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Carbon credits for livestock sector explored at Countryside Feed Strategic Stockmen Series

By Donna Sullivan, Editor

Countryside Feed, LLC hosted its third annual Strategic Stockmen Series on Friday, July 14 at the Hilton Garden Inn in Manhattan. Topics throughout the day-long event included Monetizing Carbon Markets presented by Kendra Tolley and Corey Scott of Athian; Modern Ag in a Facebook Culture by Dr. Gary Sides, Zoetis Beef Strategic Technical Services; Farm and Ranch Transition Planning by Ashlee Westerhold, KSU; and Livestock Risk Protection Options by Ryan Turner of Stone X. The afternoon also included two breakout sessions, with the choice of topics of Grazing Management by Dr. K.C. Olson, Fetal Programming by Dr. N.T. Cosby, Purina, and Defining Chelated Minerals by Dr. Chris Reinhardt, Zinpro.

While there has been much discussion about monetizing carbon cred-



Kendra Tolley, vice president of product at Athian, and Corey Scott, vice president of sales and marketing for the company, discussed carbon market opportunities with attendees at the Countryside Feed LLC Strategic Stockmen series held July 14 in Manhattan.

its in sustainable cropping systems, another opportunity is beginning to emerge where livestock producers could also benefit from adopting practices that can be proven to

help companies achieve their stated environmental goals. Athian representatives Kendra Tolley, vice president of product and Corey Scott, vice president of sales and market-



ing, spoke to the livestock producers in attendance about how they can get compensated for practices that decrease greenhouse gas emissions from their livestock, or capture car-

bon through their feed production.

"We look at everything through the lens of the producer," Tolley said, adding that Athian exists to empower produc-

ers with the knowledge of the emerging market and how they might be able to participate in it. "Many times the conversation is only looked at through the lens of climate change," she said. "But that's only one piece of the puzzle. We also have to look at our food from the perspective of the economic and societal impacts that our food and ag has on the U.S. and global economy."

"You cannot underestimate the impact the beef industry has on the U.S. economy," she went on. "It represents \$894 billion to the U.S. economy, about 6% of the GDP and represents 59 million jobs in the U.S. alone."

Scott said that agriculture is being elevated to the top of the list as a significant emitter of greenhouse gases by groups looking at climate change. "You don't have to like this," she said. "I'm not

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Jim Slate of Glen Elder plows the first round of the field at the Jewell County Plow Day. The field abuts Couch Cemetery. Slate was using a 464 International Harvester tractor and pulling a Massey Ferguson rolling disk plow. Shown in the foreground is the tombstone for Slate's grandparents, Claude and Faye Topliff Slate. The elder Slate was a long-time Mitchell and Jewell County farmer. Jewell County Plow Day was held on Friday, July 14th near Jewell.

Photos by Kerma Crouse



Bob Koops of Downs is driving a 520 John Deere originally owned by his father, Chester Koops. Riding with him is his grandson Isaac Koops, also of Downs. The two are just putting the plow in the ground at the Jewell County Plow Day held near Jewell on Friday, July 14th.

2023 Jewell County Plow Day held July 14

By Kerma Crouse

Friday, July 14 was a great day for the 2023 edition of Jewell County Plow Day. Joe Eilert, organizer, was glad to see the plows, tractors and operators that kept showing up all morning. At one time there were twenty tractors working in the field and twenty-one were registered for the event.

Operators came from communities like Beverly, Denmark, Downs, Glen Elder, Ionia, Jewell, Salina, Tonganoxie and Zenda in Kansas plus Guide Rock, Martell and Red Cloud in Nebraska. They came to plow, just like in yesteryear. This was not a "no till" event.

The group gathered on Eilert's property beside the Couch Cemetery, lo-

cated at the corner of 160 Road and F Road in Jewell County, Kansas. There were plenty of acres of good plowing. Only rarely, near a terrace, did any soil turn over "slabby."

Kent Ayres from Martell, Nebraska knew about Plow Day because he had attended one before. This year he brought a 35 Massey Harris F Diesel and a two-bottom Ford plow. The plow is "fairly rare" and he has "never seen another one." It is thought it was made sometime in the late 1950s.

Ayres was one of the first to get in the field. He was followed closely by Rich Armstrong from Red Cloud, Nebraska. Armstrong remembered plowing in the same field the last time he attended

Plow Day. He was driving a One-Ninety XT Case International and pulling a 2000 Allis-Chalmers mono frame plow.

Another unique plow belonged to Jim Slate of Glen Elder. He had recently purchased a Massey Ferguson rolling disk plow and was plowing with it for the first time. He and Leo Brown of Glen Elder were making lots of adjustments, working to get the plow level. Slate was pulling the plow with a 464 International Harvester tractor. The tractor is somewhat of a rarity as it was only built between 1973 and 1978.

When Slate put the plow into the field, he followed along the east edge of the cemetery, plowing very near where his grandparents, Claude and Faye Topliff Slate are buried. Claude Slate, a long-time Mitchell and Jewell County farmer, would have appreciated the older tractors and plows in the field. Likely he would have wondered where the horses and mules were.

This year there weren't just plows in the field.

Chase Wagner brought a harrow and a John Deere B tractor to pull it. Wagner grew up in Ionia but now lives in Victoria. His friend, Daskin Hull from Tonganoxie made good use of the machinery.

There was also a springtooth in the field. It belonged to Eilert but was originally owned by the late Clarence Topliff of Jewell. Joe was pulling it with a 4020 John Deere. The 4020 was purchased by his father, the late Ike Eilert, when Joe was six years old.

Dan Topliff, the grandson of Clarence Topliff, was also plowing. He was using his grandfather's Farmall 400. The 400 was what the elder Topliff always used when he was feeding cattle. Dan has had the machine repainted a sparkling and shiny black. His plow was "new to him." A recently purchased "yard art" plow that had no trouble moving from art to the field.

Another tractor with a story was the 4010 John Deere Leon Wagner of Ionia was using. The tractor is said to be the first

4010 sold in Jewell County. It was sold in 1961 by Bob Newell of Mankato to Milford Ost. The second owner was Harold Shoemaker with the third and current owner being Wagner. Wagner came to use the tractor - as he put it, "It's time to get in the dirt."

The oldest tractor at Plow Day was also the only one powered by propane. It was a 1936 International WK40 belonging to Martin Riley of Tonganoxie. According to Riley, the tractor has been modified, it now has "about twice the horsepower" it originally had in 1936. He was using it to pull a steel-wheeled International plow, also from the late 1930s. Riley, like Daskin Hull, learned about Plow Day from Chase Wagner.

Plow Day was a family affair for Isaac Koops of Downs. He was there with his grandfather Bob Koops, also of Downs. The two brought a 4020 John Deere. The tractor was first owned by Isaac's great grandfather, Chester Koops. Isaac comes by his love of old equip-

ment from both his grandfathers, Bob Koops and the late Calvin Bohnert of Jewell.

Another family attending Plow Day was Gary Sorensen and his grandsons, Kale Sorensen and Austin Rosebrook. Austin was the youngest in attendance and was making the rounds to see everything. The Sorensens are from Denmark and Rosebrook from Beverly.

Kale Sorensen was the one doing the plowing. He was using a WD Allis tractor - thought to be made in 1948. His plow was a 316 Allis plow.

Another John Deere, a John Deere 50, was being driven by Dale Slope of Zenda. There was also an Oliver tractor at Plow Day. Art Kimminau from Guide Rock had his 1650 Oliver working in the field.

The tractors crawled across the field all morning, their plows leaving curling lines of overturned soil. After the lunch provided by Joe and Kari Eilert it was time to load up and move out. But it had been a great day to plow.



Fair Life Lessons

By Greg Doering,
Kansas Farm Bureau

In a few days, the local county fair will kick off, marking the beginning of summer's end as classes begin in the following weeks. But for a few short, hot days, the fair offers a little bit of everything for everyone between the midway and mutton busting.

I'm still confident (arrogant) enough in my athletic ability (rapidly deteriorating) that I know with

enough practice (cash) I could beat the carnival games and win a (pity) prize. I'm also mature (old) enough to know I'd rather save my money for the assortment of fried foods (because calories and cholesterol don't count at the fair).

We usually skip the entertainment tent, finding the aforementioned mutton busting and the pedal pull more amusing. Plus, there's no shortage of other projects to take

in, from walking past the stalls of the livestock barn to seeking the refuge of air conditioning in the exhibition hall to look at all the entries there.

The fried food and sugary treats are especially tasty after viewing the supersized produce entered in the garden category. Joking aside, I'm always impressed with the variety of projects 4-H'ers enter at the fair, many of which take a lot of time and effort that's often unseen in the final product. 4-H members also have a chance to have photos at their local fair featured in a future edition of Kansas Living by submitting. Pictures must be submitted by Oct. 1 at www.kfb.org/Article/4H-and-KFB-Photo-Contest.

to-Contest.

It's also easy to forget the fair isn't simply showing off the end result after months of planning and labor. Exhibition also requires courage and self-confidence to compare one's work against others in front of a judge. In many ways, the county fair is a laboratory of everyday life.

Participants have to weigh their responsibilities against the rampant temptations of rides, food, friends and games. Impulse control is also helped by the auctions, and associated premiums, held the final night. There's just less time for the money to burn holes in a pocket. Class champions also must decide be-

tween going to auction or advancing their project to the state fair.

However it all turns out, there are always lifelong memories made. Time will heal the hurt of finishing as the reserve champion, and it generally happens quickly since there's plenty of friends and acquaintances around who haven't been seen since school ended in May.

Perhaps the greatest lesson is that sometimes indulging in excess is okay. Like consuming way too many calories. It's perfectly reasonable to have an unbalanced meal consisting of a corndog and a funnel cake. Or finally having the courage to tackle the scary ride this year. Or maybe risking a shoulder

injury to win a teddy bear.

After all, it's just once a year the carnival lights brighten the night sky at the county fair. There's no real-world need to bust mutton, but it's the best part of any rodeo. And those pedal pullers will soon graduate to more powerful machines. Everything in moderation, including moderation, so be sure to savor all the lessons available at your county fair this year.

"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.

Farm and Ranch Transition conferences to be held in four locations in central Kansas

The Central Kansas, Phillips-Rooks, Post Rock, and River Valley Extension Districts will be hosting conferences this August aimed to help farmers and ranchers plan the transition of their farms. According to the 2016 Family Business Survey by the National Bureau of Economic Research Family Business Alliance, 43% of family-owned businesses don't have a succession plan, yet 75% want the business to continue through the family. Planning is key to helping keep the farm legacy alive for another generation. These conferences hope to ease the process and provide guidance to farm families about transition planning.

There will be four locations that will include the same agenda. The cost for each conference is \$15 or \$45

for a family of 4 and pre-registration is requested by Wednesday, August 16th. Each conference will start with check-in at 8:30 and the program will run from 9 a.m. to 3:30 p.m. Lunch and refreshments will be provided.

The locations of the conferences include:

Aug. 22: Clyde – Clyde Apartments Auditorium.

Aug. 23: Delphos – Delphos Auditorium.

Aug. 24: Beloit – Beloit Methodist Church.

Aug. 25: Phillipsburg – Phillips County Fair Building

Each event will feature four speakers including Ashlee Westerhold, director of the Office of Farm and Ranch Transition at K-State, who will speak on the resources available to Kansans for transition planning. Dr. Ron Hanson, Harlan Agribusiness Professor Emeritus

at the University of Nebraska, will discuss the steps families should take to keep their farms for generations to come. The program will also include a local attorney and KFMA economist who will discuss the legal and financial aspects of farm and ranch transitions. The conference will end with a panel Q&A where attendees can ask the speakers more in-depth questions about the transition process. For more information or to get registered, you can call your local Extension agent for each location. For the Clyde location, call Luke Byers at 785-632-5335; Delphos – Justine Henderson at 785-392-2147; Beloit – Blaire Todd at 785-738-3597 and Phillipsburg – Rachael Brooke at 785-425-6857.

Brazil's uptick in corn exports not necessarily indicative of trend, ag economist says

While Brazil is positioned to surpass the U.S. in corn exports this year, the data don't indicate the trend leading to this development will necessarily continue, as the South American country faces many challenges when it comes to agriculture and trade, a national ag econo-

mist said recently.

"U.S. exports have been hindered by droughts that have affected key areas of the Corn Belt," NCGA lead economist Krista Swanson said. "But the U.S. has several relative advantages in the global corn market that can be harnessed to support our \$90 billion

corn industry."

The U.S. is bolstered by far superior infrastructure and sustainable farming practices, Swanson noted. For example, she said Brazil is 86.6% of the size of the entire United States but has just 25% of the roadway miles found in this country, of which only

12.4% are paved. Nearly 70% of roadway miles are paved in the U.S.

The comments were made during a joint press conference hosted by the National Corn Growers Association and the U.S. Grains Council. Swanson was joined at the press conference by U.S.

Grains Council vice president Cary Sifferath, who addressed potential new markets that could be cultivated for U.S. corn growers.

In addition to listing the strengths U.S. corn growers bring to the table, Swanson also highlighted some of Brazil's limita-

tions.

"While there is additional pasture area available for cropland expansion in the country, efforts are also under way to rein in deforestation of valuable rainforest that is critical to global sustainability," Swanson said. "In the U.S., by contrast, farmers have used innovation to sustainably increase production of corn over time with a finite land area."

NCGA has called on Congress to double funding in the farm bill for important trade programs, such as the Market Access Program and the Foreign Market Development Program.

MAP is designed to encourage development, maintenance and expansion of commercial markets for U.S. agricultural exports. FMD is a joint government and agri-industry effort to develop markets by acquainting potential foreign customers with U.S. farm products.

The final data on trade exports from both countries for the 2022-2023 market year will be released in September.



God has a way of humbling us, and I am sure it is always when we need it the most. Sometimes as a husband you also have to admit that your wife was right, and you were wrong. These are absolute truths and not mutually exclusive. In fact, many times God has humbled me by proving that Jennifer was right, I just don't like to admit that very often.

A couple of weeks ago I was away on a meeting and Jennifer and Tatum were doing chores early in the morning so they could make it to the farmers' market by 7:30 to set up. We feed grain with our side-by-side and the route takes us more than a mile from home. Jennifer was on the route, early in the morning when the side-by-side would not start. She walked home and left it for me to take care of when I got back.

I was going to look like the hero. It was a simple fix, just a fuse that runs the fuel pump. It had been very worrisome the first time it happened. All of the sudden it went from running to not getting any fuel. That time I had two neighbors come and help me; we crawled all over the machine looking for what might have gone wrong. A quick call to the dealership and they told us about the fuse, problem solved.

Nope, then we could not find the stupid fuse. Again, we crawled all over the machine and could not find it. Finally, I waved the flag of defeat and did what no man normally does and went for the owner's manual. Before I could get back the neighbors helping me found the fuse and showed it to me. This again proves that we should never ask for directions, look at the instructions or go for the owner's manual, but I digress.

That was a frustrating experience but one that I filed away and decided that the next time changing the fuse would be a snap. Not to brag, but I even went and bought more of the fuses so I would not be stranded again. Back to the latest incident. Jennifer and I went back to the scene of the crime, and I told her the whole time just how easy this was and how I was going to show her where it was so she could fix it on her own. It

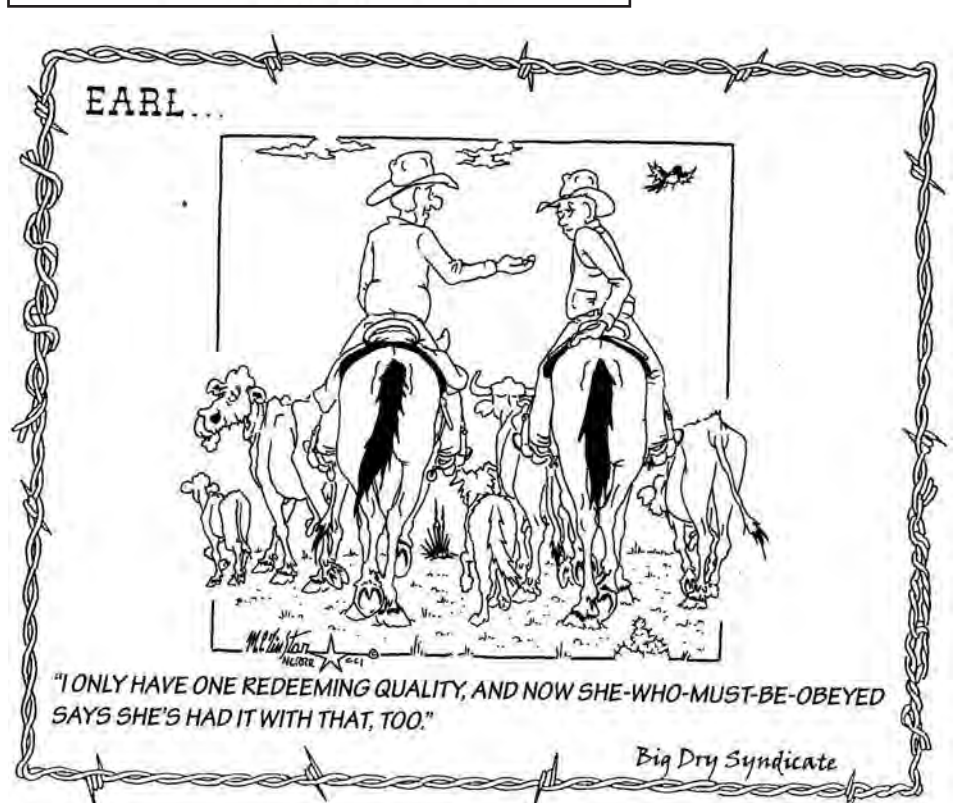
would take two, maybe three minutes tops.

With much enthusiasm and gusto, I flipped the seat up and removed the unhandy storage compartment and lo and behold, nothing looked familiar. I opened the cover I could see, and it was just the battery. Jennifer pointed out another spot, but I quickly dismissed it because it appeared that you needed to remove four nuts and the cover definitely did not have any nuts to remove. She asked if I was sure. I may have growled that I knew what I was doing.

After several more minutes of frustration and Googling how to change a fuse, I decided to phone a friend. Again, Jennifer asked if I thought it might be the part she had pointed out and I assured her it was not and that I knew what I was doing. Tim answered and said he was close, and he would come on over. He pulled up next to the side-by-side, walked over, pulled the cover off and replaced the fuse. All in the allotted two to three minutes.

Yes, it was the very same cover Jennifer had asked about. The nuts held other things on to the cover but did not hold the cover on. It simply slid into a slot. Simple to remove and did not require any tools. It did, however, require that I eat a large portion of crow and now I had an audience to watch me do so. I was probably in need of a good humbling and God made sure my wife delivered the humble pie to me.

Did I learn my lesson? I would like to think so but probably not. It may even come in the form of that 10-amp fuse again, that only happens every two years or so. I can promise you I will do the same thing again in two years. I can also promise you that Jennifer will remember where the cover to the fuse box is in two years. If I am perfectly honest, I would admit that this very thing happens more frequently than I would like to admit. It is good to have someone who will bring you back to earth. Personally, I leave it to the Good Lord and my wife to keep my head from getting too big.



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Carbon credits for livestock sector explored at Countryside Feed Strategic Stockmen Series

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here to tell you to like this. I'm just telling you what's happening." Looking at the U.S. footprint, she illustrated that the major contributors to climate change are transportation, electricity and industry – combining to make up 78% of GHG emissions. Agriculture as a whole comes in at just 10%, with beef production contributing less than 2% of that. In discussing GHG emissions, carbon dioxide is not the only one to consider. Methane, which started the now-infamous discussion about cow burps and flatulence, joins it to make up the top two contributors, with others like nitrous oxide also contributing. "When we're talking about a carbon credit, we're talking about one metric ton of CO₂ equivalent. That means we've taken all of those gases and said, 'What would this look like if it was carbon dioxide?' When you're trading

that carbon credit, you're talking about one ton of carbon dioxide equivalent. One ton of carbon dioxide would look like approximately a 1600-square foot two-story home." Tolley described how in the last 170 years or so, the amount of carbon dioxide that is in the atmosphere has increased by about 48%. "What's meaningful about that, is that it's greater than the amount of carbon dioxide that's been in the atmosphere for the last 20,000 years." Moving to methane, she said that over the same time period the amount of methane in the atmosphere has increased by 150%. "The reason that matters is because while methane is a GHG like carbon dioxide, it impacts the atmosphere a little differently," she continued. "It causes heat to be trapped twenty times greater than carbon dioxide does, so it's a much more impactful GHG." Unlike carbon dioxide

though, methane is a very short-lived gas, so it stays in the atmosphere for a significantly shorter time than carbon dioxide – thousands of years for carbon dioxide versus twelve to twenty years for methane. "What that means from the livestock perspective is, as you decrease the amount of methane in the atmosphere, you have a greater impact on the damage that elevated GHGs are having on the planet. So, the more methane you can reduce from the atmosphere, the more and quicker impact you can have on improving climate change." Tolley and Scott said that as companies work to meet the environmental and sustainability goals they've set and will be held accountable for, it opens opportunities for livestock producers to adopt practices that benefit the environment, and also help their operations as they receive compensation. There are animal health companies working on feeds that will impact and reduce the gases in the ruminant animal before they even occur. Also, there is the production of the feed itself that presents opportunities. "Feed production and how the feed is grown has been a

focus for the last five to ten years, so there are some developed carbon markets around feed production already," Scott said. "If you're raising any of your grains or silage and you're practicing reduced tillage, reduced commercial fertilizer use or cover cropping, you have an opportunity to leverage a carbon

market for that." Scott said that, assuming a 30% reduction, with carbon selling for \$30 a metric ton, the going rate for most soil health programs, it equates to about \$2.6 billion in opportunity when applied to the U.S. beef industry. "This is something that economists and the industry as

a whole is taking notice of, because the opportunity is significant," she said. Tolley challenged producers to explore the possibilities. "How could you impact change in your operations that could give you an opportunity to take advantage of this emerging market?"

K-State livestock expert urges youth to follow biosecurity practices before and after fair

By Bailee Farmer, K-State Research and Extension news service
A Kansas State University livestock specialist is urging youth and others showing animals at local fairs to take the time to make sure that those animals remain safe – both at the fair and during transportation. Joel DeRouchey said youth and others associated with showing animals should have basic biosecurity practices in place to prevent the spread of diseases between animals, and to contain the sickness when it occurs. According to DeRouchey, swine can become infected or spread disease to other pigs when mixed. He advises those showing swine to look for symptoms before, during and after fair season. "If your pig begins to cough, has a loose stool or isn't eating, it is important to consult a veterinarian on a treatment plan to help cure and prevent the spread of the sickness," he said. DeRouchey said maintaining biosecurity at the fair can be hard with multiple showmen bringing hogs together. He said a practice using something solid – such as sorting boards inside of the pens – to prevent the hogs from making nose to nose contact, which is one way in which disease is spread.

According to DeRouchey, "If you're bringing your livestock back home from the fair, you need to have in place a plan to minimize risk or consult your veterinarian if you need assistance with the plan." "Isolation is the primary way to prevent bringing sickness home to your (non-fair) animals," he said. "If you do not have a separate area to isolate your (fair animals), then separate the hogs that were at the fair in a different part of the barn from the others." Another way to prevent spreading sickness includes cleaning and disinfecting all equipment that was taken to the fair, or used frequently at the farm, DeRouchey said. Sickness can also be carried on clothes and shoes, so making sure to thoroughly clean and change clothing between the fairgrounds and your barn. "If you do have a sick animal, it is important to minimize the opportunity for it to spread to other pigs," said DeRouchey, who encourages youth to become certified by a program known as YQCA, or Youth for the Quality Care of Animals. More information on livestock care is also available from K-State's Department of Animals Sciences and Industry.

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Ireta Schwant, Blaine, Wins This Week's Grass & Grain Recipe Contest And Prize

Winner Ireta Schwant, Blaine: "This is a great salad to prepare during fresh vegetable season from your garden!"

PEANUT CRUNCH SLAW

- 4 cups shredded cabbage
- 1 cup finely cut celery
- 1/2 cup sour cream
- 1/2 cup mayonnaise
- 1 teaspoon salt
- 1/4 cup chopped green onions
- 1/4 cup chopped green pepper
- 1/2 cup chopped cucumber
- 1 tablespoon butter
- 1/2 cup salted peanuts
- 2 tablespoons Parmesan cheese

Toss cabbage and celery together. Chill. Mix sour cream, mayonnaise, salt, onions, green pepper and cucumbers. Chill. In a small skillet, melt butter; add peanuts and heat until lightly browned. Immediately stir in cheese. Just before serving, toss chilled vegetables with dressing. Sprinkle peanuts on top. Makes 6 to 8 servings.

Amy Feigley, Enterprise: "This recipe comes from my late godmother. It is easy to make and works great for a quick breakfast."

BLUEBERRY CREAM MUFFINS

- 4 eggs
 - 2 cups sugar
 - 1 cup vegetable oil
 - 1 teaspoon vanilla
 - 4 cups flour
 - 1 teaspoon salt
 - 1 teaspoon baking soda
 - 2 teaspoons baking powder
 - 16-ounce container sour cream
 - 2 cups blueberries, fresh or frozen
- In a stand mixer, beat eggs; add sugar, oil and vanilla. Mix the dry ingredients together then add to mixing bowl alternating with the sour cream. Place 3 or 4 blueberries in the bottom of each paper cup in the muffin tin. Add the remainder of the blueberries to the batter. Pour the batter into the paper cups in the muffin tin. Bake at 400 degrees for 20 minutes. This will make 36 regular or 24 large muffins.

Millie Conger, Tecumseh: **ORANGE SALAD**

- 2 small boxes orange gelatin
 - 1 can mandarin oranges, drained & reserve liquid
 - 1 pint orange sherbet
 - 1 small carton Cool Whip
- Drain oranges. Use liquid and add hot water to make 1 cup and dissolve gelatin. Mix in sherbet then oranges. Fold in Cool Whip. Refrigerate.

Loretta Shepard, Helena, Oklahoma: **COCONUT PIE**

- 2 cups milk
 - 3 tablespoons cornstarch
 - 1/2 teaspoon salt
 - 1 cup sugar
 - 3 eggs, separated
 - 1 teaspoon vanilla
 - 1 cup sweet shredded coconut (reserve a little to sprinkle on top)
 - Baked pie shell
- Heat milk. Add cornstarch and salt to sugar. Add to milk. Then add yolks of the 3 eggs to milk. Cook until thick. Remove from heat. Add vanilla and coconut. Pour into baked

pie crust. Make a meringue and spread on pie (see recipe below). Sprinkle top with coconut. Bake 20 minutes at 325 degrees.

- To prepare meringue:
- 3 egg whites, beaten
 - 1/2 cup sugar
 - 1/2 teaspoon cream of tartar
- Add egg whites to sugar and cream of tartar and beat until stiff peaks form.

Kimberly Edwards, Stillwater, Oklahoma: **LIME GELATIN**

- 1 small box lime gelatin
 - 8-ounce package cream cheese
 - 1 dozen large marshmallows, cut into pieces
 - 1 medium can crushed pineapple, drained
 - 1/2 cup chopped pecans
- Dissolve gelatin in 2 cups of boiling water. Add cream cheese and mash a little into the gelatin and water then beat with mixer until all cream cheese is dissolved. Add cut up marshmallows pineapple and pecans. Refrigerate and serve.

Jackie Doud, Topeka: **CAULIFLOWER SALAD**

- 1 head cauliflower
 - 1 bunch broccoli
 - 1 bunch green onions
 - 1 pint real mayonnaise
 - 2 tablespoons vinegar
 - 2 tablespoons sugar
- Cut up cauliflower and broccoli into pieces. Slice onions and the green top.

Mix other ingredients and pour over veggies. Let set in refrigerator a few hours before serving.

Kellee George, Shawnee: **CUCUMBER SALAD**

- 2 large cucumbers, peeled & sliced thin
- 2 tablespoons salt
- 3 tablespoons sour cream
- 1 tablespoon vinegar
- 1/4 teaspoon sugar

Put cucumbers in a bowl and sprinkle with salt. Let stand 3 hours. Drain off and rinse cucumbers. Mix all remaining ingredients and pour over cucumbers.

Rose Edwards, Stillwater, Oklahoma: **RASPBERRY GELATIN**

- 3-ounce box cherry gelatin
 - 3-ounce box raspberry gelatin
 - 2 1/3 cups boiling water
 - 2 boxes frozen red raspberries
- Topping:**
- 4 ounces cream cheese
 - 1 cup small marshmallows
 - 2 tablespoons sugar
 - 1 cup whipped cream

Place both packages of gelatin in a bowl. Pour boiling water into gelatin and dissolve. Add the raspberries (this substitutes cold water). Let this set until firm. Mix cream cheese, marshmallows and sugar with mixer. Add whipped cream (whip it first). Spread on top of set gelatin.

How To Brace The Garden To Resist Heat Stress

By Maddy Rohr, K-State Research and Extension news service MANHATTAN — As Kansas temperatures rise, some garden plants will need to be protected, said Kansas State University horticulture expert Cynthia Domenghini.

"It is tempting to automatically water plants on hot afternoons, but this is not always what's best," Domenghini said. Vegetable gardens need about one inch of water per week, she said. During a heat wave (above 90 degrees Fahrenheit) it may be necessary to water daily, or every other day. "Before adding water to your garden, insert your finger 1-2 inches into the soil and check for moisture. If the soil is wet, hold off watering," Domenghini said.

To prepare plants in advance of a heat wave, consider adding several inches of straw mulch around the plants.

"This will help reduce evaporation from the soil and will regulate the soil temperature, keeping plant roots cooler," Domenghini said. "Make sure the plants are well-watered prior to the heat wave."

She suggests watering as early as possible in the morning to reduce evaporation. Watering early also helps to prevent plants from drying out.

"Drip irrigation is ideal, but regardless of the method, avoid watering the leaves. Keep the source of water as close to the soil as possible," Domenghini said.

Domenghini and her colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly Horticulture Newsletter with tips for maintaining home landscapes and gardens. The newsletter is available to view online or can be delivered by email each week.

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

Links used in this story: K-State Horticulture Newsletter, <https://hnr.k-state.edu/extension/info-center/newsletters/index.html> K-State Research and Extension local offices, <https://www.ks-re.k-state.edu/about/statewide-locations.html>



Baking With Sugarbuns

By Michele Drees

Taco Night

One of the hardest things about moving an hour away from home is the fact that I no longer have family that is right there. I, of course, am creating my own family unit with Kyle and our two cats, but the family I grew up in is no longer up the road or at maximum a ten-minute drive from my house. That means no more random dinner nights that come with the ease of all being in the same town, no more calls asking if I want to ride to the grocery store and not always being able to be there for Sunday night family dinners at my parents' house.

I make it back to Junction City as much as I can, but more times than not, it feels like I cannot get there enough to be able to spend the quality time with all the people that I no longer am seeing daily. I always try to make the most of my time in Junction, but I tend to leave wishing there were just a few more hours in the day and just a little bit more time with the people I love so dearly.

To help counteract the time I feel like I am missing, Kyle and I decided to host a Taco Night. What originally was planned to be six people turned into fourteen invited and thirteen showing up. I started my prep work the afternoon before; tempting fate and the horrible storms that passed through Topeka. It took me over thirty minutes to get home and most of that was spent in standstill traffic as the rains and winds bombarded my car (it is fine, so no worries now), leaving me slightly concerned the winds were going to pick my car up and toss us over the bridge I got stuck waiting on. Once I finally got home, I unloaded groceries and then killed a little bit of time, knowing that I could not start my dessert of homemade angel food cake while the weather was so crazy.

I went ahead and knocked out my Rice Krispie treats and then went to work on getting crock-pots brought in, since I did not want to spend the whole time my family was there in the kitchen. Late Friday night, I prepared my angel food cake. Saturday morning, I started the chicken in the crock-pot so that it would be ready to shred in time for dinner. After that, I went about getting the queso made, and getting tables set up. Saturday, late afternoon, I made the hamburger taco meat and got the refried beans and black beans started. Around six o'clock everyone started showing up and our quiet little house started to bustle and got much louder than our two cats prefer.

My parents, siblings, nieces, an aunt, an uncle, and some cousins showed up ready to feast. We all enjoyed our dinner together and eventually found our way to the living room where we all found our perfect spots and spent an hour or so, just jabbering away; exactly what my soul needed. Although the distance has been hard at times, it has taught me more about the quality of time being spent together rather than the quantity. While I doubt, I will ever show up as much as I feel like I should, I do know that when we are together, I make the absolute best of it.

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field and then as an office manager for a company that manufactures oilfield products. She is currently the payroll manager at Washburn University. Her passion for blogging and food can be followed on Instagram: [boobsbrainsandbaking](https://www.instagram.com/boobsbrainsandbaking).

If you would like to contact Michele with comments please email mcarlyon88@gmail.com

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Summer Fruits, Vegetables Boost Opportunities For Healthier Eating Abundance Can Help Turn Around American's Normal Eating Patterns

By Pat Melgares, K-State Research and Extension news service

MANHATTAN - If there's ever a time to buck American's tendency to fall short on their consumption of fruits and vegetables, summer is it.

"Summer is the perfect time to think of new fruits and vegetables that we can incorporate into our meals," said Ashley Svaty, K-State Research and Extension's Northwest Area Family and Consumer Sciences specialist.

"Hopefully, you have a local farmers' market you can go to, but if you don't, produce at the grocery store is going to be cheaper now because it is more abundant."

The U.S. Centers for Disease Control and other organizations have reported that barely 10% of Americans regularly meet the daily recommendation for eight servings of fruits and vegetables. Svaty said Kansans

fall smack dab in that range - only 10% of residents eat enough fruit daily, and just 8% get enough vegetables.

As a guideline, the U.S. Department of Agriculture defines a serving as a full cup of raw vegetables or fruit; or a half-cup of cooked vegetables.

"I'm always looking for tips on how we can eat more fruits and vegetables, and I think it comes down to it needing to be easy, convenient and really fast to get to," Svaty said. "And we need to make it a habit, so one habit I like to share is to keep a bowl of fresh fruit out so that you can see it when you walk into the kitchen. If you're hungry for a snack... you're probably going to grab that instead of looking into the cabinet for something a little less nutritious."

Svaty said summer selections provide many fun opportunities to incorporate fruits and vegetables into meals: Think skewers with

fun fruit shapes including watermelon, grapes, blueberries, kiwi, cantaloupe or even grape tomatoes.

"I love anything on a skewer," Svaty said. "And think of kids. They are going to have fun eating that compared to the same fruit or vegetable on a plate. Kids are going to eat more fruits and vegetables when they see you doing it. So be a role model to them."

Summer dips - including yogurt - also helps to encourage adults and kids to eat various fruits and vegetables.

"You can also grill vegetables," Svaty said. "Once our (home) garden takes off, we just have squash and zucchini coming out of our ears. So one of my favorite recipes is to throw squash and onion with herbs and spices into some oil on the grill. And you can do whatever vegetables you want...potatoes, asparagus, and many more."

Other summer foods often found in greater quantity during the summer include lettuce, cucumbers, tomatoes and pickles. Many fruits and vegetables can be canned or frozen for use later on.

When grilling proteins, Svaty also recommends making extra food that can be eaten as leftovers. Re-heat in the microwave so that the internal temperature reaches 165 degrees Fahrenheit. Doing so reduces the use of the oven, which keeps heat out of the house during hotter days.

If cooking indoors, she adds, "cook multiple meals in the oven, and cook in the morning when it's cooler."

More ideas for healthy eating year-round is available online from K-State Research and Extension's food, nutrition, dietetics and health program.

Links used in this article: Extension food, nutrition, dietetics and health, www.ksre.k-state.edu/humannutrition

Prairie Gal Cookin'

Recipes and Ramblings from the Farm

Great-Grandma's No-Bake Cookies

By Ashleigh Krispense

In the corner of our dining room sits a large wood stove. Above it hangs a beautiful, dark wood shelf that was given to me by my grandparents. On that shelf, nestled in amongst the other various pieces, is a small red and white tin box. The word "recipes" marked in red across the front of it and a bouquet of red flowers underneath. Once my great-grandmother's (on the other side of the family!), it's one of my most favorite pieces of hers that I have. Inside, it is stuffed to the gills with aging recipe cards and paper clippings.

While thumbing through it awhile back, I came across a simple looking recipe for no-bake cookies. Not overly-chocolatey, these can make for a quick snack to take out to the field. They do tend to make a dry cookie when only using the called for 1/2 cup of milk, so I suggest adding a little extra milk for a less crumbly, more moist cookie. Just be careful not to overdo it or you could end up with runny cookies (believe me, I've done both! You might be even be able to tell the difference between them in the last picture!).

Great-Grandma's No-Bake Cookies

You'll Need:

2 cups sugar
2 tablespoons cocoa
2 tablespoons butter
1/2 cup milk (plus a little extra)
2 cups quick oats
1/2 cup peanut butter
1 teaspoon vanilla



Begin by melting the butter in a medium-sized pot. Stir in sugar, cocoa,

and milk. Bring to a boil and let boil one minute.

(It's a little bit challenging to decipher on grandma's recipe whether she wants you to let the mixture cool or not before adding the remaining ingredients, but I wouldn't suggest doing that and rather just add them once the mixture has finished boiling!)



Once it has boiled for one minute, remove from heat. Continue stirring and add the peanut butter, quick oats, and vanilla.



Grandma says to drop by teaspoonfuls onto waxed paper, but feel free to make your cookies a bit bigger if you want.

If you're looking to mix things up, on the back side of the recipe card, Grandma shares a variation for Butterscotch cookies. To make them, substitute (firmly packed) brown sugar for the white granulated sugar. Continue to make the recipe as you would, but boil it for two minutes rather than one and use 3 cups of quick oats instead of only 2. Enjoy!

Ashleigh is a freelance writer and the gal behind the website, *Prairie Gal Cookin'* (www.prairiegalcookin.com), where she shares step-by-step recipes and stories from the farm in Kansas.

Safety Tips As Fair Season Approaches

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

MANHATTAN - County and state fairs are around the corner, and food is a main attraction. From vendors and trucks to projects and competitions, Kansas State University food scientist Karen Blakeslee said knowing how to prevent food safety mishaps is key.

"For any food preparation, always wash your hands before handling food," Blakeslee said. "Use plastic gloves or utensils to handle ready-to-eat foods."

Blakeslee recommends wearing closed toe shoes for safety in the case of accidents and securing hair with a hat or other method to keep hair out of food.

Food projects need to be safe for judges to sample, she added.

"There are several ways to check for doneness of baked goods such as the recommended baking time, color, touch, inserting a toothpick and it comes out clean, and using a food thermometer," Blakeslee said.

Blakeslee, who is also coordinator of K-State's Rapid Response Center for Food Science, suggests preparing food entries early and freezing them to help save time and stress at county fairs.

"Most baked goods freeze well and can still be blue ribbon quality. This includes cookies, yeast and quick breads, and cakes," Blakeslee said.

Additional tips for freezing food entries include:

* Bake the product as usual. Cool completely to help prevent condensation inside the wrapping and the development of ice crystals.

* Use moisture-vapor resistant packaging. This includes freezer-safe plastic containers or bags, heavy-duty aluminum foil, and rigid containers.

* Separate layers of cookies with wax paper or parchment paper.

* If a cake or bread is to be frosted, freeze the product only and frost after it is thawed.

When preparing pies, Blakeslee suggests making pie crusts ahead of time and freezing them.

"Freezing whole prepared pies can cause the filling to soak into the crust," she said.

When the time comes to thaw the product, thaw all baked goods in the freezer packaging.

"They can be thawed at room temperature. Remove from the freezer the night before the fair. Once thawed, repackage into the proper packaging according to your fair rules," Blakeslee said.

Signage at the fair is also important when preventing food safety hazards.

"There have been foodborne illness outbreaks traced back to fairs in the past. If handling animals, washing hands is very important before handling or eating food because of the chance of contamination from E. coli bacteria," Blakeslee said.

She suggests using signage to help remind fair-goers of simple tips for food safety.

"It's a joint effort between the fair organizers and fair-goers to make the effort to prepare, serve and consume safe food," Blakeslee said.

Blakeslee publishes a monthly newsletter called You Asked It! that provides numerous tips on food safety.

Blakeslee said in some cases, hospitalization is necessary. "Handwashing is an important prevention method to reduce the spread of hepatitis A and other illnesses," Blakeslee said.

Links used in this story: Rapid Response Center, <https://www.rrc.k-state.edu>

You Asked It! newsletter, <https://www.rrc.k-state.edu/newsletter/index.html>

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

Manhattan - Kansas State University food scientist Karen Blakeslee reminds consumers that washing hands is important to preventing illness.

"Hepatitis A can be spread from close, personal contact with an infected person as it is very contagious," Blakeslee said. "Eating food or drink that has been contaminated at any point in the food chain from harvesting, processing, handling and at home can lead to hepatitis A illness."

The most frequently contaminated food sources include water or ice, shellfish, raw vegetables and fruit (such as berries) and fresh salads.

"Symptoms of hepatitis A can appear in 2-7 weeks after exposure," Blakeslee said. "Some signs of illness include yellow skin or eyes, no appetite, upset stomach, pain in the stomach, throwing up, fever, dark urine, joint pain, diarrhea and fatigue."

In most cases, those infected have symptoms for a few weeks to a few months.

Links used in this story: Rapid Response Center for food science, <https://www.rrc.k-state.edu>

You Asked It! newsletter, <https://www.rrc.k-state.edu/newsletter/>

Frozen Strawberry Contamination, <https://www.cdc.gov/hepatitis/outbreaks/2023/hav-contaminated-food/index.htm>

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

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Mighty Molly

A family friend called and said they had several puppies available. Rat terrier crossed on a beagle makes for an interesting canine personality. You've heard of the proverbial "alligator mouth overloading canary hind parts." Well, this dog's nose led her into situations, and her Terrier attitude instigated more trouble than she was capable of getting herself out of at times.

Now that I think about that, it reminds me of a skinny little Irish cowboy I knew several years ago. He'd buddy up with a big fella I knew, take him to a bar and get a few drinks down and start a fight, knowing the big guy would get him out of there alive.

Our Molly dog's big friend was Jack, a large white German Shepherd-looking brute, who was more than happy to take on all comers. Their adventures were legend-

ary and they owned about 300 acres of the ranch around our place during their heyday.

The problem I'm having as I write this is, do I write about the bobcat, the pair of foxes, or the neighbor's Norwegian Elk Hound? I'll save those for later, and tell you the one about the Hereford heifer.

Now the heifers were basically black baldies, but there were a few red whiteface, and yellow baldy Charolais cross types. There was a nice Hereford that was made right and I couldn't let her go as a feeder, so into the breeding sort she went, and pretty much was forgotten about until calving time.

Calving heifers having those little Longhorn calves wasn't a tough job, but it was a bit humorous watching those exuberant jackrabbit-sized babies pop up and chase their

new mommas around to get a drink! Still, there was a couple of dystocias that I had to deal with. One of those was this pretty Hereford heifer, who was by now sporting a nice set of headgear, which she was learning to use in the feedline quite effectively!

Junior was coming backward, as was easily seen by the dewclaws on the top of the protruding pair of feet as she began to deliver. I decided I'd better get her in, as I've seen more of this kind lost than anything, because on a small calf, they can usually be birthed naturally, but seldom survive, never drawing a breath of air, and if you don't catch them early in the delivery process, they'll suffocate, and you find momma standing over a dead calf. (It's been my observation that rigor mortis only affects critters that got some air in their lungs. These DOA babies are floppy as a rag doll unless frozen.)

Wife and I had brought her in the evening before, and delivered the live calf with no problem at all. She was just a tad high-headed but nothing serious as we got her into the headgate and tended business. I left her in the corral overnight so she could get water and hay. Next morning I noticed the

new pair out in the corral getting breakfast, so I went on and checked springers and continued the morning feed run, which would take a few hours.

As I headed back toward the hacienda, I called Denise and asked her to put that pair in the barn and leave the corral gates open so I could drive straight through to help expedite the final leg of chores.

My son was about seven years old and had a brand new pair of Carhart coveralls he donned to go help Mom. She got the calf into the barn so the mother would follow it inside and Denise would shut them in the barn, and open the outside gates. But Momma Hereford was nerved up and particularly interested in this miniature human in her domain! She snorted and lowered those horns and took off toward the boy, who froze! Mom yelled "Run!" and he turned to run and tripped on the frozen ground falling flat on his face! The cow was on him before he could move, and that cow let out a screaming bellow that echoed off the barn and trees.

Coming out of nowhere, Molly had jumped to the boy's defense and grabbed that cow's nose! That mad heifer stopped and started slinging her head around while that little dog hung on tight, growling, as she flipped and flopped and swung around, and about that time Jack joined the rescue effort, flanking the cow on this side and that.

Mom left the calf and was running to rescue her own progeny, and the dogs distracted the cow enough, she grabbed the boy's collar and dragged him out of the danger zone. The dogs quit the cow once the boy was safe, and Mom went to the house and called me.

"You'll have to move that pair and take care of your own gates!"

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

ASA appreciates EPA SRE decision

The Environmental Protection Agency has denied 26 Small Refinery Exemption petitions for the Renewable Fuel Standard spanning compliance years 2016-2018 and 2021-2023, demonstrating the agency's continued commitment to ending the backlog of pending SREs.

ASA applauds EPA for its continued transparent and fair assessment of SREs through more stringent hardship and economic impact requirements and appreciates efforts to uphold the integrity of the RFS. Historically, significant SRE approvals without clear and consistent metrics for evaluation created vast market uncer-

tainty and undermined the intent of the RFS, creating a challenging environment for continued growth in the biomass-based diesel industry.

EPA has worked in recent years to develop new parameters for petition approvals that have proven effective at strengthening the RFS. ASA is pleased with this progress and hopes EPA will continue to work with the biofuels industry to implement the RFS as intended.

With the finalization of these 26 SRE petition denials, EPA has cut down SRE backlogs significantly, with only two outstanding petitions remaining from compliance year 2018.

Don't waste precious hay during drought

Drought has pushed livestock producers to hunt for emergency hay.

"If you are lucky enough to have hay, take special care to reduce waste this year," says University of Missouri Extension specialist Charlie Ellis. "This is a good year to pinch pennies and plan on doing some extra labor."

Proper feeding reduces waste and lowers costs with a bonus of improving animal behavior and performance, says Ellis.

Several factors figure into how farmers will reduce waste based on preferences, labor availability and climate, he says.

Ellis gives these tips:

- No hogs at the cattle trough. Cull aggressive animals that push out other animals and prevent them from getting their fair share.

- Clean your plate. Make animals clean up hay before giving them seconds. Feed when they've cleaned their plate. Target feeding daily only what they will consume.

- Save the best for last. This reduces spoilage and improves palatability. Feed outside-stored hay first. Then feed hay stored inside.

- Right size, right place. Choose the right size and type of feeder. Match feeder size to herd size. Place feed on a pad or elevated surface in a well-drained area.

Ellis calls unrolling hay the "bed-and-breakfast" of the hay world. Bullies and wallflowers have equal access to hay, unlike at rings, where "boss" cows can intimidate their more timid counterparts.

When feeding in winter, rolling out hay also reduces hoof damage and compaction in the feeding area. It also can help overseed pastures with legumes and distributes nutrients back onto the ground.

Some styles of bale feeders are more efficient than others. Feeder and stocking rates determine if cone or open feeders are right for the operation.

Cone feeders are the most efficient and waste less of the bale, says Ellis. Open rings are the most wasteful feeder designs.

Restrict time of access with feeders to improve body score counts, increase milk production and reduce hay waste, he says. Finding the right feeder design improves payback.

Ellis allows at least 30 inches of bunk space per cow when bunk feeding and provides one bale per ten cows when ring feeding. Divide cows into groups based on age and "pecking order." He also recommends feeding at the same time each day.

Daily feeding reduces food costs and waste. The less hay you put out at one time, the more you save, especially if you do your own labor, he says.

Choice of feeding ring also matters. There is less waste when feeding square bales in open rings rather than large bales in an open ring. Large, round unrolled bales fed in rings have 45% waste and are the least efficient, according to MU research.

If buying hay:

- Test hay to make sure it meets the nutritional needs of your herd.

- Know the hay's age, how it was stored and how it was wrapped.

- Buy by the ton.

For more information

- "Reducing Losses When Feeding Hay to Beef Cattle" (MU Extension guide G4570), available for free download at www.extension.missouri.edu/g4570.

- Alliance for Grassland Renewal, www.GrasslandRenewal.org.

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

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

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Andrew Pope, M.D.

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Having my sister Denise in town for the filming of *Sod and Stubble* has been great fun and a relief for me, probably added work for her.

That's the way it has always been.

Even though she is younger, she got the math and organization genes

(along with a healthy dose of creativity), while I got the wanderlust and pushing-the-envelope DNA.

She keeps track of the whole family and most of the community of Mayberry back home in the North Carolina/Virginia hills.

Now she can add Kansas to her dominion.

We were off set a couple of days because of the SAG strike. Since we are an independent film and not associated with the big production companies, we are eligible for a waiver. This gave me enough time to head back to Oakley for a couple of days and focus on some other things.

Also, to show Denise some parts of Kansas she had not seen.

After a few loads of laundry, we went to Nebraska. She crossed another state off her bucket list and the bonus was the boyhood home of Ward Bond. The park in Benkelman has a beautiful sign boasting the fact and we also rode by his boyhood home (which is for sale, by the way).

I'm not sure which one excited her more--visiting the grave of Sidney Toler in Wichita (Charlie Chan) or the hometown of one of the great character actors from our childhood.

We drove through Haigler and I tried to get the "Fort Wallace Poet Lariat" on the phone, but there wasn't a very good signal so Jack Steele didn't answer. Jack works for Brent Ginther tending a buffalo so I was hoping to connect, but that's an adventure for another day.

On to Yuma County, Colorado, and the Beecher Island site and then back to St. Francis, Kansas, where we stopped at the Mexican restaurant on the highway. Oh my... It was delicious! But we barely made it up

to the Arikaree Breaks before sundown. Even in the twilight shadows, it is breathtaking.

Home to Oakley in the dark.

The next day, we headed to Dodge.

When she visited last fall, we had hoped to make it to the legendary cowtown, but, alas, it was not in the cards.

She was blown away. Literally. There was a storm brewing and the dust blowing across the roads was scary at times. But it was exciting! Dodge City hums and growls and bellows with life. We stopped in at the Boot Hill Museum where I recorded a segment of *Around Kansas* in the Kansas Cowboy Hall of Fame. (Nom-

inations are being taken through August 15 so visit <https://www.boothill.org/kansas-cowboy-hall-of-fame.html#/> to nominate your most deserving cowboy!

Back to work on *Sod and Stubble* and Denise will be leaving in a few days. I hate to see her go but maybe I'll get the chance to head home to the hills and we can have another adventure soon.

Deb Goodrich is a producer on Sod and Stubble and the host of Around Kansas. She is the Garvey Texas Foundation Historian in Residence at the Fort Wallace Museum and chairs the Santa Fe Trail 200. Contact her at author.debgoodrich@gmail.com.

Scout for Hemp dogbane in post-harvest hay field

By David Hallauer, Meadlark District Extension agent, crops and soils

In my last column, I referenced a couple weeds to look for during post-harvest hay field evaluations. Hemp dogbane was one of them and deserves attention for numerous reasons.

Hemp dogbane is a perennial potentially grow-

ing to heights of three to five feet and may be confused with milkweed species due to their similar exterior appearance and the presences of milky sap when leaves are removed or stems cut (NOTE: only fresh plants will show sap). Stems have a reddish tint at maturity and become woody at the base. The term dogbane is

said to refer to the plant being poisonous to dogs. The same plant resins can also harm cattle under the right conditions.

Because of the plant's long, horizontal rootstocks, you have not only plants, but in many cases plant colonies. Plants start as a single taproot that can grow to a depth of almost six feet plus spread laterally as much as ten feet in a single season. Its vigorous growth and a long growing season (it flowers from May-September) makes it a formidable foe in forage stands.

As long as stands re-

main competitive, plant populations may remain low and of little concern. If post-harvest recovery is slowed, Hemp dogbane is excellent at filling 'open space' and can become a big problem. When possible, manage stands to prevent dogbane from gaining a foothold by encouraging a competitive grass stand.

Already established - and colonies expanding? You have a couple of options. According to work out of the University of Missouri, a mid-August mowing could help to reduce the size of weed patches the next season.

More frequent mowing can help reduce plant vigor and seed production, although mowing in general isn't likely to eliminate it.

Chemical control options include many of our common active ingredients: 2,4-D, dicamba, fluroxypyr, and triclopyr. Missouri research suggests 2,4-D or fluroxypyr. Limited research in Kansas shows an advantage to products containing fluroxypyr.

Herbicide efficacy can be enhanced (and forage injury reduced) when good growing conditions are present prior to and

for a time after herbicide applications. Always use an appropriate surfactant and apply when plants are in the 12 to 15-inch range or shorter. For identification aids, see the Hemp dogbane page at the Kansas Wildflowers and Grasses website: https://www.kswildflower.org/flower_details.php?flowerID=112

July WASDE report raises red meat production

In the July World Agricultural Supply and Demand Estimates (WASDE) report, the U.S. red meat production forecast was raised from last month, with beef production having higher expected slaughter rates of steers, heifers, cows and bulls. For 2024, the beef production forecast is lowered due to expected fed cattle marketings shifting in late 2023 instead of early 2024. Beef imports for the rest of the year are raised, with exports slightly reduced and no changes made to the 2024 export forecast.

This month's 2023-24 U.S. corn outlook is for fractionally higher supplies and ending stocks. Corn beginning stocks are lowered 50 million bushels. Production is forecast up 55 million as greater planted and harvested area from the June 30 Acreage report is partially offset by a 4.0-bushel reduction in yield to 177.5 bushels per acre.

Timely rainfall and cooler than normal temperatures for some of the driest parts of the Corn Belt during early July is expected to moderate the impact of June weather. For much of the crop, the critical pollination period will be in the coming weeks. With supply rising fractionally and use unchanged, ending stocks are up five million bushels. The season-average farm price received by producers is unchanged at \$4.80 per bushel.

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SATURDAY, AUGUST 5, 2023 * TIME: 10:00 AM
LOCATION: 503 S Freeman St., OAKLEY, KANSAS

SHOP EQUIPMENT: Lempro Model 518B crank shaft re-grinder, 3 stones & tooling; Peterson Model GPC-30 parts cleaner tumbler; Shop built hydraulic press; Shop built hydraulic hole punch; Alternator & starter tester; US Army forklift, gas; Magnum mechanics tool chest; Metal shop benches; Cannedy-Ot to heavy duty drill press; Van Norman Model 550 valve guide & seat machine, tooling; Van Norman Model 777-S cylinder boring bar; Van Norman brake shoe grinder; Hastings power re-groover; Sioux valve grinding machine; Sioux seat grinder; Peterson Model HC-1D cylinder honing machine cabinet; Van Norman Model 550 brake lathe; Head Model RG-35 re-surfacing machine cabinet, tooling; Wash tank; Hot tank; Ingersoll Rand 200-gal air compressor, 2-stage, 3-phase; Huge air compressor, needs work; Excel Sharp cherry picker; (3) Motor stands; Olson band saw; Twenty Century 295-amp welder; Craftsman radial arm saw; Welding table; Power Kraft 250-amp welder; Small cutting torch unit.

SHOP TOOLS: Bolt bins; Parts Assortments; B&D cut off saw; Cutting torch, cart, bottles; Jacks, floor & implement; Shop vacs; Honing equipment; Jack stands; Electric hand tools; Air hand tools; Lots of hand tools - wrenches, socket sets, etc.; Several sets impact sockets; Thermal repair kit; Pullers - various types; Clamps; Log chains; Large selection of drill bits - various sizes; Dial indicators; Letter & number stamp sets; Rod heater; Transmission jack; Tap & die sets; Reamers; Chilton & Motor manuals; (14) micrometers; Small electric chain hoist; (10) torque wrenches; Timing lights; Magnetic timing tachometer; EGR valve tester; Freon leak detector; Cylinder compression tester; Windshield replacement tools; Transmission tools; Several bench vises - various sizes; Specialty tools; Lots of other tools.

NEW INVENTORY: (Call for inventory): Large selection of automotive belts & hoses; Lots of new engine parts; New starters & alternators; Filters; Gasket kits; Large selection of valve guides & seats; Battery clamps & cables; Spark plugs; Bearing & seats; Brake shoes & parts; Air conditioning parts; Fuel pumps; Electrical parts; Several 8 ft. parts shelves, movable; Much, much more.

USED INVENTORY: 283 & 427 crank shafts; Crank shaft cores; Several used cylinder heads; Many engine blocks; Exhaust manifolds & carburetors; Connecting rods; Alternators; Rebuilt 350 hydromatic transmission; Tires & wheels.

OTHER ITEMS: Radio control airplane, jumbo size, all wood; Latham time clock; Advertising clocks & thermometers; New Holland tree stump spade bucket; Pallet racking 2-8 ft. sections; Ladders; Delco parts cabinets; Weed eaters; Sheets of lumber; (3) rolls of R-19 big insulation, 50 ft. x 72"; Several push lawn mowers; Lots of misc. metal & scrap; Platform scales; Champion lighted sign; New house electrical boxes & switches; 12-volt drill fill auger; Round top steel building (needs put together) 42' wide x 48' long x 17' high, no end walls; Large box of HVAC fittings; 22 ft. van box w/roll up door; (2) Pickup bed trailers; *Many other items!*

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Saturday, July 8

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Join Kansas Corn at 2023 Summer Listening Tour in August

Kansas corn farmers are invited to Kansas Corn's Summer Listening Tour, hosting dinners in six Kansas communities. Kansas Corn will focus on farmer discussion around the issues that matter to corn growers at the dinners. Growers can connect with Kansas Corn in Tampa, McCune, Scran-

ton, Denton, Satanta and Grainfield. This is the eighth year of the popular listening tour dinners.

"As always, this year's Kansas Corn Summer Listening Tour will focus around the work we do daily on behalf of Kansas corn growers," says Emily Koop, Kansas Corn director of grower services and

market development. "We want to hear about both the successes and challenges facing our farmers and the corn industry. This tour gives us the chance to hear directly from growers and the more voices in attendance, the better the feedback we receive."

Kansas Corn hosts this annual listening tour to meet with corn farmers to talk about the many issues surrounding the corn and ag industries. Kansas Corn staff will briefly update growers on key topics including the upcoming Farm Bill, ethanol efforts and commission-funded research. Each stop will feature a roundtable discussion around key topics and issues facing attendees. The goal of each stop is to get feedback from corn growers, which is valued by the association and commission boards in their planning.

Attendees are asked to register for these summer events online at kscorn.com or by calling the Kansas Corn office at 785-410-5009.

2023 Kansas Corn Summer Listening Tour

(Registration begins at 5:30 p.m., with dinner beginning at 6 p.m. at all locations.)

- Wed., Aug 2 at Tampa (Central)
- Tue. Aug. 8 at McCune (Southeast)
- Wed. Aug. 9 at Scranton (East Central)
- Thurs. Aug. 10 at Denton (Northeast)
- Tue. Aug. 15 at Satanta (Southwest)
- Wed. Aug. 16 at Grainfield (Northwest)

The Kansas Corn Summer Listening Tour is sponsored by the Kansas Corn Growers Association and the Kansas Corn Commission. Get more information at kscorn.com or call Kansas Corn at 785-410-5009.



Kale Sorensen from Denmark, Kansas came to the Jewell County Plow Day with his grandfather, Gary Sorensen. He is shown here plowing with a WD Allis tractor. The tractor is thought to be a 1948 model. He is using a 316 Allis plow. The event was held on Friday, July 14th, southwest of Jewell. Photo by Kerma Crouse

ADM grows North American regenerative agriculture program, launches significant expansion initiative

ADM (NYSE: ADM), a global leader in sustainable agriculture supply chains, is launching a significant expansion of its re:generations™ regenerative agriculture program, ensuring more North American producers can earn additional income while making a positive impact on the environment and their soil's health. After successfully enrolling more than 1 million acres in 2022, ADM is continuing to invest to expand re:generations™ to cover 2 million acres in 2023, on its way to a goal of 4 million acres globally by 2025.

"With a value chain that stretches from more than 200,000 producers to downstream customers spanning food, feed, fuel, industrial and consumer products, ADM has an unparalleled ability to scale regenerative agriculture practices around the globe," said Paul Scheetz, director of Climate Smart Ag Origination at ADM. "We're proud of our groundbreaking work to support regenerative agriculture efforts, which was recognized with a grant from the U.S. Department of Agriculture through which we'll direct more funding directly to producers. We know producers have always been

stewards of the land, and that this is their lifeblood. We're excited to continue to invest to expand our unique array of re:generations™ benefits to bring even more of them into the program. We are helping create new value for our producer customers, while they reduce greenhouse gas emissions, increase soil carbon sequestration, improve water quality, and promote biodiversity."

The expansion will offer producers spanning 18 states and three Canadian provinces financial incentives and technical support for implementing practices including cover cropping, improved nutrient management and conservation tillage. ADM is incentivizing multiple practices and performance outcomes spanning crops including corn, soybeans, peanuts and wheat. Producers who enroll receive premium payments ranging up to \$25 an acre per year, and in some instances also receive an additional per bushel premium for grain delivered to ADM.

ADM designed re:generations™ as a menu-based program for ease of use and adoption by producers, including short-term agreements along with

customized and localized support.

ADM will continue to expand the availability of Farmers Business Network's Gradable digital farm-management tool to simplify the re:generations™ enrollment process and provide a smooth but thorough data collection experience that allows ADM to pay producers quickly and easily following each program year.

In addition, technical assistance partners – including familiar independent organizations such as American Farmland Trust, Ducks Unlimited, Kansas Association of Conservation Districts and Practical Farmers of Iowa – will provide producer support on a state-by-state basis, including explaining program details and qualifications, and providing guidance and education for successful practice implementation.

"It's producers on a local level that are making huge strides for the planet and our collective future – and they're strengthening their own businesses at the same time," said Scheetz.

This July and August, ADM program managers will begin conducting in-person informational meetings, educating producers on the company's program and offerings, and allowing them an opportunity to start the enrollment process. Timing is ideal as producers consider their cover crop plan for the fall and planting decisions for the spring of 2024.

"ADM's purpose is to unlock the power of nature to enrich the quality of life, and we cannot achieve that purpose without a strong and unrelenting focus on protecting our planet, our communities and our people," said Greg Morris, president of ADM's Ag Services and Oilseeds business. "Beyond that, sustainability is a driving our strategic efforts to get closer to our producer customers and create value across our broad range of customers. Our work to rapidly scale up our regenerative agriculture efforts to 4 million acres by 2025 is one of the key ways in which we're enabling our entire value chain to meet the demand for sustainably sourced products and helping to pave the way toward a more sustainable future."

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August 15, 2023

8:30 a.m. - 2:30 p.m.

Hosted by: Darin Williams, winner of the 2022/2023 Buckmaster Deer of the Year

Rainfall Simulator, Field Tour, and Soil Pit led by: Darin Williams, Doug Peterson, and Candy Thomas, NRCS Regional Soil Health Specialist

Using the principles of soil health to build relationships between wildlife habitat and production agriculture

RSVP for this FREE event is appreciated by August 7 to help with meal headcount.

Registration options: www.KSsoilhealth.org, www.notill.org, or Call 785-210-4549

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SPEAKERS:

Candy Thomas, NRCS Regional Soil Health Specialist
Dr. Augustine Obour - Assoc. Prof. of Soil Science, Kansas State University

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Registration options: www.KSsoilhealth.org
Call 620-544-2991

On-Farm Trial Field Day

August 22, 2023

8:30 a.m. - 1:00 p.m.

Hosted by: Grant, Stevens, & Haskell County Conservation Districts

ANTIQUE TRACTORS & FARM AUCTION

SATURDAY, AUGUST 5, 2023 — 10:00 AM
1749 200th Road, BERN, KANSAS

DIRECTIONS from Bern, KS: 2 mi. east on Bern Rd, 2 mi. south on Q Rd, 1/2 east on 200 Rd. **From Sabetha, KS:** Take the Bern Rd. to 200 Rd., then 4 1/2 mi. west on 200 Rd. **From Seneca, KS:** 6 mi. east on Hwy. 36, 6 mi. north on Q Rd., 1/2 east on 200 Rd.

ANTIQUE TRACTORS: 1941 JD D, 1945 JD D, 1936 JD A, 1951 JD B, 1952 JD B, 1958 JD 520, (all running). **Parts or Salvage tractors:** 1939, 1940, 1948 JD B's, 1941 JD A; 1952 Ford 8N, side distributor; Ford 961, non-running, but complete.

TRUCKS, TRAILERS & MACHINERY: 2003 Chevy 3500 4x4, ext. cab, dually, diesel, auto, Allison trans., 135K mi., runs; 2001 Dodge 2500 4x4 ext. cab, diesel, auto, SW, non-running, extra doors, fenders & bed; P&J 20' trailer, tilt bed, brakes, bumper hitch, NICE; Boss 6'x20' gooseneck livestock trailer, needs floor; Brown 10' soil speed mover, like new; JD 3x16 mtd. plow; Ferguson 2 bottom plow; Land Pride finishing mower, no PTO driveshaft; 3 pt. post hole digger; small drag disk; FMC terracer plow, no PTO driveshaft.

SHOP & TOOLS: 12 KW generator, runs; Honda 5 hp engine; Acetylene torch w/cart, complete; Craftsman wood lathe; Gladiator tool chest; Forney & Lincoln welders; Bandsaw; IH corn shell-er; Shop hand tools & wrenches; 2-7500# axles w/6 bolt rims; Several trailer house axles; Rims; sway blocks; 2640 hyd. Outlet; JD Operator & Service manuals; Approx. 50 sheets each of 8' & 11' galvanized tin; 14 channel irons, 6"x13"; 3 flat steel sheets, 1/8"x4"x12"; 2 tread plate sheets, 3/16"x4"x8"; square tubing, 6"x6", 2" lumber; 20+ light poles.

GUNS & SAFE: Winchester .22, Model 131, bolt, no clip; Winchester 16 ga. Model 37, single shot; Springfield .22, Model 15, bolt, single shot; Hopkins & Allen 20 ga. Double barrel; Unique old 12 ga., no mfg. found; Canon gun safe.

NOTE: Be on time, not a large sale. Cowboy Cook Shack food truck

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AP EverRock, Wolf

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Timely canola production decisions key to successful crop

Kansas State University officials have announced a pair of meetings in early August to help farmers make fast-approaching decisions on growing winter canola.

K-State canola breeder Mike Stamm said the meetings come "at a critical time" when producers have a renewed interest in growing winter canola, largely due to last

spring's announcement by Scoular that it will be building an oilseed crush facility near Goodland.

"Producers who are planning to grow winter canola know that when September 1 rolls around, they need to be ready," Stamm said. "Establishment of winter canola is the most important step, and we want to provide the tools necessary to be successful."

The meetings are free to attend, but reservations are required because a meal will be provided. Location and contacts for each meeting include:

Wednesday, Aug. 9: Hoover Building, 300 E Oxford Ave, Enid, Okla.

• 10 a.m., presentations and meal.

RSVP to Ron Sholar, 405-780-0113, jrsholar@aol.com, or Josh Bushong,

405-361-6941, josh.bushong@okstate.edu

Wednesday, Aug. 9: Sedgwick County Extension office, Sunflower Room, 7001 W 21st St, Wichita.

• 5:30 p.m., presentations and meal.

RSVP at the following link <https://conta.cc/3ril-SNY> or to Nancy Richardson, Sedgwick County extension office, 316-660-0144, nancy77@ksu.edu.

Interested growers in surrounding counties are encouraged to attend. Stamm said the Great Plains Canola Association, Scoular, and Bayer Crop Science will sponsor the canola production meetings for new and experienced growers.

Specialists from K-State Research and Extension and Oklahoma State University will share their experiences

working with the crop. The agenda includes a refresher on common canola production practices, and an update on variety development and availability. Scoular will provide information on canola marketing, share delivery points across the region, and discuss opportunity for Scoular to arrange freight off the farm.

Kansas Water Office honored with special achievement in GIS Award

Esri, the global leader in location intelligence, presented GIS Coordinator Katie Goff, of the Kansas Water Office with the Special Achievement in GIS (SAG) Award on July 12, 2023, at the annual Esri User Conference (Esri UC). Selected from hundreds of thousands of users, the Kansas Water Office received the award for its innovative use of mapping and analytics technology, as well as creating efficiencies in their data-sharing approach.

The SAG Award is intended to demonstrate an appreciation for organizations around the world that are using geographic information system (GIS) technology to understand vast amounts of data and solve complex problems.

"Users across all industries continue to show the groundbreaking possibilities of what GIS can help them accomplish," said Jack Dangermond, Esri founder and

president. "I am honored to recognize all the organizations for the many ways they are taking a geographic approach toward meeting some of the most pressing challenges our world faces today."

The Kansas Water Office has adopted GIS to enable the analysis, display, and clear communication of complex information about the state's water plan to the Kansas Water Office's many stakeholders. KWO also uses GIS to depict past areas of financial focus and identify the need for future funding requests. This leads to faster, better-informed budgetary decisions. Kansas residents and elected officials can access the interactive charts, graphs, and tables to better understand and advocate for their needs.

"We've been able to use GIS to display information that generally exists in a very text heavy format," said

Rep. Bloom shares legislative update

Hope everyone had a wonderful Fourth of July and got home safely.

Here are a few things going on you should know.

Parents and guardians of school kids who qualify for "KEEPm," Kansas Education Enrichment Program can get a one-time \$1,000 award. It is to pay for education goods, services, and school supplies. You can spend the award on tutoring, music, art, sciences, technology, agriculture, math and engineering. Not eligible for private school tuition. Apply at Kansas Office of Recovery or Kansas Keep at recovery@ks.gov or phone 785-368-8507. I know many people don't like dealing with these programs, but the money is there and if you need it and pay taxes, you might as well use it.

Until now, there has been no chargeable offense for human smuggling in Kansas. House Republicans overrode the governor's veto, criminalizing the practice of knowingly smuggling people. We

must have done the right thing because the President of Mexico personally criticized us for it!

We also modernized the criminal code for using electronic devices to track people and extend protective orders to keep people safe. Both have already made a big difference in victims' lives.

Kansas will now have a presidential primary, March 19, so be sure and keep the date for next spring.

Racially restrictive covenants on property are now null, void, and unenforceable.

We left with a balanced budget and 2.5 billion carry-over and 1.5 billion in a rainy-day fund that will help with future economic turmoil.

Kansas schools are again fully and constitutionally funded when we finalized the 2023-2024 school year budget.

We were first in the nation that defines the words man and woman. I know this is a no-brainer, but it

had to be done.

Some things my wife and I have done since the session was over:

May 4-Attended National Day of Prayer breakfast at Ft. Riley. I feel we can't support Ft. Riley and their soldiers enough.

May 8-Groundbreaking Ambulance Station in Leonardville.

May 11-We had people come from the Commerce Department and talk to the Rotary about funds for rural communities.

May 19-Attended Volunteer of the Year at Fort Riley.

May 29-Attended the Memorial Service at Fort Riley. It was one of the most impressive memorial services I ever attended.

June 2-Victory and Honor Ceremony at Fort Riley.

June 22-The House of Representatives held a Meet in the Middle Meeting at Lindsborg on June 22 to discuss new and unfinished business from the

previous winter.

June 29-Attended the Riley County Commissioners' Meeting in Leonardville.

If there's anything I can help you with, be sure and get hold of me. Phone: 785-630-1068.



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AUCTION

Saturday, August 12, 2023
@ 9:30 am
Address:
**10041 SE Tecumseh Rd.,
Berryton, KS 66409**

Tractors, Trailers, Farm Equipment, Shop items, Mowers, 4-wheelers, Antiques, Toys, Drag racing memorabilia, Vehicles, Tires, Milled telephone poles (rough cut lumber under 16' long), Iron and Scrap Iron, Shed.

Auctioneer's Note: This will be a large auction with a possibility for two rings. Generous amount of scrap iron.

Tractors, trucks and trailers will sell at approximately 1:00 pm.

SELLER:
DON & SANDY WEBB

Pictures Online at:
www.KansasAuctions.net

ALTAIC AUCTION



785-893-4315
Auctioneers:
Brady Altic &
Lester Edgcomb

SERVICE



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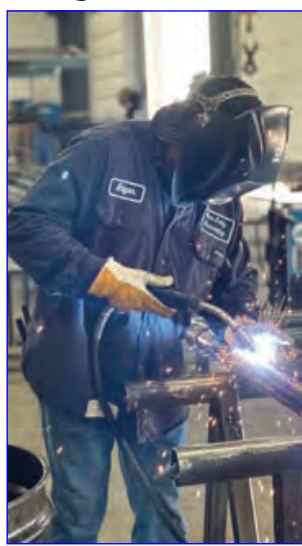
1531 Yuma St. Manhattan, KS

Supporting student ambitions: MJE joins forces with local schools

MJE Livestock Equipment and MJE, LLC, leaders in innovative livestock solutions and construction, is thrilled to partner with two local school districts to encourage students to take welding classes. For

the 2023-2024 school year, the supplemental fees usually charged to students in welding classes at South Gray High School in Montezuma and Sublette High School in Sublette will be fully covered by MJE.

“As parents, we understand that special interest classes come at a cost to families,” says Chief Operations Officer Heather Jantz. She adds, “MJE and MJE Livestock Equipment want to ease the financial



burden on students interested in developing skills that may one day lead to a career in manufacturing and construction. If we can ease that burden for them, it's a small but impactful way to get kids interested in the ag industry.”

“Welding programs are expensive for a school district to provide. Scholarship programs from MJE LE will take a burden off of the school and parents. Students will now have the chance to explore a career they might have missed because of financial hardship,” says welding instructor Grant Salmans of South Gray High School.

Students at South Gray get experience in the following:

- shielded metal arc welding
- metal inert gas welding
- tungsten inert gas welding
- Oxyacetylene gas torching
- plasma arc cutting.

“Historically, the program has been based in agricultural equipment repair, but with local manufacturing partnerships needing skilled workers, our program will continue to grow in manufacturing skills,” says Grant Salmans.

“Our ultimate goal has always been to grow our own workforce. We differentiate ourselves in the job market by offering scholarship incentives for students looking to grow their skill set and become integral parts of our team,” explains Jantz.

MJE Livestock Equipment and MJE, LLC, genuinely support their local communities. In cooperation with several other rural business leaders, MJE continues to engage in activities to promote rural education and workforce development.

Heather Jantz expresses her excitement about the new partnerships, stating, “We can't wait for employees to come knocking on our door. We look for new and innovative ways to bring them in. Local students are the future of MJE!”

Anyone interested in learning more should contact MJE, LLC by calling (620) 846-2634 or visiting mjelle.net or mjelive-stockequipment.com.

Countryside Feed LLC makes donation to Pottawatomie County fair



Countryside Feed, located in Hillsboro, Seneca and Moundridge, recently presented the Pottawatomie County Fair with a \$2500 donation. Dan Baum, sales representative for Countryside, is shown in the photo handing the check to board president Mike Lara and board member Jay Rezac. Baum said, “We are under new leadership at Countryside Feed LLC. The new CEO has come in and focused on production and safety first. We are striving every day to make excellent feed for a fair price. Our next focus is local and loyal. From the hands that make your feed, and the hands that deliver it. To the hands we shake, because those are the hands that feed it. We have a lot of great customers and we want to show that we are invested in your legacy and your future. This was a fantastic opportunity to show that in making this donation to the fair board. It's our way of thanking all of our local and loyal customers out here.” The donation will go towards the new fair building.

Courtesy photo

FARMLAND AUCTION

1,684 ACRES M/L IN SUMNER COUNTY, KS

TUESDAY, AUGUST 15TH AT 10:00 AM
RAYMOND FRYE COMPLEX | 320 N JEFFERSON AVE | WELLINGTON, KS

- The Withers Farms are located in Sumner County near Wellington, Kansas.
- Offered in 10 tracts where tracts can be purchased individually or any combination
 - Farm is comprised of 1,684 total acres m/l and will “Absolute” to the highest bidder.
 - Primary soil types include the highly productive Kirkland silt loam, Tabler silty clay loam, and Bethany silt loam.
 - Situated on both sides of US Highway 81 and near Interstate 35, just 5 minutes from Wellington, Kansas and 40 minutes to Wichita, Kansas.

Steve Bruere | 515.222.1347 | KS LIC SP00242717 | Steve@PeoplesCompany.com
Jim Hain | 402.981.8831 | KS LIC SP00228010 | James.Hain@LundCo.com
Greg Stone | 620.937.8011 | KS LIC SP00235934 | GregStone@wbsnet.org

For more information, visit WithersFarms.com | Listing #16872



ANNUAL JULY

CONSIGNMENT AUCTION

SATURDAY, JULY 29, 2023 AT 8 AM
WHEELER AUCTIONS LOT, 23101 HWY. 24, PARIS, MO

DUE TO THE LARGE AMOUNT OF CONSIGNMENTS, AUCTION WILL NOW START AT 8 AM!

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



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LAND AUCTION

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

562± ACRES MARSHALL COUNTY LAND
Located near Waterville, KS * Selling in 6 TRACTS

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

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SELLER:
PISHNY FOUR, LLC

Jeff Dankenbring, Broker - 785.562.8386
Mark Uhlik, Broker/Auctioneer
www.MidwestLandandHome.com

LAND AUCTION

595+/- ACRES GREENWOOD COUNTY, KS

FRIDAY, JULY 28, 2023 - 2:00 PM

AUCTION LOCATION: SAUDER COMMUNITY CENTER,
110 S 1ST ST, MADISON, KANSAS

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JEREMY SUNDGREN 316.377.0013

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Wallace & Sherman County, Kansas

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INSPECTION DAYS:
July 13th & July 26th • 10am-12pm
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Contact Hall and Hall for Detailed Tract Information.

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Grass & Grain Area Auctions and Sales

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

Hundreds of auctions, online and in-person. www.kansasauctions.net/gg/
Larry & Kay McMillan Online Auction (Opens July 20 8 am with a soft close July 26, 8 pm) — Selling woodworking & shop tools, generator, air compressor, saws, router, garden tractor/mower, scooter, power tools, misc. hardware & more (located at Lyons) & held Online at hollingerauction.hibid.com/auctions/current. Auctioneers: Hollinger Online Auction.

Online Summer Gun & Blade Auction (ONLINE NOW, ends August 1, 6PM) — Over 750 Great lots of Firearms, Blades & Ammo inc. hand guns, shotguns, rifles, flintlock & percussion arms, modern & antique, US & Confederate military swords, concealed carry & home defense guns, 10,000 rounds modern & collectible ammo, US coins & currency & more held online at ArmsBid.com or KullAuction.com. Auctioneers: Kull's Old Town Station, Dan Kull.

Online (& Live) Land Auction (Bid Online July 18-August 1) — 212.96 acres m/l of McPherson County Prime Farmland selling in 5 tracts: T1: 77.74 ac m/l farmland; T2: 50.24 ac m/l farmland; T3: 13.47 ac m/l farmland; T4: 18.39 ac m/l farmland; T5: 53.12 ac m/l farmland held Online at www.bigiron.com. Attend the Live Auction August 1 at Inman for Sellers: Gerald G. Kaufman Irrevocable Trust; Kent, Christian & Geoffery Kaufman. Auctioneers: Big Iron Realty, Mike Campbell, listing agent.

Sealed Bid Property (Deadline for bids is 12 Midnight on Aug. 9, 2023) — 1526 sq. ft. ranch-style home w/3BR, 1 1/2BA, 5 1/2 acres with mature trees, 2 car garage, Morton building, barn, utility building, lots of updates. Minimum bid. Go to www.soldbywilson.com for information. Auctioneers: Wilson Realty & Auction Service.

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

July 27 — Real Estate auction consisting of a stunning native stone 5 bedroom, 2 bath home built in the 1800s with almost 3,000 sq. ft., 2 car detached garage & more

held at Alma. Auctioneers: Crossroads Real Estate & Auction, LLC.

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

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

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

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

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

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

August 5 — Vehicles inc. 2007 Chrysler mini van, 2001 convertible Mustang, forklift, Ditch Witch trencher, boat trailer, golf cart, forklift, shop tools & misc., household & collectibles and Real Estate held at Nickerson for Earl & Sharon Adams. Auctioneers: Morris Yoder Auction.

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

August 5 — Beer advertising inc.: mirrors, signs, clocks, pitchers, mugs & more, Joe Camel collectibles, Coca Cola collect-

ibles, other collectibles, antique & modern furniture held at Salina for Lorraine Albers Trust. Auctioneers: Thummel Real Estate & Auction, LLC.

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

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

August 6 — L&G tractors, hand & shop tools, antique & vintage items & much more held at Auburn for Gabe & Nancy Faimon. Auctioneers: Wischropp Auctions.

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

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

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

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

August 12 — Toy auction

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

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

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

August 17 — Land Auction consisting of 170 acres m/l of Mitchell County Land with approx. 140 acres of cropland with balance being Solomon River and trees, very clean with a bonus of fishing and hunting held live at Simpson with online bidding available at www.MidWestLandandHome.com. Selling for Rita Imlay & Connie Hecox. Auctioneers: Midwest Land & Home, Mark Uhlik & Jeff Dankenbring.

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

August 19 — Pickups: 2008 Ford F250, 1963 Ford F100, 2003 Ponderosa stock trailer, farm equipment, horse-drawn equipment, body shop equipment & collectibles held Southwest of Jewell for John & Linda Woern-

er. Auctioneers: Thummel Real Estate & Auction, LLC.

August 26 — Tractor (2011 New Holland 55 Work Master), 1955 Ford 1 1/2 ton truck, 1937 Pontiac suicide door car, 1956 Volkswagon 2 door, Yamaha Grizzly 450 4-wheeler, 2017 Gravely 0-turn mower, farm machinery, collectibles inc. furniture, toys, crocks, railroad items & more, household, tools & livestock equipment held near Courtland for Victor Hurtig Estate & Carlene Hurtig. Auctioneers: Thummel Real Estate & Auction, LLC.

August 26 — Land Auction consisting of 480 acres m/l of Washington County Land inc. T1: short quarter is all native grass & 2 water sources & trees; T2: 80 ac. m/l with 51.8 ac. cropland, 10 ac. hay meadows, balance wildlife habitat; T3: Native grass pasture with large pond, above average fence; T4: 80 ac. m/l with hay meadow, wildlife habitat, native grass pasture held live at Washington with online bidding available at www.MidWestLandandHome.com. Selling for Rita Imlay & Connie Hecox. Auctioneers: Midwest Land & Home, Mark Uhlik & Jeff Dankenbring.

August 26 — 2015 Forest River Salem towable camper, 2011 H&H enclosed trailer, 1989 GMC 2500, 2019 JD mower, 2014 JD Gator, farm & tool items, scrap iron, propane tanks, household, appliances, handicap scooter, glassware, Vintage items inc.: Western decor, records, toys, belt buckles, jewelry, galvanized items, BB guns, Pepsi cooler, cast iron, crocks & much more held at Salina for the Brotton Estate. Auctioneers: Lazy J Auctions, Loren Meyer.

August 27 — Antique furniture, crocks, Stone Mason fruit jars, pictures including Budweiser "Custer Last Stand," col-

lectibles, Roseville, Hull Art, collection of Heisey glass, pink Depression glass collection & other glassware, Christmas items, costume jewelry, Indian dolls & pottery, early Barbies & clothes, modern furniture & more held at Salina for Karen Adrian Kotrba. Auctioneers: Thummel Real Estate & Auction, LLC.

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

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

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

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

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

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

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

Rain events still pose threat of foliar diseases, despite dry weather

Many corn foliar diseases thrive with summer humidity and moisture. Checking fields after a rain event, even during drought-like conditions, can help growers manage these diseases that are waiting to attack the crop.

"Prolonged water on the lower canopy of corn plants is what leads to infection," said Matt Vandelaar, Pioneer field agronomist. "Diseases like gray leaf spot, northern corn leaf blight and tar spot are likely to pop up after these rain events."

Tar spot, which develops during low temperatures (60°F to 70°F) and high relative humidity (greater than 75%), spreads from wet lower leaves to the upper leaves. It will then make its way to the leaf sheaths and eventually the husks of developing ears, resulting in reduced weight and loose kernels, with some kernels germinating prematurely.

Northern corn leaf blight (NCLB) is a concern for growers with higher-residue fields. Rain splash can spread NCLB spores, which attack lower leaves and progress up the plant. New NCLB lesions can produce spores in as little as one week, allowing the disease to spread much faster than other corn leaf diseases.

Yield losses are most severe when NCLB infects corn plants early and progresses to the upper plant leaves prior to pollination or ear fill.

Gray leaf spot thrives in high temperatures and high humidity. Conductive weather conditions encourage the rapid spread of disease near the end of summer and early fall when corn plants allocate more resources to grain fill.

Entire leaves can be killed when weather conditions are favorable, and rapid disease progression

creates leaf lesions. These lesions hinder photosynthetic activity, reducing carbohydrates allocated to grain fill. Damage can be more severe when developing lesions progress past the ear leaf during pollination.

"It's important to check those leaves as soon as possible," Vandelaar said. "Rain can cause or spread diseases rapidly. Proper identification can help get a treatment plan in place before too much damage is done."

Ask Grass & Grain to SHARE your Auction on the Official Grass & Grain Facebook Page
(Small surcharge will apply. Ad must also run in the paper.)

Reach a Larger Bidding Audience with over 5,000 followers!

AUCTION

SATURDAY, AUGUST 5, 2023 — 10:00 AM

Auction will be held at the home, 1624 E. Cloud, SALINA, KANSAS

BEER ADVERTISING, HARLEY ADVERTISING, COCA COLA, COLLECTIBLES
 Beer mirrors, signs, clocks, pitchers, mugs, other items; Joe Camel collectibles inc: 4'x3' sign, store displays; Coca Cola collectibles; Harley items inc: mirror; dolls; other pieces; large collection dolls; Elvis collectibles; Salanti accordion; Hohner accordion; Noble accordion; Mark Twain 6 string electric guitar; 3 acoustical guitars inc: Norma; green refrigerator dishes; pitcher & bowl; cartoon glasses; 12 place set Churchill England china; bookends; Ezra Brooks gun bottle; kerosene & electric table lamps; red globe lantern; Mickey Mouse collectibles; Forbes tin; bottles; Metz bank; wall art; as-

sortment pictures inc: Lone Wolf; ; cattail pitcher; covered wagon TV lamp; horse tapestry; crocks; glass churn; 60's telephone; money bags; deer horns; cream can; Coleman lantern; granite coffee pot; Pepsi bottles; dance lights; pool table light; telephone boxes; spice rack; wood skis; He-Man lunch box; Fritz & Floyd items; Bingo car tags; Tall Ship models; Ty bears; pheasant mount; puzzles; Teddy bears; Fidelitone record player; Geib record player; antique toasters; BB guns; Danielle Steel books; records; purses; trays; Walkman radios; Corningware; Tupperware.

ANTIQUE & MODERN FURNITURE
 Oak buffet; 20's oak buffet;

oak highboy; newer oak curio cabinet; red 20's couch; metal beds; Harmograp upright phonograph; antique walnut dresser w/mirror; treadle sewing machine; metal lawn chair; wood immigrant chest; floor lamps; blue couch; new pine drop front desk; wagon wheel couch & coffee table; camel back trunk; cedar chest; white dresser; maple chest; maple chest & dresser; pine roll front desk; pine night stands; 60's maple hutch; maple server; handmade chest; 70's china hutch; metal utility cabinets; 60's plastic chair; Boflex exercise machine; wooden ladder; wood house trim; large assortment of other items. Many other collectibles & household.

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

AUCTION

SUNDAY, AUGUST 6, 2023 — 1:00 PM

Auction will be held at the home located at 112 N. Wilson, HILLSBORO, KANSAS

CARS: Sell at 2:30 P.M.
 2007 Lincoln MKX 4 door, loaded, 130,223 miles, very good; 1964 Ford Galaxie 500 XL 2 door convertible, 8 cylinder, automatic on floor, 74,000 actual miles, engine free, car has always been in family.

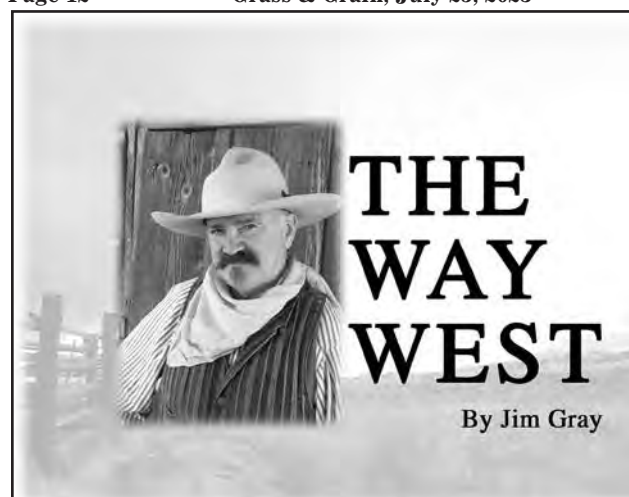
GUNS: Sell at 1:00 P.M.
 Winchester 12 ga model 1200; US Springfield 1864 percussion shotgun; J Stevens 410; US Springfield 1863 percussion shotgun; American Gun Co. Damascus 12 ga side by side; J Stevens 22 bolt; American Gun Co 12 ga side by side; Breach loader percussion; JP Lower percussion 32 or 36; Hopkins Allan 12 ga side by side; Hopkins Allan 16 ga single shot; Wards Hercules 12 ga. Number 10; Maverick 12 ga (MV0659680); Marlin model 19 pump 12 ga; Champion 12 ga single shot; Whitney center fire 32; Hopkins 12 ga shotgun; Hopkins & Allan

12 ga shotgun; Remington 16 ga. 1148; Special 12 ga; Townleys American Boy 410; Getther 12 ga; Remington 12 ga. Model 10; Royal Gun Works Belgium 10 ga side by side; 12 ga single shot; H & R 12 ga.; Western Field 12 ga. Model 30 bolt; Ithiac 18" model 37 barrel; Victor 12 ga single shot parts; other parts guns; BB guns inc: Rogers model 24, 94 & 102 Plymouth 25; Knights sword.

COLLECTIBLES, TOOLS & HOUSEHOLD
 Baschm Lamb optical cabinet; oak 2 door wardrobe; Crosley chest freezer; oak 1-door curio cabinet; couch & chair; 48" Hisense flat screen TV; 48" round oak table painted green; antique metal car trunk; kitchen table & chairs; end tables; gun cabinet; 70's 2 pc. bedroom set; cedar chest; tea cart; White sewing machine; antique oak parlor table; trunk; beer steins; assortment pictures

inc: (KU); Clydesdale horses; Ebel "Summer In Kansas"; western; other pictures); assortment glass; Jayhawk bottle; American Legion lamp; K-State pennant; records; Dalke Service sign; painted barber pole reproduction; Hillsboro cream cans; linens; comic books; Shooters Bibles; cookbooks; gun books; other books; records; games; metal tractors; 56 Ford T-Bird model; 1930 Packard car kit; other toys; watch fobs (Winchester saddle; JI Case; LaPlant); Stulz jug; saddle; saddle gun holders; collars; hames; bits; horse shoes; duck decoys; traps; antique wrenches inc: Ford; wood ammo box; keys; Hamm radio; assortment of Christmas decorations; Poulan Pro 300 ridding mower; Toro 21" mower; SK tool box; CH air compressor; grinder on stand; railroad rail anvil; tools inc: sockets, hammers, wrenches; screw drivers; electric tools.

NOTE: We will sell the guns at 1:00, the cars at 2:30. Check our website for pictures at www.thummelauction.com
JOHN & DELORES DALKE ESTATES
 Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067



Tragedy and Terror

In 1879 big Texas herds bound for the northern ranges of Wyoming, Montana, and the Dakotas were following the Western Trail into west-central Texas. The trail crossed No Man's Land, today's Oklahoma Panhandle on the way to Dodge City and Ogallala, Nebraska. While not the preferred route to the far northern ranges, cattlemen still used the Chisholm Trail to reach the grasslands of southern Kansas where exceptionally fine pasture transformed the wild Texas cattle into beefy, contented animals.

Trail driving was naturally a dangerous occupation involving stampedes, swollen rivers and the mere fact that living out of

doors could bring on the unexpected at any time. Indians could be troublesome, and drovers were constantly watching for cattle thieves.

Letters from Troy Stockstill to family members in Kansas described the country of the Chickasaw Nation in present-day Oklahoma. Stockstill and partners purchased five hundred head of cattle. "The face of the country was rough and broken, a fit rendezvous for robbers." Stockstill wrote, "The country (is) full of lawless cutthroats and plunders that would take a man's life for \$5 or less." Stockstill expressed concern that they would be able to get out safely with their stock. Stockstill had good

reason to be concerned.

A correspondent for the *Arkansas City Traveler* reported that Indian Territory, south of the Kansas border, was fast becoming a lawless land filled with desperate men before reporting the details of the subsequent attack on Stockstill and his partners.

On July 2, 1879, the trail herd was moving at a leisurely pace through the Shoto valley, eighty miles south of Fort Reno (Oklahoma). Stopping to rest, the drovers spied four men approaching on horseback. T.H. Candy (Canelee) was with the herd. James Henderson was leaning on a wheel at the front of the wagon with the cook and a young herder, both unnamed. Troy Stockstill and W. W. Woods were on their horses. The strangers rode directly to the wagon inquiring, "Hello, boys, how are you getting along?" One of the drovers responded, "Slowly."

With that the strangers dismounted and drew their six-guns. The leader announced, "I guess we'll have to arrest you."

The correspondent for the *Traveler* explained, "That game had been played often in the Territory, to 'arrest' men under pretense of law, and then disarm and rob them, but these men fully understood the movement..."

Still in the saddle, Stockstill drew his pistol and shouted, "No, you don't." But one of the robbers was faster. Bullets split the air, hitting Stockstill in the side. James Henderson "dropped dead in his tracks," shot through the heart. With hot lead flying all about them the cook and herder ran for cover as Woods' horse bolted. Stockstill was hit again, this time in the stomach. The stunned cowboy slumped forward in the saddle. As horses panicked and ran Stockstill received two more shots before charging beyond the range of blazing-hot lead. Stockstill stayed with his horse about a half-mile before he fell dead from the saddle.

The other mounted cowboy, W. W. Wood, fought with his horse for about the same distance before bringing it under control. The cook made a clean getaway. The herder was wounded and begging for his life when Woods turned his horse toward the outlaws. "The robbers sent a volley after him from their Winchester rifles, shooting his horse from under him."

Fortunately, the unnamed herder, "...begged so hard for his life that he was allowed to go."

The *Traveler's* correspondent eulogized Troy Stockstill, writing that he

was a resident of Medicine Lodge, Kansas, "where he had been engaged in raising cattle, and was a gentleman and well-respected citizen. He leaves a wife and six children, the oldest being young ladies of about 17 or 18 years." James Henderson was a single man about thirty-one years of age. His parents reportedly lived in Oskaloosa, Kansas.

The escalating lawlessness of Indian Territory alarmed the Kansas border communities who had little recourse for justice in the territory except through federal authorities. Officers who had entered the territory in search of fugitives had often mysteriously disappeared, never to be heard from again. "In the section we speak of there are at least forty outlaws from Texas, Arkansas, and Missouri, and the state of society is fearful... The Territory should be brought into the Union and have competent men and civil laws instead of being a den for desperadoes."

The bodies of Troy Stockstill and James Henderson were returned to Kansas, Stockstill in Medicine Lodge and Henderson in Valley Falls. Henderson's stone reads "ASSASSINATED."

The editor of the *Burlington Patriot* wrote, "In

that section... life is uncertain and robberies are of every day occurrence. If these men fancy a gun, saddle or pistol, they simply take them regardless of law or ownership." Tragedy and terror were unfortunately constant companions for many years to come when entering "The Territory" on The Way West.

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

New Address?

Let us know!

Contact Kevin to update your Grass & Grain subscription:

agpress3@agpress.com
785-539-7558
1531 Yuma St.,
Manhattan, KS 66502

Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

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

TOTAL FOR THE WEEK: CATTLE - 2,922

BULLS: \$125.00-\$137.50	3	Blk	Barnard	427@	\$280.00			
COWS: \$110.00-\$121.00	5	Blk	Newton	522@	\$279.00			
	3	Blk	Salina	530@	\$279.00			
	4	Blk	Minneapolis	469@	\$273.00			
	3	Blk	Tescott	442@	\$272.00			
STEERS	4	Blk	Lindsborg	374@	\$271.00			
300-400				3	Mix	Tescott	535@	\$269.00
500-600				19	Mix	Salina	509@	\$269.00
600-700				3	Blk	Delphos	530@	\$260.00
700-800				35	Mix	Salina	590@	\$257.00
800-900				10	Mix	Brookville	603@	\$257.00
900-1,000				5	Blk	Lindsborg	563@	\$256.00
				23	Mix	Lindsborg	677@	\$256.00
				11	Mix	Salina	615@	\$256.00
HEIFERS				12	Blk	Ellsworth	601@	\$255.00
300-400				11	Blk	Delphos	627@	\$254.00
400-500				3	Blk	Lincoln	560@	\$252.00
500-600				6	Mix	Delphos	663@	\$251.00
600-700				18	Mix	Salina	616@	\$250.50
700-800				17	Blk	Delphos	699@	\$249.00
800-900				21	Mix	Gypsum	683@	\$249.00
				6	Blk	Minneapolis	611@	\$248.00
				15	Blk	Ellsworth	696@	\$247.00
				56	Mix	Salina	678@	\$245.50
				9	Blk	Minneapolis	732@	\$244.00
				7	Blk	Minneapolis	669@	\$243.00
				64	Mix	Halstead	828@	\$240.50
				10	Mix	Brookville	735@	\$239.00
				17	Mix	Delphos	781@	\$239.00
				28	Blk	Whitewater	761@	\$239.00
				6	Blk	Minneapolis	789@	\$236.50
				69	Blk	Whitewater	852@	\$235.75
				75	Mix	Assaria	794@	\$235.00
				4	Blk	Tampa	741@	\$234.00
				60	Mix	Wilsey	887@	\$233.25
				15	Blk	Salina	827@	\$232.00

THURSDAY, JULY 20, 2023

STEERS

12	Blk	Brookville	503@	\$320.00
4	Blk	Minneapolis	566@	\$304.00
20	Mix	Brookville	620@	\$291.50
4	Mix	Newton	600@	\$291.00
12	Blk	Lindsborg	361@	\$287.50
31	Mix	Salina	554@	\$287.50
44	Mix	Salina	625@	\$286.00
5	Blk	Minneapolis	532@	\$285.00
5	Blk	Minneapolis	666@	\$279.00
3	Char	Hunter	598@	\$278.00
7	Blk	Ellsworth	594@	\$278.00
8	Mix	Salina	561@	\$270.00
14	Blk	Ada	696@	\$269.50
17	Mix	Olpe	724@	\$266.50
10	Mix	Salina	672@	\$266.00
6	Mix	Beverly	748@	\$265.00
18	Blk	Ada	748@	\$262.50
43	Mix	Salina	713@	\$262.00
9	Blk	Delphos	722@	\$261.00
19	Mix	Lindsborg	830@	\$256.00
28	Blk	Ellsworth	754@	\$256.00
15	Blk	Delphos	803@	\$255.00
17	Mix	Hope	805@	\$254.00
8	Blk	Minneapolis	802@	\$254.00
46	Blk	Whitewater	764@	\$252.50
29	Blk	Salina	764@	\$251.50
11	Blk	Ellsworth	819@	\$251.00
24	Mix	Delphos	839@	\$250.50
20	Blk	Assaria	820@	\$250.25
37	Mix	Gypsum	691@	\$249.00
106	Blk	Hope	906@	\$247.10
14	Mix	Olpe	836@	\$247.00
61	Blk	Hope	868@	\$246.00
57	Blk	Whitewater	843@	\$245.50
10	Mix	Minneapolis	834@	\$245.25
23	Mix	Gypsum	797@	\$245.00
60	Blk	Uniontown	934@	\$239.50
104	Blk	Uniontown	1025@	\$235.25
54	Mix	Hope	1003@	\$231.00

HEIFERS

2	Blk	Hillsboro	403@	\$307.00
2	Blk	Brookville	410@	\$295.00
5	Blk	Salina	461@	\$295.00
11	Blk	Brookville	530@	\$282.00

MONDAY, JULY 17, 2023

BULLS

1	Blk	Delphos	2320@	\$137.50
1	Blk	Wilsey	2200@	\$135.00
1	Blk	Abilene	2225@	\$134.00
1	Blk	Ellsworth	1535@	\$134.00
1	Blk	Gypsum	1530@	\$133.00
1	Blk	Ellsworth	1710@	\$133.00
1	Blk	Hutchinson	1925@	\$131.50
1	Blk	Barnard	1975@	\$131.00
1	Blk	Ellsworth	1605@	\$131.00
1	Red	Bavaria	2070@	\$130.00
1	Blk	Hutchinson	2135@	\$129.50
1	Blk	Inman	1985@	\$129.00
1	Char	Hillsboro	1570@	\$127.50

COWS

1	Char	McPherson	1495@	\$121.00
1	Bwf	McPherson	1630@	\$119.00
3	Blk	Salina	1817@	\$118.00
6	Blk	Salina	1777@	\$117.00
3	Blk	Salina	1953@	\$117.00
4	Mix	Hillsboro	1659@	\$116.50
1	Bwf	Jewell	1280@	\$116.00
4	Mix	Salina	1508@	\$115.50
1	Ywf	McPherson	1195@	\$115.00
1	Char	Hillsboro	1540@	\$115.00
1	Red	Abilene	1530@	\$115.00
2	Blk	Hutchinson	1158@	\$113.50
2	Blk	McPherson	1218@	\$112.00

Livestock Commission Co., Inc.

Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY

Hogs sell at 11:00 a.m. on the 2nd & 4th Monday of the month.

Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

For a complete list of cattle for all sales check out our website www.fandrive.com

CATTLE USA.com LIVE CATTLE AUCTIONS

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

REMINDER!!

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

FALL CLASSIC HORSE SALE

OCTOBER 14-15, 2023

Colt Deadline: August 1, 2023

Horses age 2-older Deadline: August 1, 2023

Early Consignments For THURSDAY, JULY 27, 2023

500 steers 80% black, 750-850, off grass; 400 steers, 800-900, off grass; 34 black steers & heifers, 500-600, home raised, vaccinated; 700 black steers, 800-850, off grass; 400 black steers, 800-900, off grass; 100 char steers, 800-900, off grass; 43 steers, 950-975, off grass; 320 black/red/char steers, 825-975, off grass; 95 black steers, 800-900; 120 black steers, 850-900, off grass; 50 steers & heifers, 700-750, long time weaned, 2 round vaccinations, home raised, open; 340 black/red steers, 700-800, Bluestem; 74 black steers & heifers, 700-900, home raised, long time weaned, vaccinated, open; 71 mostly black heifers, 625, weaned, 2 round vaccinations, open, no implants, no grain, green; 160 Angus steers & heifers, 550-750, 2 round vaccinations, open, Don Johnson Angus sired; 120 black/bwf steers, 850-900, off grass; 31 black/red steers & heifers, 500-650, home raised, 2 round vaccinations, 90 days weaned, open, off grass; **PLUS MORE BY SALE TIME.**

We will be having a Special Cow Sale!

Tuesday, August 15, 2023.

Get your cows, pairs, heifers & bulls consigned!

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- Heavy Duty Feed Bunks

For Information or estimates, contact:

Mike Samples, Sale Mgr., Cell Phone 785-826-7884

Kyle Elwood, Asst. Sale Mgr., Cell Phone 785-493-2901

Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS	Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS	Austin Rathbun 785-531-0042 Ellsworth, KS
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Check our listings each week on our website at www.fandrive.com

Cattle Sale Broadcast Live on 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.