Kimberly Edwards, Stillwater, Oklahoma: "This is good on hamburgers."

### SAUERKRAUT SALAD

1 medium can sauerkraut, drained  
1 cup onion, diced  
2-ounce jar pimiento, chopped  
1 cup sugar  
1 cup celery, diced  
1 bell pepper, diced

Mix all ingredients. Cover and refrigerate 24 hours before serving.

## Preserving Your Garden Bounty

Holly Miner, Nutrition, Food Safety and Health Agent, Wildcat Extension District

Do you enjoy gardening and eating freshly grown produce? Join Wildcat Extension District Family and Consumer Science agent, Holly Miner at a food preservation class to learn the science behind the processes and how and why it is safe to eat canned food.

These programs are a great opportunity to learn about food preservation and the latest recommendations. Participants will learn the most up-to-date information on safely preserving food at home. Information will focus on the water bath and pressure canning methods. Each participant will help prepare and process the foods to take home a jar to enjoy.

Classes will be held as follows:  
• July 27 from 5:30-8:30 p.m. at the Crawford County Extension office  
• August 22 from 5:30-8:30 p.m. at the Independence Community College Fab Food Lab  
• August 24 from 5:30-8:30 p.m. at the First National Bank in Fredonia 4-H Learning Center at Old Iron.

An additional class will be held at the Independence Public Library August 2 starting at 6 p.m. This will not be a hands-on class.

Classes are open to adults and older youth. Due to grant funding, the class fee has been reduced to \$15 per participant. Please pre-register at [www.bit.ly/Wildcatpay](http://www.bit.ly/Wildcatpay) or by calling 620-331-2690 at least one week in advance to the class date.

For more information about nutrition, food safety or health contact Holly Miner at [hminer@ksu.edu](mailto:hminer@ksu.edu) or call 620-331-2690.



## Feeling Real?

By Lou Ann Thomas

We've been hearing a lot about Artificial Intelligence. It has captured not only headlines, but our concerns about what it might mean for us - human beings with limited, mushy brains. I have so many questions about AI.

The first question I have is what exactly is Artificial Intelligence? Well, it is not like the knowledge I briefly acquired cramming for my geology final in college. I may have passed the exam but forgot everything I knew as soon as I walked out of the classroom. The computer systems that are performing AI don't forget - ever. Nor do they become bored or tired of repeating the same processes or language over and over, ad nauseum. They learn through repetition and without human prejudice or arrogance, can easily shift, grow and create new connections and solutions through the knowledge bank they acquire. Today's AI can create realistic text, images, music and other media. What tomorrow's AI may be able to do is likely beyond our human imagination.

Since Artificial Intelligence is all about data, it excels at detail-oriented jobs and has proven to be as good or better than doctors at diagnosing some cancers, like breast cancer and melanoma. It can make warehouses more efficient and can process loan applications and detect fraud better than humans. On the farm, computers are already helping us plant, track, turn irrigation systems on and off, and harvest our crops.

But can AI write a newspaper column? I tested Google's experimental system, Bard, by asking it to write a 200-word essay about farm life. I was feeling smugly arrogant as I waited. However, I didn't wait long. Within 10 seconds

Bard delivered this essay: "Farm life is a hard life, but it is also a rewarding one. Farmers work long hours, often starting before sunrise and working until after sunset. They are responsible for the care of their animals, the planting and harvesting of their crops, and the maintenance of their equipment. It is a physically demanding job, but it can also be very fulfilling.

"One of the best things about farm life is the sense of community. Farmers often live and work in close proximity to each other, and they rely on each other for help and support. They also have a deep appreciation for the land and the animals they care for.

"Of course, there are also challenges to farm life. The weather can be unpredictable, and there is always the risk of crop failure. Farmers also have to deal with pests and diseases, and they have to compete with other farmers for market share.

"Despite the challenges, farm life is a way of life that many people find deeply satisfying. Farmers are the backbone of our food system, and they play an essential role in feeding the world."

Other than a couple edits for grammar, it's good. In fact, it took Bard less time to write the essay than it took me to copy and paste it into this column. Knowing I can easily and quickly be replaced by AI has me feeling unsettled. But, Bard didn't write about standing in awe at a beautiful orange and red sunset or the lift that early morning bird song offers.

Nope. Those are human feelings and to feel remains a truly human experience.

Check out Lou Ann's blog at: <https://louannthomas.blog>

## Need Senior Insurance?

- ★ Medicare Supplement
- ★ Long Term Care
- ★ Final Expense



**800-373-9559**  
**PHILLIPS INSURANCE**  
*Jim- The Answer Man!*

## Prize for AUGUST 2023

### "Our Daily Bread" Recipe Contest Prize



### Wildflower Oven Mitt & Potholder Set

Bring some of nature's beauty into your home with these Wildflower Kitchen Coordinates. The Oven Mitt & Potholder set features a coordinating floral print made of cotton. Machine care.

Send Your Recipes Today!

## Prize for JULY 2023 "Our Daily Bread" Recipe Contest Prize

### Cool or Warm Dip Server w/Lid



This Cool or Warm Dip Server with Lid is perfect for entertaining. For cool dips, simply put ice in the bottom vessel and for hot dips, add a small amount of hot water.

Made from Stoneware \* Measures 4 3/4-by-5 3/8 inches Dishwasher safe.

The winner each week is selected from the recipes printed. Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.

1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear. 2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery.

3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505. OR e-mail at: [auctions@agpress.com](mailto:auctions@agpress.com)



## BARN BUILDERS DT CONSTRUCTION

918-527-0117  
Free Estimates! All Workers Insured Est. 1977

30x50x10 enclosed.....Galvalume	\$12,300
12' slider, 1 walk door...Colored metal	\$13,300
40x60x14 enclosed	
2 12' sliding doors.....Galvalume	\$20,300
1 walk door.....Colored metal	\$21,700
40x100x16 enclosed	
20' split sliding door.....Galvalume	\$29,800
1 walk door.....Colored metal	\$31,800

Price includes labor and material.\*  
\*Due to material costs, prices are subject to change.

www.DTCBarns.com



Life doesn't stop for an injury.

**AVOID SURGERY! Use Your Body's OWN Stem Cells.**

- Knee arthritis
- Partially torn rotator cuff
- Degenerative disc disease
- Chronic Pain
- And more...

ARE YOU A GOOD CANDIDATE? CALL US TODAY! 785.320.4700

Schedule a **FREE** Consultation or Visit [KansasRMC.com](http://KansasRMC.com) to learn more.

**Kansas Regenerative**  
MEDICINE CENTER  
Manhattan • Kansas City



Champions Tour & Champion Seed Western Series

# KANSAS SUMMER NATIONALS

PRO ONLINE LEAGUE

syngenta

CHAMPION SEED

Champion Seed

**August 4&5 7pm**

FRI: \$20 Gen Adm • Gates Open at 3pm  
SAT: \$25 Gen Adm • Gates Open at Noon  
Weekend Pass \$40 • Kids 5 & Under FREE

Threshing Bee Grounds  
McClouth, KS  
3 BLOCKS SOUTH OF INTERSECTION OF K-16 & K92

913-683-9234 [www.mclouththreshingbee.com](http://www.mclouththreshingbee.com)  
COOLERS: \$20/WAY 14x14x14 SOFT SIDED COOLER ONLY (NO GLASS WILL BE PERMITTED)

**FRIDAY**  
Champion Tour Pro Modified 4WD Trucks - Super Modified 2WD Trucks - Modified Tractors - Fleece Performance Pro Street Diesel Trucks - MSTPA 6000 PF  
WS/NBP Sancrest Specialized 85 Limited Pro Stock Tractors - Tuff Wireless Pro Farm Tractors

**SATURDAY**  
Champion Tour Pro Modified 4WD Trucks - Super Modified 2WD Trucks - Light Limited Super Stock Tractors - Modified Tractors - Fleece Performance Pro Street Diesel Trucks - MSTPA 6000 PF  
WS/NBP Sancrest Specialized 85 Limited Pro Stock Tractors - Tuff Wireless Pro Farm Tractors  
No Way Man Diesel Limited Pro Stock Trucks - Sancrest Trailers 95 Limited Pro Stock Tractors

# Avoiding Some Food Preservation Mistakes

**Cindy Williams, District Extension Agent, Family & Community Wellness**

Recently, I conducted two Jams and Jellies workshops for the Meadowlark Extension District. This stimulated many questions of which I would like to address in my column today. Someone asked me, "Do people really do this?" Unfortunately, yes, so I would like to help correct any misunderstandings and help home canners to find a safer method of home canning. One of these unsafe methods of canning is making sun pickles.

The internet abounds with untested, and potentially unsafe canning recipes. Only use USDA tested resources. If you aren't sure, please contact me and I will be glad to help you determine if it's a tested, safe resource. A couple of ways to tell is to avoid any recipes that are older than 1994. Lots of testing and changes in processing times were re-evaluated and many changes made. Also, you can be sure it's a tested recipe if it's from any USDA tested site or source like K-State Research and Extension or any extension/university from other states like Purdue University, University of Nebraska, etc.

Again, if you aren't sure contact me and I would be glad to help you with this. Be very careful with recipe magazines and canning recipes as they may not be tested. Contact me and I would be glad to assist you with this.

Avoid sun canning or sun pickles. This is more common in the western part of Kansas, but still very unsafe. Along with that I need

to mention that sun tea is very unsafe for the same reasons.

Sun pickles is where you fill a jar with cucumbers, add salt, and then fill with cold water. Apply the lid and ring. Then the jar is allowed to sit in the sun each day until the water turns from clear (at the start) to cloudy (in the middle of the process) and then clear again (at the end). According to the recipe when the water becomes clear again, the pickles are ready to use.

This type of recipe is **NOT SAFE!!!!** Whether it's pickles, tea or canning, these types of recipes present a risk of illness linked to three major foodborne pathogens: E. coli 0157:H7, Clostridium botulinum, and Listeria monocytogenes.

Why is this type of recipe unsafe?

- \* The ratio of salt/water/cucumber is not defined. The precise ratio of these ingredients found in tested recipes allows good bacteria on cucumbers to grow and produce acid (and a safe product), and prevents pathogens (the harmful bacteria) from growing.

- \* The temperature inside a jar sitting in the sun could rise above 72 degrees F; too high for proper fermentation. High fermentation temperatures lead to spoilage or allow pathogen growth.

Another canning method that I get questions about is open kettle or oven canning. Open kettle canning has not been recommended for 30+ years. Open kettle canning involves heating the food to boiling, pouring it into the jar, applying lids, and allowing the heat of the jar to cause the lid to seal. The

food is not heated adequately to destroy the spoilage organisms, molds and yeasts that can enter the jar while you are filling the jar, and it does not produce a strong seal on the jar. These methods of open kettle and oven canning are **not safe!!!!** Just because the lid seals, doesn't mean it's safe. The time saved with open kettle or oven canning is not worth the risk of food spoilage or illness.

Oven canning may sound simple, but oven heat is not the same as heat from a boiling water bath or from steam bath or from steam in a pressure canner. Placing jars in the dry heat of the oven may cause the glass to crack and shatter causing injury to you. Dry heat is not comparable to the moist heat of a boiling water bath. Processing in an oven will not heat the contents in the coldest part of the jar in the same way as boiling water. Oven heat will not increase the temperature inside the jar above boiling to be adequate to destroy botulism spores in low acid foods.

Yes, people do these types of unsafe canning and if you have any concerns or questions about home canning of foods, please contact me as we have several free resources that would be helpful to you. Many of them are free and we also conducting pressure gauge testing of dial gauges only (not weighted gauges) for all brands of canners except All American canners

Got a question or concern? I can be reached at the Oskaloosa office by calling 785-863-2212. I hope to hear from you soon!



By Kelsey Pagel

## Everything At Once

As of the time of writing, tomorrow is the big teeth removal day! Back story: I've never had my wisdom teeth out. A month ago, one of them started causing intense pain. Went to the dentist, who gave me antibiotics to get rid of infection and referred me to an oral surgeon. Oral surgeon was a month out. So here we are a month later and tomorrow is the day.

I've never been put under so I'm incredibly nervous about it. And I don't do pain well so not looking forward to that. I've heard the horror stories, but I've also heard that if you take the pills and do the things, it's doable. I'll be glad to just have it done. Hopefully, by the time you're reading this, I have fully recovered and am four teeth less.

As predicted, everything hit on the farm at once. Broome seed, wheat harvest, hay, cows calving, weaning calves and the list goes on and on and on. We knocked out wheat harvest, broome seed is hopefully done and haying is plugging along. The cows keep calving and the calves weaned well. (We calve three times a year so the calves we're weaning are coming off a different group than the group that is calving-just thought I

should clear that up.)

There never seems to be a good time for extra things like wisdom teeth removal, but with the rain chances coming and broome and wheat done, it seems like a good couple days to get it knocked out.

My mother-in-law retired this spring and has been such a great help around the farm since. She jokes that she didn't retire, but had a career change. Which really isn't a joke because she is working more than full time on the farm. She has stepped into the raking position that allowed so much more to get done than without her. It is funny, though, how even though we've added another person, we still get in the house late at night. There's never enough time or people, you know that.

I can't remember if I told you or not, but early this spring before planting started, I decided to open the carpet fund. Our house is an old house that the previous owners added on a beautiful master bedroom upstairs and that allowed a dining room and bathroom to be added downstairs. There are very few walls in our house that have not been hit with a paint brush. Our master bedroom was the first to change colors shortly after we were married. The carpet was the next thing that I wanted to change, but I did not realize how expensive carpet was and we were deeply in debt at that point so it got put on the back burner.

Since that time, we've taken out a wall, remod-

eled our kitchen, painted almost everything and put new flooring down in kitchen and bathrooms. But the bedroom carpet is still hanging out unchanged, ten years later. This spring I decided that I was going to bake my way to new carpet; hence, the carpet fund was opened. I love baking with fresh-milled flour. I love the health benefits and I love the time I get in the kitchen. So I made a price list and started selling my products. Then planting started and it got pushed aside.

As the days start getting shorter, I get excited about it getting dark at 5. I'm quite aware most people don't like that, but I love it because it means less hours of work. I hate the cold that comes with it, though. But I'm looking forward to every waking hour not being consumed by working. I'm looking forward to having some more time to bake and do the house projects I'd like to do.

With that said, I hope we got the rain that is forecasted. I hope I have healed well and am four teeth less so I never have to worry about them again. I hope you are doing well and plugging along on your summer work. Until next time, grace and patience!

*Kelsey Pagel is a Kansas farmer. She grew up on a cow/calf and row crop operation and married into another. Kelsey and her Forever (Matt) farm and ranch with his family where they are living their dream and loving most of the moments. She can be found on IG & FB @teampagel.*

## Simple, Healthy Meals For Busy Families Program Coming To Clay Center

**Kaitlin Moore, Nutrition, Food Safety & Health Agent, K-State Research & Extension, River Valley Extension District**

Join River Valley District Livestock Agent Kaitlyn Hildebrand and Nutrition, Food Safety, and Health Agent Kaitlin Moore at the Family Life Center in Clay Center on Thursday, August 24 at 6 p.m.

Are you a busy family? Busy, young professional? Do you work in the field during harvest or help support someone who does?

If so, this is the program for you!

During the Simple, Healthy Meals for Busy Families Program Hildebrand and Moore will share tips for getting dinner on the table more quickly and how to keep foods safe while traveling to a remote job site. There will be a recipe demonstration and taste-testing opportunities.

This program will also include a recipe swap. Participants are asked to bring one copy of a go-to recipe they rely on during those

particularly busy nights or weeks. After the program, Hildebrand and Moore will combine these recipes into a single, convenient file for participants.

Families with children are welcome; there is a fenced-in playground just off the meeting space and highchairs are available.

The program fee is \$10. Please register by Monday, August 21 by calling the Clay Center Extension Office at 785-632-5335 or the Concordia Extension Office at 785-243-8185.

## Protecting Sweet Corn From Raccoons Expert Shares Tips For Raccoon Control

**By Maddy Rohr, K-State Research and Extension news service**

**MANHATTAN** — While they may be a more common pest in garbage, raccoons also target the home garden. It seems as though raccoons harvest sweet corn right before it is to be picked, so Kansas State University horticulture expert Ward Upham recommends fencing as a prevention method. "The only effective control measure I have had success with is fencing; either electric or kennel fencing," Upham said.

### Electric Fencing

To install electric fencing, use two or more wires, the first about five inches above the ground and the second four inches above the first (or nine inches above ground). Raccoons must not be able to crawl under, go between or go over the wires without being shocked.

Fence posts and insulators used for electric fences work well for this application.

"It is much easier to use the woven electric wire with strands of wire embedded than to use a solid metal wire. The woven wire is easier to bend around corners and to roll up when done for the year," Upham said.

Upham suggests using battery operated fencing rather than plug-ins.

"Start the charger before the corn is close to being

ripe. Once raccoons get a taste of the corn, they are more difficult to discourage," Upham said.

He encourages weed control around the wire to prevent them from intercepting the voltage.

### Kennel Fencing

Kennel fencing can also be an alternative protection from raccoons.

"Make sure that the panels are tied together well enough that raccoons can't squeeze through corners," Upham said.

A covering over the top may be needed if the raccoons figure out how to climb the panels.

Welded garden fence can work well for this.

Upham and his colleagues in K-State's Department of Horticulture

and Natural Resources produce a weekly Horticulture Newsletter with tips for maintaining home landscapes and gardens. The newsletter is available to view online or can be delivered by email each week.

Interested persons can also send their garden and yard-related questions to Upham at wupham@ksu.edu, or contact your local K-State Research and Extension office.

Links used in this story: K-State Horticulture Newsletter, <https://hnr.k-state.edu/extension/info-center/newsletters/index.html>

K-State Research and Extension local offices, <https://www.ksre.k-state.edu/about/statewide-locations.html>

**Building Solutions You Can Trust**

*"Experience the Difference"*



**Pre-Engineered Wood Frame Metal Buildings**  
Check us out online  
or  
**Call us today for a FREE ESTIMATE!**  
**Your Building. Your Dream. Your Way.**

**K-Construction Inc.**  
Alta Vista, KS  
**785-499-5296**  
[www.kcon.build](http://www.kcon.build)

## NEW Cookbook Available Now

★ Over double the pages, nearly double the recipes! ★



*For the first time ever, we've combined 2 years worth of unique & delicious recipes from "Our Daily Bread" (circa 2015-16) into one book of almost 200 pages. This includes a few 'vintage' recipes that were republished for our 50<sup>th</sup> anniversary in 2015. The book also contains an advertising directory for the first time.*

**Don't miss out, Order your copy of Volume 8 today!**

Call or stop by **GRASS & GRAIN** to order yours:

**785-539-7558**  
**1531 Yuma St • Manhattan, KS**  
**\$22/ea., + \$5 shipping to U.S.**

A Complete Cattle Feeding & Marketing Service

# TIFFANY CATTLE CO., INC.



Family Owned & Operated

Tiffany Cattle Company, with a total capacity of 32,000 head, is equipped to offer economies of scale and industry leading service to customers of any size.

### Production Services

Objective is simply: Least Cost Per Pound of Gain!  
Ration formulation and cost analysis, health program designed and maintained by veterinarian, special pens and attention to sick animals, feed financing and cattle purchasing available.

### Marketing Services

Marketing finished cattle is top priority at Tiffany Cattle Company. You have the option of selling on the cash market, forward contracting or grid pricing through multiple Kansas packers.

★ [www.tiffanycattle.com](http://www.tiffanycattle.com) ★

Follow us on at Tiffany Cattle Company

Tiffany Cattle Company 1333 S. 2500 Road Herington, KS 67449 (785) 258-3721	Tiffany Cattle West 758 Pioneer Road Marquette, KS 67464 (785) 546-2216	Shawn Tiffany - COO (785) 229-2902 shawn@tiffanycattle.com Shane Tiffany - CEO (785) 466-6529 shane@tiffanycattle.com Dennis Roddy - CFO (620) 767-2139 dennis@tiffanycattle.com Tanner Stucky - Asst. Mgr. (620) 214-0979 tanner@tiffanycattle.com
--	--	--

## A \$10 AD can sell a \$10,000 ITEM!

2004 WILSON STOCK trailer, 20', aluminum floor, rollup back door, well maintained. \$10,000. 785-539-XXXX

*14-word classified ad, \$9.80 per week. Discounts available on prepaid multi-week ads.*

GRASS & GRAIN Classifieds

Effective. Inexpensive.

785-539-7558 • [grassandgrain.com](http://grassandgrain.com)



## Ouachita River Float

In stark contrast to our thrill-a-minute, death-defying, white-water ride in the Colorado mountains I floated the Ouachita River (pronounced "O-wash-i-taw") once with my Arkansas native friend Duane.

My wife, young daughter and I had taken a week-long vacation, stopping at Silver Dollar City and Eureka Springs on the way. That was before Interstate 49, and US 71 was the only route through the Boston Mountains. If you ever drove that stretch of road, you know it definitely was not your typical U.S. Highway; no shoulders, with hairpins and switchbacks, and at that time it was a major route for log trucks

hauling timber to the mills in Fayetteville.

I was driving my 1976 Thunderbird (probably the heaviest one Ford ever built) and going down the southern slopes trying to stay far enough in front of the trucks was a challenge in that big heavy car. My tires were squalling around every switchback and I would check my rear-view which was filled up with a Mack Bulldog scowling at me atop that big silver radiator! At one point I spied a runaway ramp a little ways ahead and sped up enough to put some distance between that dang dog and my rear bumper and took that ramp at about 60 m.p.h.,

skidding to a stop to let that truck go past!

Arriving at the ranch at Board Camp, we had a good meal and nice evening visit after Duane got in from the hay field. Next day we took a drive down to De Queen to pick up some parts he needed, and since the ladies were with us, stopped in at a couple antique shops before heading back to the ranch, where we got our fishing gear packed, and the jon boat loaded up for our day-long float next day. That evening we drove to Poteau, Oklahoma. Polk County, Arkansas was still a dry county in 1989, and what's a fishing trip without a beer or two on a hot day?

We put into the Ouachita at the same bridge where, a few years before, I had bathed after helping him move from Kansas. As I loaded the cooler that contained our lunch and the bootleg beer into the boat, Duane gave instructions to where they were to meet us, at a primitive access point several miles down-stream, and estimat-

ed our time of arrival at 5-6 p.m. It was about 8:30 a.m. by the time we launched.

It was late August, hot and dry. They hadn't gotten much rain for a while and the river was low and slow. In fact, it was really low. Low enough that flat-bottomed boat struck ground often, and I am quite sure that we probably ended up carrying that boat almost as much as we rode in it! I was just thankful it wasn't any bigger than it was.

After a few miles downstream, a thunderstorm moved in and we beached the boat and took refuge on a gravel bar where we continued fishing for an hour or so. The rain quit, but the clouds lingered and as we were wet from the rain, we actually got a bit chilly. Not to worry, though, because after we had floated down another hundred yards or so, we had to carry the boat about a hundred feet to the next pool deep enough to float it. Warmed us right up.

Up to now the fishing was as slow as the river, and even in the deeper

pools, we had little luck catching anything. After lunch the clouds finally lifted and that August sun began beating down, turning that shower into a sauna. Then the flies found us!

The day dragged on. I was checking my watch, and refrained from asking "How much farther?" as I didn't want to seem ungrateful, and I could tell he was a bit disappointed in our negligible catch of fish, which by the end of the trip totaled one small catfish and two bass, about a half-pound each. This was a trip that my friend had been talking about for years, which he fondly remembered making several times as a kid, so I tried to stay as positive as I could manage.

We actually reached the designated point of extraction about an hour ahead of our recovery crew so we just napped and swatted flies, occasionally poking around in the shallow water at crawdads and mussels, sharing the old times at the Anchor D and watching for

cottonmouths.

The reason for my acute awareness of the snakes was that just about two nice pools back up the river I noticed one swimming across the river about 20 feet in front of us. Then I noticed another laying up in some tree roots on the bank, then another, and another. I had not even considered this was cottonmouth country on this entire trip, but now it seemed these things were everywhere.

Suddenly the boat rocked and I realized that my old saddle partner was casting across the swimming snake in an effort to snag it! I said, "Mister, there's only been one man in history that ever walked on water, but if you bring that snake into this boat, you're gonna see it happen today!"

It was the most exciting part of the trip!

Kirk Sours is a ranch manager and columnist in northeast Kansas. Email him at: [sours.kirk@yahoo.com](mailto:sours.kirk@yahoo.com)

## National legislation seeks to keep the food in U.S. food aid programs

Neighbors helping neighbors is a Kansas way of life – and it applies not only to combining a wheat field down the road for folks down on their luck, but also to those in need around the world. It was a Kansas farmer who first proposed the idea of sharing grain with countries in dire need nearly 70 years ago. Today, another Kansan – U.S. Representative Tracey Mann – is helping carry that torch by leading

legislative efforts to keep the food in now well-established U.S. food aid programs.

"Kansas wheat producers are proud to continue a tradition of championing food aid programs that provide high-quality wheat to those in need," said Kansas Wheat CEO Justin Gilpin. "These programs have saved lives and built goodwill all in one simple gesture, and we are proud to support

the push to keep the food in food aid."

Peter O'Brien, a young farmer and rancher from Cheyenne County, first suggested donating grain to countries in need during a county meeting in September 1953. Those comments sparked a grassroots movement, leading to the Agricultural Trade Development and Assistance Act in 1954, sponsored by U.S. Senator Andy Schoepel and signed into law by President Dwight D. Eisenhower – both Kansans.

The pillar of today's modern food aid programs was a common goal: provide people in developing countries with a secure

food source, and they will do more than survive. As their economies recover and thrive, they become new potential buyers of U.S. exports.

"America's international food aid programs have enjoyed bipartisan support for more than 65 years because they are simple, effective, and they feed millions of vulnerable people around the world each year," Mann said. "Through these programs, America fortifies our allies, counters the influence of foreign adversaries, creates new markets and trading partners, and stops wars before they start.

For decades, the implementation of food aid programs stayed true to this purpose, purchasing and donating U.S.-grown commodities, like wheat, to countries in need. Wheat has been a staple in the fight against global hunger, accounting for roughly 20 percent of the calories consumed globally. In recent years, however, the programs have shifted to transferring cash and purchasing commodities from foreign competitors with U.S. dollars.

"This shift has diminished transparency and accountability, reduced the procurement and shipment of American-grown food for hungry people, and jeopardized more than six decades of bipartisan support for our international food aid programs," Mann said.

To correct the course of U.S. food aid programs, Mann, who represents the Big First Congressional District, jointly introduced the "American Farmers Feed the World Act of 2023" with U.S. Representatives John Garamendi (CA-08), Rick Crawford (AR-01), and Jimmy Panetta (CA-19) on June 22.

The legislation seeks to ensure U.S.-grown commodities remain the cornerstone of international food aid by ending the Food for Peace program's utilization of cash transfers overseas – along with restoring transparency, accountability and efficiency

to the program.

"The American Farmers Feed the World Act of 2023 supports more Kansas wheat going to more people around the world who are in need," said Brian Linin, U.S. Wheat Associates Board of Directors member, Food Aid Working Group member, and farmer in Goodland. "This legislation is an opportunity to make sure taxpayer dollars are spent in a manner that truly makes an impact on global hunger. Commodities produced by U.S. farmers should always be the first choice when it comes to international food aid programs."

From casual conversations in St. Francis to press conferences outside the U.S. Congress, the principle of neighbors helping neighbors, particularly by providing secure access to food, remains an ideal Kansans will continue to champion.

"This bill puts a stake in the ground," Mann said. "It's a noble thing to feed hungry people, and we should use American commodities as we do it."

Learn more about wheat as a source of food security and assistance at <https://www.uswheat.org/policy/food-security-and-assistance/>. Learn more about the American Farmers Feed the World Act of 2023 at <https://www.uswheat.org/american-farmers-feed-the-world-act-of-2023/>.

### SEALED BID SALE

**JULY 21 DEADLINE**  
Midwest Land and Home Office, 325 C St., Washington, KS

### 111± ACRES WASHINGTON COUNTY LAND

**TRACT 1:** Approx. 76 acres. **TRACT 2:** Approx. 35 acres  
**Bidding Instructions:** 1) All offers must be received by July 21, 5PM at 325 C. St., Washington, KS. 2) Cash offers no contingencies. 3) Accept property "as-is", "where-is." 4) Possession subject to tenants rights. 5) All offers must be submitted on the Midwest Land and Home Sealed Bid Form. 6) Seller reserves the right to reject any and all bids. **Bid forms are available at the office of Midwest Land and Home or on our website. For more information or to view this property, contact Broker Mark Uhlik, 785-747-8568.**  
**Hog sites available for sale as well. Ask agent for details.**

Download our Midwest Land & Home APP or go to our website to get Bid Forms & Additional Information!

For Complete Details visit: [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)  
Stay up to date on auctions & listings  
LIKE us on Facebook: Midwest Land & Home.

**SELLERS:**  
**ALARON FARMS**

Mark Uhlik, Broker/Auctioneer O: 785.325.2740; C: 785.747.8568  
Jeff Dankenbring, Broker  
[www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)

### LAND AUCTION

**SATURDAY, JULY 29, 2023 — 10:00 AM**  
Blue Rapids City Hall — BLUE RAPIDS, KANSAS

### 562± ACRES MARSHALL COUNTY LAND

Located near Waterville, KS \* Selling in 6 TRACTS

ONLINE & PHONE Bidding Available - Register NOW!

Download our Midwest Land & Home APP on your device and Get Registered to BID ONLINE Today!

For Complete Details visit: [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)  
Stay up to date on auctions & listings  
LIKE us on Facebook: Midwest Land & Home.

**SELLER:**  
**PISHNY FOUR, LLC**

Jeff Dankenbring, Broker - 785.562.8386  
Mark Uhlik, Broker/Auctioneer  
[www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)

# SANTEE STEEL

---

Serving Clay, Cloud, Dickinson, Geary, Marshall, Morris, Ottawa, Pottawatomie, Republic, Riley, Saline, Wabaunsee, & Washington counties

---

## LOCAL BOYS - A FULL 3 YEAR WARRANTY. WE ARE NOT FROM OUT OF STATE.

DON'T WAIT TILL FALL TO ORDER YOUR BUILDING -  
WE MAY GET BOOKED UP

WE SERVICE OUR WARRANTIES, IF THERE IS A PROBLEM.  
LIST OF REFERENCES TO PROVE IT.

POST FRAMED POLE BARNs AND STUD FRAMED  
SHOP BLDGS FULLY FINISHED.

SHOP HOUSES, IMPLEMENT BLDGS, HAY BARNs & SO ON.

---

## GIVE CARL A CALL TODAY: 785-370-3189

## GRASS & GRAIN

is on **facebook**

COPIES OF **GRASS & GRAIN**

## Now In TOPEKA and CLAY CENTER

**Brickhouse Antiques;** - TOPEKA, KS  
- 3711 SW Burlingame Rd. (just off I-470) -

**The Feed Shed!**  
**Clay Center, KS**  
- 318 Lincoln Ave. -

**The Store;**  
**Leonardville, KS**  
- 104 E Barton Rd. -

**Dara's Fast Lane;**  
**Manhattan, KS**  
- 5321 Tuttle Creek Blvd. -  
- 8811 US-24 -  
- 1132 Pillsbury Dr. -

*Copies are also available at these businesses:*

**Bluestem Farm & Ranch;** 2611 W. HWY 50 - Emporia, KS

**Pioneer Farm & Ranch;** 427 NE 14<sup>th</sup> - Abilene, KS

*Or stop by the Grass & Grain offices:*  
- 1531 Yuma St., Manhattan, KS -

**Office Hours:** Mon.-Fri., 8:30 am-4 pm

## Farmers Mutual Hail funds FFA Scholarship for Rock Creek FFA member Kara Riffel

Farmers Mutual Hail Insurance Company of Iowa (FMH) is proud to announce its sponsorship of a \$1,500 Future Farmers of America (FFA) Scholarship for Westmoreland resident Kara Riffel, who is attending Kansas State University to study Animal Science.

Farmers Mutual Hail recognizes the importance of youth education in the agricultural industry because each generation brings advancements to farming practices and agriculture services that wouldn't be possible without research and education. That's why FMH supports the National FFA Organization and donates funds for 20 scholarships every year. FMH commends these young adults and their commitment to further improving the industry by pursuing their secondary education in an agricultural-related field and wishes them the very best in their future educational endeavors.

"FFA helped shape me into the person I am today. Without this organization, I would not be easily adaptable to new situations and figuring out different ways to step out of the box to attack new ideas," Riffel said. "I am extremely thankful for my time in the blue jacket and the people I have had the chance to meet."



## Wildlife Habitat and Soil Health Management Field Day planned for August 15

Together with No-Till on the Plains, the Kansas Soil Health Alliance is hosting a Wildlife Habitat and Soil Health Management Field Day on August 15th in Waverly from 8:30 a.m.-2:30 p.m. The field day will include a field tour, soil health demonstrations, and presentations. Those attending will meet at D&N Ag Farms at 2293 26th Road in Waverly for check-in and coffee and rolls from 8:30-9:00. The program will begin at 9:00 with Candy Thomas, NRCS regional soil health specialist and Doug Peterson, Country Crock Cover Crop Program coordinator, leading rainfall simulator and soil health demonstrations. The rainfall simulator is an eye-opening demonstration that shows the differences in infiltration, runoff, and erosion for various soil management systems. Attendees will also see Darin Williams' long-term no-till corn field and a wildlife food plot. While in the field, Darin will talk about his cropping system and utilization of food plots to attract and grow wildlife. There will also be a soil pit on site where Doug and Candy will be able to show the changes occurring beneath the soil

surface. Following the field tour, attendees will travel to the Waverly Community Center. Doug Peterson will present on stacking the benefits of a soil health system and provide basic information on the Country Crock Cover Crop Cost Share Program. Following lunch and open discussions, Darin will build on the morning field tour with a presentation on Building Relationships Between Wildlife Habitat and Production Agriculture. Darin will have a display showcasing the wildlife he's harvested from his ground. Included in it will be the buck he harvested in November 2022 that was named the winner of the 2022/2023 Buckmaster Deer of the Year. Rounding out the day will be a question-and-answer session with all the presenters. Thanks to sponsors Country Crock and Kansas WRAPS, the field day is free and open to all ages. To get an accurate meal head count, RSVP is appreciated by August 7th. Participants can register at [www.ksoilhealth.org](http://www.ksoilhealth.org), [www.notill.org](http://www.notill.org), or by calling 785-210-4549.

# Record-setting activity ebbs as real estate market slows down

The agriculture real estate market entered a period of de-escalation beginning in the fourth quarter of 2022. The market experienced a reduction in both sales volume and value growth since that time, as interest rates increased, and inflation pressures became more apparent.

That trend has continued into the first half of 2023 with fewer properties being offered for sale and market values that, while still strong, are dramatically off the pace seen in the first half of 2022.

Results from the Federal Reserve District Surveys reflect this trend between the third and fourth quarter of 2022 and now continuing into the first half of 2023. Value growth is still positive across the Midwest, but increases are now in the single digits instead of the double digits seen in 2021 and 2022.

Farm operators remain the largest group of buyers through Farmers National Company, accounting for nearly 80 percent of all land sale transactions.

"These operators have enjoyed a period of high liquidity over the past five years but are now moving into a period of increasing debt service and borrowing. This will most likely result in less available cash reserve to deploy for capital expenditures and land purchases," said Paul Schadeegg, senior vice president of real estate operations for Farmers National Company. "While investors have not always been the successful buyer of properties offered for sale, they certainly are part of the equation, helping set a floor on land values and creating a competitive market. If farm operators step back from aggressive bidding for land, investors will most likely step in to take advantage of purchasing options."

There continues to be a strong appetite for agriculture properties from individuals considering farm expansion and investment opportunities due to positive attributes of the ag economy. That overall bullish outlook for the ag economy will continue to drive the demand for high quality cropland, Schadeegg noted.

Commodity markets will remain the primary driver in land sale activity and value moving forward. "But with that being said, profitability is what will determine what the land market will bear. So, we must consider rising interest rates, inflation and supply chain into the overall picture," Schadeegg said. "Landowners continue to look for opportunity in the agriculture land market, deciding if this is the best time to sell at historic values or retain ownership of what continues to be a very valuable asset."

The sales volume at Farmers National Company through the first half of 2023 continues to exceed the five-year average but is slightly off the "exceptional" pace set in 2021 and 2022. Motivated buyers continued to drive bidding at late spring sales, resulting in stable and strong values across all classes of land, Schadeegg said.

"Looking ahead to the second half of 2023,

we anticipate strong competition for high quality land offered for sale. The overall U.S. agriculture economy is healthy with Midwestern banks reporting increased operational lending but strong loan performance and projections for a profitable 2023 growing season. Our pipeline for scheduled fall sales is beginning to fill at a typical pace with buyers and sellers of farmland

requesting information on upcoming sales," Schadeegg said.

"We remain confident that the strong demand for quality agriculture land will continue through the year. That opinion, coupled with the stable ag economy and a supply/demand scenario favoring the land owner, will maintain the current and long-term value of farmland across the U.S.," he added.

**LAND AUCTION**  
595+/- ACRES GREENWOOD COUNTY, KS

**FRIDAY, JULY 28, 2023 - 2:00 PM**  
AUCTION LOCATION: SAUDER COMMUNITY CENTER,  
110 S 1ST ST, MADISON, KANSAS

**NATIVE FLINT HILLS PASTURE**  
EXCELLENT WATER, LARGE 8 1/2 ACRE POND  
ROLLING TERRAIN \* SCENIC VIEWS \* GOOD ACCESS  
LOCATED NEAR THE LYON/GREENWOOD COUNTY LINE  
GREAT OPPORTUNITY TO INVEST IN LAND!

LAND LOCATION: From HWY 99 at Madison, west on 365th St 3 1/2 miles to T Rd, north 1/4 mile to 370th St, west 1 1/2 miles to the property.



**SUNDGREN REALTY**  
Land Brokers

**JOE SUNDGREN**  
316.321.7112

**JEREMY SUNDGREN**  
316.377.0013

Visit [www.sundgren.com](http://www.sundgren.com) for More Details  
**LIVE & ONLINE BIDDING AVAILABLE**



**KANSAS Soil Health ALLIANCE**  
KSOILHEALTH.ORG

Check out our  
**upcoming field days!**



**OKACD**  
Kansas Association of Conservation Districts

**Building Soil Health Field Day**

**July 20, 2023**  
8:30 a.m. - 2:30 p.m.

Hosted by Morris & Lyon County Conservation Districts

At Territory Ballroom  
117 E Main St Council Grove, KS 66846

Dennis Anderson - Field Tour and Soil Pit  
Candy Thomas, NRCS - Rainfall Simulator  
Darin Williams - Building Relationships between Wildlife Habitat, Production Agriculture, & Food Plots

RSVP for this **FREE** event is appreciated by July 10 to help with meal headcount.  
Registration options: [www.KSsoilhealth.org](http://www.KSsoilhealth.org)  
Call Tisha at 620-767-5111 Ext 101

---

**2<sup>nd</sup> Annual Summer Field Days**

**July 25-26, 2023**  
8:30 a.m. - 3:30 p.m.

Hosted by Ottawa, Dickinson, and Clay County Conservation Districts

Gove County 4-H Building  
757 W 3rd Street Grainfield, KS 67737

Roger Heier - Field Tour and Discussions  
Dr. Dave Rethorst, DVM - Health & Reproductive Performance in Cow-Calf Production Systems  
Jimmy Emmons - Changing our Soils Changed Our Lives

RSVP for this **FREE** event is appreciated by July 17 to help with meal headcount.  
Registration options: [www.KSsoilhealth.org](http://www.KSsoilhealth.org)  
Call Linda at 785-938-2270 Ext 3

---

**Regenerating the Soil with Cover Crops & Rotational Grazing**

**July 24, 2023**  
9:00 a.m. - 3:30 p.m.

Hosted by Gove County Conservation District

Both days at the Wells Community Center, Wells, KS

Learn from Jay Fuhrer, developer of the Five Soil Health Principles, as he provides hands-on education looking at cover crops, grazing livestock, and rangeland health.  
Candy Thomas, NRCS - Rainfall Simulator

RSVP for this **FREE** event is appreciated by July 17 to help with meal headcount.  
Registration options: [www.KSsoilhealth.org](http://www.KSsoilhealth.org)  
Call 785-545-5628

**SUBSCRIBE ONLINE!**



[grassandgrain.com](http://grassandgrain.com)

**DOUGLAS MITCHELL - "THE AC GUY"**  
REAL ESTATE & PERSONAL PROPERTY AUCTION  
SATURDAY, JULY 22, 2023 \* 9:00 AM  
912 E. Iron - SALINA, KANSAS

Newly remodeled 2 bed/1 bath with potential 3rd bedroom in finished loft space, central heat/air, unfinished basement, 2-1/2 car detached concrete block garage has separate electrical service, security system, central heat/air, alley access & well. Storage shed. 2022 taxes \$1,265.90.

Extra nice 2015 Ford F150 with only 15,913 miles 2000 Ford Ranger, 2002 Ford E150 service van, 1991 Chevy S10, 2019 Kawasaki Versey 1000 (646 mi.), 2002 Honda XR650L (2800 mi.), 2011 Carry-On Utility trailer, stove, refrigerator, washer & dryer. Bahleigh sheet metal brake, Jet foot shear, GMC Pittsburgh type lock former, welder & helmets, full & partial bottles freon, large assortment of HVAC equipment, tools & accessories, Craftsman riding mower, Squier by Fender Stratocaster, amplifier, speakers & accessories, air rifle, bows, furniture, household items & much more.

Go to: [SOLDBYWILSON.COM](http://SOLDBYWILSON.COM) For more info & Pics

**Wilson Realty & Auction Service**  
PO Box 1695, Salina, KS 67402-1695 \* OFFICE - 785-823-1177  
LONNIE WILSON, Owner/Broker/Auctioneer - 785-826-7800



**Jim Phillips with Phillips Insurance uses Grass & Grain to create awareness about his company.**

Jim has advertised in Grass & Grain for over 25 years.  
Look for his weekly ad in the Women's Pages!

**"Name recognition is important to a business. You have to have consistency with your advertising."**

**You could also be reaping the benefits of Grass & Grain advertising!**

**Don't hesitate, call today:**

**785-539-7558**

Or stop by to talk with one of our advertising representatives:

Since 1954

**GRASS & GRAIN**

**1531 Yuma St. • Manhattan, KS**

**GRASS & GRAIN**

**ONLINE ONLY**

**1 year - \$35** Other options also available

Arrives in your Inbox every Monday between 12-1pm  
Email is required.

TO SWITCH OR SUBSCRIBE CONTACT KEVIN:  
CALL 785-539-7558 • EMAIL: [agpress3@agpress.com](mailto:agpress3@agpress.com)  
Or stop by: 1531 Yuma St., Manhattan, KS

\*Online edition is FREE to all Paid Mail Subscribers



# Alumni create the Belstra Family Professorship in Feed Science at Kansas State University

Tim and Marta Belstra of DeMotte, Indiana, have invested in the grain science and industry department at Kansas State University by creating the Belstra Family Professorship in Feed Science.

Chad Paulk, associate professor of feed science and management, is the first to receive the award, which will support his research and teaching activities. Paulk's research focuses on feed processing, feed safety and monogastric nutrition, and he advises and mentors feed science undergraduate students and serves as Feed Science Club co-advisor.

"This endowment will



Marta and Tim Belstra recently created the Belstra Family Professorship in Feed Science at Kansas State University.

enhance my research, teaching and outreach in feed manufacturing, monogastric nutrition and feed safety," Paulk said.

"The additional funds will provide great help with travel, equipment needs and support of undergraduate and gradu-

ate students in my program. This support will help us fulfill our mission to provide excellent career paths to students while filling the employee pipeline within the feed industry."

K-State is the only degree-granting program in North America for feed science and management, milling science and management, and bakery science and management. Endowment gifts such as the Belstras' provide permanent support and stability for the department.

"This professorship helps tremendously to recruit and retain the highest quality faculty, such as Dr. Paulk," said

Hulya Dogan, interim department head. "While we are a recognized leader around the world, the endowed chair will undoubtedly raise the global stature and impact of the department to new heights and help us achieve our vision of being the global education, research and technology transfer leader for the grain and feed industry."

Tim Belstra earned his degree in feed science and management from K-State in 1971, and Marta Belstra graduated from K-State in 1972 with a degree in elementary education. Tim's family has been in the feed

business in Indiana since 1954.

"Dad followed K-State's feed program since its inception, and he hoped one of his sons would attend K-State. While I was at K-State, I met my best friend, Marta, and we've been together for 52 years," Tim said. "We support a scholarship in the grain science program and decided to help the department with a professorship. We hope this relieves a bit of the department's budget and allows for more growth in the program while retaining top-notch professors. Our family has been blessed, and one of life's joys is giving back."

# High school students learn to lead at K-State

Twenty students gathered on the Kansas State University campus recently to gain livestock industry knowledge and develop leadership skills. These participants comprised a cohort of the 14th annual K-State Animal Sciences Leadership Academy (KASLA) June 21-24 in Manhattan.

Hosted by the K-State Department of Animal Sciences and Industry (ASI) and sponsored by the Livestock and Meat Industry Council, the academy's goal is to develop young leaders within the

livestock industry and prepare them for a successful future in this field.

This year's class included: Joel Abell, Minneapolis; Carson Batteredton, Scott City; Kelcy Bergstrom, McPherson; Katherine Bruning, Geneseo; Grace Elliot, Bakersfield, Cal.; Noah Goss, Kanopolis; Mary Habjan, Linwood; Anniston Henning, Harper; Paityn Jahay, Moundridge; Elyse Louderback, Saint George; Lincoln Martin, Bucklin; Dagan Murray, Auburn; Faith Reinert, Esbon; Jacob Reisig, Lewistown, Mont.;



Pictured front row, from left are: Charlie Bestwick, staff; Corbin Winkle, Hillsboro, Ohio; Elyse Louderback, Saint George; Anniston Henning, Harper; Josi Schrader, Wells; Dagan Murray, Auburn; Grace Elliot, Bakersfield, Ca.; Kelcy Bergstrom, McPherson; Paityn Jahay, Moundridge; Shelby Smith, Fredonia; Noah Goss, Kanopolis; Faith Reinert, Esbon. Back Row - Tate Anderson, staff; Ashley Hartman, staff; Mary Habjan, Linwood; Maddie Weaver, Wamego; Joel Abell, Minneapolis; Jacob Reisig, Lewistown, Mont.; Carson Batteredton, Scott City; Lincoln Martin, Bucklin; Casey Jo Stevens, Zephyr, Texas; CadiJohn Rivera, Lincoln, Neb.; Katherine Bruning, Geneseo; Macie Weigand, staff; Sharon Breiner, staff.

CadiJohn Rivera, Lincoln, Neb.; Josi Schrader, Wells; Shelby Smith, Fredonia; Casey Stevens, Zephyr, Texas; Corbin Winkle, Hillsboro, Ohio and Maddie Weaver, Wamego.

During their time at the KASLA, students participated in interactive leadership development and educational lab sessions from across the K-State campus. The KASLA included several livestock industry tours. Students enjoyed tours of university farms and K-State facilities as well. Participants completed the college experience by dining at the K-State Alumni Center, completing the K-State Challenge Course and staying in Marlatt Hall.

For their final project, the students were divided into groups during the

week to focus on current issues affecting the livestock industry. Faculty mentors from the K-State ASI assisted each group. Using information they learned throughout the academy, the groups were asked to present their subject as part of the closing reception on the final day. About 100 family, friends and members of the K-State community gathered for the closing reception to honor the graduates and hear their thoughts on these important livestock issues.

You can find out more information about the academy and future programs by visiting Youth Livestock Program. For questions, contact academy director Sharon Breiner at sbreiner@ksu.edu or 785-532-6533.

**PERSONAL PROPERTY AUCTION**  
**SATURDAY, JULY 22, 2023 — 10:00 AM**  
*Chevy Pickup • Zero Turn Mowers • Tiller • Tools • Furniture • Household Items*  
**239 Elm Street, WATERVILLE, KANSAS 66548**  
*\* Truck & Mowers sell at 11:30 \* LUNCH SERVED*  
**2006 CHEVROLET DIESEL PICKUP, ZERO TURN MOWERS, TILLER, SNOWBLOWER, PRESSURE WASHER, MOWER LIFT, SWAY BAR KIT, TOOLS, EQUIPMENT, POSTS, CATTLE PANELS, FURNITURE, TVs, OFFICE EQUIPMENT, FLOOR RUGS, TREADMILL, FREEZER, HOUSEHOLD, COLLECTIBLES, GRILL, BICYCLES**  
**VERY LARGE AUCTION ... LOTS ITEMS NOT LISTED!**  
 Prellrealtyauction.com to see COMPLETE sale bill & photos  
**SELLERS: PIERCE & JENNI HOLLIMAN**  
**PRELL REALTY & AUCTION, LLC • prellrealtyauction.com**  
 AUCTIONEERS  
 Don Prell: 785-562-6787 \* Steve Prell: 785-713-2191 \* Dave Bures: 402-239-9717

**topline** STEEL BUILDINGS  
**(800) 369-3882**  
[www.toplinebuildings.com](http://www.toplinebuildings.com)  
[sales@toplinebuildings.com](mailto:sales@toplinebuildings.com)  
**STEEL BUILDING INVENTORY SALE**  
 I-Beam Construction  
 Easy Bolt-Up Design  
 40x65 • 60x90 • 100x150 • Many Others Available

**SHORT ON WATER ?**  
**Two Alfalfas in One**  
**Plant On Dryland Plant If Your Pivot Only Pumps 400gal/**

**On the Market since 1979 (and still unbeatable)**  
**Never a Report of Winter Kill**  
**We are a non-GMO seed house! Never a positive hit for GMO**  
**When Planting Dryland Alfalfa always use coated seed! (Let us prove it!)**

**Greenway 360-D Alfalfa**  
 This Alfalfa has been called a tetraploid anomaly by alfalfa breeders. On the market since 1979, and being improved twice, It remains the highest yielding, low water alfalfa on the market!

**HERE'S WHAT GROWERS ARE SAYING:**

"We planted 360-D on our worst piece of ground. It was rocky and could not produce wheat over the last 8 years. 360-D really impressed us and the neighbors. Because of the coated seed we got a beautiful stand. The yield is amazing. We want more 360-D" Roger Rawle - Alliance, NE

"360-D outyielded the Pioneer variety by one third! The average yield in our area is about 3.8 ton. 360-D yielded 5 ton. 360-D will be our first choice in varieties." John Yoder - Hutchinson, KS

"In the future we will plant all of our dryland and part of our irrigated acreage to 360-D. It is a very aggressive variety. With this variety we can now plant our higher, thinner, drier soil!" Treg Fisher - Beaver City, NE

"It is nice to deal with people that are more than fair! The 360-D was way better than our competitive variety!" Jim Dye - Alliance, NE

"We planted 360-D in an irrigated pivot that was very short on water. Side by side was a pivot with normal water. The 360-D yielded with the well irrigated adjacent field! No difference in yield!" Ryan Telford - Richfield, ID

**Alan Greenway Seedsman**

**50 Years Experience**  
 Greenway Seeds  
 Caldwell, ID  
 Alan Greenway  
 208-250-0159 (cell)  
 208-454-8341 (message)

✓ Will produce **AT LEAST 80%** of crop with 50% of water  
 ✓ Will produce a subsequent cutting after water is gone  
 ✓ Plant on dryland/ guaranteed to out yield Ranger or Ladak  
 ✗ ✓ Plant under pivots that only pump 400 gal/  
 ✓ Plant on fields that have only early season creek water  
 ✓ Plant under end guns on pivots  
 ✓ Plant in the late fall with your dormant seeded grasses

✗ **Plant in your pivot corners. Two ton bonus per acre per year.**

**"Modern forages sold nationwide"**  
**GREENWAY SEEDS**  
[www.greenwayseed.com](http://www.greenwayseed.com)

Since 1954  
**GRASS & GRAIN**  
 Place a classified ad or subscribe online at [grassandgrain.com](http://grassandgrain.com)

**TRI-RIVERS FAIR**  
**AUGUST 9-12 • Salina, Kansas**  
 Fairgrounds & Tony's Pizza Event Center  
**MAIN EVENTS: 2023!**  
**PARADE • Tuesday, August 8 - 7:00 PM**  
**DEMOLITION DERBY • AT SALINA SPEEDWAY**  
**Saturday, August 12 - 7:00 PM**  
**Gates open @ 6:00 PM**  
**DRAFT HORSE PULL - Ag Hall**  
**Saturday, August 12 • 7:00 PM**  
**CARNIVAL • Wednesday-Saturday, Aug. 9-12**  
**Opens at 6:00 PM**  
 FOR A COMPLETE LIST OF EVENTS, VISIT [TRIRIVERSFAIR.ORG](http://TRIRIVERSFAIR.ORG)

**We Support the Tri-Rivers Fair**

**THE BENNINGTON STATE BANK**  
 "Your Trusted Hometown Bank"  
 Salina • Bennington • Minneapolis • Lucas • Sylvan Grove • Wamego  
[www.bsbs.com](http://www.bsbs.com)

**FARMERS & RANCHERS LIVESTOCK COMMISSION CO., INC.**  
 West on Hwy. 140, Salina, KS  
 Phone: 785-825-0211 • Fax: 785-826-1590  
[www.farmersandrancherslivestock.com](http://www.farmersandrancherslivestock.com)  
**SALES MONDAY & THURSDAY**  
**HOGS & CATTLE — Every Monday at 10:30 AM**  
**CATTLE ONLY — Every Thursday at 10:00 AM**  
**Mike Samples, Sale Manager**  
 Abilene, Kansas  
 Cell: 785-826-7884  
**Kyle Elwood, Asst. Sale Manager & Auctioneer**  
 Cell: 785-493-2901





We had a press conference in Wichita for Sod and Stubble. It was held in the presidential dining room at Friends University.

Nice.

Our writer/director, Ken Spurgeon, is a professor at Friends, which is part of the reason we're filming in the sultry summertime – teachers get time off.

Our lead actors took to the microphones – Bailey Chase, Dodie Brown, Mary McDonough, and Darby Hinton.

With TV cameras rolling, they shared their feelings about this project and the people involved. Overwhelmingly, their comments focused on the hospitality, the commitment, and the passion about sharing this story.

## USDA expands risk management options with greater enterprise unit possibilities

The U.S. Department of Agriculture (USDA) is expanding its insurance coverage options for specialty crops and other actual production history (APH) crop programs. Through its Risk Management Agency (RMA), it will expand the availability of enterprise units to crops where they were previously unavailable, giving agricultural producers greater options to manage their risk.

An enterprise unit allows a producer to insure all acres of the insured crop in the county together, as opposed to other unit structures that separate the acreage for insurance. Enterprise units are attractive to producers due to lower premium rates offered to recognize the lower risk associated with the geographic diversification. In general, the larger the enterprise unit, the lesser the risk, and the greater the enterprise unit discount.

"We want to make sure we are giving the nation's agricultural producers the strongest risk management tools possible – and one of those is flexibility," said Marcia Bunger, administrator for the Risk Management Agency. "This expansion of enterprise units gives producers more choices for how they can protect their operations and themselves best. That is our ultimate goal."

This furthers RMA's efforts to improve and expand the insurance pro-

It is not the norm in the world of film-making (or probably any other industry, for that matter).

Mary also commented that while many folks traveled from other areas, so much of this talent is home-grown.

HOME-GROWN TALENT.

Someone asked me the other day what our state's biggest export is. I do not hesitate: TALENT.

In every field, our young people go to other places to find opportunities.

Let's change that. In every industry, let's create opportunity. That includes entertainment as well as agriculture and banking.

And I am more than happy to say that for the record.

gram for specialty crops as required by the 2018 Farm Bill. Moreover, this expansion also meets producer requests for enterprise units for other APH crop insurance programs. The initial set of targeted crops can enjoy this new option as of June 30, 2023. RMA plans to expand to dozens more specialty and other APH crop programs with these benefits in the coming months.

"This expansion of enterprise units provides more producers the same options for discounted insurance coverage as row crops," Bunger added.

The following crops will have enterprise units available beginning with the 2024 crop year:

- Alfalfa seed
- Cultivated wild rice
- Forage production
- Mint\*
- Onions\*
- Potatoes\* (Enterprise units will be available in California for the 2025 crop year)

\* Denotes specialty crop

### More Information

Crop insurance is sold and delivered solely through private crop insurance agents. A list of crop insurance agents is available at all USDA Service Centers and online at the RMA Agent Locator. Learn more about crop insurance and the modern farm safety net at [rma.usda.gov](http://rma.usda.gov) or by contacting your RMA regional office.

## Make time for post-harvest hay field evaluations

By David Hallauer, Meadowlark District Extension Agent, Crops and Soils

Harvest for hay may be a greater stress on our forage stands than we'd like to give it credit for. We know from grazing studies if we remove 80 percent of a plant's leaf area, we stop root growth for as long as 12 days. Haying often does that – and maybe more.

Now is a good time to return to previously harvested stands for a follow-up look as to how they are responding. With any luck, recent moisture events and cooler temperatures have helped the recovery process. As you walk across stands, make a men-

tal note of areas where regrowth is occurring – and where it is not. Soil type differences are a major factor affecting grass recovery and regrowth levels highlights those differences rather vividly. Ground truth soil type differences by taking soil cores across the field to compare soil depth and moisture.

It's also a good time to check post-harvest weed pressure. It's not uncommon to get a few ironweed scattered across a field and often a few broad-leaf weeds won't do much harm. If those weeds are hemp dogbane or sericea, however, a post-harvest or late summer treatment plan may be of value. Keep

an eye on the grasses you are seeing as well. Just because it's green doesn't mean it's our desired cool season grass. Summer annual grasses (foxtail, etc...) have increased in many stands, and while there may not be enough to worry about, they can take up valuable moisture cool season grasses will need to recover. Sedges have increased in many stands as well. Monitor invasive grass like weeds now so they don't become larger issues later.

Last but not least, monitor for insect feeding. Fall armyworm moths are likely present in the southern reaches of the state, and while our trap-

ping network here in NEK (four sites in two counties across the District) has yet to yield evidence of moth flights, it's good to look for feeding. Most stands can tolerate a little feeding, but stressed stands in particular can be heavily damaged when feeding is heavy.

There are a lot of factors that will affect next year's hay crop – and some of them are influencing that stand already. Evaluations now can help us better manage some of those influences for the positive, while giving us a head start on management for next year as well.

## Water issues when ponds are low

By Kaitlyn Hildebrand, River Valley Extension District Livestock Production agent

Anyone who has spent time working outside in the summer knows the importance of drinking adequate amounts of clean water to keep heat-related illnesses away. Just like people, cattle will increase their water consumption in the summer, and that source needs to be well maintained for optimum health. K-State experts give thoughts on how to adequately provide water to cattle once ponds start to dry up. One source of water that many producers turn to for cattle out on summer pastures is ponds. And like any water source, they must be monitored for quality and quantity as the summer progresses.

As ponds start to get low on water, the cattle are sourcing the water from a smaller access point, so it is important to monitor them. Accessibility to the water can be an issue depending on the shape of the pond. Deep ponds can have steep sides that make it difficult for the cattle to reach and leave the water source. There are also increased health risks when cattle are drinking from depleted water sources. The water quality of the pond should be tested for total dissolved solids (TDS), sodium, sulfates, and nitrates/nitrites. Total dissolved solids (TDS) have a great effect on the palatability of water and therefore water consumption. In general, TDS concentrations should be less than 1,000 ppm (parts per million). High sulfur (S) concentrations reduce feed and water intake in animals resulting in a reduction of growth and performance. It is recommended that water for livestock consumption contains less than 500 ppm sulfate with a maximum safe level of 1,000 ppm. Nitrate/nitrite contamination of water can occur from a variety of sources, but drought conditions can increase water concentrations. Water nitrate concentrations should be less than 400 mg/L and nitrite concentrations should be less than 100 mg/L which should not cause poisoning in livestock.

During periods of hot and dry conditions, the rapid proliferation of blue green algae (Cyanobacteria) in water is more common. Stagnant water conditions and high levels of nutrients increase the potential for bloom formation. Blue green algae blooms can reduce water

quality and intake and be potentially toxic. Windy conditions can concentrate algae blooms along water edges increasing the risk of ingesting algae. If algae blooms are noticed, testing of water for toxins is recommended as not all algae blooms produce toxins. Cyanobacteria can produce toxins that can affect the liver and nervous system.

Once ponds are no longer viable watering options, it is time to look for other solutions. A temporary solution is to haul water in tanks to the pastures where the cattle are. It is critical that the water tank only be used for storing water and that no amount of rinsing will fully clear the chemicals from a tank that was used for something else prior to hauling water. The plastic polymers in the tank may hold onto the nitrates and you cannot dilute them enough through rinsing to ensure that it won't kill cattle. If the tank has been used for something besides water, it is no longer a viable option for water. Another solution to a possible pond dry-up is to look at the grazing rotation of the herd. Producers may need to graze a pasture with the pond earlier in the season to use that water source first, and then rotate cattle to other pastures that either have other water sources or are easier to haul water to.

If you have any questions feel free to stop by or contact me in the Concordia office, at 785-243-8185 or [khildebrand@ksu.edu](mailto:khildebrand@ksu.edu).

**GRASS & GRAIN**

# YOUR AUCTION SOURCE

**Never miss a sale! Subscribe today!**  
Toll Free: 877-537-3816

# 360-D

# DRYLAND ALFALFA

## Saturday, July 8



**This is 360-D, the first year after seeding!  
Alan, this is my best hay yet! Lloyd Carlson**

**11:36 AM**

**(Twin Bridges, Montana)**



**Alan Greenway**  
Seedsman  
50 Years Experience  
Greenway Seeds  
Caldwell, ID  
Alan Greenway  
208-250-0159 (cell)  
208-454-8342 (message)

**"Modern Forages Sold  
Nationwide And Canada"**

**GREENWAY SEEDS**  
[www.greenwayseed.com](http://www.greenwayseed.com)

ABSOLUTE MULTI-PARCEL FARMLAND AUCTION

WICHITA COUNTY, KANSAS

THURSDAY, AUGUST 10 | 10:00 AM

Clarion Inn | 1911 E Kansas Avenue | Garden City, KS 67846

The C&W farmland portfolio is comprised of 8,893 acres m/l and will be offered in 14 tracts ranging from 3.5 acres m/l to 1,590 acres m/l via the multi-parcel auction method where tracts can be purchased individually or any combination. These tracts will sell "absolute" to the highest bidder. The property consists of approximately 6,552.75 FSA cropland acres which makes this portfolio nearly 98% tillable, a very high percentage for western Kansas farmland. Predominate soil types including the highly productive Richfield silt loam and Ulysses silt loam. Over the years, Charles & Waneta developed an extensive irrigation infrastructure system to optimize water and maximize yields. With great infrastructure and soils, this farming operation has consistently produced yields well above the county averages. Conservation practices have been actively applied to the Farm including the use of cover crops to increase soil tilth and reduce erosion. In addition to the farming opportunities, this portfolio is located in an area well known for pheasant and deer hunting. Additional recreational opportunities and hunting lease income may be available on these properties. C&W farms includes a grain storage facility located on Tract 12 and an equipment storage shed on Tract 13. This farmland portfolio is located near Leoti, KS with quick access to multiple grain marketing options including co-ops, ethanol plants, cattle feedlots and dairies.

CandWFarmAuction.com

C&W FARMS

WICHITA COUNTY, KANSAS

Scan the QR code with your smartphone camera to view CandWFarmAuction.com.

STEVE BRUERE: 515.222.1347  
Steve@PeoplincCompany.com  
KS LIC 090224717

JIM HAIN: 402.981.8831  
James.Hain@LundCo.com  
KS LIC 090228010

GREG STONE: 620.937.8011  
GregStone@WBSNet.org  
KS LIC 090235934

**PEOPLES COMPANY**

**CUSHMAN & WAKEFIELD**

**LUND**

# Pioneer Bluffs welcomes new executive director

Pioneer Bluffs Board of Directors has selected Christie Reinhardt as the next executive director of the nonprofit historic Flint Hills ranch.

"With consideration given to the skills, experiences, and expertise needed to successfully manage our next phase of growth," said Nancy Matkke, board president, "we are pleased to welcome Christie Reinhardt."

Reinhardt is originally from Kansas, and recently retired from a public health leadership position in Alaska. "I am excited about bringing my experience and enthusiasm to this role, and being a part

of this vibrant and active organization," said Reinhardt. "I know I have big shoes to fill and I am honored to have been selected." Reinhardt is restoring a small house not far from Pioneer Bluffs and in her spare time enjoys gardening, food, history and searching out the best flea markets and barbecue places.

"We are doing the important work of preserving and sharing the ranching heritage of the Flint Hills," continued Matkke. "We are confident our success will continue to flourish with Christie."

The first executive director of Pioneer Bluffs,



Pioneer Bluffs board president Nancy Matkke, left, welcomes new executive director Christie Reinhardt.

Lynn Smith, announced her retirement earlier this year. She will stay on and work with Christie in the coming weeks.

"For our first fifteen years, Lynn worked tirelessly through all the growing pains of a young organization," said Matkke. "Her previous expertise in the non-profit arena and her professionalism overall have been key to Pioneer Bluffs's success to this point. We thank her for all she has done and wish her well in retirement."

Reinhardt will be at Pioneer Bluffs most week-

days and weekend events, except when off-site for meetings. Visitors are invited to stop in and get to know her. To reach her, call 620-753-3484 or email at Christie@pioneerbluffs.org.

The mission of Pioneer Bluffs is to preserve and share the ranching heritage of the Flint Hills. A National Register Historic District, Pioneer Bluffs is on Flint Hills National Scenic Byway K-177, 14 miles south of Cottonwood Falls or one mile north of Matfield Green.

## LUXURY COUNTRYSIDE HOME IN THE FLINT HILLS



PRICE DROP!

4,502 square feet:  
5 bed, 4 bath:  
Close to Wamego and  
Manhattan.

21 Acres:  
Incl. 3-stall stable;  
shop; chicken coop;  
& gardens.

CALL US FOR MORE INFORMATION OR TO SCHEDULE A SHOWING!

Laura Ebert:  
785.458.9741

Laura Good:  
515.686.9356



trustedhometeamks@gmail.com

TRUSTED HOME TEAM  
REAL BROKER, LLC



## AUCTION

SATURDAY, JULY 22, 2023 — 10:00 AM

Auction will be held at the home, 925 K41 Highway located on the East edge of DELPHOS, KS REAL ESTATE

The farm is located on the east edge of Delphos, KS at 925 K41 Highway. There are 3 acres with a 2 story 1953 sq. ft. home. The main floor has a kitchen, front & dining rooms, 2 bedrooms, utility room and 1 bath, the upstairs has 3 bedrooms w/storage. The central heat & air conditioning coil was new in 2020 The water heater was new in 2020. All new pex water lines; The sewer is on a septic system, there is a water well, and a 1000 propane tank; There is a 1440 sq ft. machine shed, 800 sq. ft. chicken house, 252 sq ft. mule barn, 100 sq. ft. tack room w/cellar. Taxes will be prorated to closing. 2022 taxes were \$1,266.96. Terms will be 10% of purchase price

as down payment day of auction, the balance will be due upon closing on or before September 15, 2023. Title insurance will be used, the cost will be split between seller and purchaser. Closing cost will be split between seller and purchaser. Down payment will be escrowed with Scheibler Title. The seller will do no inspections or repairs on the home, buildings, septic system or well. All inspections made by the purchaser must be done before July 22, 2023. All statements made day of auction take precedence over printed material. Thummel Real Estate & Auction LLC is acting as seller agent. 60' of iron horse hame fence that will sell after the house sells.

### TRUCK, TRACTOR & EQUIPMENT

1973 Ford Ranger F100 long bed, 390 engine w/54,000 on engine, automatic, ps, 135,540 miles; Ford tail gates; Allis WD45 tractor, wide front, power steering, quick coupler, w/Farmhand loader, 8' bucket; Craftsman LT1000 riding mower 42" cut; Heckadorn riding mower; AC round baler; IHC No 9 pull mower; IHC steel wheel manure spreader w/horse hitch; Oliver & JD dump rakes; flat harrow; pick-up stock rack; Allis fenders; steel wheels for WC Allis tractor; 1950's Ford pickup box; 3pt. bale spear; 4 wheel trailer chassis; 6000 lb. axle.

### HORSE EQUIPMENT, TOOLS & OTHER

Saddles; (Improved Tipton,

Crosby Roper Frank Fightl, Fred Mueller); new 1917 Boyd harness never put together; 2 wheel race cart; saddle bags; bridles; harness vise; buggy steps; harness & bridle parts; horse shoes; wagon jacks; harness buckles; many collars & hames; assortment of other horse equipment; TOOLS: Miller 200LE portable welder w/gas engine; air drill press; 5 shop fans; iron wheel cart w/air compressor; battery charger; cutoff saws; metal work bench; heavy chain hoist; handyman jacks; large pipe cutter; combination wrenches; sockets; assortment of tools; electric motors inc: 220 single phase 2 hp electric motor; cords; come a longs; 100 lb. propane bottles; chains; boomers; yard tools; wire cattle panels; 100+

metal landing mats 18'x10'; (10) 12' metal round bunks w/stands; barb wire; new rope; Frigidaire 18 cu refrigerator; Chambers propane cook stove; pine 1-door cabinet; cream cans; horse clock; metal bed; oak rocker; buffet mirror; car trunk; cast iron seats (Oliver Chill Plow, Jenkins, other); large store ice box for storage; GE refrigerator; bar stool bottoms from Delphos bar; wash bench; platform scale; wash tubs; buckets; windmill shutoff; 2 man saw; tin seats; canteen; wire basket; metal lawn chair; bird house; gas cans; sickle sharpener; metal bases; shop stools; ridge row; hand crank sheep shearer; lard press; hay knives; cream separators; post vises; assortment of other items.

NOTE: The home and land will sell first. There will be many primitives and horse items. Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com)

JAMES "RAISIN" B. DAVIS ESTATE

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

## AUCTION

SUNDAY, JULY 23, 2023 — 10:00 AM

Auction will be held in Kenwood Hall at the Saline Co. Expo Center, 900 Greeley, SALINA, KS

ADVERTISING, CROCKS, COLLECTIBLES  
1903 State of Kansas wooden cabinet w/18 different scenes early day projector

1897 J W Keller Patent farm gate made by Ben Daniels Beloit, Kansas

Many advertising items: wooden DeLaval cabinet; wooden Diamond Dye cabinet; early bolt bin from hardware store; flame top from gas pump; green bell gas pump top; Signs inc: (Concordia Creamery porcelain; Coca Cola Robinet Grocery; Goodrich flange; Davy Darco; Lioness Club; Collins Auto Bennington; Cadillac 75th anniversary, GM lighted; Kansas Jack; Star Dairy; Willys Knight; COOP; Tel-Econ; Bucyrus Erie; Mobil oil warehouse; KPL; Champion; Michelin; Tappan; Mr. Goodwrench; Country Club beer; Pittsburg Paint; Evangelical Church; Jensen; others); 2 sign holders; 7UP coin operated pop machine; Heineken Beer display; Teem Santa display; JoMar Ice Cream display; Clocks: (Pepsi; Farm Bureau; Elgin Watch; Rexall); Casco spotlight display; Phillip Morris boy standup; Pabst store bottle; coin operated Balloon man; coin operated Koton machine; large store pencil display; Coors truck pool table light; Cola cooler; unusual wooden store folding seed cabinet; wood anvil mold Eagle Gear Lindsborg, KS; 11 bar stools from pool hall in Jewell City, KS; bow front Army picture; 36 drawer wood-

en cabinet; 12 drawer metal cabinet; pine 2 door cabinet w/ top drawer; pine wainscot cabinet; walnut dropleaf table; 3 wooden flat top trunks; KSTC tie rack; ice cream making measure; Thompson malted milk machine; 8" wood cigar store Indian; JP Coats small spool cabinet; Clarks ONT spool cabinet; 5 cent peanut machine; 1/2 gal tin Dazey tin churn unusual; dovetail Winchester gun box; Shanks Metal Products copper pitcher for making beer; advertising glass water bottle; Winchester Sporting Rifle wooden box; Ruckstell Axle wood box; Fax-on Horton Druggist wood box; Ehrams Sons Enterprise, KS wooden box; brass eagle; shell art Department Navy seal; Miltonvale pottery dog; CROCKS inc: (Otto Kuehne Preserving Topeka, KS; 3 gal Pittsburg water cooler; 6 gal California; 3 gal RW jug; Stulz jug; John Baum Wholesale Liquor jug; Mason Fruit jars; Ko Rec feeder; several Western crocks & jugs; McCormick Deering filter crock; Cudary Packing Omaha; Buckeye; other crocks); blue Abe Lincoln pitcher; sponge bowl; cattail pitcher; cherry band pitcher; river painting; Lees Lighting waffle iron; Lee bottle, oil cans & coffee tin; Frontier Airline hat; Indian Burial paper; pipes; radios; VX6 for batteries; railroad: (Santa Fe concrete ashtray; lanterns; oil cans, 2 track sign; keys; buttons; other); 1858 wooden feather bed fluffer; large cast iron kettle; AC Diagnostic ma-

chine; 8' pine work bench w/ vice; Standard Oil axle grease bucket; oil cans (White Eagle, Ford, Mobil, Kendal, DX, Val-spar, Conoco, Texaco home oil); Kaf-A feed tin; Big J Orange tin; ball hog oiler; metal doctors cabinet; double box wall telephone; store paper roller; Army helmet; Roulette wheels; fish sinker mold; brass grain scale & bucket; Millwards Helix needle; Hudson sprayer parts cabinet; quack doctor Relax Acizor; wooden horse & cart; Hunting picture; wood carved dog picture; Farmers Creamery Beloit & Salina Milk Exchange bottles; match book collection; Oklahoma pitcher & glasses; several photographs; American Rifleman books; Winchester camp lantern; Western hand trap; Zebco 33 reel in box; copper wash tub; JD repair cabinet; White Owl & Lucky Strike tins; TOYS: early tin horse & carriage; Lumbar crane; tin riding dozer; riding fire truck; Wyandotte trucks; Hubley wrecker; Big Brass Cannon in box; Mickey Mouse clock; Disney puzzles; Uncle Wiggley drum; Minister car in box; Greyhound bus; tin banks; Roy Rogers horse shoe game; other toys; ridge row; tin letters; grass stripper; 2 small gas engines; Economy Chief Jr table cream separator; fans; Car tags inc: number 1962 Kansas 1962; many car tags; Kansas City motorcycle tags; tag toppers inc: Kansas State; 3000 DAV tags inc: 40's; many full Kansas counties; several other states also.

NOTE: This is a local individual collection. There are many unique advertising items. Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com)

Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

## New center at K-State to drive innovation in animal vaccines and antimicrobial alternatives

Launching the new Center on Vaccine Evaluation and Alternatives for Antimicrobials, or CVEAA, Kansas State University's College of Veterinary Medicine aims to support animal vaccine development and usage, according to a recent release from KSU.

The new center will provide innovative services to global partners and customers by conducting safety and efficacy evaluations of vaccines for transboundary animal diseases, helping animal vaccine buyers manage

quality evaluation, and leading feasibility analysis and policy advocacy on vaccines as alternatives for antimicrobials used in animal production, says the release, with Jishu Shi, professor of vaccine immunology and one of the university's leading researchers on infectious swine diseases to serve as the center's director and one of three primary faculty members.

"The Center on Vaccine Evaluation and Alternatives for Antimicrobials is a research and service center designed to meet a series of unmet needs in the development and usage of animal vaccines around the world," Shi says in the release.

The center will focus on U.S. Department of Agriculture and Department of Homeland Security

supported research projects and work closely with animal health industry partners in the following areas, says the release:

- Safety and efficacy testing of experimental vaccines for African swine fever, classical swine fever and porcine reproductive and respiratory syndrome.
- Co-development of novel adjuvants for animal vaccines.
- Evaluations of diagnostic tools for swine infectious diseases, novel antiviral compounds against swine viral pathogens, and novel disinfectants against African swine fever virus and other swine viral pathogens.

"Dr. Shi's research expertise in helping control the spread of African swine fever and his experience in building coalitions

between a wide variety of partners in private industry and government agencies makes him uniquely qualified to lead this new center," says Bonnie Rush, Hodes family dean of the College of Veterinary Medicine, in the release.

The primary faculty members at the center will include Shi, Lihua Wang, research assistant professor of virology and vaccine immunology, and Rachel Madera, senior research scientist in anatomy and physiology, as well as a team of the following collaborating principal investigators from K-State's veterinary college: Jianfa Bai, Santosh Dhakal, Natasha N. Gaudreault, Tae Kim, Waithaka Mwangi, Roman M. Pogranichny, Jürgen A. Richt and Dana L. Vanlandingham.

Eastern Colorado Farms

# LAND AUCTIONS

AUGUST 8TH & 9TH

## 8,930± ACRES

Offered in Multiple Tracts & Combinations

BURLINGTON | HOLYOKE | YUMA - COLORADO

Sedgwick, Phillips, Yuma, Kit Carson, Washington & Cheyenne County, Colorado  
Wallace & Sherman County, Kansas

- Quality Irrigated & Dryland Farms
- Add to an Existing Operation or Investment Portfolio
- Wind Lease Income on Several Tracts

**INSPECTION DAYS:**  
July 13th & July 26th • 10am-12pm  
Burlington Community Center • Phillips County Event Center

Contact Hall and Hall for Detailed Tract Information

**800.829.8747 | HallandHall.com**

In Cooperation with **Murray Wise ASSOCIATES LLC**

CO: EA100006199 | KS: 00049762

# ANNUAL JULY CONSIGNMENT AUCTION

SATURDAY, JULY 29, 2023 AT 9 AM  
WHEELER AUCTIONS LOT, 23101 HWY. 24, PARIS, MO

**RECEIVING MACHINERY DAILY STARTING:  
Monday, July 10 until Thursday, July 27 at Noon  
8 A.M. - 5 P.M. (M-F) | 9 A.M. - 3 P.M. (Sat. & Sun.)**

## 2700+ PIECES OF MACHINERY

FROM AREA FARMERS AND DEALERS!

**Wheeler**  
AUCTIONS & REAL ESTATE

Visit [wheelerauctions.com](http://wheelerauctions.com)  
for view full listing and photos!

23101 HWY. 24, PARIS, MO 65275 | 660-327-5890  
[WWW.WHEELERAUCTIONS.COM](http://WWW.WHEELERAUCTIONS.COM)

# Grass & Grain Area Auctions and Sales

Due to the uncertainty of events, if you want to attend any of the following auctions and have any doubts, please contact the auction company to confirm that the auction will be conducted and inquire about safety procedures if you are concerned. And please check their websites.

Hundreds of auctions, online and in-person. [www.kansasauctions.net/gg/](http://www.kansasauctions.net/gg/)  
**2-Day Online Auction (Bidding Opens 7-12, 1 pm; Day 1 begins closing 7-18, 2 pm; Day 2 begins closing 7-19, 2 pm) — 700+ Lots of pocket knives, swords & skinning knives including Case, Case Tony Boze, Case Muskrat, Case Brothers, Kansas Knife Collector's Assoc., Schatt & Morgan Gowanda collection, Remington Bullet, Western & more (items located at Cottonwood Falls). Held online at [www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com). Auctioneers: Griffin Real Estate & Auction.**

**Online Auction (Open NOW, begins closing 7-20, 2 pm) — 2021 Keystone Cougar 368MBI Premium fifth wheel, 4 slide outs, sleeps 10, solar ready, lots of storage, 2 awnings & much more (located near Lincolnville). Held online at [www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com). Auctioneers: Griffin Real Estate & Auction.**

**Sealed Bid Land Sale (Deadline: July 21) — Selling 111 acres m/l of Washington County Land consisting of T1: 76 acres m/l with 66.77 ac. m/l in crop production, balance waterways; T2: 35 acres m/l with 34.73 ac. m/l in crop production, balance being fence lines & drainage. Selling for Alaron Farms. Submit bids to Midwest Land and Home office, 325 C St., Washington, KS. Mark Uhlik, broker/auctioneer & Jeff Dankenbring, broker with Midwest Land & Home.**

**Unreserved Online Auction (bid Online July 6-July 20) — Tri-State Feeders II 30,000-head feed yard, 560+/- Acres Beaver County, Oklahoma with 3,535 sq. ft. office, 45,000 bushel grain storage, 30,000 feet of concrete bunk line, 4 electric water wells, 80' truck scale, 2 cattle scales, and multiple buildings (property is agent owned). Attend the Auction July 20 at Liberal or bid online at [www.bigiron.com/realty](http://www.bigiron.com/realty). Auctioneers: Big Iron Realty.**

**Larry & Kay McMillan Online Auction (Opens July 20 8 am with a soft close July 26, 8 pm) — Selling woodworking & shop tools, generator, air compressor, saws, router, garden tractor/mower, scooter, power tools, misc. hardware & more (located at Lyons) & held Online at [hollingerauction.hibid.com/auctions/current](http://hollingerauction.hibid.com/auctions/current). Auctioneers: Hollinger Online Auction.**

**Online (& Live) Land Auction (Bid Online July 18-August 1) — 212.96 acres m/l of McPherson County Prime Farmland**

selling in 5 tracts: T1: 77.74 ac. m/l farmland; T2: 50.24 ac. m/l farmland; T3: 13.47 ac. m/l farmland; T4: 18.39 ac. m/l farmland; T5: 53.12 ac. m/l farmland held Online at [www.bigiron.com](http://www.bigiron.com). Attend the Live Auction August 1 at Inman for Sellers: Gerald G. Kaufman Irrevocable Trust; Kent, Christian & Geoffrey Kaufman. Auctioneers: Big Iron Realty, Mike Campbell, listing agent.

**July 19 — Wichita County Land Auction consisting of 157.84 acres m/l dryland cropland (52.61 ac. m/l growing wheat, 52.61 ac. m/l growing corn, 52.61 ac. m/l summer fallow) held at Leoti for Lyle Duane Beedy & Nancy H. Beedy Family Trust. Auctioneers: Lawrence & Assoc. Realty, broker; Russell Berning, auctioneer/agent.**

**July 22 — Douglas Mitchell Real Estate & personal property auction consisting of a newly remodeled 2BR, 1BA home, 2015 Ford F150, 2000 Ford Ranger, 2002 Ford E150 service van, 1991 Chevy S10, 2019 Kawasaki Versey, 2002 Honda XR650IL, 2011 Carry-On utility trailer, appliances, HVAC equipment, tools & accessories, air rifle, furniture, household & more held at Salina. Auctioneers: Wilson Realty & Auction Service.**

**July 22 — Real Estate consisting of 3 acres w/2-story home, machine shed, chicken house, mule barn, tack room & more; 1973 Ford Ranger, Allis WD45 tractor, riding mower & other equipment, horse equipment inc.: saddles, new 1917 Boyd harness, 2 wheel race cart, bridles, collars, hames & much more, tools & more held on the East edge of Delphos for James "Raisin" B. Davis Estate. Auctioneers: Thummel Real Estate & Auction, LLC.**

**July 22 — 2006 Chevy pickup, zero turn mowers, tiller, snowblower, pressure washer, mower lift, sway bar kit, tools, equipment, posts, cattle panels, furniture, TVs, office equipment, floor rugs, treadmill, freezer, household, collectibles, grill, bicycles & more held at Waterville for Pierce & Jenni Holliman. Auctioneers: Prell Realty & Auction, LLC.**

**July 22 — Tractors & Farm Machinery, vehicles, livestock equipment, misc. farm supplies & shop equipment, horse tack, camping/hunting gear, lawn equipment, household & yard items held Northwest of Abilene for John Archambault. Auctioneers: Kretz Auction Service.**

**July 22 — Huge Estate & moving auction inc.: Polaris Xpress 300 4-wheeler, zero turn mower, Craftsman Big Wheel mower, Donahue tilt trailer, furniture, Native American collectibles, pottery, albums, appliances, salvage, shop tools of all kinds & much more held at Bridgeport. Auctioneers: Lazy J Auc-**

tions., Loren Meyer.

**July 23 — Advertising, crocks, collectibles inc. 1903 State of Kansas wooden cabinet w/18 different scenes early day projector, 1897 JW Keller Patent farm gate made by Ben Daniels, Beloit, Kansas; many advertising items inc. wooden DeLaval cabinet, flame top from gas pump, signs, beer items, clocks & more; railroad items, radios, toys, car tags & much more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.**

**July 25 — Land Auction consisting of 270 acres m/l of Lincoln County land offered in 3 tracts. Excellent tillable and timber held live at Lincoln with online bidding available at [www.horizonfarmranch.com](http://www.horizonfarmranch.com). Seller: The Heirs of Nola Cromwell Family Trust. Auctioneers: Horizon Farm & Ranch Realty, LLC.**

**July 27 — Real Estate auction consisting of a stunning native stone 5 bedroom, 2 bath home built in the 1800s with almost 3,000 sq. ft., 2 car detached garage & more held at Alma. Auctioneers: Crossroads Real Estate & Auction, LLC.**

**July 28 — Land auction consisting of 595 acres m/l of Greenwood County Native Flint Hills Pasture, excellent water, 8 1/2-acre pond, good access held live at Madison. For online bidding go to [www.sundgren.com](http://www.sundgren.com). Auctioneers: Sundgren Realty & Land Brokers.**

**July 28 — Land Auction with 348.24 acres of Labette County land selling in 4 tracts consisting of productive cropland, mineral rights income, home site opportunities, old homestead & out-buildings, recreational, hunting held live at Parsons with online bidding available ([www.ReeceNicholsAuction.com](http://www.ReeceNicholsAuction.com)). Auctioneers: Reece Nichols, Rupp/Steven.**

**July 29 — K-14 Consignment Auction including vehicles, trailers, tractors, farm and ranch equipment and 2 family estates of appliances, furniture, glassware, lots of ammo, nice jewelry, antiques & more held at Hutchinson. Auctioneers: Morris Yoder Auctions.**

**July 29 — Annual July Consignment Auction consisting of 2700+ pieces of Machinery from area farmers & dealers held live at Paris, Missouri with Online Bidding provided by EquipmentFacts.com. Auctioneers: Wheeler Auctions & Real Estate ([www.wheelerauctions.com](http://www.wheelerauctions.com)).**

**July 29 — Land Auction consisting of 562 acres m/l of Marshall County Land (land located near Waterville) selling in 6 tracts held at Blue Rapids for Pishny Four, LLC. Online bidding available at [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com). Auctioneers: Midwest Land & Home, Jeff Dankenbring, broker.**

**August 1 — Land Auction consisting of 76 acres m/l in Lincoln County: Excellent tillable & timber, great hunting held live at Lincoln for Mary Margaret Steinhaus. Online bidding available: [www.horizonfarmranch.com](http://www.horizonfarmranch.com). Auctioneers: Horizon Farm & Ranch Realty, LLC.**

**August 5 — Automotive, machine shop & auto parts liquidation auction including shop equipment, shop tools, new & used inventory & much more held at Oakley for formally A+ Machine & Auto Parts, Garry Berggren, owner. Auctioneers: Berning Auction, Inc.**

**August 5 — Beer advertising inc.: mirrors, signs, clocks, pitchers, mugs & more, Joe Camel collectibles, Coca Cola collectibles, other collectibles, antique & modern furniture held at Salina for Lorraine Albers Trust. Auctioneers: Thummel Real Estate & Auction, LLC.**

**August 5 — Tractors (IH 674 diesel w/loader, IH 1964 #414 diesel), Pickups (1993 Ford F150, 2005 Dodge Ram 3500 dually), Trailers, tools, collectibles (Griswold skillets, churns, crocks & more) held near Westphalia (south of Waverly) for Glen & Velma Riffey & Flory Construction. Auctioneers: Edgcomb Auctions.**

**August 5 — Antique tractors & farm auction including 10 John Deere's & 2 Fords, 2003 Chevy 3500 dually, diesel, trailers, older farm equipment, shop & tools, 5 guns & safe, building materials for a shed & more held at Bern for Jerry Rice. Auctioneers: Ash Realty and Auctions ([www.ashrealtyandauctions.com](http://www.ashrealtyandauctions.com))**

**August 6 — Cars: 2007 Lincoln MKX, 1964 Ford Galaxie 500 XL 2-door convertible, Guns, collectibles, tools & household held at Hillsboro for John & Delores Dalke Estates. Auctioneers: Thummel Real Estate & Auction, LLC.**

**August 8 & 9 — Eastern Colorado Farms - Land Auctions consisting of 8,930 acres m/l offered in multiple tracts & combinations (Sedgwick, Phillips, Yuma, Kit Carson, Washington & Cheyenne County, Colorado & Wallace and Sherman County, Kansas). Quality irrigated & dryland farms, wind lease income on several tracts. Auctioneers: Hall and Hall in cooperation with Murray Wise Associates, LLC.**

**Grass & Grain, July 18, 2023**  
Information at Halland-Hall.com

**August 10 — Absolute Multi-Parcel Farmland Auction comprised of 6,693 acres m/l of Wichita County land offered in 14 tracts ranging from 3.5 ac. m/l to 1,590 ac. m/l. Approximately 6,552.75 FSA cropland acres with extensive irrigation infrastructure; hunting areas, grain storage facility (T12), equipment storage shed (T13) held at Garden City for the C&W Farmland Auction. Auctioneers: Peoples Company, Realtors Land Institute, Cushman & Wakefield, Lund Company. ([www.CandWFarmAuction.com](http://www.CandWFarmAuction.com))**

**August 12 — Tractors, trailers, farm equipment, shop items, mowers, 4-wheelers, antiques, toys, drag racing memorabilia, vehicles, tires, milled telephone poles, iron & scrap iron, shed & more held at Berryton for Don & Sandy Webb. Auctioneers: Altic Auction Service, Brady Altic, Lester Edgcomb.**

**August 12 — Toy auction inc. 100s of farm toys (IHC, JD, Case, Ford, White, Allis, Cat, TruScal), Precision tractors, construction toys & others; Pedal tractors inc. IHC, JD, MF, Case Ford, Trains & Accessories, McCormick International Service Sign held at Jewell for Calvin Bohnert Estate. Auctioneers: Thummel Real Estate & Auction, LLC.**

**August 15 — Farmland Auction consisting of 1,684 Acres m/l in Sumner County offered in 10 tracts (The Withers Farms) held live at Wellington. Auctioneers: Peoples Company, Realtors Land Institute, Cushman & Wakefield, Lund Company. ([www.withersfarms.com](http://www.withersfarms.com))**

**August 17 — Lee Valley, Inc. Annual Summer Consignment auction including tractors, tillage, harvest & grain handling, trucks, trailers, vehicles, antiques, hay & livestock, construction, planting & sprayer & misc. held live at Tekamah, Nebraska with online bidding at [www.EquipmentFacts.com](http://www.EquipmentFacts.com). Auctioneers: Lee Valley, Inc.**

**August 17 — Plumbing Business Liquidation auction held at Lawrence. Auctioneers: Elston Auctions.**

**August 19 — Pickups: 2008 Ford F250, 1963 Ford F100, 2003 Ponderosa stock trailer, farm equipment, horse-drawn equipment, body shop equipment & collectibles held Southwest of Jewell for John & Linda Woerner. Auctioneers: Thummel Real Estate & Auction, LLC.**

**August 26 — 2015 Forest River Salem towable camper, 2011 H&H enclosed trailer, 1989 GMC 2500, 2019 JD mower, 2014 JD Gator, farm & tool items, scrap iron, propane tanks, household,**

**Page 11**  
appliances, handicap scooter, glassware, Vintage items inc.: Western decor, records, toys, belt buckles, jewelry, galvanized items, BB guns, Pepsi cooler, cast iron, crocks & much more held at Salina for the Brotton Estate. Auctioneers: Lazy J Auctions, Loren Meyer.

**August 27 — Antique furniture, crocks, Stone Mason fruit jars, pictures including Budweiser "Custer Last Stand", collectibles, Roseville, Hull Art, collection of Heisey glass, pink Depression glass collection & other glassware, Christmas items, costume jewelry, Indian dolls & pottery, early Barbies & clothes, modern furniture & more held at Salina for Karen Adrian Kotrba. Auctioneers: Thummel Real Estate & Auction, LLC.**

**September 2 — Farm machinery & tools auction including Tractors (2000 JD 8410, 1975 JD 4430, 1952 Allis Chalmers & others), 1995 JD 9500 combine, lots of nice farm machinery, grain trucks, semi truck & trailer, stock trailer, feeders, sheds, lots of tools, pickup, lawn mower, forklift, generator & more held at Marysville for Gale Collins (farm equipment) & Tools by Pam McKee. Auctioneers: Prell Realty & Auction, LLC.**

**September 2 — Estate Auction including truck, enclosed trailer, collector cars, collectibles, furniture & miscellaneous held at Lawrence for Mrs. (Jim) Barbara Bute-ll. Auctioneers: Elston Auctions.**

**October 14 — Estate Auction #1 held at Lawrence for Bishop Family Trust. Auctioneers: Elston Auctions.**

**October 21 — Farm Auction held at rural Tecumseh. Auctioneers: Elston Auctions.**

**October 21 — Fink Beef Genetics Angus and Charolais Bull and Female Sale held at Randolph.**

**October 28 — Estate Auction #2 held at Lawrence for Bishop Family Trust. Auctioneers: Elston Auctions.**

**November 7 & 8 — Grass & Grain Farm & Ranch Show held at the National Guard Armory, 721 Levee Drive, Manhattan featuring the latest in agriculture products, technology & services as well as Chef Alli cooking demo & more.**

**Ask Grass & Grain to SHARE your Auction on the Official Grass & Grain Facebook Page**  
*(Small surcharge will apply. Ad must also run in the paper.)*  
**Reach a Larger Bidding Audience with over 5,000 followers!**

## LAND AUCTION

**Tuesday, August 1st, 2023 @ 7:00pm**  
Where: The Finch Theatre, 122 E. Lincoln Ave., Lincoln, KS

**76 Acres +/- in Lincoln County**  
**Excellent Tillable and Timber.**  
**Just in time for hunting season.**

**Productive tillable with great hunting in a secluded area on the Spillman Creek.**

**Taxes are \$719.38 on 76.4 taxable acres**

**37 Acres +/-, NW4 less RD & RR R/W and 39 Acres +/-, NE4 SW4 less RR R/W Section 30 Township 11 Range 08, Lincoln County, Ks.**

**FSA Information ~ 62.81 Farmland Acres**

**~ 60.03 Cropland Acres Enrolled in PLC Base/Yield**

**PLC ~ Wheat base 46.19/46 Sorghum 4.57/69 Soybeans 7.56/33**

**Possession upon closing, subject to tenant rights.**

**Online bidding available. Complete details on website.**

**SELLER: Mary Margaret Steinhaus**

**Clint Heller - Agent Cell # 785-545-5737**

**Ray Swearingen - Broker # 785-452-8498**

**HFR are Seller's Agents**



**HORIZON FARM & RANCH REALTY, LLC**  
1-888-825-1199  
[www.horizonfarmranch.com](http://www.horizonfarmranch.com)

## LAND AUCTION

**Tuesday, July 25th, 2023 @ 7:00pm**  
Where: The Finch Theatre, 122 E. Lincoln Ave., Lincoln, KS

**270 Acres +/- in Lincoln County**  
**Offered in 3 Tracts**  
**Excellent Tillable and Timber**

**Tract 1: The NW4 of Section 8-12-8 less 10 acre Homesite, Lincoln Co.**

**146 Acres +/- of River bottom Farmland. Taxes are \$1,781.76 on 146.1 taxable acres.**

**Tract 2: 37 acres +/- in the SE4 of Section 6-12-8, Lincoln County.**

**28 acres +/- of tillable. 10 acres +/- of timber and river. Taxes are \$315.36 on 37.4 taxable acres.**

**Tract 3: S2 of SE4 Section 8-12-8. Comprised of:**

**43 acres +/- of tillable 35 acres +/- of pasture**

**Taxes are \$630.66 on 78.1 taxable acres.**

**Buyer to receive Landlords 40% of fall crops. Possession upon closing, subject to tenant rights.**

**Online bidding available. Complete details on website.**

**SELLER: The Heirs of Nola Cromwell Family Trust**

**Ray Swearingen - Broker # 785-452-8498**

**HFR are Seller's Agents**



**HORIZON FARM & RANCH REALTY, LLC**  
1-888-825-1199  
[www.horizonfarmranch.com](http://www.horizonfarmranch.com)

## LAND AUCTION

**Thursday, July 27, 2023 @ 7:00pm**  
Dyck Arboretum of the Plains, 177 W Hickory St., Hesston, KS

**Tract 1: The West 22+/- Acres of the S/2 of the SW/4 of 16-22-1, Hesston, KS**

**22 +/- acres total**  
**19 Ac +/- Tillable, 3 Ac +/- with buildings**

**Location: 704 W Hickory St., Hesston, KS 67062**  
**Approx. Taxes: \$810.52 on 22+/- acres**

**40x80 Morton Building with attached office space, concrete throughout and overhead doors.**  
**Open House: Sunday July 16th from 2-4pm**

**Tract 2: The North 23+/- Ac of the NW/4 of the NE/4 of 34-27-1, Hesston, KS**

**23 +/- acres total**  
**Located on 48 +/- West of Halstead Rd.**

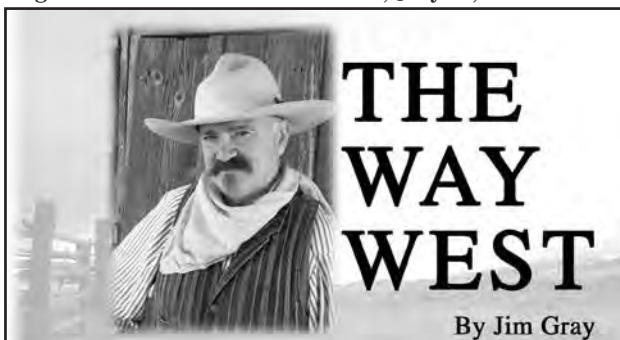
**Approx. Taxes: \$1,042.86 on 23+/- acres**

**Possession subject to tenant rights. Cash rent and taxes prorated to date of closing. Online bidding available!**



**SELLER: Hesston College**  
**Michela Fry - Sales Agent**  
316-644-4937  
**Ray Swearingen - Broker**  
785-452-8498

**HORIZON FARM & RANCH REALTY, LLC**  
1-888-825-1199  
[www.horizonfarmranch.com](http://www.horizonfarmranch.com)



## Remembering Old Cow Paths

The cowboy is without question the undisputed heroic symbol of the American West. Movies, novels, and song have carried his fame around the world, and yet, the era in which he prevailed lasted only a few decades. Oh, but what decades they were!

Drovers began trailing cattle out of Texas as early as 1842, following a migratory route called the Texas Road. Somewhere along the line the northward bound cattle trail along the same route became known as the Shawnee Trail.

The term drover comes from the British Isles and refers to the occupation of handling virtually any farm animal such as sheep, hogs, cattle, or geese. "Drove" is an English expression for a herd or flock. The person engaged in moving a drove of animals from one place to another is a drover. Herders were identified in Colonial

times as drovers and by the time cattle were coming up the Shawnee Trail those involved in the cattle drives were known as herders or drovers.

The Shawnee Trail passed through Baxter Springs, Kansas, destined for St. Louis, Kansas City, or Sedalia, Missouri. Eastern branches of the trail led to Fort Scott, Fort Leavenworth, and Fort Riley. Northern destinations were popular, but some daring drovers pointed their herds west, braving mountains, desert, and dangerous bands of warring tribes in their quest to reap huge profits from the California gold rush.

The Civil War brought a halt to all overland cattle drives from Texas, except to southern markets at New Orleans, Memphis, and locations in Mexico. The close of the war brought a new surge of drives north along the Shawnee Trail. Trail driv-

ing naturally thrived on the frontier and Missouri was becoming heavily settled. Texas cattle belonged on the frontier because they often carried Spanish Fever, a dreadful disease that the longhorns were immune to but was disastrously contagious to domestic northern cattle. Cattlemen were obliged to find other routes to market their big rangy longhorns.

However, other options were opening up to Texas drovers. A new trail opened along the old California route. After crossing into southeastern New Mexico the trail turned north toward the Colorado gold fields. Known as the Goodnight-Loving Trail, the route was fraught with death and destruction.

In central Kansas Joseph McCoy, an Illinois cattleman, built a cattle depot at a little village called Abilene. Drovers followed a freighting trail all the way to the confluence of the Little Arkansas and Arkansas Rivers. The trail had been heavily used by the famous plainsman, Jesse Chisholm and other traders. A year later Wichita was established along the route the drovers called Chisholm's Trail. Drovers told harrowing tales of stampedes, hail, and lightning. They fought Comanches, were attacked by Osage warriors, and traded with Cherokees.

Card games turned to gunfights and cattle thieves were either shot or hung. In a few short years the Chisholm Trail carved out the man we know as "Cowboy."

By and by every town that boasted a railroad and a set of loading pens took its turn as a wild and woolly cattle town. Some like Abilene, acquired infamous reputations. Newton, Ellsworth, Wichita, Caldwell and Dodge City all saw the best and the worst of cowboy life. Many an unsung cattle town witnessed the magic if only for a few months.

Settlement pushed the cowboy west and in 1874 a new trail, the Western Trail, was blazed across west Texas to Dodge City, Ogallala, Nebraska, and points north. Texas longhorn cattle forged the new trail through short grass and sage brush, spreading the beef industry all the way north to Canada. The state of Kansas called those herds, "through cattle" and in 1885 the legislature outlawed "through cattle" within Kansas borders.

The cattle trail moved west beyond Kansas borders and for a brief moment, cattlemen lobbied Congress to create a National Cattle Trail from Texas to Montana. The trail was never sanctioned by the federal government

and by 1890 the long trail was all but dead.

Ironically, two of those old cow paths were nominated by the National Park Service to the National Historic Trail designation. If anything ever deserved national recognition the Chisholm and Western cattle trails should have been a cinch for the distinction. However, a small group of troublemakers have succeeded in derailing those efforts with scare tactics and sorry misinformation. One more sign of our times when nothing gets done

because certain parties don't want government to work and that is too bad. They may stop the historic designation, but they will never dispatch the story of the trails that shaped the American cowboy. Those trails were just cow paths from the ranch to a ready market for beef, but in the blood, the dust, and the rawhide, legend was made on The Way West.

"The Cowboy," Jim Gray can be reached at 220 21st RD, Geneseo, KS. Phone 785-531-2058 or kansascowboy@kans.com.

## KDA to host secure food supply webinar

The Kansas Department of Agriculture - Division of Animal Health has been hosting a webinar series throughout the year focused on secure food supply plans (SFS). The next session in the series will be held July 25 from noon to 1:00 p.m. During the webinar, Kansas State University livestock economist Dustin Pendell will discuss the economic impact a foot-and-mouth disease outbreak would have on the industry and the state's economy, which likely would be detrimental.

SFS plans, including those for beef, pork and dairy, are designed to promote continuity of business during a foreign animal disease outbreak through the implementation of enhanced biosecurity plans. These plans provide an opportunity to voluntarily prepare before an outbreak occurs and can aid in preventing a disease from entering the designated premises. Furthermore, having an SFS plan in place will offer livestock producers eligibility for receiving a permit for moving animals and animal-related products upon approval from KDA.

The upcoming webinar is free, but registration is required. To register, go to <https://bit.ly/SFSWebinar4>. For questions or more information, contact KDA assistant emergency management coordinator Kelly Oliver at [Kelly.Oliver@ks.gov](mailto:Kelly.Oliver@ks.gov).

# Farmers & Ranchers

## AUCTIONS EVERY MONDAY & THURSDAY

**Selling Cattle every Monday**  
**Hog Sales on 2nd & 4th Monday of the month only!**

**TOTAL FOR THE WEEK: CATTLE - 3,042. HOGS 51.**

**BULLS: \$140.00-\$154.50**  
**COWS: \$110.00-\$123.00**

### STEERS

400-500	\$290.00 - \$302.00
500-600	\$286.00 - \$298.75
600-700	\$270.00 - \$280.75
700-800	\$255.00 - \$266.00
800-900	\$233.00 - \$245.50
900-1,000	\$226.00 - \$239.50

### HEIFERS

300-400	\$295.00 - \$307.00
400-500	\$274.00 - \$285.00
500-600	\$253.00 - \$264.00
600-700	\$245.00 - \$254.50
700-800	\$230.00 - \$242.00
800-900	\$220.00 - \$231.00

6	Mix	Council Grove	559@\$251.00
20	Mix	Windom	629@\$243.00
13	Blk	Gypsum	731@\$242.00
46	Mix	Bennington	760@\$240.00
17	Blk	Ellsworth	704@\$240.00
21	Blk	Salina	784@\$233.00
7	Mix	Wheaton	704@\$232.00
46	Mix	Windom	723@\$231.50
11	Blk	Wells	822@\$231.00
90	Blk	McPherson	853@\$231.00
67	Mix	Whitewater	790@\$229.00

### MONDAY, JULY 10, 2023

#### HOGS

9	Fats	Great Bend	274@\$53.00
14	Fats	Lincolnton	289@\$51.00
2	Sows	Emporia	758@\$25.00
1	Sows	Rosehill	410@\$23.00

#### CALVES

2	Red	Ellsworth	308@\$975.00
6	Blk	Bennington	265@\$960.00
10	Blk	Bennington	239@\$950.00
3	Mix	Ellsworth	315@\$925.00
1	Char	Ellsworth	260@\$850.00
9	Mix	Gypsum	188@\$650.00
1	Blk	Delphos	195@\$485.00
1	Blk	Galva	170@\$475.00
1	Blk	Salina	80@\$300.00

#### BULLS

1	Blk	Salina	1980@\$154.50
4	Blk	Nebraska	2019@\$144.50
5	Mix	Nebraska	2015@\$143.50
1	Blk	Beverly	1935@\$143.50
4	Mix	Nebraska	1910@\$141.50
4	Mix	Nebraska	2110@\$141.50
1	Blk	Hutchinson	1900@\$136.50
1	Red	Geneseo	1730@\$136.50
1	Blk	Clyde	2070@\$135.50
1	Blk	Cassoday	2265@\$135.50
1	Wf	Minneapolis	2390@\$134.50
1	Blk	Walton	1825@\$134.00
1	Blk	Wilsey	1825@\$132.50

#### COWS

3	Blk	Riley	1623@\$123.00
1	Red	McPherson	1410@\$121.50
1	Red	Salina	1330@\$121.00
1	Blk	Salina	1675@\$120.50
2	Blk	Sylvan Grove	1365@\$120.00
1	Blk	Salina	1670@\$120.00
3	Mix	Lindsborg	1465@\$120.00
2	Blk	Riley	1383@\$119.00
1	Blk	Riley	1375@\$119.00
2	Blk	Bennington	1298@\$118.50
1	Red	Abilene	1415@\$118.00
3	Blk	Riley	1467@\$118.00
1	Blk	Galva	1405@\$117.50
6	Blk	Cassoday	1500@\$116.50
5	Mix	Hillsboro	1407@\$116.50
2	Blk	Salina	1548@\$116.00
5	Blk	Hillsboro	1361@\$116.00
2	Blk	Cassoday	1338@\$116.00
1	Bwf	Durham	1145@\$115.50
5	Mix	Hillsboro	1341@\$115.50
3	Blk	Moundridge	1262@\$115.00
5	Blk	Lindsborg	1493@\$115.00
1	Red	Lindsborg	1340@\$113.50
4	Blk	Haven	1516@\$113.00

## Livestock Commission Co., Inc. Salina, KANSAS

**SALE BARN PHONE: 785-825-0211**

**MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY**  
Hogs sell at 11:00 a.m. *on the 2nd & 4th Monday of the month.* Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

### THURSDAY — CATTLE ONLY

Selling starts at 10:00 a.m. Consign your cattle as early as possible so we can get them highly advertised.

**AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD**

For a complete list of cattle for all sales check out our website [www.fandrive.com](http://www.fandrive.com)

**CATTLE USA.com LIVE CATTLE AUCTIONS**

**FARMERS & RANCHERS HAS SWITCHED BACK to Cattle USA.com for our online auctions.**



## REMINDER!!

**Don't forget to get your Colts & Horses Consigned for Farmers & Ranchers**

**FALL CLASSIC HORSE SALE**  
**OCTOBER 14-15, 2023**

**Colt Deadline: July 15, 2023**

**Horses age 2-older Deadline: August 1, 2023**

### Early Consignments For THURSDAY, JULY 20, 2023

**13 steers & heifers, 600-700, weaned 7 weeks, vaccinated; 145 black, red & char steers & heifers, 750-850, off grass; 280 black/red steers & heifers, 600-700, home raised, 2 round vaccinations; 50 black/red steers & heifers, 600-700, home raised, 2 round vaccinations; 30 black steers & heifers, 700, off cow, spring vaccinations, open; 25 black steers & heifers, 600-700, home raised, fall calves, 2 round vaccinations; 60 black steers & heifers, 650-800, 3 round vaccinations, open; 165 black/ bwf steers, 925-950, long time weaned, vaccinated; 55 mostly black steers, 900-950, off grass; 70 charX steers & heifers, 600-800, weaned May 1, 2 round vaccinations; 33 steers & heifers, 500-700, 1 round spring vaccinations; 24 steers & heifers, 800-825, off grass; 240 mostly black heifers, 750-850, off grass, open; 35 black steers, 600-800, 3 round vaccinations, weaned May 15; 25 black steers & heifers, 700-900, 2 round vaccinations; 33 black/red heifers, 800-900, vaccinated, open; 55 steers, 800-850, no sort; 25 steers & heifers, 600, vaccinated, home raised; 19 steers, 700, vaccinated, off grass; 60 steers, 950-1000, off grass, no sort; . **PLUS MORE BY SALE TIME.****

**We will be having a Special Cow Sale!**  
**Tuesday, August 15, 2023.**  
*Get your cows, pairs, heifers & bulls consigned!*

### IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- Heavy Duty Feed Bunks

For Information or estimates, contact:

**Mike Samples, Sale Mgr., Cell Phone 785-826-7884**  
**Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901**

Jim Crowther  
785-254-7385  
Roxbury, KS

Lisa Long  
620-553-2351  
Ellsworth, KS

Cody Schafer  
620-381-1050  
Durham, KS

Kenny Briscoe  
785-658-7386  
Lincoln, KS

Kevin Henke  
H: 785-729-3473, C: 785-565-3525  
Agenda, KS

Austin Rathbun  
785-531-0042  
Ellsworth, KS

Check our listings each week on our website at [www.fandrive.com](http://www.fandrive.com)

