



## Dimick discusses climate issues at Henry C. Gardiner Global Food Systems lecture

By Donna Sullivan,  
Editor

Dennis Dimick vividly recalls the day in the mid to late 1960s when a fleet of cars from the highway department pulled into the driveway of his family's farm in the Willamette Valley of Oregon. They informed his parents they would be using eminent domain to take a good portion of their farm to build an interstate highway. Recently he found the negatives of photos he had taken of his father overlooking what used to be their pasture and creek. "I felt I had finally found an image that explained how I ended up doing what is my life's work," he said. It was a watershed moment in his life, one that set him on a career path of documenting the effects of mankind on the environment; the natural, albeit unintended, consequences of progress.

Dimick shared his experiences at the Henry C. Gardiner Global Food Systems lecture series on October 14. The lecture series is designed to spark science-based discussion on issues surrounding food production all over the globe. The series is sponsored by Gardiner Angus Ranch of Ashland and was hosted the K-State's College of Agriculture.

While Dimick's career included serving as executive environmental editor for *National Geographic* magazine as well as a picture editor for the National Geographic Society for more than 35 years, his roots run deep on that Oregon farm, where he raised purebred Suffolk sheep and



Dennis Dimick worked for *National Geographic* magazine for 35 years, the last ten spent as executive environmental editor.

potatoes as 4-H projects. College was financed by a haying operation. "Cut, raked and baled for \$10 a ton," he recalled. "I think by the time we were done we were charging \$12."

"My parents provided a wonderful laboratory for me to learn about the world," he said. "They created a lot of appreciation in me for wild places and those quiet places you can go for respite and retreat."

Far from demonizing fossil fuels, Dimick recognizes the benefits they provided and the progress they allowed. "The basic equation stands today is that we have benefited greatly by the use of ancient carbon fossil fuels like coal and oil and natural gas," he said. "Our use of those resources has allowed us to do many things to build the modern world, but we've begun to see some by-products and effects that are changing the chemistry of the atmosphere." He asserted that changes on the planet are happening at an increasing pace. "Ice is melting, seas



are rising and we are seeing more extreme storms," he said. He explained that scientists often refer to the acceleration of environmental processes as the anthropocene epoch, a time when humans have become the dominant force on the planet. He wondered whether it began 10,000 years ago when humans began altering the landscape for food production, in the 1700s when we began burning coal for energy, or in the last century with the introduction of bombs. "It's a new way to contemplate our relationship with Earth," he stated. "We do know that the mark of our presence will endure in the geologic record long after we are gone."

Dimick was involved in several *National Geographic* projects over the years with one central theme – connecting people with those all around the world who produce their food. "We wanted to make agriculture not just big and abstract and mega-scale," he explained. "We wanted to make it personal. We wanted people to meet the people who grow food for themselves and for us; meet the people who keep us all from starvation and keep food on our tables."

Dimick described a five-step plan to feeding the world, whose population is expected to top 9 billion by 2050, without harming it in the process: Freeze agriculture's footprint, grow more on the farms we've got, use resources more efficiently, shift diets – "We don't all have to keep moving higher and higher on the protein chain," he said – and reduce waste. The plan was included in the first story

of a series entitled *Framework*, and based on a paper published in the journal *Nature* in 2011 called *Solutions From a Cultivated Planet* by John Foley of the University of Minnesota Institute on Environment.

Dimick said his central thesis of the evening is that climate, energy, water, population and food are all connected, with each one reliant on one or more of the others. He noted a paradox that while food production will have to double to meet the demand of 9 billion people, yields for corn, wheat, rice and potatoes are projected to drop by 2050 due to the changing climate. "The trends are showing us we are going to go in the wrong direction," he said.

Standing before the College of Agriculture's students to draw the evening

to a close, Mark Gardiner, president of Gardiner Angus Ranch and the son of the lecture series' namesake, brought the discussion full circle.

"When we think about the college of agriculture, when we think about society, when we think about policy, you know we have complicated questions, and we have a delicate balance," he reflected. "And it's our job to figure that out. We've got to be a part of the world, and we can do that. Some of you may think of the irony of this as we talk about beef and the world today, but these ruminant animals can convert cellulose that is not good for anything else in the world. So we have to use those resources... we have to use these scientists... to be able to figure all of this out."

## Kansas leadership program kicks off two-year educational experience

From Kansas City to Garden City and Sharon Springs to Liberty, members of the newest class of the Kansas Agriculture and Rural Leadership program jumped into their first seminar recently to become better acquainted and hear updates on the state of agriculture and rural communities. And that was just the first night.

"Awkward is awesome," said one new member of KARL Class XV, who spoke of getting out of one's comfort zone during the "Genesis Seminar" held Aug. 22-24 in Manhattan and Junction City.

The new class of 28 came from their day-to-day work in banking, education,



Members of the Kansas Agriculture and Rural Leadership (KARL) Program met for the first of their in-state seminars recently in Manhattan and at Rock Springs Ranch near Junction City.

agriculture, government and other backgrounds to build their leadership skills and learn more about their state, country and the world and how they're all connected – all with the goal of developing effective leadership skills. Overall, they'll attend nine in-state seminars over two years, plus a "Blue Chip" session for a closeup view of the corporate world. They'll also travel to Washington, D.C. in 2020 and to United Arab Emirates in 2021.

Ernie Minton, dean of Kansas State University's College of Agriculture, and Mike Beam, Kansas Secretary of Agriculture, were among the speakers at the kickoff event, hosted by the Kansas Department of Agriculture in Manhattan. The rest of the seminar was at Rock Springs Ranch near Junction City, where sessions focused on developing group dynamic skills, team building and ethics in

leadership.

"These seminars are a chance for KARL class members to learn from speakers and also from each other's experiences as they become more familiar with opportunities and challenges across the state," said Jill Zimmerman, KARL president. She cited a presentation by Lane Letourneau of the KDA Division of Water Resources as he explained water permit types and requirements in the state and the difference between Local Enhanced Management Areas (LEMA) and Intensive Groundwater Use Control Areas (IGUCAs).

Deputy Animal Health Commissioner Justin Smith spoke with the class about animal traceability, including a pilot program called Cattle Trace. KDA Agriculture Marketing Director Kerry Wefald spoke of the current economic impact agriculture has on the state. Other presentations fo-

creating your own story.

"The best part of the session was seeing the comfort level of the group change from the prior day," said class member Garrett Reiss of St. George, in describing the final day of the seminar. "You could clearly see the level of conversation getting deeper and the closeness of the group increase immensely just over a couple short days."

Making connections with current and former class members and seminar speakers is a big part of being involved in the program, Zimmerman said.

Previous KARL class

members have gone on to hold elective office in their communities and at the state level, and to lead numerous state and national organizations, including Kansas Farm Bureau, National Sorghum Producers, National Association of Wheat Growers, U.S. Wheat Associates and Kansas Water Authority.

Next up for Class XV is a November 6-8 seminar in Garden City focused on economic development.

More information on KARL is available at [www.karlprogram.com](http://www.karlprogram.com) or by calling 785-532-6300.

Previous KARL class

## A beautiful start to the day



A disc and the sunrise in northern Riley County make a picture-worthy scene.

Photo by Kezia Shibley

# Insight

KANSAS FARM BUREAU  
The Voice of Agriculture

## A World of Octobers

By Kim Baldwin,  
McPherson County farmer  
and rancher

The temperatures have dropped, and it's truly beginning to feel like fall on the farm. The air feels crisper, the sky seems brighter and everything seems a bit fresher now that the summer heat has left. It's as if the plants, animals and people have all perked up after they've had to conserve their energy, seek shade and retreat from August and September.

But it's now October, where the true magic happens. I may be a bit biased about my affection for October. After all, it's my birthday month. It's also the month where I brought both of my babies home to the farm. I will always have in my mind the feelings of anxious anticipation as my belly reached maximum capacity while wondering how many acres of soybeans would be harvested or how many fields of wheat would be sowed before having to make our way to the hospital.

I always will have in my mind the image of my tiny daughter, wearing a petite bow on her head, snuggled peacefully in her car seat while a

combine roared past harvesting soybeans.

I always will have in my mind the image of my tiny son warmly snuggled in my arms while sitting in the bleachers at the sale barn listening to the auctioneer introduce our lot of good-looking, healthy weaned calves as they entered the ring.

I always will have in my mind the image of my kids straddling their bikes on our dirt road waving goodbye to a trailer load of our cattle headed to another pasture where they'd spend the winter months away from our home.

Yes, some of my best memories are from October.

If I could, I'd gather October in a Mason jar. Just like canning the bounties from a summer garden, I'd place this season on my pantry shelves and enjoy servings throughout the year.

And while tasty, it's not the pumpkin spice that I'd truly want. It's the cool, crisp air in the mornings that sends shivers through one's body that isn't quite ready to wear a heavy coat yet. It's the beautiful evenings with a pink and orange painted sky that you can enjoy while watching children ride their bikes around

## Cash rental rates published

By David G. Hallauer,  
Wildcat District Extension  
agent, crops & soils/  
horticulture

The most recent Kansas Agricultural Statistics Service rental rate surveys were published September 10th. They are now available online through the KSU Agricultural Economics website at [www.agmanager.info](http://www.agmanager.info). Select the Land and Leasing and then Land Rental Rates tab for a list of publications that include

the farmyard. It's the time in the combine sitting next to my husband harvesting rows of soybeans. It's the consideration of turning on the heater or waiting a few more days. It's the sound of honking birds above that are beginning to make their trek south. It's the clear night sky, and a bright full moon, and the sounds of farmers toiling in nearby fields that carries just a bit more into one's senses.

I tend to catch myself taking deep breaths when I walk outside as if I know this season is only here for a limited time before we begin seeking refuge from the cold. Try as I might, I can't quite breathe in enough of this beautiful month.

Just as Anne reveled in the world of color about her in the children's novel *Anne of Green Gables*, I, too, am so glad I live in a world where there are Octobers.

"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.

these results and other rental information as well.

Notable for counties of the Meadowlark Extension District this year is the absence of a reported non-irrigated cropland cash rent number for Jackson County. This follows a second reporting period with no pasture cash rent number for Nemaha County. Why? In most cases, if enough data cannot be collected from a survey question to give a statistically relevant response, no data is reported.

You'll likely note the availability of other rental rate numbers available on AgManager as well. Next, I'll break the other data available there as it pertains to rental rates. In the meantime, if you want a copy of the KASS report, e-mail me at [dhallaue@ksu.edu](mailto:dhallaue@ksu.edu) or contact any of our Meadowlark Extension District Offices

**The elevator to success is out of order. You'll have to use the stairs... one step at a time.**

- Joe Girard

## Prairie Ponderings

By Donna Sullivan

I am beginning to believe an intervention may be in order for my oldest son. It came to my attention the other night that he is still using an old flip phone. And not only is he still using it, he is quite emotionally attached to it and in no way interested in upgrading to a more modern device. Recently my sister and her husband were visiting from Kentucky, and my son came down for the evening to visit. He received a notification on his phone, pulled it out of his pocket to check what it was, and instantly the ridicule began - from my sister, not me, of course. Mamas don't ridicule their kids, no matter how old they get. Nephews, however, are fair game.

"You're still using a flip phone!?"

"Yep," he replied, with a smug smile, admitting that the cell phone company had called him on numerous occasions, all but begging him to upgrade. But he remained steadfast in his dedication to his old flip phone, firmly resisting their offers of new phones with all their bells and whistles deemed completely unnecessary by this particular customer.

"How do you text with that thing?" she queried.

"The old-fashioned way," he replied. "I push the numbers two or three times until I get the letter I want."

Of course, group texts present a challenge, but he has managed to navigate that with the aplomb of an old cowboy riding his trusty steed through the crowded streets of New York City. He gets where he's going, it just takes him a little longer and of course, he draws a lot of stares. He admitted it has a few problems, like the fact that it won't actually ring. Instead it just vibrates, and somehow got switched to a mode where a voice announces who is calling.

"Are you ever going to upgrade?" my sister queried.

"Not until I have to," he said, stretching out his legs to put his phone back in his pocket, adding a little flourish for good measure. Maybe a little too much flourish, as the phone flew out of his hand, up in the air a couple of feet and crashed onto the floor, several pieces flying off in the process.

"Flippy!" he cried, flinging himself out of his chair and down onto the floor to retrieve all the pieces.

And that's when I realized it might be time for an intervention. Who in the world names their phone? And "Flippy," of all names?

He laid the pieces out on the table and gently, lovingly reassembled the phone.

"Somebody call me," he instructed once it was put back together, sounding for all the world like a surgeon instructing his team to take the patient off by-pass to see if the heart would beat on its own once again.

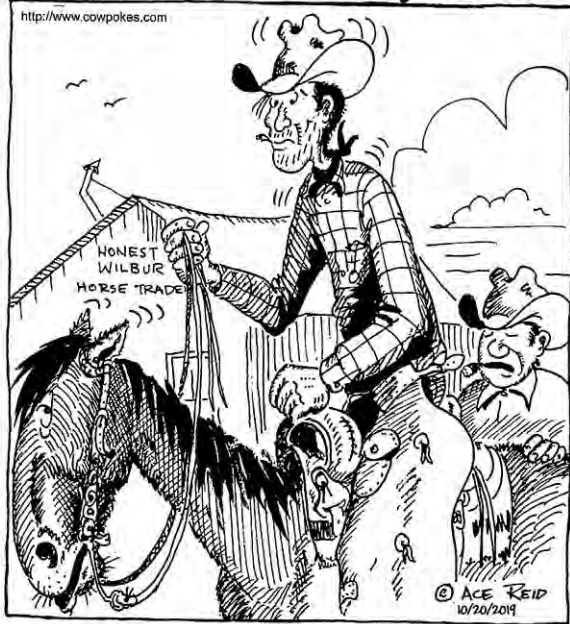
I obliged, calling his number as we all waited anxiously to see if there was any life left in Flippy, or if this would finally be the time it received Last Rites.

Miraculously, it rang. Really rang - it didn't just vibrate and have a voice announce the caller. Somehow, the crash landing and subsequent reassembly brought the ringer back to life.

The relief in the room was palpable. Within that ten-minute conversation and near-death experience for the cell phone, my sister and I had also become inexplicably attached to Flippy.

Flippy the cell phone - shoot, maybe we all need a good intervention.

## COWPOKES® By Ace Reid



"Jake now that hoss has an easy gait, you've just got a rough saddle!"

## DUST ON THE DASHBOARD

by Glenn Brunkow



Last weekend we gave the calves their pre-weaning shots in hopes of being able to wean calves around the first of November and take the mommas to corn stalks. I know the whole plan has a lot of moving parts and getting the cows out around the first of November is ambitious for us but none of that happens if we first don't get the pre-weaning shots done.

This operation would not be possible if we had not bought a set of portable corrals. We had four pastures to do that day and that meant we would catch, sort the calves, give them shots and turn them back out with momma. I had decided I would be happy getting three pastures done and satisfied with two.

Isaac had secured a crew to help. He has a good group of friends who seem to like to help with working cattle but more importantly are good help. It can be difficult to find someone willing to help with cattle, it is even harder to find someone willing who is a good hand. In any case, he has a group of friends that have been coming out and helping for the past couple of years, the only downside is that most of them will graduate this year. I have been pitching graduate school to them, but I fear I am not getting anywhere.

As good as our crew is, the linchpin in the whole cattle catching operation is Jennifer. My wife is the best at catching cows that I have ever seen. I don't know if it is more skill or stubbornness, but I can't ever remember a cow that she set out to catch that did not end up on the trailer. Many times in our twenty-four plus years my instincts have said to give up, let them settle down and come back tomorrow only to watch her ride out and in a few minutes come back with the missing cows.

So back to last Saturday, the first two pastures went smoothly. I had caught the first pasture the night before so that was an easy one and the second pasture had come in like we had planned. It was shortly after lunch and we were ready to catch pasture number three and that made getting all four done a real possibility.

Isaac's friends and I set up the corral while Jennifer went out to lead the cows in with our UTV. The cows were coming in just fine, when, through a series of miscommunications, we lost

three cows and five calves. Some of it was miscommunication, some of it was because cow number eight was a piece of work and smelled the trap. No matter what the cause, they bolted off to the far end of the pasture. I mentioned that we should probably turn the others out, cut our losses and move on to pasture number four. That was when Jennifer told us to get out of sight and she would be back with them in a few minutes.

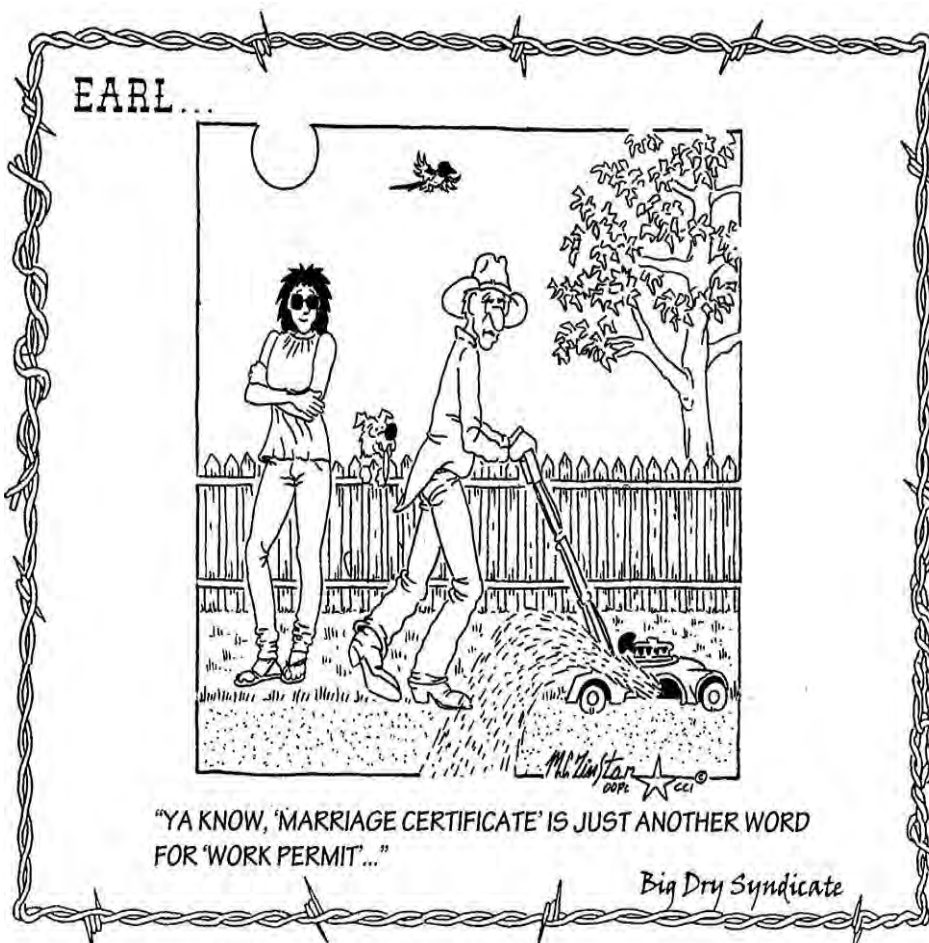
Normally we have the cattle caught when Isaac's friends come help so they had never witnessed Jennifer's work before. One of them made a comment about doubting if they could be caught and I told him to sit back and watch the show. In a few minutes Jennifer showed up on the horizon sort of leading the cows and driving them all at the same time. Its hard to explain, but trust me.

They inched closer and closer, old number eight growing more wary and the calves becoming increasingly nervous. Finally, she had them close enough the cows that were penned up started calling to their calves and that helped move things along. Soon with patience Jennifer had all the cows and calves penned except for good old number eight. Isaac's friends were both surprised and amazed at what they had just witnessed. I knew what the outcome was going to be before she started, I had seen that look in her eyes many times.

As I said, everything but old number eight was caught and we really didn't need her, but Jennifer was determined not to let her get away with not getting caught. Soon after a series of maneuvers that cannot be explained by anything more than the most stubborn personality prevailed, the offending cow was also in the pen.

Isaac's friends, not exactly sure what they had just witnessed, said something along the lines of this was not how they were taught to handle cattle in school, and it should not have worked. I agreed with them. Then I asked them what they had learned. One said that instinct and determination is better than theory. I told him I didn't disagree. But that was not the real lesson. That was when I told them that the most important lesson for them to learn that day was above all else, marry right.

Oh, and we got all four pastures done that day.



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What is your comfort food? Mashed potatoes? Macaroni and cheese? Mom's meatloaf? Chances are, your comfort food involves gravy. Lots of folks are, in fact, comforted by gravy. It's hearty, sticks to the ribs (and the hips) forever! This simple food made from grease, flour, salt and pepper and milk is like magic... It transforms ordinary food into a dish to nurture the body and soul.

Gravy is served over mashed potatoes and fried potatoes, country fried steak and chicken fried steak. It is made from sausage drippings and chicken drippings. It is served from silver gravy boats and straight from the cast iron frying pan. It is a staple of grandmothers everywhere and chuckwagon cooks across the west. Perhaps cooking gravy outside makes it even better.

Dr. Jake and I were in Boggsville, Colorado recently. The historic site has some great folks supporting it and operating it, and we went out for Boggsville Days. We had visited just a few weeks earlier with the Order of the Indian Wars. Larry Bourne, president of the Bent Coun-

ty Historical Society, is enthusiastic about preserving this site and perpetuating the story.

This site on the Santa Fe Trail was established by Missourian Thomas Boggs in 1866. Boggs married the step-daughter of Charles Bent, Rumulda Luna Bent. She was a devout Catholic and the icons of her faith are evident. They had a ranch and a trading post.

The second house on the property is that of John Wesley Prowers and his wife,

Amache (who was Cheyenne). He built a 14-room house that included a school.

A third house on the ranch, that of Kit and Josefa Carson, was washed away in a flood. When the couple passed away, only a month apart, the Boggs raised the Carson children, thus cementing the relationship between the Boggs and Carson families forever.

The history on this ground is staggering.

This was the fifth year for Boggsville Days, and it's getting bigger and better every year. There were mountain men, land agents/surveyors, Dr. Jake with a cavalry tent and accoutrements, and a bunch of chuckwagons! J. D. Perry and Christal Bohrer came to help Doc and Laura Jones and their entourage prepare the best brisket I have ever had. Potatoes, chicken-fried steak, beans, biscuits, beer bread, and gravy - loads of gravy!

Doc and J. D. are experienced chuckwagon cooks and have put a lot of time and effort into presenting an authentic chuckwagon experience, just like the cowboys of yore enjoyed.

The invention of the chuckwagon was credited to legendary cowman Charles Goodnight. While folks had been hauling food around as long as folks had been moving and eating, Goodnight modified a Studebaker Army surplus wagon to be a traveling kitchen for the cowboys who were on the trail pushing millions of cattle across the West. He added a "chuck box" to the back of the wagon with drawers and shelves for storage space and a hinged lid to provide a flat cooking surface. The foods those

cowboys ate were simple and easy-to-preserve--beans, salted meats, biscuits.

On a good day, they may have also had gravy on those meats and biscuits. It may have been made with water, but they could have had canned milk (yes, they had canned milk 150 years ago!). You can imagine how happy those cowboys would have been at the end of the long, dusty trail to get a heaping serving of mashed potatoes, chicken fried steak, biscuits and gravy. Mmmm, mmmmm... just as happy as cowboys and girls are today.

I ventured over to Mitten's Western Kansas Wildlife Travel Center the other morning to join Chod Hedinger for coffee before he headed

off to Little Jerusalem, our newest state park. He brought along a friend, Ray Coffey, retired Army. It was a great conversation about all the great spots to visit in Kansas. Chod is a talented photographer and shares his images on Facebook. I have shared many of them on the Around Kansas Facebook page. Be sure to check them out!

Oh, and let me know if you want to meet at Mitten's for coffee!

Deb Goodrich is the host of the Around Kansas TV show and is the Garvey Historian in Residence at the Fort Wallace Museum. She is the chair of the 200th anniversary of the Santa Fe Trail in 2021. Contact her at author.debgoodrich@gmail.com.

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Location: 5 miles North of Solomon at the corner of 290th Road and Coronado Road in Ottawa County.  
Legal: SW 1/4 of SEC 13, TWP 12, RGE 1 W of the 6th PM, Ottawa County, Kansas.  
Consisting of: Tillable Ground 148.6 acres m/l; Waterways 10.2 acres m/l; TOTAL 158.8 acres m/l  
Soil Types: Approximately 70% Crete Silt Loam & 30% Geary Silt Loam  
General Info: An excellent upland farm with Class II and III soil, has good access with gravel road on west side.  
2018 Taxes: \$2,754.38

**TRACT #2**  
Location: 5 miles North of Solomon on Solomon Road.  
Legal: SE 1/4 of SEC 13, TWP 12, RGE 1 W of the 6th PM, Ottawa County, Kansas.  
Consisting of: Tillable Ground 117.8 acres m/l; Waterways 11.2 acres m/l; Timber & Creek 28.8 acres m/l; TOTAL 157.8 acres m/l  
Soil Types: Approximately 60% Crete Silt Loam & 40% Hobbs Silt Loam (Creek)  
General Info: Again, a very good upland farm with almost 1/2 creek bottom. Timber & Creek offer excellent hunting.  
2018 Taxes: \$2,242.94

**TRACT #3**  
Location: 1/2 mile East of Donnmeier on Campbell, then 1/4 mile South on Amos Road.  
Legal: S 1/2 of NE 1/4 of SEC 26, TWP13, RGE 1 W of the 6th PM, Saline County, Kansas.  
Consisting of: Tillable Ground 79 acres m/l  
Soil Types: Mainly Sutphen Silty Clay with a small amount of Hord Silt Loam  
2018 Taxes: \$772.70

**TRACT #4**  
Location: Approximately 1 mile East of Solomon on Old Hwy. 40.  
Legal: Approximately 249 acres m/l in SEC 20, TWP 13, Range 1 and SEC 29, TWP13, RGE 1, lying S. of the Union Pacific RR, E. of the 6th PM, Dickinson County, Kansas.  
Consisting of: Tillable Ground 214 acres m/l; Timber, Creek & River 35 acres m/l; TOTAL 249 acres m/l  
Soil Types: Mainly Detroit & McCook Silt Loam  
General Info: One of the outstanding Smoky Hill River Bottom farms in the county. Mainly Class I soils, very productive.  
2018 Taxes: \$3,029.14

**POSSESSION:** March 1, 2020 on any open ground. Any wheat ground after the 2020 wheat harvest or August 1, 2020, whichever is first. Buyer to receive on Tract 1 & 2, 1/3 buyer and Tract 3 & 4, 40% buyer share of growing and pay for share of fertilizer and related expenses. Ron Wood, tenant.  
**TERMS & CONDITIONS:** 10% due day of sale, balance due on or before closing date on or before December 16, 2019. Real Estate Taxes for 2019 paid by seller. Title Insurance will be used with the cost split equally between Buyer and Seller. First American Title, Abilene, KS, will escrow the contract and earnest money. Escrow charges will be split equally between Buyer and Seller. Reynolds Real Estate & Auction Company will be acting as "Sellers Agents." Property sells in "as is" condition with no guarantees or warranties made by Seller or Auction Company. Announcements made day of auction take precedence over printed matter. All information given is from sources deemed reliable, but not guaranteed. Property sells subject to easements, restrictions and reservations if existing.

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# GRASS & GRAIN Our Daily Bread

\*\*\*\*\* By G&G Area Cooks \*\*\*\*\*  
**LaDonna Grindol, Berryton, Wins Weekly Grass & Grain Recipe Contest**  
Winner LaDonna Grindol, Berryton:  
**ENCHILADA DIP**

8 ounces cream cheese  
7-ounce can chopped green chilis, undrained  
1 teaspoon garlic powder  
1/4 teaspoon chili powder  
1 1/2 cups Mexican-style finely shredded 4 cheese, divided  
1/2 pound boneless skinless chicken breasts, finely chopped & cooked  
Set oven 350 degrees. Beat cream cheese, chilis, garlic powder, chili powder and 1 cup cheese with mixer until blended. Stir in chicken. Spread into 9-inch pie plate. Bake 20-25 minutes until heated through. Sprinkle with remaining cheese and let stand 10 minutes. Dip with crackers, chips, etc.

\*\*\*\*\*  
Millie Conger, Tecumseh:  
**PEAR CRISP**  
2 1/2 tablespoons sugar  
1 tablespoon cornstarch  
1 1/2 teaspoons lemon juice  
3/4 teaspoon cinnamon, divided  
3 cups cored thinly sliced pears  
Topping:  
1/2 cup quick oats, uncooked  
1/3 cup brown sugar  
1/4 cup flour  
1/4 teaspoon nutmeg  
2 tablespoons cold butter  
Grease a 10-inch iron skillet. Set oven 350 degrees. Combine sugar, cornstarch, lemon juice and 1/2 teaspoon cinnamon in bowl. Add pears; toss to coat then spread in skillet and set aside. Stir oats, brown sugar, flour, nutmeg and 1/4 teaspoon cinnamon. Add butter and

combine to form crumbs. Sprinkle over pears. Bake 30-35 minutes or until topping is golden brown. Serve with ice cream.

\*\*\*\*\*  
Rose Edwards, Stillwater, Oklahoma:  
**HARVEST VEGETABLES**  
2 pounds butternut squash, halved, seeded & cut into 1 1/2-inch cubes  
2 pounds redskin potatoes, quartered  
2-3 red onions, quartered  
16-ounce package baby carrots  
4-6 cloves garlic, crushed  
3 tablespoons olive oil, divided  
2 teaspoons salt, divided  
1/4 teaspoon pepper, divided  
Combine vegetables and garlic and spread evenly onto 2 lightly greased baking sheets. Toss with oil, salt and pepper. Bake at 450

degrees for 40-50 minutes, tossing vegetables and rotating sheets from top to bottom of oven halfway through. Serve hot.

\*\*\*\*\*  
Lydia Miller, Garnett:  
**BURGUNDY BEEF STEW**  
2-lb. boneless chuck roast  
1/2 teaspoon salt  
1/4 teaspoon black pepper  
2 tablespoons vegetable oil (optional)  
6 medium carrots, cut in 1 1/2-inch pieces  
9-ounce package frozen green beans  
2 cups frozen small whole onions  
2 cloves garlic, minced  
2 tablespoons quick-cooking tapioca  
14.5-ounce 50% less sodium beef broth  
1 cup dry red wine  
3 cups hot cooked noodles (optional)  
4 slices quick-cooked, drained crumbled bacon  
Snipped fresh parsley, optional  
Trim meat fat. Cut meat into 1-inch pieces. Sprinkle with salt and pepper. In a large skillet cook meat, 1/3 at a time, in hot oil over medium-high heat until brown. Drain off fat. In a 3 1/2- to 4-quart slow-cooker mix carrots, green beans, onions, garlic. Add meat. Sprinkle with tapioca. Pour broth and wine over mixture in cooker. Cover and cook on low 10 to 12 hours or on high for 5 to 6 hours. Serve over cooked noodles. Sprinkle each serving with bacon and parsley.

\*\*\*\*\*  
Each serving: 317 calories; 8 g fat (35 sat. fat); 95 mg cholesterol; 977 sodium; 16 g carbs; 3 g fiber; 0 g sugars; 37 g protein.

\*\*\*\*\*  
Kimberly Edwards, Stillwater, Oklahoma:  
**HONEY ORANGE POPPY SEED DRESSING**  
1/4 cup orange juice  
1/4-1/3 cup honey  
2 tablespoons oil  
2-4 teaspoons poppy seed  
In a jar with tight-fitting lid, combine all ingredients and shake well. Store in tightly-covered container in refrigerator.

\*\*\*\*\*  
Dining as a family can create an environment for parents to lead by example for their children. Children who eat with their families consume more fruits, vegetables, milk and dairy foods compared to those who eat fewer family meals. Adults also report that eating as a family is a positive portion of their day. Mealtime creates a feeling of togetherness and family cohesion. The concept of family meals does not exclude single-parent homes or couples without children. The routine associated with meals can provide a protective value for some of the

## Family Meals ... Worth Making A Priority

Barbara Ames, Family and Consumer Sciences Agent, Wildcat Extension District  
When was the last time you sat down for a meal with your family? For many, family mealtime has been lost in our over-scheduled lives. School, work schedules and extracurricular activities can make it difficult to find time to eat together and some go days or weeks without sitting down to share a meal as a family. However, family meals are important. Researchers have found that families who share meals together on a regular basis, whether it's breakfast, lunch or dinner reap many benefits.

In a recent article, Maureen Bligh, Andrea Garen and Ashley Rosales; Registered Dietitians with the Dairy Council of California; shared the following information re-emphasizing studies which have shown that children who eat with their families are better nourished, have lower rates of obesity and better vocabularies. These factors can have a positive impact on classroom behavior and academic performance. And when it comes to improving the health of our children, family meals are a great way to instill healthy eating habits that will last a lifetime.

Research into family meals and their benefits is becoming more in depth, with some interesting findings:  
• Dining as a family can create an environment for parents to lead by example for their children. Children who eat with their families consume more fruits, vegetables, milk and dairy foods compared to those who eat fewer family meals.  
• Adults also report that eating as a family is a positive portion of their day. Mealtime creates a feeling of togetherness and family cohesion. The concept of family meals does not exclude single-parent homes or couples without children. The routine associated with meals can provide a protective value for some of the

risks associated with single-parent homes. For couples, the routine of sitting down together carves out time for each other and creates work schedule boundaries creating a balance between work and personal life.  
• There is an association between family meal frequency and lower rates of obesity.  
But the benefits of family meals go beyond nutrition and family unity. Family meals are also an opportunity to promote child development. Regular family meals teach children many things that will enrich their lives beyond the immediate health benefits of eating nutritious food.

1. **Memories.** Taking the time to sit together at mealtime helps create positive memories for yourself and your family.
2. **Enjoyment.** The first and most important place where children learn positive attitudes about food is in the home. Eating meals together starts a lasting and positive relationship with food.
3. **Self Esteem.** Mealtime conversation brings the family together and promotes positive self-esteem in children.
4. **Life skills.** Children learn best by doing, not watching, so get them involved! You can teach children how to cook balanced meals for themselves by including them in meal planning and preparation.
5. **Traditions.** Mealtime is an ideal time to strengthen family ties and pass on family cultural traditions. Whether you are celebrating a holiday or just eating an everyday meal, things you do in your home will be passed down to your children and grandchildren.
6. **Curiosity.** Kids are more likely to try new foods when they are involved in meal preparation. They have a natural curiosity about food so be sure to

offer new foods at mealtime (but never force them to try them).  
7. **Relaxation.** Family meals are the perfect time to connect with each other and share your stories of the day. Shared time and positive experiences with your children are a great way to connect and relax together after a hectic day of work, school and errands.

8. **Responsibility.** Research has shown that cooking with kids and assigning tasks surrounding mealtime, promotes independence and a sense of responsibility in the kitchen - and in life.

9. **Communication.** Having conversations at mealtime increases your children's vocabulary. Encourage them to speak by asking about the best part of their day and probe more about what made the best part so great.

10. **Love.** Children watch and imitate adults, and look to them to learn proper behavior for everything from saying please and thank you to learning about fitness and nutrition. Mealtime is the ideal time to remind your children every day that they are important and loved.

Isn't it time to make family meals a habit in your home? Find the original article at: <https://www.healthyeating.org/Healthy-Eating/Meals-Recipes/Family-Meal-Planning/Article-Viewer/Article/314/Why-Family-Meals-Matter>. Find more information about these topics and others, by contacting the Wildcat Extension District offices at: Crawford County, 620-724-8233; Labette County, 620-784-5337; Montgomery County, 620-331-2690; Wilson County, 620-378-2167; Pittsburg Office, Expanded Food and Nutrition Education (EFNEP), 620-232-1930. Wildcat District Extension is on the web at <http://www.wildcatdistrict.ksu.edu>. Or, like our Facebook page at [www.facebook.com/wildcat.extension.district](http://www.facebook.com/wildcat.extension.district). For more information, contact Barbara Ames, Family and Consumer Sciences Agent, [bames@ksu.edu](mailto:bames@ksu.edu), (620) 331-2690.

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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)

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- 1531 Yuma St., Manhattan. KS -  
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# It's Fall and Time For Pumpkins!

By Cindy Williams, Meadowlark Extension District, Food, Nutrition, Health, and Safety

The most popular use for pumpkins this time of year is jack-o-lanterns and fall decorations. But pumpkin is healthy and versatile, so we could be preparing and eating it in a variety of ways, as well. Pumpkin provides fiber, vitamins A and C, potassium and protein. Here are some guidelines when choosing a pumpkin for cooking:

- \* Choose a small pumpkin that weighs two and six pounds.
- \* "Pie pumpkin" or "sweet pumpkin" is a good choice, but the jack-o-lantern variety also works just fine for eating.
- \* Look for a pumpkin that has one or two inches of stem left. Pumpkins with shorter stems decay more quickly.
- \* Choose a pumpkin that has a rich orange color with skin that cannot be easily broken or scratched by your fingernail.

For every pound of whole pumpkin, you can expect to get one cup of pumpkin puree.

To get multiple uses out of it, you can use first use your pumpkin as a decoration by painting a funny face on it using non-toxic paints. Then, after the holiday, you can wash and cook it.

To use the pumpkin for maximum benefit, don't throw out the seeds — they can be roasted and eaten. Start by removing the stem with a sharp knife. Cut the pumpkin in half and scoop out the seeds and scrape the stringy part away. Wash the seeds in warm water and spread them out to dry. To roast, spray pan with oil and spread seeds thinly on the pan. You can sprinkle the seeds with salt or any seasoning that appeals to you (such as cheesy popcorn or Cajun seasoning). Bake in a 250-degree oven for 15 to 20 minutes.

There are three ways to prepare the pumpkin in order to make pumpkin puree.

\* To bake: Cut the pumpkin in half, place the cut side down on a cookie sheet and bake at 350 degrees until fork tender or about an hour.

\* To microwave: Place half of the pumpkin cut side down on a microwave safe plate and microwave on high for fifteen minutes or until fork tender.

\* To boil: Cut the pumpkin into large chunks and rinse in cold water. Place the chunks in a large pot and cover with water. Cover the pot and boil for 20 to 30 minutes until tender.

After following one of the three methods above to prepare it, you can now make the puree: Cool and peel the pumpkin and use a food processor, blender, ricer or potato masher to puree it. Pumpkin puree can be used in any recipe in which you use purchased pumpkin. Pumpkin puree can be frozen at 0 for up to one year. It is not recommended to can pumpkin puree as the center of the jars may not get hot enough to kill bacteria.

If your desire is to can pumpkin, can it into chunks first and then use a pressure canner as it is a low acid vegetable. Pumpkins should have a hard rind and string less, mature pulp. They should be ideal for cooking fresh. Small pumpkins (sugar or pie pumpkins) make better products.

Hot pack — Wash pumpkin and remove seeds. Cut into 1-inch slices and peel. Cut flesh into 1-inch cubes. Add to a saucepot of boiling water, boil 2 minutes. CAUTION: DO NOT MASH or PUREE. Pack hot cubes into hot jars, leaving 1-inch head space. Fill jars to 1 inch from top with boiling hot cooking liquid. Remove air bubbles. Wipe jar rims. Adjust lids and process.

Process in a Dial Gauge Pressure Canner at 11 pounds' pressure OR in a Weighted Gauge Pressure Canner at 10 pounds' pressure:

Pints for 55 minutes or Quarts for 90 minutes.

If you have pumpkins but you're not quite ready to cook them, keep in mind that pumpkins can be stored for several months if kept at 50 to 55 degrees in a dry, airy place.

For more information, contact your local Meadowlark Extension District Office. We have offices in Oskaloosa, Holton and Seneca. I can be reached at 785-863-2212.



**By Ashleigh Krispense**  
Pizza in and of itself is good, I think we can agree on that!

Skillet pizza is great...  
Alfredo pizza is even better...

But put it all together and it's amazing!

This Chicken-Pepper Skillet Pizza is simple to whip together in a hurry and has a delightful, creamy, white sauce to go with it. Here is a pretty simple version of it, but mix it up! Try different toppings or sauces. Perhaps you want to try BBQ Beef with onions? Let me know how they turn out!

### CHICKEN-PEPPER SKILLET PIZZA

Dough:

- 1 1/4 cups flour
- 1/4 teaspoon salt
- 1 1/4 teaspoons instant yeast
- 1/2 cup very warm water

Alfredo Sauce:

- 1/4 cup (1/2 stick) butter
- 1/2 of an 8-ounce brick of cream cheese
- 1 teaspoon garlic powder
- 1/4 teaspoon garlic salt
- 3/4 cup milk
- 1/3 (heaping) cup grated Parmesan cheese
- 2 chicken breast fillets, frozen
- 1/2 red pepper, coarsely chopped



Start by placing the chicken breasts in a cast iron skillet with a little olive oil and black pepper. Cook over medium heat until well done. Let rest a few minutes before chopping into 1/2-inch cubes.



Mix together the ingredients for the dough and spread it out in another cast iron skillet that has been greased with a little bit of olive oil. Set aside to rise while you work on the sauce.



Start the Alfredo sauce by melting together the butter and cream cheese. Be careful not to let it burn or boil! Once it's all melted (it won't combine together, but rather be somewhat separated looking), stir

in the salt, pepper, and garlic powder/salt. Pour in the milk and Parmesan cheese. Continue to stir this for a little bit longer, until it's all melted together well and then set aside.



and bake at 375 degrees for 25-30 minutes or until it's hot, bubbly, and starting to brown! Enjoy!



Once the crust has had time to rise, pop it in the oven and broil it for about five minutes or until it is starting to turn a golden brown. Pull it out and spoon the white sauce onto the crust.

Then layer on the peppers and chicken. Add a little extra sauce (and cheese if you like)

Ashleigh is a freelance writer and blogger for her website, *Prairie Gal Cookin'* ([www.prairiegal-cookin.com](http://www.prairiegal-cookin.com)).

She shares everything from step-by-step recipes to local history, stories, and photography from out on the farm in Kansas.

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# Companies welcome U.S.-China trade truce, warn disputes remain

(AP) – Companies have welcomed a U.S.-Chinese trade truce as a possible step toward breaking a deadlock in a 15-month-old tariff war, while economists caution there was little progress toward settling core disputes including technology that threaten global growth.

President Donald Trump

said Washington will suspend a tariff hike planned on \$250 billion of Chinese goods. In exchange, Trump said China agreed to buy as much as \$50 billion of American farm goods. Details of other possible agreements weren't immediately released.

The bruising battle over China's trade surplus and technology ambitions has disrupted global trade. Economists warn a final settlement might take years to negotiate. Despite that, financial markets rise ahead of each round of talks and fall back when no progress is reported.

Companies acknowledged the agreement was a modest step and appealed to both governments to step up efforts to end the fight that is battering manufacturers and farmers.

Washington still is planning a Dec. 15 tariff hike on \$160 billion of smartphones and other imports. Before then, Trump and Chinese president Xi Jinping are due to attend an economic conference in Chile in mid-November. That is raising hopes a face-to-face meeting might produce progress.

"Taking tariffs out of the equation for at last the next two months will give space for substantive negotiations," said Jake Parker, senior vice president of the U.S.-China Business Council, an industry group.

Trump said the deal has yet to be put down on paper but said, "We should be able to get that done over the next four weeks."

China's government welcomed "substantial progress" but gave no details of possible agreements.

"I don't think it's a victory, but it eases the situation," said economist Yu Chunhai at Renmin University in Beijing. He said both sides want to

restore business and consumer confidence.

There was no word of agreements on the core issues that sparked the dispute. Those include U.S. pressure on Beijing to roll back plans for government-led creation of global competitors in robotics, electric cars and other technologies.

"There remains significant work ahead to address many of the most important U.S. trade and investment priorities," Myron Brilliant, executive vice president of the U.S. Chamber of Commerce, said in a statement. Still, he called the announcement a "ray of hope."

Washington, Europe, Japan and other trading partners say China's plans violate its market-opening obligations and are based on stealing or pressuring companies to hand over technology. Chinese leaders see those tactics as the surest path to prosperity and global influence.

"With the key structural issues no closer to being resolved, we suspect that a mini deal would, at best, simply delay a breakdown in the negotiations," said Julian Evans-Pritchard and Martin Lynge Rasmussen of Capital Economics.

Friday's announcement also made no mention of commitments by Beijing in sensitive areas including subsidies to industry and cyber security, or the status of telecom equipment giant Huawei, which faces damaging U.S. sanctions.

Trump imposed curbs in May on sales of American components and technology to Huawei Technologies Ltd., China's first global tech brand. Trump has said he is willing to use Huawei, one of the biggest global makers of smartphones and network switching gear, as a bargaining chip in the trade talks.

"The two sides will now return to a 'muddle through' strategy that avoids further tariff escalation but may not substantially reduce tensions," Michael Hirson and Kelsey Broderick of Eurasia Group wrote in a report. "Both the U.S. and China are likely to continue targeting each other through non-tariff measures, such as investment restrictions and regulatory barriers, which will be highly disruptive."

Tit-for-tat tariff hikes by both sides have raised costs for producers and consumers. Some companies are shifting production and supply lines out of China to avoid the U.S. tariffs, suggesting they expect the sanctions to stay in place for an extended period.

China's exports to the United States, its biggest foreign market, have plunged, adding to pressure on Xi's government to shore up cooling economic growth and avoid politically dangerous job losses.

The looming Dec. 15 tariff hike leaves a "black cloud" over Apple Inc. and other tech companies with factories or customers in China, said Dan Ives of Wedbush Securities in

a report. He said it would be a "gut punch" if it goes ahead.

U.S. complaints about Chinese technology policies, cyber spying and protection of patents and other intellectual property "will be the focus of tech investors," said Ives.

Another potential stumbling block is how to enforce any agreement.

Talks broke down in May over Beijing's insistence that Trump's punitive tariffs had to be lifted once a deal took effect. Washington says some must remain in place to ensure Chinese compliance. Trump and Xi agreed in June to resume negotiations but there have been no breakthroughs.

Despite that, Beijing has gone ahead with other industry-opening initiatives aimed at making China's economy more competitive and productive. None, however, addresses Trump's complaints and business groups say they have had little impact on foreign companies.

On Friday, regulators announced a timetable for an initiative announced in 2017 to abolish limits on foreign ownership of some financial businesses. That starts with futures traders Jan. 1 and extends to securities firms and mutual fund managers later in the year.

"Even if it is not a new liberalization or something that hasn't been announced before, it is still positive to have a date on the horizon for when companies can apply," said Parker of the USCBC.



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# AUCTION

**SATURDAY, NOVEMBER 2, 2019 — 9:30 AM**  
Auction will be held at the home 502 Palmer in Brookville, Kansas

**ANTIQUES, COLLECTIBLES & HOUSEHOLD**  
Oak curved glass china cabinet w/pillars; oak 1 door china cabinet; Mission oak chair; sow belly kitchen cabinet; mahogany music cabinet; walnut commode; 20's cedar chest; 30's walnut table, chairs & buffet; cast iron leather sewing machine base; treadle sewing machine; plant stands; dictionary stand; wood folding chairs; folding high chair; child's chair; sewing box; sewing cabinet; smoke stand; Brother Pacesetter & Ellure sewing machines; Baby Lock machine; Spinnet piano; 50's 3 pc. bedroom set; 4 pc. 70's bedroom set; Cockshutt Plow seal; Harley Davidson watch fob; ladies motorcycle pants; side wind pocket watch; 1939 Worlds Fair tickets; John Kennedy funeral cards; Air Force Two playing cards; assortment of 40's & 50's toys; Keystone Garage; race cars; trucks; wooden tractor; tin windup airplane; Tonka trucks; Texaco semi; Buddy L wooden wrecker truck; tin airplanes; Cubby Reading Bear in box;

toy telephone; Lincoln logs; Fisher Price toys; cardboard blocks; games; stuffed animals; Squeekum book; trikes; Jewelry inc: diamond rings, gold rings, turquoise & assortment good costume; large collection dolls inc: Buddy Lee cowboy, handmade Historical couples; Oriental, Nun, boy, drum majorette, many others; noddies; doll buggy; figurines; Religious items; Presidential figures; child's rocker; child's table & chair; 10 quilts; assortment linens; hankies; scarves; purses; ladies hats; ladies formal & dresses; doctor bag; paper mache cat; Brookville hotel collectibles; Roosevelt & other pictures; Mandolin; Montgomery Ward Homes catalogue; 1927 Sears catalogue; 1936 Food & Fashion Fox Watson theater; many good paper collectibles; sheet music; photo albums; bank bags; lunch boxes; sweetheart dresser lamp; pink dresser lamp; glass chicken & Charlie Chaplin candy containers; assortment glass; set china; compotes; hand painted bowls; 1946 Kan tag; Coke Cola thermometer; wood carved figures; 4 gal Elephant Ear churn damaged, other crocks; wall coffee grinder; oak kitchen clock; post cards; road maps; mini parachute; Large collection local newspapers; oil jar; lanterns; bottle carrier; door knobs; baseball bats inc: Pete Rose; electric clocks; popcorn popper; new Boss shucking peg; assortment records; very large collection books inc: Zane Grey, children's books; Jack O Lantern; Christmas & Easter decorations; bubble lights; silver & pewter; Remington typewriter; insulators; wood boxes; canning jars; light fixtures; 50's stroller & jumper; chicken feeder; cow bell; saw blades; cistern pump; cast iron well pump; 2 man saws; 5 gal gas cans; very large assortment of other collectibles.

**MODEL T TRUCK, TRACTOR & CAR**  
Model T pickup has been setting out; 1949 John Deere A tractor; 1970 Oldsmobile Delta 88 4 door car does not run; pickup stock rack.

**NOTE: This is a large auction, there are many unusual items, check our website for pictures at www.thummelauction.com**

**CONNIE LILL ESTATE**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC  
785-738-0067

# AUCTION

**SUNDAY, NOVEMBER 3, 2019 — 1:00 PM**  
Auction will be held at the home located at 305 Walnut (Walnut & 4th) in RANDALL, KS

**ANTIQUES, FURNITURE, COLLECTIBLES & HOUSEHOLD**  
Oak 2 pc high back bed full size w/unusual Bombay side dresser; Lakeside oak organ very good condition; high back organ stool; 2 oak pattern back office chairs; 2 oak 3 section stacking bookcases; oak high chair folds into rocker; Round Oak Duplex stove w/Dow Wah Jack top; marble top parlor table; Victorian chair; blue Victorian couch; spinning wheel; steamer trunk; salesman sample stoves & cast iron toy stoves (Crescent, Queen, Eagle, Rival & Favorite); Sleepy Eye crock pitcher; 3 gal Red Wing churn; wall telephone; cow pitcher collection; Limoges miniatures; Russian crystal vases; ladies hats; dollies; table cloths; linens; first day issue stamps; commemorative coins; Daisy churn; scales; cast iron waffle iron; Crystal wall coffee grinder; silver plate coffee, tea & serving dishes; Victrola records; metal milk boxes; wash boards; milk bottles w/rack; metal Pepsi rack; oil lamps; cast iron tea kettle; shoe lass; vintage & new canning jars; Christmas & Holiday decorations; Christmas dishes 14+ place set; 12 Christmas wine glasses; Nativity sets; wooden pedal airplane; assortment of other collectibles;

**MODERN FURNITURE inc:** 2013 Kenmore 18 cu chest freezer; oak antique repro 3 pc queen bedroom set very nice; oak 4 pc. bedroom set w/marble top dresser, lingerie cabinet; Sealy full adjustable & vibrating mattress; queen mattress; Bassett dining table w/6 chairs; Lazy Boy leather chair; divan; 4 TV (34" Emerson, 20" Sylvania, 60" Sharp); oak TV stand; oak curio cabinet; entry bench; pine 2 door wardrobe; mahogany jewelry chest; small painted dresser; oak oval coffee table; iron bed bench; 3 bar stools; crock pot w/3 pots & server/warmer; glass & crystal serving bowls; table lamps some w/leaded glass; Electrolux canister vacuum.

**Yamaha Clavinova CVP200 electric piano touch keyboard like new; Precision clarinet; music CD's, DVD's & VCR tapes.**

**SEWING & QUILTING ITEMS** 4 Singer Feather Weight sewing machines (1938 AE988435; 1939 AF375425; 1935 AEO58389; 1954 AL724793); Bernina Artista 180 sewing machine, embroidery hoops & embroidery attachment; Singer model 160 160th Anniversary Limited Edition sewing machine new in unopened box; 2 treadle sewing machine cabinets; metal toy sewing machines (Singer, Little Betty, Gateway & Kay-EE Sewmaster); spool cabinets; spinning wheel; cotton fabric yardage & bolts; 100+ quilt & crafting books in new condition; quilt & wall hanging kits; quilting & sewing patterns; folding craft table; sewing kits; assortment fabric & cotton.

**SIGNS, MOWER, TOOLS & OTHER**  
SIGNS INC: (We Use Chevrolet Parts clock; OK lighted sign; Conoco; Skelly gas; AC Sparkplug; Gall Motor Norton; Texaco man w/cast iron base; Kool neon; Hamms bear; assortment of other signs); stop light; Southwest 72CR-1 Chevrolet gas pump; Pepsi glass door cooler; Trico wiper cabinet; Chevrolet wheel bar stools; 2015 John Deere Z445 54" front deck, 24 hp Kawasaki, zero turn mower; 2015 2 wheel mower utility trailer; Troy Bilt Pony rear tiller; Husqvarna 340 chain saw; 4 wheel garden cart; blowers; trimmers; Peter Wright England anvil; DeWalt bench grinder; Rock Island no 87 vice; 8' metal work bench on wheels; Craftsman tool box; Craftsman floor jack; battery charger; large collection of tools inc: Craftsman wrenches; screw drivers; Gorilla shelving; 2-4'x4' metal scaffolding w/rollers, slides & aluminum planks; extension cords; large assortment of other tools & shop items.

**NOTE: Marilyn has sold her home and moving. Warren has many nice signs and a large collection of tools. Marilyn has many very nice collectibles. The furniture and antiques are in very quality condition and ready to place in your home. Check our website for pictures at www.thummelauction.com**

**MARILYN JOERG & WARREN JOERG ESTATE**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC  
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# AUCTION

**WEDNESDAY, NOVEMBER 6, 2019 — 4:30 PM**  
Auction will be held at the Fairgrounds on the East edge of OSBORNE, KANSAS

**ANTIQUES, COLLECTIBLES & OTHER**  
20's walnut dining table w/6 chairs, unusual china, server & buffet very nice; buffet mirror; 3 section lawyers bookcase; 12 oak Lodge arm chairs; oak 2 door wardrobe; 40's round top refrigerator; Edison upright phonograph; Edison table top phonograph w/base; wicker wheel chair; folding rocker; pr. ladder back chairs; camel back trunk; treadle sewing machine; white porcelain top kitchen table & chairs; 8' pine work table; pr. wing back chairs; leather recliner; 5pc. pine bedroom set queen size; 4 pc. walnut bedroom set; book shelf; **Crocks** (Red Wing 3,8, 10, 15; RW 3 gal jug; 5 gal Western; 4 gal Pittsburg; 3 gal Macomb churn); assortment of pictures, 4 Western paintings; pencil drawing; cuckoo clock; Life magazines; quilts; linen table cloths; afghans; new bed ensemble; Dryden pieces; Diamond Point dishes; blue hobnail dishes; set Royal Embassy china Scarsdale pattern; flatware; creamer & sugars; salt & peppers; stemware; 24 John Wayne plates; kerosene lamps; Lodge sign; 4 Wisconsin cream cans; James Hake wooden toys; spittoon; Fiatelli sewing machine; Dressel railroad lantern; 6 pane windows; car tags; scythe; 2 man saw; Dandy electric churn; reel mower; ladies & mens bikes; area rugs; typewriters; speakers; luggage; copper decorator items; assortment household; toys; Tupperware; Christmas items; 3 wicker chairs; table lamps; microwave stand; Frigidaire 20 cu upright freezer like new; Haier mini fridge; air purifier; baby bed; Shark steamer; assortment kitchen items; Pyrex; pots & pans; assortment tools inc: drills; push lawn mower; extension ladder; 8' step ladder; vice; wheel barrow; metal yard roller; Toro 421 snow blower; Giant leaf vacuum; floor jack; shop vac; rain train; yard tools; assortment of other items.

**NOTE: Check our website for pictures at www.thummelauction.com.**

**RAMONA ACRE**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC  
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## KANSAS AG REPORT

**Ken Rahjes, Host**

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# Soil and water: analysis identifies ag practices to fight flood and drought

A synthesis of 89 studies across six continents has helped clarify which agricultural practices hold water when it comes to helping soils soak up precipitation — a factor critical to mitigating floods, outlasting drought and stabilizing crop yields.

The roots of the solution? Put down and preserve some, said the University of Nebraska-Lincoln's Andrea Basche.

"There are a number of ways to improve water getting into the soil, but what we found to be the most consistent are the practices that offer continuous roots," said Basche, assistant professor of agronomy and horticulture.

When acting like sponges, soils can alleviate the worst consequences of torrential rains that now strike with increasing frequency and are abruptly redefining terms such as "500-year flood." Absorbent soils can also make the most of water when it's most precious, allowing crops and other plants to better survive droughts that many researchers predict will become more severe going forward.

Though some agricultural producers have adopted management practices designed to minimize the disruption or maximize the enrichment of soils, little research has systematically compared how those practices influence water absorption, Basche said.

"We talk about a lot of (landscape) conservation practices as if they're equal," she said. "My perspective was that we didn't have a good sense of the benefits that different practices provide."

So Basche and the Union of Concerned Scientists' Marcia DeLonge decided to analyze the effects of five emerging ag-related practices: no-till farming, cover crops, crop rotations, perennial plantings and cropland grazing.

Their meta-analysis found that planting perennials such as grasses or trees near cropland increases the rate of water absorption by an average of 59%. Cover crops — those planted primarily to combat erosion and restore soil nutrients — boosted water absorption by an average of 35%, according to data from 23 studies.

By contrast, the synthesized data from 52 studies found no overall effect from practicing no-till agriculture.

"That was probably the most surprising finding," Basche said. "Very commonly, you hear people talk about how important no-till is to increasing (water) infiltration. There were some environments and management combinations where no-till led to an increase in infiltration, but on average, that's not what we found."

Rotating among cash crops also seemed to have no substantial influence, at least in the aggregate. Allowing livestock to graze on cropland, meanwhile, reduced water infiltration by an average of 21%, though the team found relatively few studies on the practice.

The differences that emerged from the meta-analysis could partly account for the flood-related phenomena that farmers have noticed and recounted over the years, Basche said. Nebraska farmer Noah Seim told the U.S. Department of Agriculture that a rye-heavy cover crop seemed to spare his land from the worst aftermath of the widespread flooding that hit the state in March.

"You hear all these anecdotes about soil health," Basche said. "Producers love to tell these stories about, 'I got this six-inch rain event. My neighbor's farm had flooding, and my farm let all that water soak into it.' I've heard (versions of) that story numerous times."

Prior research has suggested that the continuous presence of root systems, like those that perennials and cover crops can offer, may open up more pores for water to infiltrate, Basche said. Undisturbed soil might also encourage more biological activity, such as the burrowing of earthworms, that does the same.

"It's hard in an analysis like this to say exactly what's the process behind that," Basche said. "But when you put these (practices) all together, you can see the relative differences and make some new hypotheses about what might be impacting infiltration."

Basche recently returned from Washington, D.C., where she presented to a congressional caucus focused on soils.

After illustrating the post-1980 jumps in heavy rainfall across much of the United States, Basche shared lessons from the meta-analysis, other research and an ongoing study of 17 field sites across Nebraska.

Part of the challenge ahead, she said, lies in demonstrating the value and feasibility of soil-friendly practices to agricultural producers. Less than 10% of U.S. cropland, for instance, currently supports cover crops.


"Ultimately, with anything that we do research on in agriculture, it has to work on the farm," Basche said. "We have to figure out how to do it and how to make it economically sustainable, too."

"But when it comes to improving outcomes with heavy-rain events, I think this work illustrates that soil can be a solution."

Basche and DeLonge published their findings in the journal PLOS ONE. They re-

ceived support from the Union of Concerned Scientists, the TomKat Foundation and The Grantham Foundation for the Protection of the Environment.

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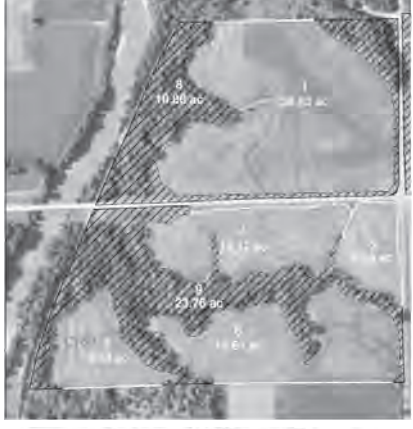
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Bids sheets can be obtained by contacting Galloway, Wieggers & Brinegar or by visiting the website: [sealedbidauction.net](http://sealedbidauction.net). Bids must be received by 12:00 p.m. Friday, November 15, 2019. Seller reserves the right to accept any bid, reject all bids or invite certain bidders to a subsequent private auction.







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## FARM AUCTION

### SATURDAY, OCTOBER 26, 2019 — 10:00 AM

LOCATION: 7073 K16 Hwy — VALLEY FALLS, KANSAS  
Directions: 1 1/2 miles West of Valley Falls on K16 Hwy

**TRACTORS & COMBINE**  
IH 986D w/cab (no glass), West-endorf Loader, 3 pt, runs good; Farmall 806D w/cab, Quick Hitch, dual hyd, runs good; IH Farmall Super C; Farmall 706D, WF, cab, Quick Hitch; Farmall 460, WF, gas, New 16.9x38 rear rubber; Farmall M; IH 1460 axial flow combine; JD 216 grain head.

**TRUCKS & TRAILERS**  
1971 Chevrolet 2 ton, 15' steel bed, grain sides & hoist; 1994 Ford F350, 4x4 dually, flatbed, 460 gas, AT, not running; 7.5'x18' enclosed truck box w/rear roll-up door; 7.5'x14' enclosed truck box w/rear roll-up door; 2012 Carry On 7'x12' single axle flatbed trailer w/folding ramp; 1986 Home 7'x16' dual axle flatbed trailer w/ folding ramps; 1975 Chevy 2 ton 15.5' bed w/hoist, 4/2 spd.; 1986 Titan 7'x16' GN stock trailer; 2003 Starlite 20' + 4' dovetail GN tandem axle flatbed; 1964 IH 2 ton truck, not running.

**SHOP EQUIPMENT & MISC.**  
Powermate Magna Force 6.5 Hp air compressor; Powermate port. generator, 5700 watt; cut

off saw; Century 200 amp battery charger; Master 150,000 btu space heater; Lincoln AC/DC arc welder; wood plane; numerous hand tools, wrenches, pry bars, sockets, hammers, drill bits, 20 ton hyd jack; acetylene torch, bottles & cart; numerous elec. saws & drills; Milwaukee grinder; numerous pneumatic tools; 3400 psi power washer, 11.5 Hp gas engine; anvil & stand; several chain saws; C-clamps; dozens of animal traps; several axes; bench top drill press; tool boxes; sm. Clarke welder; numerous V belts; many other tools too numerous to mention; Craftsman 2.5 Hp radial arm saw; table saw; several old lanterns; buck saws; old homemade china cabinet; lg. telescope on tripod; butter churn; copper boiler; sm. wood stove; several stone jars; several milk cans; old porcelain counter kitchen cabinet; numerous fishing poles & tackle; wash tub; Husqvarna 17" 9.5 hp rear tine tiller; shovels, rakes, hoist; wooden corn sheller; alum. ext. ladder; (2) 300 gal fuel barrel

& stands; 500 gal fuel barrel & stand; misc lumber; Clipper No. 2B seed cleaner; misc used tin; wringer washer; asst. bolts, nuts; side bed truck tool boxes; sickle sharpener; older Ashley Wood Burning Furnace.

**CONCRETE TOOLS**  
Stihl gas powered cut-off saw w/ concrete blade; Razor Back Walker Power Trowel w/Honda 5.5 Hp engine; Power w/low; skid loader hyd breaker; concrete mixer; concrete blocks; concrete saw.

**MACHINERY**  
Wing disk; 3 pt field cultivator; 6'x14' elec. auger; (2) walking plows; Ez Flow; 3 btm. mtd. plow; sm. ground driven manure spreader; IH 800 6 row cyclo air planter, good shape; upright PTO hyd wood splitter; pull type 500 gal sprayer w/booms; (2) IH 241 big round balers; JD sq. baler; 2 pt bale spear.

**ATVs & LAWN & GARDEN**  
Cub Cadet HDS 2165 garden tractor, needs belt; Mtd 16/46 yard machine; older Arctic Cat ATV, not running.

### REAL ESTATE, ANTIQUES, TOOLS & HOUSEHOLD AUCTION

#### SATURDAY, NOVEMBER 2, 2019 — 10:00 AM

LOCATION: 17355 Pheasant Run Road — WAMEGO, KANSAS 66547 • Lunch  
North 2 miles from Hwy 24 & Hwy 99 intersection to Pheasant Run, then go East.

Join us on November 2 for the opportunity to purchase this beautiful, 2 bed 2.5 bath Ranch-style home within 5 minutes of downtown Wamego. Sporting a large 1.6 acre lot, a two car garage, and a detached workshop, this home has lots to offer! Property sells as-is where-is. Requires \$2500 in non-refundable earnest money on the day of the sale, must close in 45 days or less. Buyer must do all inspections prior to sale and have written loan pre-qualification or proof of funds on day of sale. All announcements on the day of the sale take precedence over any advertising. Foundation Realty represents the seller as a sellers agent. **Call Morgan to schedule a viewing at 785-458-9259.**



**TRACTORS, MOWERS & TRAILER (will be sold at Noon):** Ford 8N tractor; John Deere 285 riding mower w/tiller, thatcher & bagger; Marty J riding mower; 16' tandem axle trailer; D17 Allis Chalmers, 10' disc; 6' rotary mower; 3 bottom plow; subsoiler. **ANTIQUES:** Console-style record player; oil lamps; various pieces of glassware; antique jars & bottles; oil bottle; cast iron wheel; antique hand seeder; walnut crackers; City of Wamego map; Pottawatomie County map; glass insulators; green bean french-er; International Harvester corn sheller; International Harvester refrigerator; whiskey barrel; walnut sheller; wooden tape measures; burlap bags; crosscut saws & saw blades; clocks; pocket watches; marbles; buttons; 10 gal. crock; KU & KSU decanters; cast iron tractor seats; hand crank drill press; wood stoves; Fulton corn sheller; **MUCH MORE! TOOLS & SHOP EQUIP.:** McCall Pattern Co. cabinets; chainsaw blade sharpener; spot sprayers; air bubble; router table; forced air heater; work lights; receiver balls; shop rags; welding rod; staple gun; leather punch; power tools; jack stands; Fimco sprayer; floor jacks; propane bottles; gas cans; jugs; funnels; buckets; ext. cords; jumper cables; garden implements; push mowers; weed trimmers; live traps; screw extractors; air compressor; stick welder; power tools; levels; sockets; wrenches; screw drivers; Craftsman bench grinder; garden hoses; vice grips; C-clamps; wheelbarrow; oil cans; bench vises; wiring supplies; step ladders; garden shears; garden stool; garden wire; razor blade sharpener; 110 pieces SAE & metric saw miter saw; table saw; Irwin quick clamps; Skil saw; Power stone elec. start power-washer; snow shovels; pitch forks; silage forks; other long handled tools; bag zipper; blow torch & MORE! **HOUSEHOLD, APPLIANCES & FURNITURE:** Whirlpool deep freeze; sm. Kenmore deep freeze; GE apt.-size refrig.; Ball & Mason canning jars; muffin tins; pots, pans, kitchen utensils; blender; crock-pots; water jugs; cookie trays; fireplace set; Canon laser printer; dining table & chairs; inn tables; TV stand; recliner; lamps; rocking chair; desk; filing cabinets; drafting table; bookshelf; twin beds; chalkboard; picnic table; barbecue grill; lawn furniture; patio furniture; vintage metal lawn chairs, **MUCH MORE NOT LISTED.**

**TERMS: Cash or valid check.** All items will be sold to the highest bidder except in the case of a reserve. Auctioneer has no obligations to disclose reserve prices. All items are sold as is where is with NO implied or expressed warranties. Buyers are responsible for their property when the Auctioneer says SOLD. Buyers must have valid government issued ID at time of registration. All announcements on the day of sale take precedence over advertising. Foundation Realty represents the seller.

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# FALL HARVEST SPECIAL 2019

## Fall harvest is a Riffel family favorite

By Lucas Shivers

*Editor's Note: This week concludes our four-week fall harvest series, brought to you by Countryside Feeds, Herra Machine, The Cowboy Weigh, Kansas Soybean Commission, Hutchinson Mayrath, CVA, MKC, Gavel Road Auction, Heartland Crop Insurance, Harris Truckbeds and Accessories and Thurlow Farms.*

try playing from the Case IH combine, Daniel Riffel loves fall harvest on his farm near Stockton, the county seat of Rooks County.

"My farm has been in the family for four generations in Kansas," Riffel said. "I grew up doing it. I learned to drive the tractor before anything else. When I was a little kid, I loved going with my dad to ride along on the farm and

watch stuff get done."

### Family Focus

Daniel and his wife Amanda farm full-time with his parents Randy and Deborah, his uncle Steve and his cousin, J.D.

"J.D. was a few years older than me," Riffel said. "We'd all play 'farm' out on the actual farm in the sandbox and in the house all the time."

Treasuring the family aspects of the operation, Daniel enjoys the day-to-day details of gearing up for harvest and the hustle of the season along with his current family partners.

The Riffel family took part in several community efforts. Daniel has one younger brother who is a senior at K-State in computer science.

"In 4-H, we had a lot of fun with pigs and steers to the fair, along with field crops, rocketry, cooking and electric projects to learn about many different options in life," Riffel said.

### Journey Back to the Farm

With 28 fellow students in his graduating class in 2008 at Stockton High School, Riffel

reflected on the path to taking on the farming operation.

"In high school, at the time, it was all about getting done and wanting to get out. Looking back, it was a pretty good time," Riffel said. "I enjoyed it. At that time, I didn't know if I wanted to go into farming."

Heading to Manhattan, he started out at K-State in general engineering, with a strong interest in the mechanical side.

"I decided it wasn't what I wanted to do so I switched to ag technology management with better direct application and help for the family farm," Riffel said.

He started to feel more of a calling towards farming as he returned home for summer and fall harvests.

"At that age, I was able to help with more and realized I enjoyed it a lot with the lifestyle," Riffel said. "I couldn't see myself working in an office. The idea of not doing that anymore made me re-evaluate my future decisions."

### Transition Home

Riffel finished KSU in Dec. 2011. He came back to Stockton in the spring 2012 to

work on the farm ever since.

"I just got married to Amanda at the end of 2017," Riffel said. "She grew up locally in Stockton, but she's a little younger than I am. We met when I was back home from college for a weekend."

The Riffels got engaged on the rimrocks outside of Billings, Montana on a hiking trail after a ski trip with his family in Colorado.

Amanda finished at Colby Community College and works at Rooks County Health Center in Plainville.

Serving others as a driving force, Riffel is on the Kansas Sorghum Producers and local chairman for the Extension district. He also helps run the sound board and media for Stockton Assembly of God Church. He said enjoys working with computers, coding, home improvement and gardening.

### Operation Details

With roughly 5,000 acres of crop ground and 3,000 of pasture, Riffel continues to expand with more cattle coming from a recently retired neighbor.

"We have 500 head of cattle, mostly Red Angus," he said. "Over the years, we've had different cross-genetics from bulls."

Riffel plans to harvest more than 1,800 acres of mostly sorghum this fall, which is a little less than past years.

"We had more corn this year," Riffel said. "We started beans as well for rotation. We had a good profile of moisture going into the spring and a good start for everything. The hot spell of summer ended with some nice August rains."

Riffel said the crops are still looking good, even if the milo crop is a few weeks behind past years.

"Typically we're cutting in October for milo. It's often after the killing frost," he said. "It's a big consideration to graze the milo and corn stalks after harvest. It's a vital resource for our livestock."

### Market Concerns

Watching the current global events and market trends, Riffel said he hopes for a resolution to the trade issues to help get a better price on

• Cont. on page 9

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# Wheelman offers affordable auto-steer technology for tractors of any age

When producers think of auto-steering systems for their tractors, a common belief is that the age of the tractor could be a limiting factor. AgJunction, the pioneer of precision guidance and auto-steer technology, recently introduced Wheelman, a system that can be used on virtually any tractor, regardless of age.

The cost of auto-steer systems have also prohibitive for smaller or beginning farmers, another factor addressed by Wheelman. At under \$4,000 it is the ultimate auto-steer system that any farmer can afford. The cost savings in inputs such as fuel, seed and fertilizer by eliminating costly overlaps, as well as time saved, can quickly pay for the unit. There is no subscription required and updates to the Whirl app that powers it are free.

Wheelman Pro, at a cost

of \$3995, is a hard-mounted device that is installed by removing the steering wheel and mounting it underneath. The wiring harness, mounting brackets, antenna and Whirl app are all included.

Wheelman Flex clamps on underneath the steering wheel and can easily be moved from machine to machine. The cost for it is \$4495 and also includes the mounting equipment and app.

Calibrating the unit takes just minutes.

Roger Anderson, who farms in the Westmoreland and Wheaton area, purchased a Wheelman Pro last February to mount on his 2006 MXU 115 Case IH tractor that he uses mainly for spreading fertilizer on brome and spraying. He said it took him two and a half to three hours to install. "I just followed the directions and it was a piece of cake,"



Wheelman products are easy to install and no subscriptions are required.

he said. He did have to call tech support to get the app installed. "I'm not that technically advanced," he admitted. "But I got along all right with it. I had to call tech support, but the guy was really helpful and walked me through it." Anderson says that about 90% of his ground is terraced, so he expects the Wheelman Pro to help immensely with overlaps. While he doesn't spend a great deal of time in that

tractor, he said he can tell the device is definitely going to help alleviate some of the stress and fatigue.

As for buyer's remorse, there is none for Anderson, who believes Wheelman Pro was a good investment and one that he would make again. "I haven't regretted it for a minute," he said.

More information about Wheelman can be found at [www.handsfreefarm.com](http://www.handsfreefarm.com).

## MKC enters into letter of intent to acquire Mid-West Fertilizer

Mid-West Fertilizer, Inc. and MKC have entered into a letter of intent for MKC to acquire Mid-West Fertilizer, a full-service agricultural retailer headquartered in Paola.

Mid-West Fertilizer president and CEO Rod Silver said, "As our company enters into 40 years of existence, this is the right transition for our customers, employees and company. When we looked to the future, it was important to partner with an organization that would bring value to producers, provide our employees' career development opportunities and allows our organization the opportunity to continue to be successful. MKC is the right partner to make that happen."

The acquisition will include grain, wholesale and retail agronomy, energy, feed and trucking. It is expected to be completed in early 2020. MKC and Mid-West Fertilizer have worked beside one another for three years through their relationship with Team Marketing Alliance, LLC, a majority-owned subsidiary of MKC.

"The potential acquisition provides efficiencies in current operations, opportunities to expand our services to producers' operations in our footprint and increase relevance in the industry. Like Mid-West Fertilizer, MKC shares similar values and a commitment to community stewardship," Silver said.

Dave Christiansen, MKC president and CEO, said Mid-West Fertilizer is a successful organization with talented employees who MKC looks forward to working with to continue to make producers more successful. "Together, we have identified benefits and opportunities we can gain by combining the organizations, which will allow our companies to continue to achieve more success," Christiansen

## and due diligence necessary to finalize an acquisition. Silver will continue to lead Mid-West Fertilizer after the acquisition.

said.

Mid-West Fertilizer and MKC are currently completing the required legal documents

## Fall harvest is a Riffel family favorite

Cont. from page 8

crops. "We'd rather sell a product than reply on government payments," Riffel said. "It's helpful, but it doesn't make up for the damage done. We also have a lot of surplus grains from past harvests still around."

At the annual sorghum producers meeting in Garden City, producers heard from industry leaders on the status and diagnosis of the current realities.

"It seems like we're at a disadvantage because we don't have feedlots or ethanol around locally to sell to directly," he said. "Some farmers can deliver straight from their bins at a higher cost. Exploring some of those direct market opportunities may be helpful."

Riffel said farmers may be able to see some smaller benefits from the trade deals with Mexico and Canada, if Congress can pass these opportunities.

"It's unfortunate that farmers are taking such a big hit," he said.

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<sup>1</sup> Kansas Department of Agriculture (farming & processing) • <sup>2</sup> U.S. Census Bureau • <sup>3</sup> National Agricultural Statistics Service • <sup>4</sup> United Soybean Board • <sup>5</sup> National Biodiesel Board

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# 2019 OUTDOOR EDITION

## Extreme floods unearth ancient bear skull in south central Kansas

A mid-August kayak trip down the Arkansas River in south central Kansas took a fascinating turn for sisters Ashley and Erin Watt when they happened upon a massive skull protruding from a sandbar. It was partially buried nose down, but they immediately knew the shape was unique. When they pulled it from the sand and saw the large teeth of a carnivore, they knew they had something special.

With a little research, Ashley and Erin determined they had likely found a bear skull. They shared their exciting discovery in a Facebook post, which caught the eyes of local Kansas Department of

Wildlife, Parks and Tourism (KDWPT) game warden Chris Stout. Stout shared the photos with colleagues, and they eventually reached Sternberg Museum of Natural History paleontologists Dr. Reese Barrick and Mike Everhart who provided insight into the significance of the finding.

While Barrick and Everhart quickly verified the sisters' suspicions that this was a bear skull, the large size – approximately 16 inches long by 8.5 inches wide – and fossilized appearance left them questioning whether this was a modern grizzly or a more primitive species from the past. The skull is believed to have been deposited into the



When Ashley and Erin Watt discovered this skull sticking out of a sandbar, they had no idea it would be as unique of a find as it turned out to be.

Ark River sands – an excellent substrate for preservation – and maintained there until it was displaced by this year's historic floods.

"The bear skull was washed out of the same river

sediments that routinely produce the skulls and bones of the American bison, some of which could date back as far as the last Ice Age," said Everhart, who serves as the Adjunct Curator of Paleontology at the

Sternberg Museum. "Whether it is hundreds or thousands of years old, the skull gives us a better insight into the richness of life on the plains before Western man."

Grizzly bears are native to Kansas and are thought to have occurred throughout most of the state, but history suggests the species was likely extirpated by the middle 1800s. Perhaps the most likely scenario is that this skull did belong to the modern species. Though old enough to have partially fossilized, the skull is in excellent condition; except for the loss of a few minor teeth, it is largely intact and minimally worn.

historical accounts of grizzly bears in Kansas, this could be the first physical evidence of their former presence, pending species verification, of course.

"It's been pretty amazing not only discovering the skull but also the crowdsourcing used to determine how truly exceptional this find is," said Ashley. "We can't wait to see what further information can be uncovered about this incredible animal."

Ashley, a former agriculture teacher at Oxford Jr./Sr. High School, and Erin, an Animal Science student at West Texas A&M University, have graciously donated the specimen to the Sternberg Museum in Hays.

## Agencies warn of seasonal increase in vehicle-deer crashes

Mating season and the quest for more secure habitat have deer on the move this time of year, increasing the chances of deer-vehicle collisions.

Typically, the greatest number of deer-vehicle crashes are in mid-November when the rut, or mating season, peaks. In addition to the rut, deer are also on the move in mid-fall seeking new food sources and shelter as crops are harvested and leaves fall from trees

and shrubs, leaving them less secure than in their summer habitats.

"Wet weather this year may cause some deer to cross roads in new places and the additional vegetation growth could make deer harder to see until they are in the road. The approaching breeding season increases deer movement, and the cooler weather, along with young deer dispersing to find new home ranges, mean more deer may be crossing the

roads," said Levi Jaster, Kansas Department of Wildlife, Parks and Tourism Big Game coordinator.

According to the Kansas Department of Transportation, 10,734 (16.5 percent) of the 64,933 vehicle crashes reported in 2018 were deer-related (crashes in which a deer and vehicle actually collided, or the presence of a deer was a contributing circumstance). Although crashes involving deer occur throughout the year in every Kansas county, the highest number of crashes typically occur where there are the most vehicles. Sedgwick County had 418 deer-vehicle crashes reported in 2018, the most of any county, while Butler County followed with 384 reported deer-vehicle crashes.

"In addition to potentially causing human injuries and

loss of life, deer collisions often cause significant vehicle damage that can lead to large expenses for the vehicle owner if not properly insured," said Shawn Steward, Public and Government Affairs Manager for AAA Kansas. "Of the animal strikes reported by AAA Insurance policy holders during the five-year period between 2014 and 2018, the average cost per claim was nearly \$4,300."

The Kansas Highway Patrol (KHP) cautions drivers to refrain from making exaggerated maneuvers to avoid a deer in the road, lest a bad situation become even worse.

"If you are unfortunate enough to have a deer enter the highway in front of your car, it is best to hit the animal and not swerve to avoid it," said the KHP's Lt. Adam Win-

ters. "Often, we find more serious crashes occur when you swerve to miss the deer, potentially losing control of your vehicle, leaving the road or veering into oncoming traffic."

The agencies recommend the following to help motorists avoid crashes with deer:

Be especially watchful at dawn and dusk, when deer are more active.

If you see one deer, watch for others, as they seldom travel alone.

Reduce speed and be alert near wooded areas or green spaces, such as parks and golf courses, and near water sources such as streams and ponds.

Deer crossing signs show areas where high numbers of vehicle/deer crashes have occurred in the past. Heed these warnings.

Use bright lights when there is no oncoming traffic and scan the road ahead of you to watch for deer.

Don't swerve to avoid hitting a deer—the most serious crashes sometimes occur when motorists swerve and collide with another vehicle or run off the road and hit an obstacle.

Always wear a seat belt and use the appropriately fitted

child safety seats—they are your best defense should you be involved in a crash.

Honk your horn with one long blast. A long blast on your horn may frighten large animals, such as deer, away from your vehicle. The Insurance Information Institute (I.I.I.) advises against relying on devices such as deer whistles and reflectors, which have not been proven to reduce collisions with animals.

If you do strike a deer, here are some additional tips:

Slow down, move your vehicle to the shoulder if possible, and call for law enforcement. KHP dispatch can be reached at \*47, Kansas Turnpike at \*KTA, and local law enforcement at 911. Make sure you tell the dispatcher if the animal or your vehicle is still in the road.

If you hit a deer or other animal, do not worry about removing the animal. Law enforcement can remove the animal from the road when they arrive. Don't go near a wounded animal. A frightened and wounded animal can be unpredictable.

Turn on your hazard lights

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Esbon Community Center — ESBON, KANSAS  
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**Property Location:** From the int. of Hwy 112 & Hwy 36 (Esbon int.) travel West on 36, 2 mi. to 30th Rd, then south 2 mi. to N Rd. Property located .25 mi. south or west of intersection of N Rd & 30th Rd.  
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Property located 1 mile south of Hwy 16 at Onaga on Victory Rd. Property is on the west side of the road. LOOK FOR SIGNS.  
Legal Description: NE/4 10-7-11. Consists of 126 acres grass m/l. Primarily native grass w/some cool-season grasses in the low laying areas. Three ponds are located strategically to ensure even grazing. Perimeter fences that go w/this property are 5 wire and in very good condition. An older set of pens could be functional w/ some repair. Also contains 30 m/l acres of broke farmland. Fields lay low along the bottom and appear quite fertile. Several wet spots appear in the north portion during wet years such as 2019.  
Auctioneer's Notes: This is one of the very nicest quarters in the area with possibilities to either expand an operation or to invest in very productive land. The pasture is extremely free of brush - cattle can't hide from you in this pasture! Great opportunity! Hope to see you at the Auction  
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**Sealed Bid Land Auction** (bids due October 28) — 1,670 acres m/l of Dickinson County land in 9 tracts or combinations, 3,500 head feedlot, 999 head feedlot, 5 individual tractors of tillable. Contact Vaughn Roth Land Brokers, Cameron Roth - www.vaughn-roth.com.

**Sealed Bid Land Auction** (bidding ends November 13) — 134 acres m/l of Riley County land. Jason Wallingford, TrophyPA.com

**October 21** — 1/4 section Washington County farmland held at Greenleaf for Robert & Annette Harlan and Linda Nelson. Auctioneers: Bott Realty & Auction.

**October 22** — 156 acres m/l of Riley County land including terraced, tillable dryland cultivation, pasture, timber, pond, waterway and wildlife habitat with sheds & grain bin held at Leonardville. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

**October 22** — 2 square sections irrigated cropland w/ section sprinklers, located SE of Garden City. Auctioneers: Farm & Ranch Realty, Inc.

**October 22** — Fall Classic Production Sale held at Claffin for B&D Herefords & Angus.

**October 24** — Commercial generator, snow blade for truck, tool boxes, wood chippers, fence, Cub Cadet tractor, mowers, mulchers, household & much more at Manhattan for Riley County Surplus Auction. Auctioneers: Ruckert Realty & Auction.

**October 24** — 106.80 acres m/l of Greenwood County Native Grass land held at Madison for 4 J's, LLC. Auctioneers: Griffin Real Estate & Auction Service, LC.

**October 24** — Female sale held at Louisburg selling Elite Cow Calf Pairs, Bred Heifers and Show Heifer Prospects for Jensen Brothers.

**October 25** — 200 acres m/l Decatur County, KS cropland NW of Leoville on Hwy. 383. Auctioneers: Farm & Ranch Realty, Inc.

**October 25** — Cow sale at Garnett. Anderson County Sales Co., LLC.

**October 26** — Antique & collectible furniture, furniture & more, small collectibles, lawn items, tools & more held at Strong City for Don Cannon. Auctioneers: Hancock Auction and Real Estate.

**October 26** — Pony Express collectibles, antiques & collectibles, furniture, household, outdoor & more held at Emporia. Auctioneers: Flint Hills Auction, Gail Hancock.

**October 26** — Machinery, equipment, hay, trucks, trailers, cattle equipment, motorcycles, guns, tools & misc., jet ski, mowers, camper & boat held at Leon for consignments. Auctioneers: Jack Newcom Realty & Auction.

**October 26** — Real Estate (2BR, 1 BA bungalow on 2.8 acres m/l, barn & outbuildings, hunting & fishing); vehicles, equipment, outdoor, shop items, household, guns & ammo held at Burlington for James Webster. Auctioneers: Yoder Auction Service, Ben Yoder, James Yoder, Jr. Miller.

**October 26** — Real Estate (older home & corner lot); 2007 Chevy pickup (low miles), Beer advertising lights, beer & bar collectibles, other collectibles, coins, household & misc. held at Burlington for Robert Barton & Lorraine Gay Trust. Auctioneers: Darwin W. Kurtz, broker & auctioneer.

**October 26** — Tractors, combine, trucks, trailers, shop equipment & misc., concrete tools, machinery, ATVs, lawn & garden held at Valley Falls for Linda & the late Jim Metzger. Auctioneers: Harris Auction Service, Dan Harris, Larry Harris, Cody Askren.

**October 26** — '05 & '06 Corvettes, 4' wood Indian, music instruments, Baby Grand piano, ZTR mowers, snow blowers, shop, tools, fishing gear & more held at Halstead for Kenny Dent Estate. Auctioneers: Auction Specialists.

**October 26** — Real Estate (36 acres riginshomes.com on real estate); Tractor, farm implements, lawn mowers, farm & shop supplies, guns, chickens and animal mounts, butchering supplies, antiques, household & collectibles held near Buhler for John & Joyce Yoder. Auctioneers: Morris Yoder Auctions.

**October 26** — Furniture, collectibles, glassware, miscellaneous for Melvin Krum Estate from Northwood, Iowa; 1948 Hudson Commodore Eight Series 484 collector car, 1999 Chevy Silverado 4x4 truck for Lance Burr Estate held at Lawrence. Auctioneers: Elston Auctions.

**October 26** — Vehicles including trucks & SUVs, car trailer, display ramp, shop equipment, special tools, manuals parts & more held at Marysville for Pony Express Auto, Inc. Auctioneers: Olmsted & Sandstrom.

**October 26** — Furniture, household, antiques, collectibles, tools, outdoor items, trapping, hunting, fishing supplies held at Abilene. Auctioneers: Chamberlin Auction Service, Kenny Chamberlin.

**October 26** — Van, antique furniture, collectibles, guns & tools held at Hesston for Duane & Billie Barker. Auctioneers: Van Schmidt Auction.

**October 26** — Real estate: Grand Victorian home built in 1893, wrap around porch, large patio; Wurlitzer Nickelodeon, antique furniture, collectibles, Coca Cola Grandfather clock, costume jewelry, new reproduction gas cook stove, retro furniture & so much more held at Junction City for Charles & Donna Lundeen Estate. Auctioneers: Gannon Real Estate & Auctions.

**October 26** — Power tools, tools & special tools, collectibles, miscellaneous, parts & manuals & more held at Beatrice, Nebraska for Delbert Rahe Estate. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

**October 25 & 26** — 57 Antique Tractors including IH Farmall, Allis Chalmers, JD & more, 2 Airplanes, vehicles, other equipment, machinery & parts held at Andover. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc.

**October 26** — Over 50 guns, fishing poles & items, tools, traps, misc. gun related items, collectibles, bridles, bits, roping saddle, spurs, ropes, etc. & more held at Portis for Roger Miller Estate. Auctioneers: Wolters Auction & Realty, Col. Jim Wolters.

**October 26** — MF 175, MF 65, mowers, tillers, Bush Hog, huge selection of antique & modern tools, glassware, advertising signs & more held at Ottawa. Auctioneers: Wischropp Auctions.

**October 26** — 160 acres m/l of Washington County land consisting of prime farmland, hunting possibilities held at Linn for Brett & Susan Langfritz. Auctioneers: Midwest Land and Home, Mark Uhlik, Jeff Dankenbring.

**October 26** — 220.61 acres m/l of Marshall County land consisting of cropland, pasture, home & buildings held at Marysville for Herb Plegge. Auctioneers: Midwest Land and Home, Jeff Dankenbring, Mark Uhlik.

**October 26** — Large commercial and personal property auction held at Clay Center for THERM-SEAL. Auctioneers: Kretz Auction Service.

**October 27** — Toy & collectible auction held at Wamego including John Deere toys, JD collectibles/decor, GI Joes, military figures, action figures, models & game cards & more. Auctioneers: Crossroads Real Estate & Auction, LLC.

**October 27** — Guns, fishing items & coins held at Council Grove for a private seller. Auctioneers: Hallgren Real Estate & Auctions, LLC.

**October 29** — 275 acres m/l of Jewell County land in 4 tracts consisting of native grass and an 8-bedroom home held at Esbon for Thomas & Karen Newbren. Auctioneers: Midwest Land & Home, Jeff Dankenbring, listing broker and Mark Uhlik.

**October 29** — 161 acres m/l of Clay County farmland held at Morganville. Auctioneers: Farmers National Company, Van Schmidt, auctioneer; Fred Olsen, AFM/agent.

**October 29** — 160 acres m/l of Shawnee County meadow/hayland with timber for hunting land held at Topeka. Auctioneers: Farmers National Company, Van Schmidt, auctioneer; Fred Olsen, AFM/agent.

**October 29** — 320 acres m/l Barton County, KS irrigated & dryland w/production, East of Ellinwood - selling in 2 tracts held at Ellinwood for Sieker Ag, LLC. Auctioneers: Farm & Ranch Realty, Inc., Don Hazlett, broker.

**October 30** — Fink Beef Genetics Angus & Charolais Bull sale held at Randolph.

**October 31** — 240 acres cropland & grass NW of Hill City. Auctioneers: Farm & Ranch Realty, Inc.

**November 1** — 1999 Porsche 911 Turbo couple, guns, large amount of furniture, antiques & miscellaneous held at Eureka for Art & Heidi Teichgraber. Auctioneers: Sundgren Auction.

**November 1** — Moser Ranch 28th Bull sale at private treaty offering SimAngus, Simmental and Angus bulls held at the ranch in Wheaton.

**November 2** — International tractor, backhoe & front loader, grain wagon, sprayers, farm machinery, sleigh runners for horse drawn buggy, shop tools & equipment, household & antiques, furniture & more at St. Marys for Norman F. Marstall Estate, Shirley J. Marstall. Auctioneers: Gannon Real Estate & Auctions.

**November 2** — 397 acres m/l of Labette County land sold in 3 tracts held at Cherrysvale. Auctioneers: Chesnut & Chesnut

**November 2** — JD TS 4x2 utility vehicle (Gator), JD 4440 tractor, Case IH 8575 Silage Special large square baler, more farm equipment, 12x17 steel 12 crate farrowing building to be moved, tools & more held at Lawrence for Jim & Jerri Baldwin with farm consignments from Charles & Margaret Hodges. Auctioneers: Elston Auction, Mark Elston & Jason Flory.

**November 2** — Absolute Nemaha County land auction in 2 tracts held at Seneca for Elmer & Irene Niekamp Trust. Auctioneers: Seneca Realty, Mike Kuckelmann, Dale Wilhelm.

**November 2** — Tractors, trucks, farm machinery, tools,

antiques, collectibles, furniture, household, leather tools, fishing gear, crocks, dolls & more held near Harveyville for Larry Hill. Auctioneers: Macy Real Estate & Auction.

**November 2** — 313.74 acres m/l of Republic County cropland held at Scandia for R&B Land & Cattle. Auctioneers: Midwest Land & Home, Jeff Dankenbring, listing broker and Mark Uhlik.

**November 2** — Farm machinery & equipment, stock trailer, 2005 Ford F350 XL Super Duty w/crane, vintage hay grapples, Kawasaki 250 4-wheeler, NH TC210 tractor, NH 914A finish mower, cultivators, swather, disc, Dressor Grader, trucks, construction equipment & so much more held at Herington for The Late Stanley Fells Estate. Auctioneers: Ruckert Realty & Auction, Jeff Ruckert.

**November 2** — Antiques, collectibles, antique furniture, vintage toys, dolls, jewelry, books & more, Model T truck, tractor & car and household at Brookville for Connie Lill Estate. Auctioneers: Thummel Real Estate & Auctions, LLC.

**November 2** — Tractors, trucks, combine, machinery, furniture, household, antiques & collectibles held at Harveyville for Larry Hill. Auctioneers: Macy Realty & Auction.

**November 2** — Real Estate (2 bedroom, 2.5 bath ranch-style home on a large 1.6-acre lot); Ford tractor, farm equipment, tools, household & shop held at Wamego for Larry Bammes Estate. Auctioneers: Morgan Riat, Foundation Realty.

**November 2** — Irvine Ranch Annual Production Sale held at Manhattan offering Simmental and SimAngus bulls and females.

**November 3** — Furniture, small appliances, glassware, collectibles, equipment, tools & miscellaneous held at Junction City for Mfg. John Hansen & Yon Hansen Estate. Auctioneers: Brown Real Estate & Auction Service, LLC.

**November 3** — Antiques, furniture, collectibles, household, modern furniture, Yamaha Clavinova CVP200 electric piano touch keyboard, signs, mower, tools & more held at Randall for Marilyn Joerg & Warren Joerg Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

**November 3** — Consignment gun auction including approx. 200 guns held at Salina. Auctioneers: Wilson Realty & Auction Service.

**November 4** — 155 acres m/l of Farmland & Hunting Land in Lincoln County, KS held at Sylvan Grove. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

**November 6** — Antiques, collectibles including furniture, crocks, glassware & dishes, yard items & more held at Osborne for Ramona Acre. Auctioneers: Thummel Real Estate & Auction, LLC.

**November 7** — Large 2-story home on corner lot, converted into four apartments held at Manhattan for Stunkel Trust. Auctioneers: Gannon Real Estate & Auctions.

**November 7** — 646 acres m/l of Dickinson, Ottawa & Saline County farmland held at Abilene for Betty Helen Butler Estate. Auctioneers: Reynolds Real Estate & Auction Co.

**November 7** — 480 acres Clark County, KS cropland & grass South of Dodge City - East of Minneola - 2 tracts. Auctioneers: Farm & Ranch Realty, Inc.

**November 9** — Guns,

ammo, reloading & military items, tools, BBQ grills, mowers, household, antique pool table, antique dining room table, whiskey decanters held at Topeka for Larry C. Saylor Estate. Auctioneers: Gannon Real Estate & Auctions.

**November 9** — Household, antique & farm retirement auction held at Belvue for Rallond & Janet Wohler. Auctioneers: Morgan Riat, Foundation Realty.

**November 9** — Fall Bull sale selling Angus, Red Angus, SimAngus, 15 age advantage 18-month-old bulls, 15 yearling bulls held at Manhattan Commission Co., Manhattan for Cline Cattle Co.

**November 10** — Collectibles including furniture, political buttons, pocket knives, vases, pocket watches, vintage pictures & frames, marbles, 3' wooden carousel horse, vintage lamps & much more held at Lawrence for Forrest & (late Joy Lou) Dryden. Auctioneers: Elston Auctions.

**November 11** — Complete Dispersal of the Spring-Calving Herd held at Cottonwood Falls for Hinkson Angus Ranch.

**November 12** — 80.9 acres m/l in Coffey County including wildlife habitat, cropland & grass held at Lebo for Betty Sullivan. Auctioneers: Griffin Real Estate & Auction Service, LC.

**November 14** — 2008 Buick Lucerne CXL, antiques & collectibles including 380 head vases, 280 bobble nodders, furniture, Roseville, glassware, lamps & more held at Mankato for Glenn Foggo. Auctioneers: Thummel Real Estate & Auction, LLC.

**November 15** — 6,000 acres m/l cropland, grass & CRP at Cheyenne Wells, CO - 16 tracts. Auctioneers: Farm & Ranch Realty, Inc.

**November 16** — Farm machinery & misc. held Northeast of Abilene for Jared Hoover. Auctioneers: Kretz Auction Service.

**November 17** — 197 acres m/l of Northwestern Pottawatomie County land including timber, grassland & hayland, wildlife habitat, 2 bedroom ranch-style home, outbuildings; also selling tools held at Olsburg for Edward Jones Trust Company, trustee of the Charles Scott, Jr. Trust. Auctioneers: Cline Realty & Auction, LLC.

**November 18** — Farm machinery held South of Abilene for Greg & Kari Beeth. Auctioneers: Kretz Auction Service.

**November 19** — 1,414.62 acres in 5 tracts in Marion County including grass, watershed, cropland & wildlife held at Marion for Tim & Lisa Donahue (Trusts) and Andrew & Krista Donahue. Auctioneers: Griffin Real Estate & Auction Service, LC.

**November 19** — 480 acres Sheridan County, KS cropland & grass NE of Hoxie near Lucerne - 4 tracts. Auctioneers: Farm & Ranch Realty, Inc.

**November 21** — 156 acres m/l of highly productive Northern Pottawatomie County pasture & farmland held at Onaga for Jolea Matzke. Auctioneers: Murray Auction

& Realty, Steve Murray.

**November 23** — 2-story, 3BR home, 2 detached garage & outbuildings, 2017 Toyota Corolla, furniture, antiques, collectibles, advertising, household, tools & misc. at Leonardville for Harold (Sprug) & Margery Burgman Trust. Auctioneers: Gannon Real Estate & Auctions.

**November 23** — Farm machinery & collectible items held Northeast of Riley for Eldo & Elaine Heller Trust. Auctioneers: Cline Realty & Auction, LLC.

**November 23** — Annual Bull Sale held Northwest of Eureka for Dalebanks Angus.

**November 30** — Tractors, trucks, skid loaders, balers, construction equipment, good line of farm equipment held at Enterprise for Lyle Diehl Estate. Auctioneers: Reynolds Auction Service.

**December 1** — Estate gun auction selling approx. 150 guns held at Salina. Auctioneers: Wilson Realty & Auction Service.

**December 2** — Farm machinery & livestock equipment held in NW Dickinson County near Longford for Verl Wolf Estate. Auctioneers: Kretz Auction Service.

**December 7** — Consignment sale held at Salina. Auctioneers: Wilson Realty & Auction Service.

**December 7 & 8** — selling 12-7' Indian item collection including jewelry, pictures, blankets, prints & collectibles and Halloween & Christmas items; selling 12-8' Furniture, dolls, toys & collectibles held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

**December 10** — Farm Machinery & equipment auction at Cheyenne Wells, CO. Auctioneers: Farm & Ranch Realty, Inc.

**April 11, 2020** — Fink Beef Genetics Spring Angus and Charolais Bull Sale held at Randolph.

## Deer Crashes

**Cont. from page 10**

and remain buckled up inside your vehicle. You are more protected this way, should a secondary crash occur.

If you must be outside your vehicle, make sure it is as far off the road as possible, and do not stand between your vehicle and another one. Keep children buckled, and in car seats in the vehicle. Be vigilant and watch traffic to ensure they aren't getting close to you.

Anyone involved in a vehicle-deer crash resulting in personal injury or property damage that totals \$1,000 or more is required to immediately report the crash to the nearest law enforcement agency. Failure to report any traffic crash is a misdemeanor and may result in suspension of driving privileges.

A salvage tag is required to remove a deer carcass, or any part of the carcass, from the crash site. Tags can be issued by KHP troopers, sheriff's deputies, or KDWP game wardens.

## AUCTION

**SATURDAY, NOVEMBER 2, 2019 — 9:30 AM**  
**LOCATION: HARVEYVILLE, KS. 10300 Dragon Creek Rd., go 2 mi. North of Harveyville on Harveyville Rd., then East on Dragon Cr., 1 mi. WATCH FOR SIGNS!**

**Concessions by Barb Hewes**

**TRACTORS, TRUCKS, FARM MACHINERY:** 1981 Ford 7700 tractor, cab, h/a, 3 pt, dual hyd, 540 & 1000 pto, new rear tires, 5608 hrs; 1985 Allis 6070 tractor w/ 460 loader, 3 pt, dual hyd, 540 pto, new rear tires, ROP; 1985 IHC 1460 axial flow Combine, rice tires, w/820 14.5' flex hd; 1979 Ford 7000 truck, cab 3208 dies eng, 5x2, 16.5 steel bed, fuel shut off needs repaired; 1970 Ford 600 truck, 330 gas eng, 4x2, new rear tires; 1968 IHC 1600 truck, V8 4x2, steel 16' bed ; JD 653-6 row head w/IHC adapter; INT 800 cyclo planter 6 row, 30", dry fert, 1000 pump, 3 drums; INT 400 cyclo planter, 4 row, 36", dry fert, 540 pump, 3 drums; IHC 5100 soybean special drill, 21x7, dbl disc w/press, 1 box; JD FBB drill, 17x7; JD 145 semi mnt plow 4x16; INT 370 tandem disc, 14'; INT 330 tandem disc, 12'; INT 45 field cultivator, 14' w/tine harrow; Krause 22' field cultivator w/tine harrow; Glenco soil saver 12' chisel, 9 curled shanks; 225 bu gravity flow box on 2 wheel running gear; Bushhogg 2512 mower, 3pt, 12', 1000 pto; IH 1100 trail mower, 9'; MF cultivator, 3 pt, 6 row, 30"; NH 352 grinder/mixer; 3 pt mounted post hole digger, 12" auger; Woods 3 pt blade, 8', cat 2; 3 section cultipacker; 3 pt spring tooth; 12'; 250 gal propane tank on trailer; fuel transfer tank, split, 100 dies / 50 gas, 12 volt, 1 pump; 4 wheel header trailer; (2) 4 wheel hay trailers 14'; Philson chute; Sack cement mixer, skid str mnt, hyd; 18-4-28 tractor tire; pig creep feeder, new floor; Powermate 5000 generator, 110 - 240vac, Maytag motor; Reddy heater 40,000 btu, kerosene; oil and grease dispensers.

**TOOLS:** Central Pneumatic 1" drive air impact; impact sockets; DR string trimmer, 5 hp, walk behind; Rockford drill press, 20"; Makita Sawzall; Platform scale w/weights; 110 & 220 air compressors; 20' alum ext. ladder; 4 1/2' bench vise on stand; 7" post vise, R.R?; misc hand tools; log chains; engine stand; bench mnt drill press; hyd & floor jacks; chain hoist; stillard scales; Briggs & Stratton vertical shaft motor 11.5 hp; kerosene stove; wood stove.

**ANTIQUES & COLLECTIBLES:** Santa Fe & ATSF items: 1995 calendar, decor plates, 3) posters, framed train & western pictures; 5) Ant photo albums; enam warmer box, wood stove; Tokiem fuel pump; iron baby & 3/4 beds; Ant drill press; Louden Senior hay pulley 3) CI boilers; metal tobacco stand; safety razors; antique toys; silver pitchers; antique dressing table; flat top trunk; wood sewing basket; port sewing machines; Antique tools and gadgets; misc glassware; old decanters and bottles; 5 gal cream can.

**FURNITURE & HOUSEHOLD:** 3 pc entertainment cabinet; hall tree w/mirror; recliner; hide-a-bed; love seat; granite top rd end table; lots of canning jars.

**LEATHER TOOLS, FISHING GEAR & MORE:** Tooling leather; number & letter stamps; leather scabbards; Eagle Claw dp sea rod & reel; Open face alum reel; #309 Penn open face reel; Softub 4 per hot tub; Brunswick pool table, 7'; 35 mm camera; 30 gal aquarium. **CROCKERS:** #2 to #10 Redwing, Diamond, Western, Blue leaf crocks & butter churns. **DOLLS:** 1950 promotional dolls; 1970 Barbie & Ken; 2 many dolls.

**Partial listing. Many more items. May run 2 days. Pictures & more info: www.kansasauctions.net**

**SELLER: LARRY HILL**

**Sale conducted by: MACY REALTY & AUCTION**  
 Alta Vista, KS • 785-499-5313  
 Auctioneers: Carey Macy & Colter Macy  
**TERMS:** Cash or check. Nothing removed until settled for. Not responsible in case of accident. Announcements day of sale take precedence.

## TOY, COLLECTIBLE & FURNITURE AUCTION

**SUNDAY, OCTOBER 27, 2019 — 1:00 PM**

**AUCTION LOCATION: Wamego Senior Center WAMEGO, KANSAS**



**FARM TOYS (APPROXIMATELY 150)**

**Brands:** John Deere, Case, International, Oliver, Kubota & Ford (mostly 1/16 scale, but small amounts of 1/64, 1/32 & 1/64); including Precisions, Prestige Collection, Toy Farmer, Demonstrators, Dealer Models and other special editions.  
**John Deere items:** Buckles; lighters; signs; tins; serving trays; license plates; watches; banks; salt/pepper shakers; artwork; clocks; wind chime; lunchbox; radiator frame shelf (custom).  
**GI Joes:** 12" figurines (30+); Phantom x-19 (2); Cobra Condor, accessory sets (10+); VINTAGE accessories of all kinds (see website for pics); GI Joe Headquarters; trading cards.  
**Other figurines & accessories:** Ultimate Soldiers; Small Soldier; Soldiers of the World

**Starwars (mostly in packages):** Figurines Millennium Falcon, Imperial AT, battle packs, poster and other related items.

**Misc. Collectibles & Toys:** Budweiser lighters; baseball cards; Looney Tunes; StarTrek; X-Men; Toy Story; Lord of the Rings, Texaco bank, Tru Value Bank.

**Furniture:** Solid wood hutch; book shelves; bar stools; wall clock; corner shelf; roll top desk.

See our website for full list of Farm Toys & GI Joe Figurines!

Check us out on Facebook & Online for more info [www.kscrossroads.com](http://www.kscrossroads.com)

[www.facebook.com/KScrossroadsauctions](http://www.facebook.com/KScrossroadsauctions)

**Crossroads Real Estate & Auction** ANDREW SYLVESTER, Auctioneer, 785-456-4352

BILL DISBERGER, Auction Coordinator 620-921-5642 • bill@kscrossroads.com

TERRI HOLLENBECK, Broker/Owner, 785-223-2947

## LAND AUCTION

**161± Acres • Clay County, Kansas**



**Tuesday, October 29, at 10:00 AM**  
**at the Community Center • Morganville, Kansas**

• Tract 1: Level, Class I soils, blacktop access, one mile from Morganville and elevator.

• Tract 2: Good farmland with Class II and III soils, timber, located four miles northwest of Morganville.

For property details, please contact:

**Fred Olsen, AFM/Agent**  
**Manhattan, Kansas**  
 (785) 320-2033 or (620) 285-9131  
 FOlsen@FarmersNational.com

**Farmers National Company**  
 Auctioneer: Van Schmidt

**www.FarmersNational.com**

Real Estate Sales • Auctions • Farm and Ranch Management

Appraisal • Insurance • Consultation • Oil and Gas Management



### Farm Animals In History

Mankind from pre-history to space exploration has always depended on animals for help in their quest for advancing civilization. Granted, often as bait or as guinea pigs but we have depended on them, nonetheless.

After extensive research of my cerebral micro-files I've discovered several remarkable case histories that have affect-

ed the course of our world. For instance, Admiral Perry carried a Canadian goose on his Arctic trek to find the North Pole. Whenever the magnetic field messed up his compass, he would tie the goose to a sled runner with a 50-foot piece of baler twine. The goose, being the only one with enough common sense to fly south would try and take off. Perry and his parakeets would mush in the opposite direction.

Everyone, of course, is familiar with Magellan's pig who sniffed his way through the Straits. In Magellan's defense he did name them the Straits of Yorkshire. But that name was already taken by a group of heterosexuals from

the North of England. So he named them after himself.

The Trojan Horse is legendary but where do you think the Greeks got the idea? That's right... the Trojan Goat. Two years previous, a football team from Texas A&M had tried the same strategy to invade a bar called the Dixie Chicken. Problem was, they could only get two players in the goat at one time so only half the team got dragged into the bar before the bartender got wise. That left five guys still outside.

Even part of our language is derived from famous farm animals. During the medieval crusades King Arthur was dicker with a nomadic Mexican shepherd. Art asked

what he called these beasts. The herder misunderstood and thought he was asking the price. He replied "Cheap." So 'sheep' was added to our English vocabulary.

The Great Jamboni performed at the Colossus in Rome. He had an act that involved jumping his famous cow, Yerker, over a bonfire. One night Yerker stumbled and was consumed by the fire. Next morning the grounds keepers were cleaning up the remains and noticed dry tough remnants of meat clinging to the bones. To this day we still remember that famous cow by naming the discovery in her honor... Yerky.

General Custer always carried a mongrel Blood Hound named Huey who could smell penicillin and warpaint for miles. As the cavalry approached the Little Bighorn, Custer sent Huey over the hill to check it out. Huey returned

agitated. "Well?" asked the impatient Custer. Huey pointed back the way he came. He raced and forth like he was chasing cars, then grabbed the general's wallet and scattered his business cards and took his money. Then he grabbed a stick and shook it. Custer grabbed his wallet back, kicked the dog and yelled, "Charge!"

He never understood the message, which was "more Sioux than you could shake a stick at." If Custer had only been a lawyer he would have known Huey couldn't spell sue and therefore could have prevented disaster.

The dog survived the battle, was adopted by the Sioux and spawned a long line of camp dogs. But his offspring always told the tale of the battle and Chief Sitting Huey.

www.baxterblack.com

### FARM & RANCH REALTY, INC.

**ABSOLUTE LAND AUCTION**  
 320+ ACRES IRRIGATED & DRYLAND with oil production  
 BARTON COUNTY, KANSAS  
 TUES, OCT. 29, 2019 @10:30 AM, CDT  
 AUCTION LOCATION: American Legion, Ellinwood, KS  
 SELLER: Sieker Ag, L.L.C.  
**LEGAL DESCRIPTIONS:**  
 TRACT 1: SE/4 of 27-19-11  
 •152.81 ac cropland  
 •2 irrigated wells & Valley 7-tower electric sprinkler nozzled at 1,000 GPM  
 TRACT 2: NE/4 of 34-19-11  
 •155.92 ac cropland  
**MINERAL RIGHTS:** Believed to be 100% intact and going to Buyers, including oil production on Tract 1.

FARM & RANCH REALTY, INC.  
 1420 W. 4TH - P.O. BOX 947 - COLBY, KS 67701  
 TELEPHONE: (785) 462-3904 OR 800-247-7863  
 Donald L. Hazlett, Broker - www.farmandranchreality.com  
 "When you list with Farm & Ranch, it's as good as SOLD"



### H-F RED ANGUS CATTLE LLC

**For Sale: Fancy Certified Red Angus**  
**Spring-bred heifers & cows.**

Easy calving performance Red Angus bulls. Certified Red Angus Heifers pelvic measured, BVD-PI Neg. & DNA tested.  
 Contracting heifers now for October.

For more info, visit our website at [www.hfredanguscattle.com](http://www.hfredanguscattle.com), or YouTube video at hfredanguscattle, or call Brian 785-479-6048 or Daryl 785-479-0536.  
**Bred with you the Cow-Calf producer in Mind!**

### AUCTION

**SATURDAY, OCTOBER 26, 2019 — 9:00 AM**  
 Offering for sale at Public Auction, located at 7900 NW 72nd, HESSTON, KS from the 4-way stop in Hesston, KS, 1 mile south & 1 3/4 miles west.  
**VAN, ANTIQUE FURNITURE, COLLECTIBLES, GUNS & TOOLS**  
**DUANE & BILLIE BARKER, SELLERS**  
 For full listing go to: [www.hillsborofreepress.com](http://www.hillsborofreepress.com)  
**VAN SCHMIDT • Auctioneer/Real Estate**  
 7833 N. Spencer Road, Newton, KS 67114  
**620-367-3800 or 620-345-6879**  
 Schmidt Clerks & Cashiers/Lunch provided by K&B Catering

## Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

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

RECEIPTS FOR THE WEEK TOTALED 3,263 CATTLE & 166 HOGS.

STEERS	12 mix	Galva	793@152.00
300-400 \$174.00 - \$181.00	22 char	Salina	618@151.50
400-500 \$170.00 - \$179.00	20 red	St. John	640@150.50
500-600 \$153.00 - \$164.25	9 blk	Brookville	557@150.50
600-700 \$150.00 - \$156.50	11 blk	Bennington	825@149.75
700-800 \$146.00 - \$155.00	18 mix	Brookville	643@149.25
800-900 \$146.00 - \$152.85	61 mix	Hope	859@148.50
900-1,000 \$140.00 - \$145.00	122 blk	Lacrosse	870@148.50
	8 blk	Salina	846@147.50
<b>HEIFERS</b>	46 mix	Lacrosse	870@147.00
400-500 \$146.00 - \$155.00	65 mix	Lacrosse	788@146.50
500-600 \$138.00 - \$144.50	224 blk	Hope	943@145.00
600-700 \$136.00 - \$144.75	60 mix	Hope	895@145.00
700-800 \$138.00 - \$143.50	7 mix	Geneseo	905@145.00
800-900 \$127.00 - \$137.00	38 blk	Beverly	936@145.00
	3 blk	Bennington	912@144.00

**THURSDAY, OCTOBER 17 FEEDER SALE:**

STEERS	HEIFERS
4 red Ellinwood 336@181.00	7 mix Douglas 440@155.00
18 blk Burden 441@179.00	4 red Ellinwood 386@153.00
4 red Burrton 425@176.00	4 red Burrton 419@150.00
3 red Ellinwood 425@175.00	37 blk Atlanta 485@146.00
6 blk Douglas 428@175.00	16 red St. John 450@145.00
10 blk Lucas 443@170.00	14 blk Burden 446@145.00
4 blk Lorraine 444@168.00	7 blk Salina 606@144.75
17 mix Lucas 465@168.00	3 blk Salina 595@144.50
4 mix Brookville 424@167.00	20 mix Durham 664@143.75
14 mix Douglas 484@164.50	16 mix Waldo 732@143.50
36 blk Burden 516@164.25	6 blk Durham 602@143.00
5 mix Fairfax, OK 439@164.00	5 blk Salina 689@143.00
5 blk Concordia 541@160.00	11 blk Douglas 494@143.00
13 red St. John 507@160.00	14 mix Fairfax, OK 626@143.00
6 char Salina 523@160.00	35 blk Burden 513@142.50
9 mix Fairfax, OK 532@159.50	14 mix Marion 674@142.50
5 blk Shidler, OK 530@159.50	16 mix Marion 618@142.00
8 blk Shidler, OK 629@156.50	9 blk Marion 651@140.00
21 mix Douglas 549@156.50	7 mix Abilene 688@140.00
4 red Shidler, OK 610@155.50	30 blk Geneseo 793@140.00
5 blk Beverly 605@155.50	20 mix Durham 746@138.00
6 blk Abilene 638@155.00	9 char Salina 536@138.00
18 mix Galva 711@155.00	5 blk Salina 800@137.00
26 blk Douglas 630@155.00	5 blk Carlton 770@137.00
14 red St. John 568@154.75	7 mix Salina 711@135.00
15 red Shidler, OK 676@154.50	9 mix Wilsey 718@135.00
15 blk Beverly 721@154.00	
4 blk Geneseo 710@153.50	<b>MONDAY, OCTOBER 14:</b>
21 mix Salina 720@153.00	<b>SOWS</b>
69 blk Beverly 838@152.85	3 mix Hays 593@34.50
16 mix Brookville 550@152.50	2 wht Abilene 568@30.50

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

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

MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY  
 Hogs sell at 10:30 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.**

HOGS	COWS
2 wht Manchester 283@37.00	2 mix Lost Springs 1588@67.00
27 mix Tesocott 263@36.00	1 blk Lost Springs 1400@67.00
7 mix Manchester 267@35.00	1 char Marquette 1735@67.00
	4 mix Lost Springs 1665@67.00
	4 blk Lost Springs 1483@66.50
	1 blk Salina 1535@62.50
	2 blk Lost Springs 1410@62.00
	1 red Marquette 1450@59.00

BULLS
16 wht Chase 57@35.00
1 char Canton 2065@88.00
1 blk Hesston 1980@87.00
1 char Canton 2235@85.00
1 blk Longford 2140@84.00
1 blk Hesston 1765@83.00
1 red Gypsum 1680@82.00
1 blk Hesston 1665@81.00

CALVES
1 char Delphos 100@400.00
1 bwf Gypsum 180@300.00
1 red Tampa 105@250.00
1 brown Gypsum 140@110.00

### EARLY CONSIGNMENTS FOR THURSDAY, OCTOBER 24

- 103 Black Heifers, off grass, open, 700-750 lbs.
- 100 black steers & heifers, weaned since March, 600-700 lbs.
- 100 blk/Char str & hfrs, homeraised, worm/vacc., 700-800 lbs.
- 50 steers, mostly black, 650-750 lbs.
- 59 black/Charolais steers, 650-750 lbs.

### EARLY CONSIGNMENTS FOR TUESDAY, OCTOBER 29, CALF SALE:

14 s&h 500-600 weaned 60 days vacc, 15 s&h 400-650, 41 blk/bwf s&h 500-600 ltw vacc, 65 s&h 450-500 fall vacc Green Garden sired, 37 s&h 500-600, 50 blk str 500-600 fall vacc weaned, 20 blk s&h 350-500 2 rnd vacc,, 135 blk s&h 450-600 fall vacc, 17 blk s&h 500-600 fall vacc, 18 s&h 600-700, 40 s&h 500-600 Green Garden or Wolf Creek sired, 20 mostly blk s&h 550-600 fall vacc home raised, 30 blk str 600-650 fall vacc knife cut, 27 blk&red s&h 500-600 fall vacc home raised, 110 mostly blk str 500-600 fall vacc, 150 charX & blk s&h 500-600 fall vacc, 110 mostly blk/bwf s&h 550-700 fall vacc, 140 mostly char s&h 500-600 fall vacc Bar S Sired, 130 charX & blk s&h 500-600 fall vacc Bar S sired, 125 blk s&h 600-700 fall vacc knife cut, 40 blk s&h 600-700 fall vacc knife cut, 30 blk s&h 600-700 fall vacc knife cut, 90 angus/charX s&h 450-600 fall vacc, 130 blk s&h 600-700 fall vacc, 110 blk/charX 550-700 fall vacc PI neg, 46 blk str 550-700 TC Ranch genetics, 20 str 650-750 weaned 45 days home raised bunk broke 2 rnd vacc, 30 str 600 weaned fall vaccs, 60 blk s&h 400-500.  
**PLUS MORE BY SALE TIME.**

**Don't forget to get your calves CONIGNED for the October 29th or November 5th Calf sale! We are already getting a good listing.**

### UPCOMING SALES: All Tuesday Sales starting at 11:00 AM

**SPECIAL COW SALES: Tuesday, Nov. 19 • Tuesday, Dec. 17**  
**CALF SALES: Tuesday, Oct. 29 • Tuesday, Nov. 5**  
**WEANED/VACC. SALES: Tuesday, December 3**  
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**BUFFALO SALE: Saturday, December 7**

**IN STOCK TODAY:**

- Heavy Duty Round Bale Feeders
- 6'8" x 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" x 24' GOOSENECK STOCK TRAILER
- 42' ROUND BALE DUMP TRAILERS
- HEAVY DUTY FEED BUNKS (Silage & Grain)
- HEAVY DUTY 5000# GRAIN TOTE

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
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Cattle Sale Broadcast Live on [www.cattleusa.com](http://www.cattleusa.com) 1150 KSAL, Salina 6:45 AM - MON-FRI \* 880 KRVN 8:40 AM - WED.-THURS. \*550AM KFMR - 8:00 am, Wed.-Thurs.

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

