



## Forging through one piece of metal at a time

By Amy Feigley

Osborne resident Ben Ruthstrom has been bitten by the iron bug. What started out as something he enjoyed watching his old neighbor Rex Weaverling tinker around with sparked Ben's interest from there. And, six years later, Ruthstrom, who works as a lineman for Rolling Hills Electric, turned his garage into his shop, something that he is very proud of and he knows that his old friend Rex would be smiling down on him seeing what he has accomplished.

Through this hobby, Ben has begun a collection of old tools and machines. He has many "favorites" in his shop, tools that have an untold history. His favorite would have to be the Little Giant trip hammer. With the age of this hammer reaching the century mark, Ben says that for its age, it still works great. He also notes that it was also the original one used in the welding shop in Osborne. His second favorite piece means a little more to him as it belonged to his grandpa, Leroy Ruthstrom. This past Christmas, he received a large flat-belt-driven grinder, a gift that he was ecstatic to receive and one that he is in the process of working on to get it running and to use, just like his grandad did all of those years ago. A coal forge that belonged to his old neighbor and friend Rex ranks up there pretty high. He was able to purchase it last fall and he is anxious to start using it.



Ben Ruthstrom of Osborne puts the finishing touches on a knife he has crafted. Ruthstrom began doing metal and iron work six years as a side hobby, an interest he picked up from his late friend and neighbor, Rex Weaverling.

Walking into his shop, you immediately notice that, whatever the project may be, Ben puts his heart and soul into it and doesn't finish until he has achieved perfection. That is the same thing generations before him felt as they started something new, from his dad to his great-grandad Rosell, achieving the perfect piece of art that will last for decades to come. Everything from knives to crosses to BBQ tools, he

is proud about each piece he creates and hopes that whomever is receiving them, that they feel the same way. The metal he uses is repurposed from farm implements. He receives a steady supply of railroad spikes and cultivator shovels from his brother-in-law. The exotic woods that are used for the knife handles come from Freieden Hardwood Lumber in Pomona. The oak and walnut he uses for the handles of the knives is



Ruthstrom's shop is full of history, which includes an old trip hammer from the Osborne welding shop, his late grandfather's belt driven grinder, and a coal forge that belonged to his old neighbor. He feels a strong connection to those who used these tools before him when working on a project.

*Courtesy photos*

locally harvested. High on Ben's list of requests are knives and hooks. Everything from chef's knives to hunting knives, are just a few of the creations that he has mastered. He was able to take an old railroad spike and turn it into a beautiful dragonfly or a hummingbird, two of which are his wife's favorites. His split cross that sit on a piece of old cedar is just another one of his masterpieces. As you look at

each piece Ben displays, you see the time and love that he puts into them. The twisted metal of the hooks are perfect for hanging a hand towel or your kitchen apron on, giving it that old, authentic look.

Among the other items that he makes are hatchets, jewelry, decorative hardware, and other odds and ends that a person might ask for. A hook is a fairly quick project, with a knife, depending on the details, taking up to a few

weeks. When Christmas orders start making their way to Ben, he spends his evenings and weekends in his shop, making sure each gift is done on time.

Ben has a passion for using the old, traditional (early 1900s) tools. He mainly uses a propane forge due to coal being hard to come by. Starting with the basics is very important to him. He began with an old coal forge, a broken-down anvil he got for free and a ballpeen hammer and from there, just started collecting more and more tools. Setting goals is high on Ben's list when he starts something new. He still has the very first knife he made and he does not hold back when he says that it is ugly. But, he grew from there and with practice, makes perfect. For those who are wanting to start a new hobby, whether it be metal work or woodworking, Ben would encourage them to practice and start with something small and work up from there. That first footstool you make might turn into a beautiful cedar chest one day.

With a family that has held stone masons, woodworkers, and now a metalworker, Ben hopes that the younger generation will carry on these old trades. Taking welding and wood shop classes in high school might spark an interest that will be with them for years to come. For more of Ben's beautiful pieces of work, check out his Instagram page, br\_forge.

## Study shows precision agriculture improves environmental stewardship while increasing yields

The Association of Equipment Manufacturers (AEM), in partnership with the American Soybean Association, CropLife America, and National Corn Growers Association, released a study quantifying how widely available precision agriculture technology improves environmental stewardship while providing economic return for farmers.

Precision agriculture leverages technologies to enhance sustainability through more efficient use of critical inputs, such as land, water, fuel, fertilizer, and pesticides. Farmers who use precision agriculture equipment use less to grow more.

The Environmental Benefits of Precision Agriculture study highlights how policies and technological advancements can help farmers increase these outcomes.

"We are living in a new age of agriculture, and today's precision technology on equipment can have

an enormous positive impact on farmers and the environment," said Curt Blades, senior vice president of agriculture at the Association of Equipment Manufacturers. "One of our goals at AEM is to encourage the adoption of these technologies by more farmers, so they can all reap the benefits as we continue to focus on sustainability."

### Environmental Benefits

The study explores five key environmental benefits achieved through precision agriculture technology adoption, including:

- Yield benefit through increased efficiency
- Fertilizer reduction by more precise placement
- Pesticide reduction by more accurate application
- Fuel savings due to less overlap and better

monitoring

• Water savings through more accurate sensing of needs

"Over the past 18 years, the growth in corn and soybean yields, for example, has coincided with the widespread adoption of precision agriculture technologies," said John Linder, National Corn Growers Association (NCGA) president. "As precision agriculture technologies become more widely adopted, there is the potential for significant upward movement in yields and savings."

### Part of Climate Answer

"The reductions in greenhouse gases this study illustrates shows modern agriculture is part of the climate solution," said Kellie Bray, CropLife America (CLA) chief of staff. "Fuel savings alone due to precision ag tools

is the yearly equivalent of taking nearly 200,000 cars off the road, all while preventing an area equal to 4.5 Yellowstone National Parks from being added to production because of yield increases."

### Study Highlights

As precision agriculture equipment and technologies are more widely adopted it will lead to significant increases in yields and further input savings: Significant increases in yields and further input savings can be reached as precision agriculture technologies become more widely adopted:

- Productivity has increased an estimated 4% and has the potential to further increase 6% with broader adoption.
- Precision agriculture has improved fertilizer placement efficiency by an estimated 7% and has the potential to further im-

prove an additional 14%.

• Herbicide use has been reduced by an estimated 9% and has the potential to further decrease 15% at full adoption.

• Fossil fuel use has decreased an estimated 6% with the potential to further decrease 16%.

• Water use has decreased an estimated 4% because of current precision agriculture adoption with the potential to further decrease 21% at full adoption.

### Overcoming Barriers

"Soybean growers know from experience that precision agriculture contributes to both short-term and, importantly, long-term yield, environmental, and economic benefits, and this study helps quantify that progress," says Kevin Scott, South Dakota soy grower and American Soybean Association (ASA) president. "But if

we want to get to full adoption of the technology—and realize the immense industry-wide gains in yield and input savings—we still have a lot of work ahead of us."

AEM, ASA, CLA, and NCGA are working together to advance technologies and practices that will bring the potential the study highlights to fruition:

- Promote policies that incentivize innovations in agricultural production
- Improve the infrastructure that makes precision agriculture possible, including wireless broadband over croplands and rangelands
- Grow farm income so producers have capital to invest in their operations
- Increase consumer communication about the environmental benefits of precision agriculture

## Cattlemen's Day program transitions to online

Kansas State University's Animal Sciences and Industry Department will host Cattlemen's Day 2021 on Friday, March 5 using the Zoom platform. Mike Day, KSU ASI department head, will kick off the morning at 9:30 a.m.

"We're excited to host the 108th KSU Cattlemen's Day," says Ken Odde, K-State professor and Cattlemen's Day co-chairman. "Although COVID-19 restrictions have led us to transition this year's event online, we are excited about the lineup of speakers and the topics they will address. Our annual program strives to address key issues and provide current information that keeps our industry efficient and relevant. This year's featured speakers — Dr. Jayson Lusk, Jason Rumley and Robert Norris — will sum-

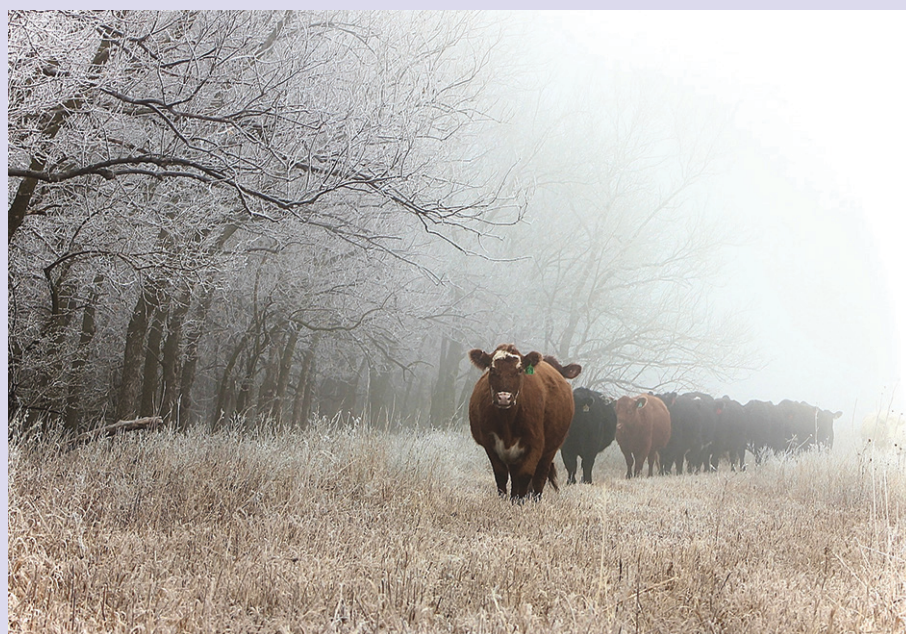
marize how the COVID-19 pandemic affected the U.S. beef industry from the producer and processor and beyond."

Following Day's presentation, Jayson Lusk, Purdue University distinguished professor and head of the Department of Agricultural Economics, will discuss the "Pandemic Effects on the U.S. Beef Industry." Jason Rumley, Radian Group principal, and Robert Norris, Radian Group director, will then share "2020 Beef Processing, Retail and Foodservices COVID-19 Insights."

Sandy Johnson, KSU ASI livestock production specialist, will then talk about reproductive technology resources and tools. Liz Boyle, KSU ASI extension meat science specialist, will lead the final pre-

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## In line for a frosty breakfast



A hoarfrost was experienced recently, which occurs when dewdrops are frozen into ice crystals. These cattle make their way through the fog toward their feeding area.

Photo by Jill Langvardt





## Still Pushing Forward

By Kim Baldwin,  
McPherson County farmer  
and rancher

I was recently asked to help judge an FFA speech contest. I happily agreed to help as I thoroughly enjoy listening to young adults present their research and memorized written work before a panel of strangers. Besides, setting aside a few hours to judge is the least I can do to help support a valuable organization that helped shape me.

This year's contest was void of a building full of chattering high schoolers from around Kansas nervously working through their manuscripts one last time before presenting to a room of judges. There was no electric feeling in the air from teens anxiously pacing hallways prior to their events. There was no tabulation room where FFA advisors would catch up with one another over warm cups of coffee and cold donuts. There was no pizza for students and adult volunteers to devour. This year's event was virtual.

Some of my best FFA memories were when I'd get up hours before the sun, drive into town, get on a yellow bus with my fellow FFA members and travel to contests and events. Those were always the mornings I didn't want to hit the snooze button.

On the bus, I'd practice for my contest followed by a jam-out session to the likes of AC/DC thanks to someone bringing their boombox. We would all

look forward to seeing our friends from across the state and being able to hangout and socialize after completing our contests while waiting for judges to tabulate scorecards. We'd play cards, eat junk food, listen to music and sometimes harass our tired ag teachers. Competing was fun. Building my skills was fun. But the social aspect was something I genuinely looked forward to as well.

I checked into the Zoom meeting room from the comfort of my kitchen. One by one, students from across the central part of Kansas would be admitted into our virtual room at their assigned time to give their prepared speech on a topic of their choice — aiming to be within six and eight minutes — before completing a five-minute question and answer session with the judges.

I'm not sure if the absence of live, in-person stone faced judges staring at you eased the anxiety of this year's batch of prepared public speakers. I do know there was a new set of unofficial criteria each student had to mentally check aside from making sure their tie was on straight and their jacket was zipped properly before walking into a room and giving their speech at their assigned time.

Students had to be cognizant of their Wi-Fi connections, their audio levels, their lighting, the angle of their computer screens, their backgrounds and any background noises

that could potentially derail a speaker. Hands down, there were a lot more that students had to prepare for this year.

While some students presented their speeches in classrooms, others presented from a room in their homes. Regardless, every one of the speakers showed up on time in their official dress to present work they had spent weeks, if not months, preparing.

While it would have been easy to take a pass on this year's speech event because the traditional environment was nonexistent, and because students didn't get out of school for the day, and because there was no bus ride where students could bond, and there was no opportunity to mingle with students from other schools while waiting for scores to post. I have to say that agriculture students from across central Kansas still put in the work and performed to the best of their abilities this year even though the extra perks of traveling to a contest and seeing their friends didn't happen.

The caliber of work presented and the number of students competing was not lost.

While COVID-19 sure has led to the creation of different experiences I don't think any of us could have imagined a year ago; I admire the students (and their teachers) still pushing forward for continued self-improvement and excellence, even in the time of a pandemic.

*"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.*

## Ag Barometer drifts lower, farmers remain concerned about the future despite strong economic conditions

The Purdue University/CME Group Ag Economy Barometer dropped seven points in January to a reading of 167. While the Index of Current Conditions remained relatively flat, down three points to a reading of 199; the Index of Future Expectations fell ten points to a reading of 151. Since its peak in October, the Ag Economy Barometer has fallen 9%, all attributable to weaker expectations for the future. The Index of Future Expectations has fallen 19% since October, while the Index of Current Conditions rose 12% over the same time period. The Ag Economy Barometer is calculated each month from 400 U.S. agricultural producers' responses to a telephone survey. This month's survey was conducted from Jan. 18-22.

"The ongoing strength in the Current Conditions Index appears to be driven by the ongoing rally in crop prices, while the deterioration in the Futures Expectations Index seems to be motivated by longer-run concerns about policies that could impact U.S. agriculture in the future," said James Mintert, the barometer's principal investigator and director of Purdue University's Center for Commercial Agriculture.

Producers are becoming more optimistic about short-term expectations for their farms' financial performance, with nearly one-third expecting better financial performance in the coming year compared to 2020. When asked about the size of their operating loan, 17% of respondents expect their loan to increase this year and, of those, 20% said the increased loan is due to carrying over unpaid op-

erating debt from the previous year. This implies that 3%-4% of those surveyed are suffering financial stress; however, that is down from 5%-6% of farms identified as suffering financial stress one year ago.

Producers continue to think now is a relatively good time to make large investments in their farming operations. The Farm Capital Investment Index held strong at its record high of 93 for the past two months. The percentage of farmers expecting to increase their machinery purchases also held at its highest level over the last year of 15% in January.

Farmers also remained bullish about short-term farmland values and cash rental rates. In January, 43% of respondents said they expect farmland values to rise over the next year (up 8 points from December) and 27% of respondents said they expect cash rental rates to rise in 2021 (up 9 points from last month).

Farmers' weakening expectations for the future appear to be motivated by concerns about several policy issues. Confidence that the on-going trade dispute with China will ultimately be resolved in a way that favors U.S. agriculture has waned, falling 12 points in January to 38%. There is also concern about possible changes in environmental policies with 83% of respondents expecting more restrictive regulations under the new administration (up 42 points since October). Lastly, approximately 73% and 75%, respectively, expect higher estate and income taxes over the next five years, compared to 35% and 40% who felt that way in October.

Interest in capturing carbon on farms that agree to follow specified production practices has increased as several firms have begun offering contracts to farmers. To learn more about this, the January barometer survey included questions related to carbon capture. Thirty percent of respondents to the January survey said they are aware of opportunities to receive a payment for capturing carbon. Interestingly, among the 30% aware of these opportunities, 22% said they have actively engaged in discussions about receiving a carbon capture payment. This implies that 6%-7% of the farmers in the January survey have given consideration to contractually sequestering carbon.

Finally, to better understand the farming community's perspective on receiving the COVID-19 vaccine, the barometer survey has been asking respondents since October, whether they plan to get the vaccine. Possible responses included, "Yes, as soon as possible;" "Yes, but not right away;" and "No." Interest in being vaccinated quickly has been trending up since October. In January, 58% said they plan to get vaccinated as soon as possible, up from 39% in December, 36% in November, and 24% in October.

## Ibotta campaign features ground pork

Throughout the COVID-19 pandemic, pork sales — specifically ground pork — has seen a surge in sales. Because of this, KPA chose to feature ground pork on an Ibotta campaign that ran from October through December 2020.

The campaign gave customers the opportunity to earn back \$0.10 on any brand of fresh ground pork. To be eligible for the rebate, consumers had to answer a question asking what recipe they plan to make using the pork.

Over 32,925 units of pork were sold during this time period using the Ibotta rebate. Top answers of what consumers planned to make with the ground pork included tacos, spaghetti, meatballs, chili and meatloaf. KPA plans to use the information for future promotions and recipe development.

Ibotta is a coupon app for smart phones that allows customers to earn rebates on everyday purchases. The offer was extended to customers in Kansas, Oklahoma, Colorado, Missouri and Texas.



I have the cows running on brome grass meadows and need to get them fenced off them before the fertilizer comes. How do I know this? I know this because my Co-op called me to see when I want my fertilizer applied and if I was ready. My first reaction was, "Why are you calling me so early, I want my fertilizer on in February." Oh wait, it is February. Yeah, I am ready anytime. Followed by hanging up the phone and wondering how I am going to get the fence built.

Top that off with an arctic blast coming in, giving me a swiftly approaching deadline. I admit that I work better on swiftly approaching deadlines, but it does not do my heart and blood pressure any good. In any case, I had two days of nice weather to complete the task. Two days should be more than enough because the fence I must build is not that much or that hard to build but if you know me, you know it is not enough time.

Day One of the nice days saw me trying to fill all the hay feeders and run some errands that had to be done. Remember what I said about swiftly approaching deadlines and my ability to work better. Finally, at 3:00 I had gotten to the point of being able to build fence. It left me two hours before I had to do chores and check sheep and should have been enough time. That was if things went smoothly, and that is a big if.

I took Ida, our cow dog — that is using the term 'cow dog' loosely — loaded up supplies and went to the first patch. I thought I could sneak in with the side-by-side and get the job done quickly and quietly. I really like my side-by-side, it makes life a lot easier, most of the time — tasks like rotating cows to new pastures. Funny thing is that makes other tasks like building fence much tougher when the cows are conditioned to think they are getting new, fresh grass each time they hear the side-by-side.

I pulled in the patch and started to hook up the corner insulator where we split the native and brome meadows. I looked up and here came the herd at a full stampede gallop right at me. They came to a screeching halt right before they crossed the line into the brome. I was still good. They seemed content to watch me run the wire and tie it on the

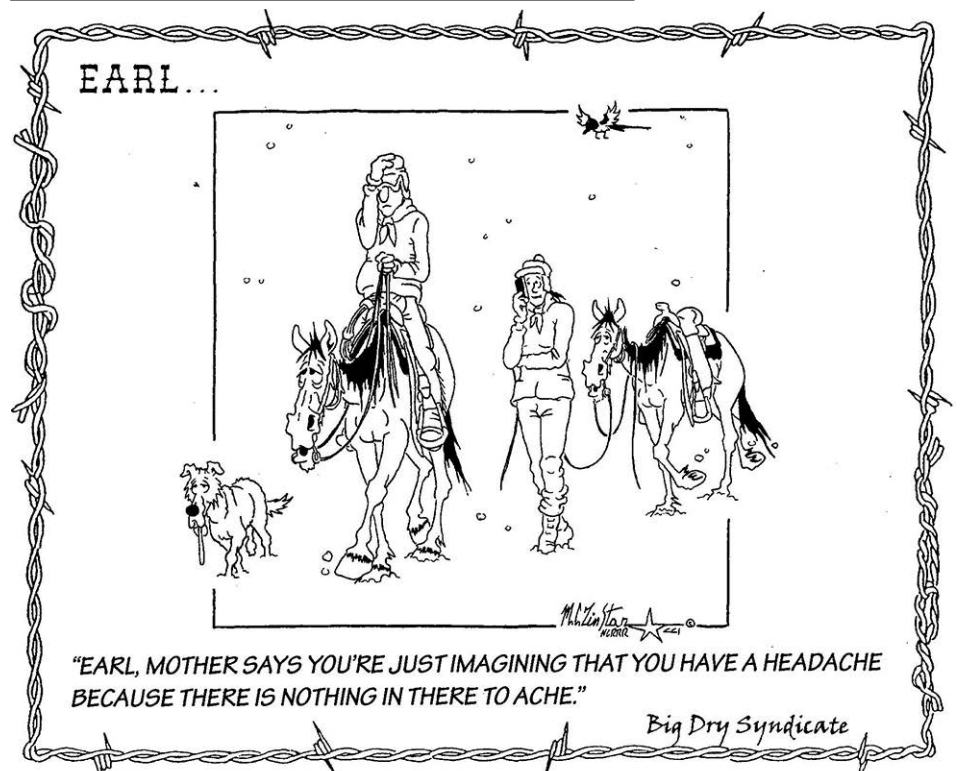
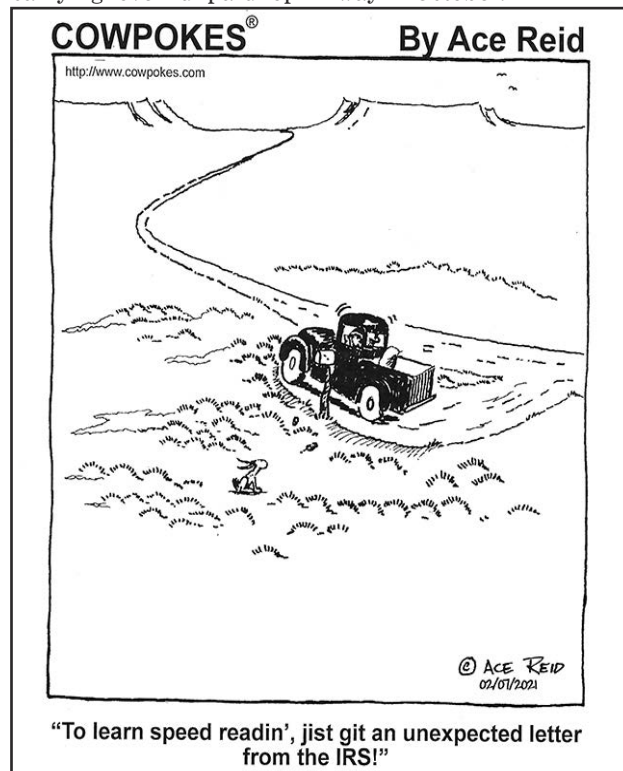
other end, watching my every move but staying where I wanted them to be. I started back toward them putting posts in as they watched me, and I watched them. Some of the cows even started drifting back to the feeders and away from the fence. Then Ida decided to get involved.

She bailed out of her spot on the seat of the side-by-side and trotted over to the cows. I am not sure what was going through her beany little brain. The cows looked at her and decided either she was a threat or something to be played with. Immediately they started to chase Ida. Instead of running away from the newly assembled fence, she decided to run through it. Remember, I did not have all the posts in so the fence in one spot was nose-high to a fat blue heeler.

She proceeded to take most of the herd with her through the fence and out into the brome. I am not going to lie, I renamed her and every cow as they plowed on into the brome dragging my fence with them. I had been three or four posts from having it complete. I drove out to them and collected the sheepish dog. I tried to drive them back in, but they would not cooperate, they knew something was up. Then the light bulb went on; it is a dim bulb, but it does light up occasionally. If I could not drive them back in, I would lead them back in.

I turned and started driving toward the bale feeders calling to my cows as I went. They picked their heads up and came at full gallop. When we got to the feeders, I had another dilemma. How do I get them to stop following? I quickly searched the bed and all I had were a few flakes of straw. I threw them out and sped back to the fence. Luckily, I was able to find both ends quickly before the cows figured out the bait-and-switch. By the time they ran back to the side-by-side, I had both ends in my hands and was feverishly working on splicing them.

I did get the ends spliced and the remaining posts in and the cows were corralled on the right side. Ida, the supposed cow dog, cowered in the seat while I finished the project. Leaving me one day and one fence to build. No problem, what could go wrong, especially with a swiftly approaching deadline?



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# Farming sustainably with genetically modified crops

By Monte Peterson

Fourth-generation soybean and corn farmer Monte Peterson explains why he uses genetically modified crops (GMOs) to farm more sustainably and safely.

"Wow" does not even begin to describe my first experience growing genetically modified or biotech crops. It was 1996 and we had planted some of the farm with a biotech insect-resistant corn variety. The genetic modification promised to protect the crop from the European corn borer pest, without the need for pesticides. For me, it was an experiment. Would it live up to the hype? For the first time, I did not have to spray with insecticides to control the corn borer. It was a total eye-opener.

Today, 24 years later, I continue to plant biotech corn, which has a greater range of options such as herbicide-tolerant and drought-resistant varieties than that first variety. When biotech herbicide-tolerant soybean varieties suitable for my district became available in the early 2000s, it was not hard to figure out if I would also adopt this new crop technology.

### Genetically modified crops

Through my experience and that of my fellow farmers across the world who have access to GM crop technology, there is a simple reason why we use it. It works. If it did not, then as with any tool or technology, no farmer big or small would continue to use something that brought no benefit. Because of insect-resistant biotech crops, I use fewer pesti-

cides than 20 years ago, which, in turn, reduces the amount of fieldwork such as having to spray several times a season. I can also produce a safer crop as control over the corn borer means less mold damage, which, in turn, means less aflatoxin contamination.

With herbicide-tolerant soybeans, I can be confident of excellent weed control without the need for deep ploughing by turning the soil to bury weeds. Instead, I use light tillage, allowing me to plant seed directly into the soil which means less field operations preparing seedbeds, and, again, less spraying during the growing season, both of which bring a substantial reduction in diesel fuel, as well as reducing wear and tear on machinery and on my team and me. Furthermore, old crop residue can be left on the ground providing shade during the summer heat, reducing soil runoff during the increasingly heavy rain downpours we now experience as the climate changes. Importantly, old crop residue eventually breaks down, adding more organic matter to my soil to the point that we are building topsoil every year.

There is an old saying that we do not inherit the land from our ancestors but borrow it from our children. I am the fourth generation of my family to farm this land. And so, I will do everything I can to leave the land in as good if not better shape than when I started. As part of this commitment, biotech offers a much more environmental and sustainable production of my soybeans

and corn.

However, it is only one of several technologies which help me produce more from less, such as precision planting and spraying and yield and soil nutrient monitoring. Together with biotech, I am much more efficient in terms of production, cost savings, yield and producing higher quality and safer crops.

### Agricultural biotechnology

I am not a scientist, but I do look to science-based decision making when it comes to technologies such as agricultural biotechnology. No biotech crops are commercialized anywhere without being strictly assessed in terms of safety, quality, and efficacy. Even then, I will carefully check if a biotech crop variety (or any tech tool) is fit to be added to my toolbox in terms of safety and usefulness. In that, I don't think I am different than any other farmer.

Yet, despite a wealth of verified scientific and practical evidence, some people still oppose the use of ag biotechnology. That may be their right, but such opposition also has sown confusion and concerns among consumers. The reality is that many millions of consumers across the world have eaten foods made or derived from biotech crops with no identified health problems.

From time immemorial, farmers have faced volatile weather, weed control, soil erosion, and damaging pests as they strive to produce sufficient food. And from time immemorial, farmers such as myself will continue to seek ways

to farm better through safe tools and technologies. We do so because we live, work and raise our families on the land and environment we call home.

## Kansas cattle inventory up two percent

All cattle and calves in Kansas as of January 1, 2021 totaled 6.50 million head, up 2% from January 1, 2020, according to the USDA's National Agricultural Statistics Service. All cows and heifers that had calved totaled 1.65 million head, up 2% from last year.

Beef cows totaled 1.48 million head, up 2% from last year. Milk cows totaled 173,000 head, up 4% from January 1, 2020. All heifers 500 pounds and over totaled 2.01 million head, up 4% from last year. Steers weighing 500 pounds and over totaled 2.09 million head, up slightly from last year. Bulls weighing 500 pounds and over totaled 90,000 head, up 6% from last year. Calves under 500 pounds totaled 660,000 head, down 4% from January 1, 2020.

All cattle on feed fed for slaughter in Kansas feedlots totaled 2.66 million head, up 3% from the previous year. The 2020 calf crop totaled 1.43 million head, unchanged from 2019.

## Cattlemen's Day program transitions to online

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sentation focused on the pandemic's effect on small Kansas processors. To end the conference, there will be a question-and-answer session.

This year, registration is free. To register go to: //asi.ksu.edu/CattlemensDay. For more information, contact Lois Schreiner at 785-532-1267 or lschrein@ksu.edu.

The 44th Annual Legacy Bull & Female Sale will begin at 4 p.m. March 5. The sale will be online at LiveAuctions.tv. Please note masks and social distancing will be required for in-person attendees. Due to COVID-19 University protocols attendance numbers will be monitored. We invite you to come look at the bulls prior to sale day and view the offering online. Visit //asi.ksu.edu/legacysale to learn more about this year's offering and to request a sale catalog. For more information contact Shane Werk at 785-565-1881.

The 2021 Stockmen's Dinner has been postponed. Please watch the KSU ASI website and Facebook page for date and location announcements as well as registration information. Pat Koons will be honored as the 2021 Stockman of the Year.

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# GRASS & GRAIN Our Daily Bread

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

Annette Reilly, Abilene, Wins This Week's Grass & Grain Recipe Contest And Prize

Winner Annette Reilly, Abilene: "How about a different take on lasagna? A friend shared this easy recipe and I found it to be a perfect option, change, to the usual left-over holiday meals. You might use a medium or hot salsa to increase flavor. Yummy with mild, if one needs to treat themselves with care. Enjoy!"

## MEXICAN LASAGNA

1 pound ground beef, cooked & drained  
16-ounce can refried beans  
2 teaspoons ground cumin  
3/4 teaspoon garlic powder  
2 teaspoons oregano  
12 uncooked lasagna noodles  
2 1/2 cups water  
2 1/2 cups salsa  
2 cups sour cream  
3/4 cup finely sliced green onions  
2.2-ounce can sliced black olives  
1 cup shredded Monterey Jack cheese

In a large bowl combine beef, beans, oregano, cumin and garlic powder. Place 4 (uncooked) noodles in the bottom of a casserole dish and cover with half the mixture. Put down 4 more noodles and the remainder of the mixture. Put down 4 more noodles. Combine water and salsa and pour over noodles. Cover tightly with foil and bake at 350 degrees for 1 1/2 hours. Combine sour cream, onions and olives. Spoon over the casserole. Top with cheese and bake uncovered for 5 more minutes.

\*\*\*\*\*

Kellee George, Shawnee:  
**VALENTINE DESSERT**  
1 fudge brownie mix (9-by-13-inch size)  
2 cups heavy cream, divided  
1 package white chocolate pudding mix  
1 can cherry or raspberry pie filling

Prepare brownie mix as directed on box. Cool completely. Mix 1 cup cream and the pudding together. Stir until thick. Beat the other 1 cup cream until heavy peaks form. Mix pudding mixture and the beaten cream together. Spread gently over brownies. Top with pie filling. Refrigerate for at least 2 hours.

\*\*\*\*\*

Kimberly Edwards, Stillwater, Oklahoma:  
**EASY SNICKERDOODLES**  
3 tablespoons sugar  
1 teaspoon cinnamon  
1 yellow cake mix  
2 eggs  
1/4 cup oil  
1 tablespoon sugar  
1/2 teaspoon cinnamon

Mix together 3 tablespoons sugar and 1 teaspoon cinnamon and set aside. Mix cake mix, eggs, oil, 1 tablespoon sugar and 1/2 teaspoon cinnamon. Shape into 1-inch balls and roll in sugar-cinnamon mixture. Bake at 375 degrees for 8-9 minutes.

\*\*\*\*\*

Linda Falk, Wheaton:  
"This is nice with soups and salads."

## BUTTER DIPS

2 1/2 cups all-purpose flour  
3 1/2 teaspoons baking powder  
1/2 to 1 cup shredded sharp Cheddar cheese  
1 cup milk  
1 tablespoon sugar  
1 1/2 teaspoons salt  
1/3 cup butter, melted

In a large bowl mix flour, sugar, salt, baking powder, cheese; add milk. On a floured surface knead gently 10 times. Roll dough into a 12-by-8-inch rectangle. Cut dough in half lengthwise then into 16 strips. Dip both sides in a 9-by-13-inch pan of melted butter. Place 2 rows in pan. Sprinkle with your choice of toppings. Bake at 450 degrees for 12 to 15 minutes.

**Toppings:**  
Sesame seeds  
Garlic salt  
Onion salt  
Celery salt

**NOTE:** I use Everything Bagel for my toppings and is very good!

\*\*\*\*\*

Jackie Doud, Topeka:  
**ENGLISH WALNUT PIE**  
3 eggs  
1/4 teaspoon salt  
1/3 cup sugar  
1 1/2 cups light corn syrup  
1 teaspoon vanilla  
1 1/2 cups chopped walnuts  
1 unbaked 9-inch pie shell

Combine eggs, salt and sugar in a bowl. Beat well. Add syrup and vanilla and beat thoroughly. Stir in walnuts. Pour into pie shell. Bake in a 400-degree oven for 10 minutes. Reduce heat to 350 degrees and bake 35 minutes or until filling is set. Cool on rack.

\*\*\*\*\*

Millie Conger, Tecumseh:  
**PINEAPPLE OATMEAL BARS**  
1/2 cup brown sugar  
1 1/4 cups quick-cooking oats  
1/2 cup flour  
1/4 teaspoon baking soda  
1/4 teaspoon salt  
1/2 cup butter  
1-pound 4-ounce can crushed pineapple, drained  
1 tablespoon cornstarch  
1/2 cup sugar  
1/2 cup light cream  
1 egg yolk

Combine brown sugar, oats, flour, baking soda and salt. Cut in butter until mixture is crumbly. Press mixture into greased 11-by-7-by-1 1/2-inch baking pan. Combine pineapple, cornstarch, sugar, cream and egg yolk in saucepan. Cook until mixture is thick. Pour over crust. Bake at 375 degrees for 30 minutes or until done. Cool in pan.

\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma:

## GINGERBREAD

2 1/2 cups flour  
1 1/2 teaspoons baking soda  
1 teaspoon ginger  
1 teaspoon cinnamon  
1/2 teaspoon salt  
1/2 cup shortening  
1/2 cup sugar  
1 egg  
1 cup dark molasses  
1/2 cup hot water

Mix flour, baking soda, ginger, cinnamon and salt. Cream shortening and sugar until light and fluffy. Add egg then beat in molasses. Add dry ingredients alternately with water beating well after each addition. Pour batter into greased 9-inch square baking pan. Bake at 350 degrees for 45 minutes or until cake tests done. Cool.

\*\*\*\*\*

Darlene Thomas, Delphos:  
**HAMBURGER CASEROLE**  
1 1/2 to 2 pounds ground beef

1 large onion, diced  
1/2 cup sweet pepper  
10.5-ounce can cream of chicken soup  
10.5-ounce can cream of mushroom soup  
15-ounce can corn, drained  
3 cups cooked noodles (5-ounce package)  
1 cup sour cream  
1 small jar pimiento pepper (optional)

Brown ground beef, onion and sweet pepper; drain. Add cream of chicken soup, cream of mushroom soup, corn, noodles, sour cream and pimientos, if using. Put in a baking dish and bake at 350 degrees or until it bubbles.

\*\*\*\*\*



## Baking With Sugarbuns

By Michele Carlyon  
**A Need To Feed People**  
Crock-Pot Chicken Tacos

I think by now we all know that there are many traits that I got from my mother, but probably the one that is most prevalent and quite honestly the one I am most happy to have is her innate need to take care of people. B they same token, sometimes I forget the importance of self-care, as does she, but if you have found a way into our hearts, there isn't a thing in the world that we wouldn't do for you. Most of the time though, that need to take care of people comes in the form of food and I can assure you I got it good and honest from her, the need to feed people is strong. You don't feel well, let me feed you. You just had a baby, let me feed you. It is your birthday, let me feed you. You are bored, let me feed you. The list goes on and on, all revolving back to my need to feed people.

At the exciting age of thirty-two, with two grown brothers and an obviously grown father, knowing my mother was leaving for Florida for a week, the wheels started to turn. Her not being here wasn't a good excuse to not have Sunday night family dinner, so I set out planning, talked to my mom and my brother Mike to see what they thought would be a good fit. We decided on nachos, but of course I couldn't stop there. We did all the fixings for nachos, plus rice and then I went to town on desserts. I made banana cakes, cinnamon loaves, Rice Krispie treats, pumpkin pie and pop-tarts.

I tend to be the out-cast in my family when it comes to a lot of things. I prefer Chevy to Ford for one; don't even get my dad started on that one. The other big one that he just doesn't get is that I prefer chicken to beef; don't get me wrong, I like both, but I absolutely love chicken. Once we decided on nachos for our menu, I set out to find a recipe for chicken nachos, but not just diced-up chicken, I wanted the delicious pulled chicken that you get at Mexican restaurants. You know the one, the one that is always ten-

der, always flavorful, and always leaves you stuffed because you ate entirely way too much.

I could spend literal hours looking for recipes before settling on one, but I finally found one that piqued my interest. I decided to give it a whirl and went grocery shopping for missing ingredients. I opted to go without the cilantro (picky family), but within the first couple of hours of having this going in the crock-pot, I had no doubt this was going to be a winning recipe, and let me tell you, I wasn't wrong, it was delicious! Good enough that my brother skipped the beef and went for the chicken; Dad, on the other hand, he's not changing or trying anything new, but hey, that's why we like him. At the end of the day, Sunday night family dinner was still had, my soul was happy, and my people were fed.

## Chicken Tacos

1 package chicken (roughly 4-5 boneless breasts)  
3 tablespoons taco seasoning  
3/4 cup diced yellow onion  
14.5-ounce can diced fire-roasted tomatoes  
4.5-ounce can diced green chiles (undrained)  
1/2 cup fresh cilantro (optional)  
Tortillas  
Toppings

Place chicken breasts in the crock-pot. Pour everything on top of them. Cover and cook on low for 6-8 hours. Stir occasionally throughout the day. Remove the lid and shred the chicken; re-add to the crock-pot, and stir back in. Serve when ready.

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field for six years before deciding to switch careers and now works as an office manager for a company that manufactures oilfield products. 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](mailto:mcarlyon88@gmail.com)

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**from Popcorn.org**  
Tickle them pink with a quick and easy Valentine's Day treat.

**Quick Adult Treat #1:** Melt white chocolate, add a little food coloring (if desired), mix with popcorn and spread out to cool. Drizzle with more melted chocolate and add candies or sprinkles (if desired).



**Quick Kids Treat #2:** Mix pastel mini marshmallows with caramel corn. Fun and done!



**Quick Kids Treat #3:** Lightly spray a bowl of popcorn with cooking spray (or melted butter if preferred); sprinkle with fruit flavored gelatin and place in a 350-degree oven for 5 minutes.



**Rethink Acts Of Kindness**  
By Nancy Nelson, Meadowlark Extension District, Family Life  
Giving food to others is a way of expressing love and kindness, and food plays a key role in many celebrations.

Because of cost and convenience, the food shared with neighbors, friends, co-workers, and during celebrations is often a grain dessert such as cakes, cookies, donuts or candy. If it is sweet, or sweet and high-fat, the treat seems special. The problem is that most people get plenty of sweet or high-fat treats, known as "empty calorie" foods, on a regular basis.

To change this trend, learn to view food treats in a different way. Here are a few ideas to rethink acts of kindness:

1. Make it healthful. Fresh fruit really is a treat. When baking, use whole-grain ingredients, and reduce the fat and sugar whenever possible.
2. Offer smaller portions. Cut brownies into half the size you usually do. Offer a brownie bite with fruit.
3. Take a vote. Decide as a group how often empty calorie treats can be shared.
4. Freeze leftover candy and goodies. This can help you avoid overdoing it with empty calorie foods. Use a chocolate candy later by adding small chunks to homemade granola bars or oatmeal cookies.
5. Stuff it for later. Use leftover Valentine and Easter candy to fill a piñata and crack it open during the next holiday or for your child's birthday.
6. Choose beverages carefully. The top single category of empty calories in the diet is sugar-sweetened beverages such as soda, fruit drinks, energy drinks, and sports drinks.

For a slightly more challenging recipe, try one of these recipes.



### COCONUT-GINGER POPCORN TRUFFLES

5 cups air-popped popcorn  
2 cups miniature marshmallows  
1 tablespoon coconut oil or butter  
3 tablespoons candied ginger, minced  
1/2 cup shredded coconut  
4 ounces semisweet chocolate  
1 teaspoon coconut oil or butter

Place popcorn in large bowl. Place marshmallows and coconut oil or butter in medium saucepan over medium-low heat. Stir until melted; remove from heat. Stir in shredded coconut and candied ginger. Mix well. Pour over popcorn and mix again. Spray hands with nonstick cooking spray, then scoop up one tablespoon of popcorn mixture. Roll mixture with hands to form a ball. Place ball on baking sheet lined with parchment paper or foil. Repeat to make 36 balls. Place chocolate in small, microwave-safe bowl. Heat in microwave on HIGH for one minute, until melted. If not completely melted, microwave for another 15 seconds and stir again. Stir 1 teaspoon coconut oil into melted chocolate. Place chocolate in zipper-style plastic bag

and seal. Snip off a tiny corner of bag. Pipe chocolate on popcorn balls in a decorative pattern. Garnish with extra shredded coconut and extra minced candied ginger if desired. Place truffles in a cool place until chocolate is set. Yields: 3 dozen truffles.

\*\*\*

### POPCORN & PEANUT TRUFFLES



6 cups popped popcorn  
1 cup roasted & salted peanuts  
12-ounce package semisweet chocolate chips  
1/2 cup honey  
Stir popcorn and peanuts together in a large bowl; set aside. In microwave-safe bowl, heat chocolate chips 10 seconds. Stir chips and repeat, stirring after each 10 seconds, until chips are melted. Warm honey in microwave 10 seconds and stir into chocolate until well blended. Pour chocolate mixture over popcorn mixture and stir until popcorn is evenly coated. Using a small ice cream scoop, push popcorn mixture into scoop and release onto waxed paper to form "truffles." Refrigerate until firm. Store truffles in an air-tight container up to 5 days. Yield: about 30 pieces.



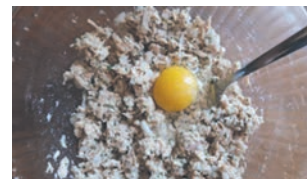
### Snappy Ground Chicken Burgers

**By Ashleigh Krispense**  
These chicken burgers are moist, flavorful, and a snap to throw together! If your chicken is already cooked and waiting in the fridge, you can have them ready to go in less than 30 minutes. For somewhat of a healthier alternative to a regular burger on bun, wrap them in lettuce. These would work great for meals to the field in a few months!

3 cups chicken, cooked & diced  
1/2 cup onion  
1 teaspoon parsley  
1/2 teaspoon garlic powder  
1/2-3/4 teaspoon salt  
1/2-3/4 teaspoon pepper  
1/4-1/3 cup dry bread crumbs  
1 egg  
(Note: All of these amounts can be adjusted to suit you. Feel free

to remove all extra spices or add more.)

Once the chicken and onion are chopped up finely, combine together all of the ingredients except the egg. Mix well.



Add the egg and mix again.



Use your hands to make four or five patties and place in a cast iron skillet. Cook on each side until well browned (4 to 5 minutes depending on your stove).

Serve with your favorite burger sauce, cheese, lettuce or buns. For a meal to the field, simply wrap the burgers in aluminum foil, add some fresh fruit and chips, and away you go!



Ashleigh is a freelance writer and the gal behind the website, *Prairiegal Cookin'* ([www.prairiegal-cookin.com](http://www.prairiegal-cookin.com)), where she shares step-by-step recipes and stories from the farm in Kansas.

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# Researchers agree starting clean is key to higher yields

As the calendar turned the page to 2021, Syngenta turned to its panel of a dozen university agricultural experts for insights on how to both prepare for a high-yield growing season and implement weed management practices that will pay dividends for years to come.

Researchers emphasize that early-season weed management is the key. "The biggest point that has been reinforced through our research is the value of early-season weed control," said Charlie Cahoon, Ph.D., Extension weed specialist at NC State University. "We have seen a 13- to 33-bushel yield advantage in corn when we

start the season clean with a pre-emergent followed by a timely post-emergent herbicide, compared to a post-emergent-only system."

"Weeds are going to compete with the crop, whether it's corn or soybeans," added Mark Van Gessel, Ph.D., Extension weed specialist at the University of Delaware. "They are taking up nutrients and moisture and intercepting light that the crop requires for photosynthesis. Responding to that weed competition, crops will alter their growth habits, and that can affect yield."

Syngenta herbicide experts consulted with

these leading university researchers to underscore the tough reality that weed management is an ongoing challenge with implications far beyond the upcoming growing season.

"It's more about weed management than weed control," said Mark Kitt, herbicide technical product lead for Syngenta. "There are long-term implications of effective management: not adding to the soil seed bank and ensuring that even after harvest you are managing weeds so you have a clean field and are preserving the land for future generations. To achieve this, the first step is applying a very strong residual product, whether for corn or soybeans, to start clean."

Crop rotation is also a factor in the weed management equation. "If you grow a clean crop, whatever you're rotating to is going to be much appreciative that you didn't rotate weeds into it," noted Wayne Keeling, Ph.D., professor in the Department of Soil and Crop Sciences at the Texas A&M Agrilife Research Center at

Lubbock. "So that's all the more reason to do the best job you can in each crop so that you're not making it more difficult for the rotational crop."

To achieve the highest yield potential, Syngenta offers a robust portfolio of weed management solutions for both corn and soybeans.

"Acuron® corn herbicide is formulated for the concerns expressed by our researcher panel," said Steve Gomme, herbicide product marketing lead for Syngenta. "It helps growers by delivering four active ingredients, including Syngenta-exclusive bicyclopyrone, and three effective sites of action. When used preemergence at full labeled rates, it helps farmers achieve 5 to 15 more bushels an acre versus any other corn herbicide.\* Additionally, its long-lasting residual with built-in resistance management minimizes the weed seed bank for the next year's crop."

The value of pre-emergent herbicides cannot be overstated, noted Erin Burns, Ph.D., assistant

professor and extension weed scientist at Michigan State University. "Everyone knows you have to use pre-emergent herbicides," she said. "They need to be applied and activated in a timely manner. That's really the best way to make sure you get a clean crop and a good yield."

For soybeans, the Syngenta portfolio provides a range of products that can be used across all traits that are available for planting in 2021.

"Farmers need herbicides that will be successful against spreading resistance," said Pete Eure, herbicide technical lead for Syngenta. "Our robust portfolio of soybean herbicides enables growers to customize the application mix for their specific field conditions and trait platform."

For pre-emergence management, Boundary® 6.5 EC, BroadAxe® XC and Prefix® herbicides feature multiple effective sites of action and long-lasting residual. Prefix also offers the flexibility for application before or after planting. To overlap residuals

with a post-emergence application, Sequence® and Tavium® Plus VaporGrip® Technology herbicides provide effective knock-down and residual control of the toughest weeds, including pigweeds, giant ragweed and waterhemp. Tavium, the market's first and only dicamba herbicide premix, recently received a registration extension by the EPA for use on dicamba-tolerant soybeans in 2021 and beyond.

"The worst thing you can do is get complacent," cautioned Bill Johnson, Ph.D., professor of weed science at Purdue University. "Staying on top of weed control and herbicide resistance is all about making those subtle changes before you have to make drastic changes."

For more information on finding the right herbicide to start your season clean, visit ResistanceFighter.com. To calculate how much more revenue potential you can find with Acuron, visit the Revenue Calculator. Join the conversation online - connect with Syngenta at Syngenta-us.com/social.

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## Riley County Extension Coffee Shop Agronomy meeting planned for Feb. 11

Best Management Practices for Row Crops will be the topic at the next Coffee

Shop Agronomy meeting, scheduled for 11:00 a.m. on Thursday, February

11, and hosted virtually by the Riley County Extension Service. Ignacio Ciampitti, K-State Research and Extension Cropping Systems Specialist, will be the featured speaker. The 2021 Coffee Shop Agronomy series is being hosted virtually on Zoom. Producers attend from their home computer, using a link sent to each registrant. Registration is required and the Zoom link will only be sent to registered participants. Register online at [www.riley.ksu.edu](http://www.riley.ksu.edu) by noon the day before the meeting. For more information contact Greg McClure, Riley County Extension Agriculture Agent, by email at [gmcclure@ksu.edu](mailto:gmcclure@ksu.edu) or by phone at 785-537-6350.



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# 2020 Kansas Corn Yield contest winners announced

The Kansas farmers who entered the Kansas Corn Yield Contest overcame adversity and used their management skills to produce high yields in 2020. Kansas farmers from across the state entered many excellent yields in the 2020 Kansas Corn Yield Contest. For the second consecutive year, Tyler Hands with Triangle H Farms based in Finney County, entered the top irrigated yield in the contest at 307 bushels per acre with Pioneer P1828AM on one of the farm's fields located in Haskell County. Northeast Kansas farmer Victor Menold, Brown County, entered the top dryland yield at 301.59 bushels per acre with Becks 6414V2P.

"In the third year of this contest we continue to see very impressive yields across the state due to exceptional input technology and management in production by our producers." Kansas Corn vice president of Market Development and Policy Josh Roe said. "We have enjoyed the partnership with K-State Research and Extension on this contest and appreciate the world class knowledge Dr. Ignacio Ciampitti brings to the table."

The contest is free to all Kansas Corn Growers Association (KCGA) members. For the last three years, KCGA has awarded a dryland and irrigated winner in each of the ten districts across the state.

## Agronomy and Horticulture Seminar Series ongoing, sessions recorded

The spring Agronomy and Horticulture Seminar Series began Jan. 29 with "Management of Herbicide-resistant Palmer Amaranth in Minor and Specialty Crops Within the High Plains," presented by University of Nebraska-Lincoln's Nevin Lawrence.

Lawrence, assistant professor and Weed Management Specialist presented on herbicide-resistant Palmer amaranth's recent arrival to the Panhandle of Nebraska and surrounding regions and how many of the crops grown within the region have limited herbicide options. Lawrence also reviewed the previous five years of research and Extension efforts he has undertaken to better understand Palmer amaranth, and to provide stakeholders with options to manage a difficult but increasingly common weed species.

This seminar was streamed and recorded. The series will continue every Friday. Dates and topics are listed below. Spring seminars will be presented via Zoom beginning at 3:30 p.m. CST/CDT. Join at: <https://go.unl.edu/agrohortseminar>

Feb. 5: "Oil Palm Production and Conservation of Natural Resources: Can We Get It All?" Patricio Grassini, associate professor and cropping system specialist, Department of Agronomy and Horticulture, University of Nebraska-Lincoln.

Feb. 12: "Soil Health - How Management is Affecting the Pulse of Soil," Alan Franzluebbers, USDA-ARS, Raleigh, North Carolina.

Feb. 19: "Coexisting with Fire in Rangelands," Victoria M. Donovan, postdoctoral research associate, Department of Agronomy and Horticulture, University of Nebraska-Lincoln.

Feb. 19: "People, Fire and Global Biome Divergence in the 21st Century," Rheinhardt Scholtz, affiliate in the Department of Agronomy and Horticulture, University of Nebraska-Lincoln.

Feb. 26: "Aerial Application in the United States: Best Practices and Future Directions," Bradley Fritz, Agricultural Engineer and Research Leader, Aerial Application Technology Research Unit, USDA-ARS, College Station, Texas.

Note: This presentation video will not be posted to the website.

March 5: "Teaching Landscape Systems," Dan Uden, assistant professor, School of Natural Resources, Department of Agronomy and Horticulture, Center for Resilience in Agricultural Working Landscapes, University of Nebraska-Lincoln.

March 12: "The Summing Up: One Person's Life with Small Grains," P. Stephen Baenziger, professor,

Along with awards to dryland and irrigated winners in each district, statewide dryland and statewide irrigated winners also awarded. District winners receive \$300 and a plaque. Second place entries receive a \$200 prize and third place receive a \$100 prize. The highest yield dryland and irrigated entries statewide will receive an additional \$500 prize. The winners of the 2020 Kansas Corn Yield Contest were recognized during the 2021 Kansas Corn Symposium on Jan. 28.

The Kansas Corn Yield contest was created to recognize high-yielding corn farmers across the state and increase efficiency for greater sustainability and profitability. Sharing the data collected among Kansas farmers benchmarks the corn yields and provides information for improving management practices.

Below is the list of the 2020 yield contest winners along with the county where the winning field is located.

### OVERALL STATE DRYLAND AND IRRIGATED WINNERS

Irrigated: Tyler Hands, Haskell County; Yield: 307 bu./acre; Hybrid: Pioneer P1828AM

Dryland: Victor Menold, Brown County; Yield: 301.59 bu./acre; Hybrid: Becks 6414V2P

### NORTHWEST DISTRICT 1 Dryland Category

1st Place: Harold

Koster, Sheridan County; Yield: 178.78 bu./acre; Pioneer P0339AM

### Irrigated Category

1st Place: Harold

Koster, Sheridan County; Yield: 275.68 bu./acre; Pioneer P1366AML

### WEST CENTRAL 1 DISTRICT 2 Dryland Category

1st Place: Garrett

Baker, Logan County; Yield: 214.07 bu./acre; Golden Harvest G13E90-3111

2nd Place: Tanner

McNinch, Ness County; Yield: 194.52 bu./acre; Pioneer P0805AM

3rd Place: Marc

Ramsey, Lane County; Yield: 152.05 bu./acre; Dekalb 55-54

### SOUTHWEST DISTRICT 3 Irrigated Category

1st Place: Tyler Hands,

Haskell County; Yield: 307 bu./acre; Hybrid: Pioneer P1828AM

2nd Place: Jayce

Stabel, Kearny County; Yield: 271.89 bu./acre; Hybrid: Pioneer P1572AM

3rd Place: Tyler Hands,

Finney County; Yield: 269.16 bu./acre; Hybrid: Pioneer P1828Q

### NORTH CENTRAL DISTRICT 4 Dryland Category

1st Place: Ronald

Ohlde, Clay County; Yield: 268.60 bu./acre; Hybrid: Ohlde Seeds 20-13

2nd Place: Rod

Stewart, Washington County; Yield: 235.23 bu./acre; Hybrid: Pioneer P1089AM

3rd Place: Ryan

Stewart, Washington County;

Yield: 234.54 bu./acre; Hybrid: Pioneer P1089AM

### CENTRAL DISTRICT 5 Dryland Category

1st Place: Steve Lang,

Dickinson County; Yield: 186 bu./acre; Hybrid: Pioneer P1464AML

2nd Place: Neal

Barten, Dickinson County; Yield: 186 bu./acre; Hybrid: Pioneer P1464AML

3rd Place: Justin

Knopf, Saline County; Yield: 182.75 bu./acre; Hybrid: Pioneer P1244AM

### Irrigated Category

1st Place: John

Bergkamp, McPherson County; Yield: 280.37 bu./acre; Hybrid: AgriGold 6544

### SOUTH CENTRAL DISTRICT 6 Dryland Category

1st Place: Bruce

Seiler, Harvey County; Yield: 206.78 bu./acre; Hybrid: Dekalb 6569

2nd Place: Aaron

Pauly, Sedgwick County; Yield: 194.58 bu./acre; Hybrid: Pioneer 2089AM

### Irrigated Category

1st Place: Tony

Spexarth, Sedgwick County; Yield: 279.29 bu./acre; Hybrid: AgriGold A6544VT2

2nd Place: Jared

Oatney, Reno County; Yield: 263.47 bu./acre; Hybrid: Pioneer P2089

### NORTHEAST DISTRICT 7 Dryland Category

1st Place: Victor

Menold, Brown County; Yield: 301.59 bu./acre; Hybrid: Becks 6414V2P

2nd Place: Mike

Eibberger, Jackson County; Yield: 271.85 bu./acre; Hybrid: Pioneer P1828AM

3rd Place: Gary

Kram-

Guretzky, associate professor and grassland systems ecologist, Department of Agronomy and Horticulture, University of Nebraska-Lincoln.

April 9: Ruth Wagner, Head of Data Science & Analytics at Bayer Crop Science, St. Louis, Missouri.

Note: This presentation video will not be posted to the website.

April 16: "Management of Herbicide-Resistant Weeds: Challenges and Opportunities," Rodrigo Werle, assistant professor and Extension cropping systems weed scientist, Department of Agronomy, University of Wisconsin-Madison.

April 23: "Increasing Pasture Productivity and Quality to Support Grazing Livestock," John A.

Guretzky, associate professor and grassland systems ecologist, Department of Agronomy and Horticulture, University of Nebraska-Lincoln.

April 30: "Expanding the Breeding Toolbox to Develop Soybean Cultivars," Asheesh Singh, professor, Department of Agronomy, Bayer Chair in Soybean Breeding, Associate Chair for Discovery and Engagement, Director of Graduate Education (Plant Breeding), R.F. Baker Center for Plant Breeding, Plant Sciences Institute, Iowa State University, Ames.

er, Nemaha County; Yield: 262.78 bu./acre; Hybrid: Pioneer P1563AM

### Irrigated Category

1st Place: Craig

Gigstad, Jefferson County; Yield: 279.15 bu./acre; Hybrid: Dekalb 70-27

2nd Place: Dayton

Menold, Brown County; Yield: 273.14 bu./acre; Hybrid: Pioneer P1572AM

3rd Place: Alex

Noll, Jefferson County; Yield: 268.80 bu./acre; Hybrid: Dekalb 70-26

### EAST CENTRAL DISTRICT 8 Dryland Category

1st Place: Ryan

Stainbrook, Linn County; Yield: 255.36 bu./acre; Hybrid: Lewis Hybrids 16DP887

2nd Place: Michael

Sudbeck, Douglas County; Yield: 243.81 bu./acre; Hybrid: AgriGold A6572VT2RIB

3rd Place: J.D.

Hanna, Shawnee County; Yield: 239.79 bu./acre; Hybrid: Brevant B14Z97AML

### SOUTHEAST DISTRICT 9 Dryland Category

1st Place: Kevin

Karman, Woodson County; Yield: 140.91 bu./acre; Hybrid: Brevant B12G75PW

### Irrigated Category

1st Place: Michael

Kleinbeck, Wilson County; Yield: 235.26 bu./acre; Hybrid: Integra 6995

2nd Place: Mike

Timmons, Wilson County; Yield: 227.03 bu./acre; Hybrid: Beck's Hybrid 6774V2P

### NORTH-NORTHEAST DISTRICT 10 Dryland Category

1st Place: Jason

Taylor, Doniphan County; Yield: 293.32 bu./acre; Hybrid: Taylor 8824VT2PRO

2nd Place: Brad

Taylor, Doniphan County; Yield: 290.66 bu./acre; Hybrid: Taylor 8013VT2PRO

3rd Place: Brad

Taylor, Doniphan County; Yield: 285.97 bu./acre; Hybrid: Taylor 8013VT2PRO

### Irrigated Category

1st Place: Traci

Noll, Doniphan County; Yield: 278.68 bu./acre; Hybrid: Dekalb 70-26

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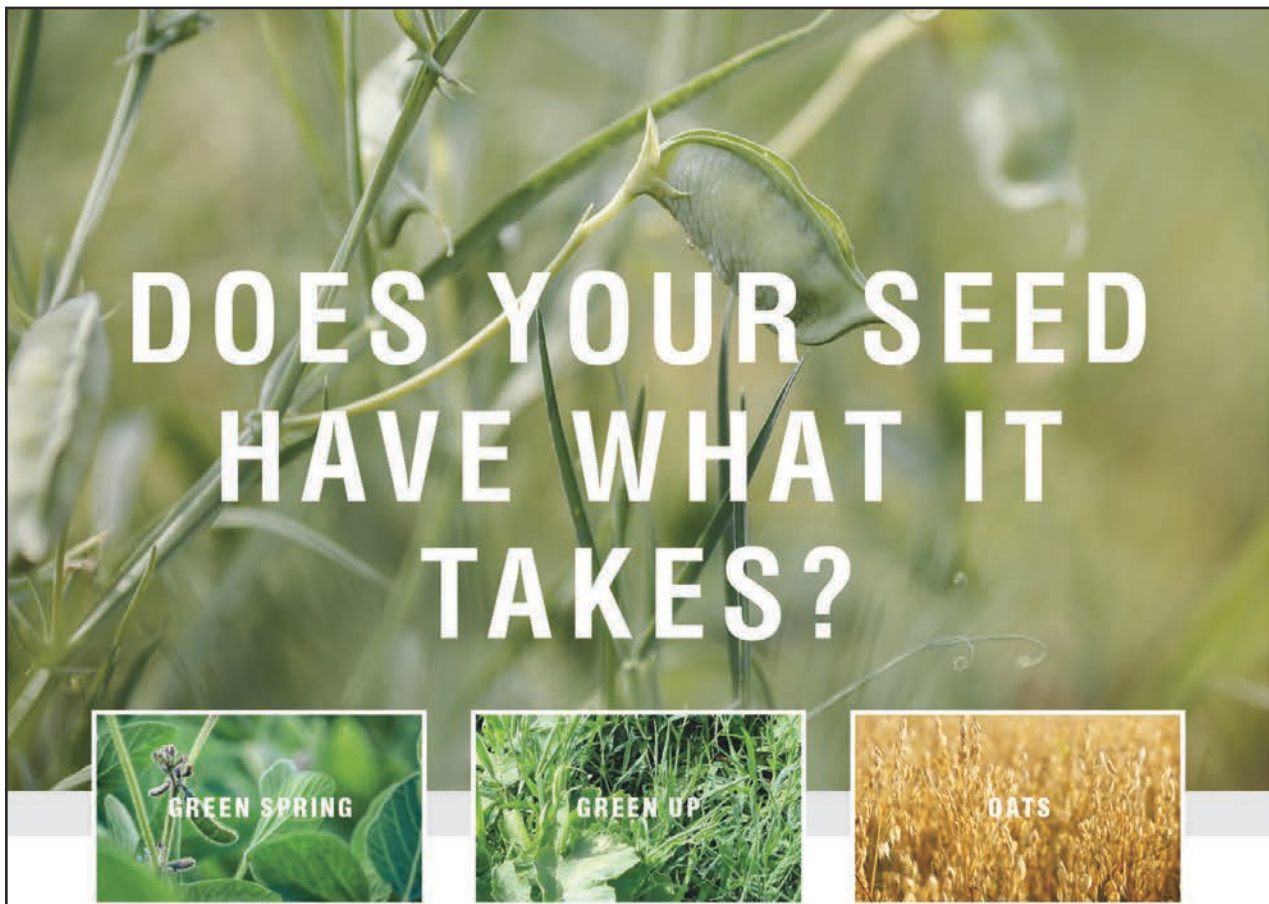
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## Consider Corn Challenge III contest looks to establish novel biomaterials, products, and technologies utilizing corn

The National Corn Growers Association (NCGA) is launching the Consider Corn Challenge III open-innovation contest, looking for participants to answer the call and submit proposals for new uses of field corn as a feedstock for producing sustainable chemicals and products with quantifiable market demand.

“Corn is an affordable, abundant, sustainably grown crop that has a myriad of uses and applications, which is why we are holding our third Consider Corn Challenge contest,” said NCGA Market Development Action Team (MDAT) Chair and Iowa farmer Bob Hemesath. “Corn’s cost as a feedstock has benefited greatly by improvements in technology, production and logistics efficiency. With society’s interest in more biobased products, we know we have the solution and that’s corn.”

Previous winners of the Consider Corn Challenge contests have scaled up to the next phase of development, received additional grant funding, entered into joint agreements, and obtained registration for state biobased production incentives.

“As a past recipient of the Consider Corn Challenge award from the NCGA, we have been able to deepen our technology base regarding the differential properties of our novel materials,” said Derek Wells with ExoPolymer. “Due to these

efforts, we are currently investigating several targeted market applications and feasibility studies at scale. The CCC award also helped to put a spotlight on our innovative approach, enabling us to raise additional funding and continue our progress. We are grateful for the recognition by the NCGA and are looking forward to further applying our technology for additional valuable uses of this important agricultural product.”

If all nine winners of the Consider Corn Challenge I & II reached full commercialization with products available in the marketplace, the potential for additional corn demand could be approximately 2.9 billion bushels.

“Corn farmers continue to take advantage of the technology that allows them to grow a bigger crop on less land with less resources per bushel, and that means there’s enough carryout available to meet the needs for food, feed, fuel and new uses,” Hemesath added. “This contest is a way to help us think outside of the box and meet the needs of our customers, who are asking for sustainable, biobased products.”

One to six winners will be selected with a total prize pool of U.S. \$150,000, split equally between winners. The submission deadline is June 3, 2021, and winners will be announced in September 2021.

Learn more at [NCGA.com/newuses](http://NCGA.com/newuses).



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# Clutter agriculture scholarship applications due March 12

High school seniors pursuing careers in agriculture are encouraged to apply for the 2021 Herb Clutter Memorial Scholarship. The Herb Clutter Memorial Scholarship was established in 2009 to honor Herb Clutter's influential role in organizing leadership groups on behalf of Kansas wheat producers and is administered by the Kansas Association of Wheat Growers (KAWG).

Thanks to the generosity of the Herb Clutter family, the scholarship was increased to \$1,000, beginning in the 2020 academic year.

"With support of the family, we were able to double the amount of the scholarship in honor of Herb Clutter and what he has done for the wheat

industry," said Justin Gilpin, CEO of Kansas Wheat. "This scholarship helps to identify and support new and upcoming future leaders in agriculture."

The scholarship fund will award one \$1,000 scholarship per year, to a college or university-bound incoming freshman from Kansas, pursuing a career in the field of agriculture. To be eligible for the scholarship, applicants must plan to be a full-time student at any two or four year, Kansas college or university. Recipients will be selected based on academic achievement, leadership qualities and career objectives focused around the field of agriculture. Recipients will receive the scholarship to be applied toward tuition

for the student's college or university education. The scholarship is non-renewable.

"KAWG is proud to support the young men and women who are the future of the wheat industry," said Gilpin. "We're looking for students who are passionate about agriculture and not only excel in the classroom, but also in their communities and extra-curricular activities."

The Herb Clutter Memorial Scholarship was established through a fund in memory of Herbert W. Clutter, a farmer from Holcomb and the first president of the National Association of Wheat Growers, which was established in 1948. Clutter encouraged Kansas wheat farmers to organize as a strong, uni-

fied voice, which led to the formation of the Kansas Association of Wheat Growers in 1952. He encouraged research in education and industrial uses of wheat, improved variety development and methods to produce the best product at the lowest cost. Clutter's efforts led to the formation of the Kansas Wheat Commission by the Kansas legislature, in 1957.

Applicants of the Herb Clutter Memorial Scholarship must complete the scholarship application, which includes a 400-500 word essay discussing why they have chosen to pursue a career in agriculture. The selection committee will use this essay along with the student's application in determining the scholarship winner. The scholarship application and attached documents are available at [ks wheat.com/clutter](http://ks wheat.com/clutter) and must be

submitted to the Kansas Association of Wheat Growers at 1990 Kimball Ave, Manhattan, KS 66502, by March 12, 2021.

More information about the Herb Clutter Memorial Scholarship is available by contacting Taylor Williamson at 785-539-0255 or email [twilliamson@ks wheat.com](mailto:twilliamson@ks wheat.com).

rial Scholarship is available by contacting Taylor Williamson at 785-539-0255 or email [twilliamson@ks wheat.com](mailto:twilliamson@ks wheat.com).

## ASA/WISHH and Kansas State University partner on Cambodian Fish Feed and Finance Field Day

ASA/WISHH, Kansas State University (KSU) and other partners recently convened a unique field day that resulted in Cambodian fish farmers and other aquaculture industry representatives going home with new ideas for fish feed and feeding practices, as well as financing options.

KSU and Cambodia's Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN) hosted the Jan. 12 field day that also played a key role in connecting fish farmers to buyers and others in Cambodia's aquaculture supply chain.

Commercialization of Aquaculture for Sustainability Trade (CAST) - Cambodia (CAST) is ASA/WISHH's U.S. Department of Agriculture-funded Food for Progress project that benefits from KSU's expertise and KSU's work with CE SAIN, at the Royal University of Agriculture (RUA). KSU also leads a U.S. Agency for International Development (USAID) Feed the Future Innovation Lab on Collaborative Research on Sustainable Intensification

(SIIL).

"The partnership between ASA/WISHH and Kansas State University's SIIL will work to increase the productivity of aquaculture farms in six provinces around the country, by providing training for the improved quality and accessibility of inputs and better market linkages and promoting policies that will enable an environment that better supports aquaculture farmers," said Vara Prasad, University Distinguished Professor and Director of SIIL.

"This is also a great opportunity to continue to build capacity within RUA and strengthen our partnership and collaborations with Kansas State University and other U.S. institutions," said CE SAIN's Director Lyda Hok.

KSU collaborates with Cambodian researchers, policymakers, donors and aquaculture industry representatives who participate in CE SAIN's initiatives. CE SAIN and CAST's technical team conducted the farmer field day at the Serey Sophorn High School, which is home to CE SAIN's Agriculture Technology Park in Kam-

pong Thom province. With USAID support, KSU established the Agriculture Technology Park inside Serey Sophorn High School, which creates a natural training site for current and future fish farmers.

The 35 field day attendees ranged from fish producers and feed suppliers to fish buyers and distributors to students at the high school. Importantly, the event introduced Chamroeun Microfinance to participants. CAST partner World Vision and Chamroeun Microfinance have launched the first financial services program specifically designed for Cambodian aquaculture. The main objective of the partnership between World Vision/CAST and Chamroeun Microfinance is to make convenient financial services available to CAST project beneficiaries. They offer new opportunities for fish farmers, processors, wholesalers, retailers, and other aquaculture enterprises to grow the Kingdom of Cambodia's aquaculture sector, which is

• Cont. on page 10

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## WE'RE HERE TO BRING NEW. AND WHILE WE'RE AT IT, WE DECIDED TO BRING SOME HEARTY CONGRATULATIONS.

**BREVANT™ seeds**

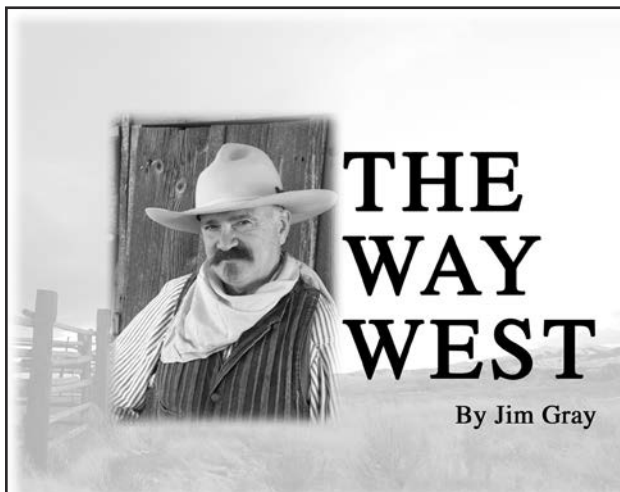
### CONGRATULATIONS ON YOUR SUCCESS IN THE 2020 KANSAS CORN YIELD CONTEST.

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# THE WAY WEST

By Jim Gray

## A Bridge Too Far

In early January, 1867, Jack McDowell of Kansas City stepped into the W. K. Pollard Livery at Council Grove in need of transportation to Junction City. Pollard had been in Council Grove since 1857. He had seen hundreds of travelers passing along the trail, most of them in a rush to move on. McDowell had spent his time in town mostly bul-

lying and blustering over his need to get to Junction City. He was traveling with a woman of questionable character and had decided it was time to leave town. When McDowell could not obtain transportation by other means he hired a team of horses and a buggy from liveryman W. K. Pollard. McDowell surely looked risky, but then anyone on the trail in those days was capable of a dubious past. Doing business on the frontier carried its risks.

Claiming he would return in four days, Pollard leased a buggy and team of horses to McDowell. Four days passed without a sign of McDowell. Five days, six days; Pollard waited as

long as he dared. The seventh day, January 15, 1867, Pollard traveled to Junction City only to discover that McDowell had set out for Omaha, Nebraska. Powell telegraphed a wire to the Omaha City Marshal who quickly discovered that McDowell had sold the team. McDowell was arrested before he could leave Omaha. According to the *Omaha Herald* when McDowell was arrested the marshal seized two hundred twenty-two dollars and fifty cents, believed to be part of the proceeds from the sale.

F. G. Hunt, Esq., a correspondent quoted in many Kansas newspapers, related that Pollard "procured a requisition" from the governor of Kansas and traveled to Omaha to get his man. McDowell was surrendered to Pollard, who brought him back to Council Grove. The pair arrived on February 1st. On the way McDowell told Pollard that he did not want to travel by way of Lawrence. He claimed that he had been in Quantrell's raid and feared being recognized.

At Council Grove Justice Stevenson immediately interviewed the prisoner and bound him over under an eighteen-hundred-dollar bond. He was secured in a log house with four guards to keep him in place.

Being a man of the frontier McDowell expressed his indignation at his incarceration in a most crude and insulting manner. While under guard he boasted that during the war he had killed one hundred fifty Union men. Some he claimed that he had hung "just to see them kick," and others he shot, "just to see them

jump." He had "marked" the men who assisted in his prosecution as well as the guards who were holding him against his will. McDowell swore that if it took "ninety-nine years" he would return to Council Grove and with a rope tied to his saddle horn and looped around their necks he would drag his persecutors through the streets. He would have his revenge!

Writing to the *Leavenworth Daily Bulletin* a witness signed as "CITIZEN," noted that "These boasts... had the effect of impressing somebody that he was a useless encumbrance to the earth." At about midnight, Saturday, February 2nd, an estimated ten to fifteen masked men burst into the house with revolvers cocked. Having been taken by surprise the guards relinquished the prisoner who was taken to the bridge over the Neosho River. McDowell's last words were not recorded before the last breath of life was extinguished with a hangman's rope. The next morning, February 3, 1867, a coroner's jury was summoned to investigate the lynching. Not surprisingly, "the names of those who performed the summary execution (could not) be learned."

After the hanging a letter from an unknown

Kansas City acquaintance was published in several papers refuting some of the claims about the desperado. He had in fact joined the rebels riding as a bushwhacker. When he was captured by federal troops he revealed the location of Cole Younger's camp to gain his own release. Nine of Younger's men were killed. "Since that time McDowell kept pretty clear of the rebels." He had a miserable reputation at Kansas City as a horse thief and a suspected murderer, but he evidently told of the raid on Lawrence and other exaggerated exploits to intimidate his captors.

In the end McDowell overplayed his hand. As F. G. Hunt suggested, "doubtless, had the prisoner behaved himself in a decent manner he might have escaped his terrible fate." But for such men decency was "a bridge too far," that defied understanding. Unfortunately for Jack McDowell that bridge ultimately led him to the end of his rope on The Way West.

"The Cowboy," Jim Gray is author of the book *Desperate Seed: Ellsworth Kansas on the Violent Frontier, Ellsworth, KS. Contact Kansas Cowboy, 220 21st RD Geneseo, KS. Phone 785-531-2058 or kansascowboy@kans.com.*

## KANSAS LAND AUCTION

### GREENWOOD COUNTY

# Pasture & Hunting Land

## 1,432± ACRES

OFFERED IN 3 TRACTS & COMBINATIONS

### FEBRUARY 25TH, 10:00AM CT

EL DORADO CIVIC CENTER  
201 E. CENTRAL  
EL DORADO, KS 67042

- 50 miles east of Wichita, KS
- Trophy white tail deer, turkey, prairie chicken & quail hunting!
- Live creek and numerous spring fed ponds makes this property a hunter's paradise.
- Abundant grass in a prime location.

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800.829.8747  
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## Lane County, Kansas

# Internet-Only

# 782 Acres

# AG LAND AUCTION

## 782A +/- Lane County Land Offered in 3 Tracts

### Monday, February 15, 2021 ~ 2PM

### 165 N. Ike Road, Dighton, KS 67839

Location - 3m West, 1.5m North of Dighton, KS

**Marvin and Wanda Pinkston Estate - Seller**

Full Terms & Photos Available at  
**ucgreatplains.com/auctions**

Lance Fullerton, CAI  
Auctioneer / Broker  
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5% Buyer's Premium

United Country Real Estate  
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Dream Dirt

## ASAWISHH and Kansas State University partner on Cambodian Fish Feed and Finance Field Day

• Cont. from page 9

important to the economy, as well as nutrition and health. In addition to receiving training on feed and feeding, participants heard and saw how pelleted feeds make fish grow faster. Attendees toured CE SAIN's Agriculture Technology Park and learned to take samples of fish. Fish sampling is important for the farmers to monitor how many fish are in their ponds so they can manage them profitably. They also participated in discussions about good business and management practices. Fish farmers spoke with buyers about the value of locally raised fish, which allowed for a discussion about the quality that is needed for the market.

Another attendee was a woman who owns a fish-buying enterprise that already purchases from the CE SAIN ponds. She regularly participates in CAST activities and has also reinforced the importance of local fish farmers supplying quality fish.

The high school students not only learned about aquaculture for themselves, but also gained important knowledge for their families' farms. One student reported that she was taking the information home to her mother who is a fish farmer.

### \*\*LAND AUCTION\*\*

**SATURDAY, FEBRUARY 27, 2021 - 2:00 PM**  
**942+- ACRES BUTLER COUNTY, KS RANCH**  
AUCTION LOCATION: Train Depot, 11724 SE Beaumont Road  
BEAUMONT, KANSAS 67012  
LAND LOCATION: ¼ mile South of Beaumont on the Beaumont/Latham Road.

**SQUIER FAMILY TRUST, SELLER**

- 10-ACRE WATERSHED LAKE \* 7-ACRE POND
- \* 6 OTHER PONDS \* LIVE WATER CREEK
- \* QUALITY CATTLE GRAZING \* NATIVE PASTURE
- \* BLACKTOP FRONTAGE \* WORLD CLASS HUNTING
- \* TILLABLE \* OIL PRODUCTION INCOME \* SPRING & TIMBER RANCH STYLE HOME, BUILDINGS, CATTLE PENS, ROPING ARENA

**SUNDGREN REALTY**  
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JOE SUNDGREN 316.321.7112  
JEREMY SUNDGREN 316.377.0013

Visit our Website for more details: [www.sundgren.com](http://www.sundgren.com)

## TOY AUCTION

*The Late Ray Huninghake Vintage & Collectable Toy Auction*  
**SUNDAY, FEBRUARY 21, 2021 • 11:00 AM**

AUCTION LOCATION: The Nemaha Co. Community Center, 1500 Community Drive, SENECA, KANSAS

Items Selling: Approx. 275 PLUS lots of Antique and Collectable toys; Metal Farm Machinery, Trucks, some Construction Items, a hand-painted Pony Express mailbox w/scene & a hand-painted picture of Hollenberg Pony Express Station, both by Marie Conger. Many are in original boxes; Most are in very good condition! Also offered are many, many more assorted Scale Model Toys, Farm Equipment, Matchbox and Small Iron Toys, Pressed Tin Toys, Commemorative Belt Buckles, Knives, Promotional Buttons, Toy Magazines (from 1980's) and many more collectables.

**ATTENTION LADIES, 350 pieces of Costume Jewelry, which will be sold with a separate auction ring at 1:00 pm.**

**BRANDS OF MACHINERY:** John Deere, International, Farmall, Case, Minneapolis Moline, Oliver, Ford, Steiger, Versatile, Hesston, Cockshutt and many other items of a single brand. Trinket items mixed in. Many unique items. **TAKE A LOOK!**

**TERMS:** Cash or Valid Check. Not Responsible for Accidents or Theft. Statements made sale day take precedence over printed material. **LUNCH ON GROUNDS!**

**SELLER: ROSANN HUNINGHAKE**

For individual pictures, please check our website:  
[www.clinerealtyandauction.com](http://www.clinerealtyandauction.com)

Items sold in catalog order. Almost all in very good condition.

Auction Conducted By: **CLINE REALTY & AUCTION, LLC**  
John E. Cline, Broker/Auctioneer, Onaga, KS, 785-889-4775, cell: 785-532-8381  
Austin Cline, Auctioneer, Frankfort, KS, 785-565-3246  
**WEBSITE: www.clinerealtyandauction.com**



# 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.

Always great online Equipment auctions — [www.purplewave.com](http://www.purplewave.com)

Online Auction — Bidding soft closes February 9, 6 PM selling 1966 Ford Galaxie 500, 1966 Ford Galaxie 500 XL convertible, 1966 Ford Galaxie 500 Convertible, 2000 Chevy Silverado 1500, 2014 Dodge Challenger, 2007 Pontiac Solstice convertible & more. [www.lindsayauctions.com](http://www.lindsayauctions.com). Auctioneers: Lindsay Auction & Realty Service, Inc.

Invitation To Bid — Scott Wilkens is accepting sealed bids on approximately 10-acre tract in Washington County, KS. Bids must be received by February 19, 2021, 12 PM at [sealedbidaction.net](http://sealedbidaction.net). Contact Galloway, Wieggers & Brinegar, PA, attorneys at law.

February 9 — 450.7 acres m/l of Morris and Dickinson County, KS quality farmland with small pasture, excellent fences and water offered in 4 tracts held at Hope. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; Van Schmidt auctioneer.

February 9 — 102 acres m/l of Saline County, KS quality farmland with immediate possession held at Gypsum. Auctioneers: Farmers National Company, Fred Olsen & Matt Dowell, AFM/agents; Van Schmidt auctioneer.

February 11 — 481 acres m/l of Lincoln County, Kansas land selling in 2 tracts consisting of T1: 159.43 ac. m/l farmland; T2: 321.93 ac. m/l farmland, pasture, grass held at Sylvan Grove & online bidding ([www.hansen-auction.com](http://www.hansen-auction.com)) for Dillon Farms. Auctioneers: Hansen Auction & Realty.

February 11 — 704 acres m/l of Neosho County River Bottom, Cropland, Hunting, Recreation, Pasture (located close to Erie) held just South of Erie for River Farms, Inc. Auctioneers: Larry Marshall Auction & Realty.

February 12 — Rural Real Estate consisting of 4.3 acres with old farm house, buildings, water well & heavy timber. Also selling personal property including 150+ guns, 50+ old vehicles, scrap iron, antiques, tools, architectural iron & wood, 200+ traps, car parts, advertising, tractors, primitives & more held at Douglass for Estate of Calvin Markel. Auctioneers: Sundgren Realty, Inc., Land Brokers, Joe & Jeremy Sundgren.

February 13 — Antiques, collectibles, household & tools including 12-piece set Franciscan china, antique furniture, dolls, jewelry, Depression glass & other glassware, crocks, canning jars & more held on north side of Osborne for E. Doris White Trust & Roger & Carolyn Nuzum. Auctioneers: Thummel Real Estate & Auction, LLC.

February 13 — 80 acres m/l of Coffey County land consisting of approximately 30 ac. tillable, balance very good native & mixed grasses, fenced with 2 ponds, good gravel roads on 2 sides held onsite at Waverly for Dorothy Flory. Auctioneers: Kurtz Auction & Realty Service, Darwin W. Kurtz.

February 13 — 781.5

acres m/l of Marshall County, KS land consisting of T1: 90.6 ac. m/l farmland; T2: 77.2 ac. m/l farmland; T3: 139.3 ac. m/l farmland; T4: 275.68 ac. m/l farmland; T5: 205.04 ac. m/l pasture & wildlife habitat held at Summerfield (for online bidding: [www.MidwestLandandHome.com](http://www.MidwestLandandHome.com)) for Orval & Myra Stock Family Trusts. Auctioneers: Midwest Land & Home, Jeff Dankenbring, listing broker; Mark Uhlik, broker/auctioneer.

February 13 — Retirement farm machinery auction consisting of mostly John Deere equipment: tractors, combine, planter, a full line of tillage and haying equipment and trucks held West of Manhattan for Wood and Wood Farm, Daryl Wood. Auctioneers: Cline Realty & Auction, LLC.

February 15 — 782 acres m/l of Lane County, Kansas Ag land (land located near Dighton, KS) offered in 3 tracts held Online Only for Marvin & Wanda Pinkston Estate. Auctioneers: United Country Real Estate Great Plains Auction & Real Estate, Lance Fullerton, CAI, auctioneer & broker. Go to [ucgreatplains.com/auctions](http://ucgreatplains.com/auctions) or call 620-412-9693.

February 18 — Farm Machinery Consignment Auction consisting of tractors, planting, cultivating & spraying, tillage, hay & livestock, grain handling & harvest equipment, antique machinery, construction, trucks, trailers, vehicles, miscellaneous & Lou Dale Sales Estate items held at Tekamah, Nebraska with Online bidding provided by Equipment Facts. Auctioneers: Lee Valley, Inc., [www.leevalley.net](http://www.leevalley.net)

February 18 — 10,935 acres m/l of Seward & Stevens County, KS land to sell at Absolute Auction consisting of irrigated cropland, dryland & multiple farm improvements to be held at Liberal for Hatcher Farms. Auctioneers: Peoples Company.

February 19 — Irrigated & non-irrigated Marshall County land including 249.8 taxable acres m/l and 9.6 taxable acres m/l to be sold as one tract and held in Marysville for Edington Family Trust. Auctioneers: Donald Prell Realty & Auction, LLC.

February 20 — 157.79 acres m/l of Nemaha County Land auction including 84 ac. m/l of tillable farmland, 60 ac. pasture with balance grassland & waterways; rural water meter with hydrant held at Seneca for Albert & Elizabeth Oldberding. Auctioneers: Seneca Realty, Mike Kuckelman, broker; Dale Wilhelm, auctioneer.

February 21 — Vintage & Collectible Toy auction consisting of farm machinery, trucks, construction equipment toys held at Seneca for the Late Ray Hunninghake Toy Collection. Auctioneers: Cline Realty & Auction, LLC.

February 23 — Absolute land auction including 4,800 acres m/l Cropland, Grass & Country Home located in Lincoln & Kiowa Counties, Colorado held at Eads, Colorado for Jerry & Marion Seymour. Auctioneers: Farm & Ranch Realty, Inc., Donald Hazlett, broker.

February 25 — Real Estate consisting of 1,432 acres m/l of Greenwood County pasture & hunting land offered in 3 tracts & combinations held at El Dorado. Auctioneers: Hall and Hall.

February 27 — Over 400 lots Coins including proof sets, lots of Peace Dollars, large cents, Morgan

Dollars, 2-cents & 3-cents, Buffalo nickels, Liberty & Indian Gold, half dollars & much more held at Emporia. Auctioneers: Swift-N-Sure Auctions & Real Estate.

February 27 — Land auction consisting of 942 acres m/l of Butler County, KS Ranch land including 10-ac. watershed lake, 7-ac. pond & 6 other ponds, live water creek, native pasture, blacktop frontage, hunting, oil production income, spring & timber; also ranch-style home, buildings, cattle pens & roping arena held at Beaumont for Squier Family Trust. Auctioneers: Sundgren Realty-Land Brokers.

March 1 — Great quality line of Farm Equipment held at Abilene for T. Lee Gruen & Jason Kookan. Auctioneers: Reynolds Auction Service, Randy Reynolds & Greg Kretz, auctioneers.

March 1 — 33rd Annual Lyons Ranch sale held at the Ranch at Manhattan.

March 2 — 105.79 acres m/l of Irrigated Farmland/Hunting land on Republican River consisting of 83.78 ac. m/l FSA cropland, 79.21 ac. m/l irrigated, 22.01 ac. m/l wooded land held at Scandia for Windmill Real Estate, LLC. Auctioneers: United Country-Milestone Realty and Development.

March 2 — 80 Acres Marion County land consisting of 67.41 acres cultivated cropland, balance is waterways, draw with trees and old 1/2-acre farmstead site with hunting area held at Marion for Howard L. & Mary E.

Collett. Auctioneers: Leppke Realty & Auction, Lyle Leppke & Roger Hiebert.

March 2 — On Target Bull Sale held at Blue Rapids.

March 4 — Jensen Brothers Bull Sale held at Courtland.

March 5 — 947 acres m/l of Flint Hills Grass in 2 Tracts in Chase County, T1: 708.13 ac. m/l & T2: 239.40 ac. m/l. Good water and clean stand of grass held at Cottonwood Falls for Family of Virginia L. Griffiths, Florence Luella Smith & Minnie R. Westbrook. Auctioneers: Leppke Realty & Auction and Griffin Real Estate & Auction.

March 5 — The KSU Legacy Sale held at Manhattan.

March 6 — Farm machinery including 2003 JD 8420 tractor, 1998 JD 7610 tractor, 2000 JD 6110 tractor, 2013 JD 2320 tractor, combine, mowers & much more; also trucks, trailers, shop items, household, antiques & miscellaneous held near Cherryvale for William "Bill" Blaes Trust. Auctioneers: Larry Marshall Auction & Realty; Mark Garretson, Truston Garretson & Larry Marshall.

March 6 — 150 acres m/l Nemaha County cropland, farm & machinery auction held 1 mile East of Baileyville for Leonard Hunninghake Cons. Estate. Auctioneers: Olmsted Auctions.

March 6 — Farm machinery & miscellaneous Southwest of Abilene for Paul Lehman & Dorothy Lehman Trust. Auctioneers: Kretz Auction Service.

March 6 — Laffin Angus Production Sale held at Olsburg.

March 6 — Loving Farms Bulls & Females Sale held at Pawnee Rock, KS.

March 6 — Judd Ranch 43rd Gelbvieh, Balancer &

Grass & Grain, February 9, 2021

Red Angus bull sale held at Pomona.

March 13 — Farm machinery including 2000 Cat Challenger 55 tractor, 1980 JD 4440 tractor, 1960 JD 4010 w/front loader, 1997 JD 9500 combine & more; also trucks, livestock equipment, antique windmill, grain facilities, shop items & miscellaneous held near Chautauque for Hugo Spieker. Auctioneers: Larry Marshall Auction & Realty, Mark Garretson, Truston Garretson and Larry Marshall.

March 13 — Complete line of farm machinery & livestock equipment held at Eudora for Mary E. Abel Trust. Auctioneers: Cline Realty & Auction, LLC.

March 13 — 10th annual May-Way Farms Production Sale selling yearling registered Angus bulls & registered females held at Baldwin City.

March 20 — New Strawn Farm & Ranch Consignment auction held at New Strawn. Richard Newkirk, sales manager; Auctioneers: Kurtz Auction & Realty Service.

March 20 — Cattleman's Choice sale & customer appreciation celebration held at the Ranch at Greenleaf.

March 23 — Mark your calendars for the Premier Herd Sire offering of the spring held at Eureka for Suhr Cattle Company.

March 27 — Annual consignment auction consisting of farm machinery, trucks, trailers, livestock equipment, farm tools & miscellaneous held at Durham for consignments

in conjunction with G&R Implement. Auctioneers:

Leppke Realty & Auction, Lyle Leppke, Roger Hiebert.

March 27 — Farm auction including 4 possible rebuildable tractors: 706 International, 460 International, M&C International; 24' Travalong stock trailer with low miles like new, 24' flatbed Travalong trailer like new, 16' enclosed trailer good, 2 comp. overhead feed bins, lots of cattle equipment, 1999 Dodge 4WD 1-ton pickup, saddle collections (some high-back including a Frazier) & more held at Maple Hill for Linda Raine & the late Bill Raine Estate. Auctioneers: Murray Auction & Realty, Steve Murray.

March 27 — Real Estate & personal property held at Axtell for Norbert Schmitz Estate. Auctioneers: Olmsted Auctions.

March 27 — Farm machinery, skid steer, antique machinery, farm-related items & household goods held Northwest of Randolph for Byarly Family Trust. Auctioneers: Kretz Auction Service.

April 10 — Real Estate & personal property held at Marysville for Darrell & Marjorie Cudney Estate. Auctioneers: Olmsted & Sandstrom.

April 10 — Fink Beef Genetics Spring Bull Sale held at Randolph.

April 17 — Household, tools, collectible items, lots of iron & more held at McFarland for Harold Feyh. Auctioneers: Murray Auction & Realty, Steve Murray.

## ATTENTION AUCTIONEERS

**\* Due to new printing deadlines, all ads (including auctions) have to be sized by Noon and ads submitted after Noon will not be accepted.**

**\* Ad deadline remains at Noon but those received close to deadline may be restricted to an estimated size. It is always recommended to try and submit auctions by the end of Thursday for proofing purposes.**

**\* Deadline for the Free Auction Calendar is 11 AM each Thursday. You are welcome to send your listing as soon as you have it and before advertising starts.**

**AUCTIONS are a VERY IMPORTANT part of Grass & Grain & this notice is meant to prevent any auction from being excluded due to deadline. We appreciate your loyalty to Grass & Grain!**

### REAL ESTATE AUCTION

**704 Acres m/l of Neosho County River Bottom, Cropland, Hunting & Recreation Land, Pasture**

Land located near or on the river, close to Erie, KS

**THURSDAY, FEBRUARY 11, 2021 — 1:00 PM**

Sale Location: Tony's Function Junction — ERIE, KANSAS  
South of Erie, approx. 3 mi. on 59 Hwy. (10400 US 59 Hwy.)

**OWNER: RIVER FARMS, INC.**

For complete details contact Sellers Agent:  
**LARRY MARSHALL AUCTION & REALTY**  
620-485-6136 (cell) or 620-378-4356 (office)  
or email: [marshallauction@twinmounds.com](mailto:marshallauction@twinmounds.com)

Or see our Websites:  
[www.lmarshallauctionandrealty.com](http://www.lmarshallauctionandrealty.com) or [www.kansasauctions.net](http://www.kansasauctions.net)

## FARM MACHINERY CONSIGNMENT AUCTION

**THURSDAY, FEB. 18, 2021 • 8:30 A.M. SHARP!**

**AT LEE VALLEY, INC., 6 MILES NORTH OF TEKAMAH, NEBRASKA**

**We Will Be Running 2-3 Auction Rings All Day! • Online Bidding is provided by Equipment Facts.**

This list subject to change. Call to confirm consignments. Machinery Brought In After Monday, Feb. 15, Will Be Sold Last.

**TRACTORS:** JD 7830 MFWD, 2942 Hrs, PQ, w/LHR, Fenders, 18.4x42 Duals. JD 9400 Bare Back, 710 Metric w/Duals, 5613 Hrs. JD 4955 MFWD, 20.8x42 Duals, TH, QH, 4173 Hrs. IHC 1256, 3Pt, Dual PTO, Dual Hyd Fenders. JD 4850, 2WH, 155SP, 18.4x42 W/Duals, TH, 3Pt, PTO, 3000 Hrs on Reman Motor. JD 6120 MFWD, Cab, Air, Quad E & F Range w/Creeper Triple Hyd. IHC 686 Gas, WF, 3Pt, D Hyd, PTO, Fenders w/Dual 325 Loader. IHC 1086 Cab, Air, Heat, 3Pt, 2 Hyd, 18.4x38, Ford TW-35, w/TA-46 Loader. IHC 666 Diesel, WF, 3Pt, 2 Hyd, 38" Rubber. IHC 756. JD 2010 Diesel Utility, WF, 3Pt, PTO, SH.

**PLANTING, CULTIVATING & SPRAYING:** Kinze 3200 Planter, 12RN Center Flex, w/Fert. Kinze 2000Planter 8R30, Rigid w/15 Row Splitter. Kinze 3200 Planter, 12RN, KPM3 Monitor, Low Acres, No Till Coulters, Residue Wheels. JD 7000 4RW w/3R Splitter Units, w/Coulters. B&B Sprayer 1000 gal, 60' Booms, Tall Tires, Controller. JD 7200 12RN, VAC, Wing Fold. JD 845 16RN Cult. JD 16RN Flat Rod Rotary Hoe. IHC 5100 Drill Double Disk 7x21 w/Grass. Case IHC 5400 Soybean Special 11R15. Elk Creek Caddy. Schaben 3PT, 120FT, Spray Boom. Schaben 750 Gal Sprayer, 50' Boom, Walking Tandem w/Monitor. Demco HT Sprayer 1000 Gal, 60FT Boom, Rinse Tank, MONITOR, Tall Tires. JD 7000 8RN Folding Tractor. Stroebel 2 Box Seed Tender. JD 875 Cult. 8RN. Ag Systems Applicator tool bar frame, w/380-46 Tires. IHC 181 Rotary Hoe. 225 Gal Ea. Inboard Agri Products Saddle Tanks, Frt 10-20-30 Tractor. 400 Gal Helicopter Tanks, FIT JD MFWD-IVT. 40' 3Pt Spray Boom. JD 400 Hoe 4RW. JD RG GN. 6RN Danish tine. Orthman 4R Ridger.

**TILLAGE:** JD 722 Mulch Finisher 3Bar, Coil tine, 28FT. Case IHC TigerMate FC 28'. JD 630 Disk, 30FT. Rolling Basket Harrow, 30FT of JD 630. JD 637 Disk, 37' 10" Rock Flex w/Harrow. IHC 3900 disk 21', 9" Spacings. DMI Nutri-Plac 13 Coulters Liquid Fertilizer Applicators. Elk Creek Caddy w/Dual 8Bolt Wheels. JD 985 Field Cult 60FT. IHC 496 Disk 28' w/Harrow. JD 960 FC 32'. Blue Jet Track Master, Pivot Closer. IHC 10 V-Ripper, 7 Shank. Krause Disk 22FT. Model 14. IHC 490 Disk 21ft. IHC 3Pt, C Shank Chisel. IHC 480 disk, 20'. JD 1450 5B Plow. IHC 560 6B Plow

**HAY & LIVESTOCK:** Vermeer M8040, 3Pt Disk Mower, 9'. JD 2320 Windrower. JD 260 3 Pt Disk Mower, 7". NH 353 Grinder Mixer. Oswald 320 Feed Wagon w/Scale. JD 1600 Windrower. JD 48 TDC Round Baler. NH 273 Square Twine Baler. JD CX-15 Bat Wing Mower. JD 5Tine Grapple off JD 840 Loader. Hesston 565A Round Baler. NEW 80-68AR 20' Continous Panels. NEW 20-5'x10' Portable 68AR Panels. NEW AK Best Free Standing Panels. IHC 575 Manure Spreader, TA Slope Gate. 2 - Apache Creep Feeders. Lorenz 1250 Grinder Mixer. Lorenz 85H3 Grinder Mixer. Gehl 325 Manure Spreader. JD 3960 Chopper w/Hay Head. JD 1380 Windrower. JD 48 Loader. 50 - Small Square Straw Bales - Wire. JD 640 Rake. 14' Hyd Hog Cart. Pray 10ft, Woden Feed Bunks. JD 510 Round baler. 20T Bulk Bin. M&W 10 Wheel V-Rake. Bush Hog 2400 QT Loader. Woods 3Pt Stock Feeder. JD Hay Rack. Homemade Squeeze Chute. Hampton 2 Auger Feed Wagon. Vermeer 605K Twine Wrap. JD 44 Manure Spreader. New 12x30 Livestock Shelter

**GRAIN HANDLING & HARVEST EQUIP:** Case IHC 2388, 2003 Model, 18.4x42 Duals, Yield Monitor, Chopper, Bin Ext, Fully equip. 3443 Eng./2239 Rotor. Case IHC 1020 Flex, 30FT. Drago 8RN Cornhead Fits 2388. Peck 12x92 W/PDK. Peck 10x66 Direct Drive Low Profile. Buhler Farm King 10x70 DD w/Electric Hopper Lift. Peck 10x71 Direct Drive Hyd Auger. Peck 10x66 Low Profile, Hyd, 2009 Model. Peck 8x36 PTO w/Bin Hopper. Buhler Farm King 8x36, PTO. JD 643 HT. IA 435 Header Trailer. AC- 6RN Cornhead Fits R52. 30FT Header Trailer. Brent 740 Gravity Wagon w/Truck Tires. Heider Gravity Wagon, Tapr, w/Hyd Side Auger. Bradford Gravity Wagon w/Westfield Side Auger. Parker 350 Bu Gravity Wagon. Killbros 350 Bu Gravity Wagon. Parker 250 Bu Gravity Wagon. Killbros 450 Center Dump Wagon. Westfield 13x71 Low Profile. Westfield 10x71 Low Profile. Farm King 10x72 Low Profile

**ANTIQUE MACHINERY:** IHC 3B, 3Pt Plow. IHC 3B, 2Pt Plow. Ford 2B 3Pt Plow. Ford 11 Rigid Shank 3Pt Cult. Ford 11Spring Shank, 3Pt Cult. JD Steel Wheel Running Gear. JD 2 Row Pull Type Planter. JD 4B, 3PT Mounted Plow w/Slat Bottom. IHC Rear Solid Weights. JD 3010 - 4010 Starter Frt Wts w/Slab. Dearborn Cultivator. Horse Drawn one way Disk. Metal Clipper Fanning Mill. Wooden Model B Clipper Fanning Mill. JD Front Weight for 1020-2020-2030. Ant Steel Wheel Potato Digger w/Orbit Motor. Horse Drawn Disk

**CONSTRUCTION:** JD 310D Loader Backhoe. Eversman 600 Dirt Scrapper. Rowse 4YD RF Dirt Scrapper. Rhino 1540 3Pt Blade, 10FT 6 Way. JD 9250 3Pt Backhoe. Pull Type 12ft Box Scrapper. JD 524 Dozer Blade, 9ft. Longhorn L6, Box Scrapper. Pul Type 12ft Box Scrapper w/Hyd Tilt. 7" Skid Steer Material Bucket. OM 310 Mustang Skid Steer. JD 3Pt Backhoe. SS Rock Bucket 66". 3Pt, Hyd Back Hoe. NEW Lowe SS 1650 & 750 Hyd Post Hole Digger. NEW Stout SS Brush Grapples, 66-9, HD 72-8, HD72-4, XHD 84-6, HD 72 FB & 48" Pallet Forks. NEW 4-12-16.5 Skid Steer Tires. NEW IA 140R 6Way Grader Blade. NEW IA 165 Hyd 3Pt Blade. NEW IA 180 Hyd 3Pt Blade. NEW IA 12F Box Blade. NEW IA 10F Box Blade. NEW IA SP9 & SP10 Snow Pusher. NEW IA F07, F10, F12 Box Blades. Semi Load of New Patriot Skid Steer, Rock & Brush Grapples, Root Grapple, Rock Buckets, 72 & 80", Brush Mowers, . Pallet Fork Exts, Receiver Hitch Plates & Weldable QT plates, NEW JCT, Skid Steer, Brush Cutters, Hyd Augers, 72" Hyd Box/Broom Sweeper, 72" Tiller, Grapple Bucket, Dozer Blade, and Rock Grapple Buckets. 72" Angle Broom. Soil Mover 625RF

**TRUCKS, TRAILERS & VEHICLES:** 2010 Timpte Grain Trailer, 42x66, Air Ride, Ag Hopper, Electric Tarp, Alumin. Wheels. 2006 Freightliner Columbia Day Cab, 460 Mercedes, Jake, Cruise, Super 10, 661K mi, Alumin Wheels. NEW 2021 Severe Gooseneck Flat Bed, 32FT, Tandem Duals w/Torque Tube, 22,500 GVW, Pop-up Ramps. 2006 Kawasaki Transmule, 2 Seats, 477 Hrs, 4x4. 1990 Wilson45ft Road Brute Flat Trailer, Aluminum w/2-2750gal tanks, pump & inductor. 2003 Volvo Day Cab, D-12 Motor, Recent

Rebuilt 10 Spd Trans, 740K Miles. 2009 Timpte Hopper Bottom Grain Trailer, Front and Rear Ladder, Tarp. 1995 Freightliner FLD 120, Cummins N14, 10SP, Day Cab, 730K Miles, 24.5 Alum/Steel. NEW 2020 Tiger Utility Car Trailer, 7,000lb Axle, 20FT, Beaver Tail, Ramps. NEW 2021 Tiger Utility Car Trailer 7000lb Axle, 20FT, Beaver Tail, Ramps. 1993 Wilson Grain Trailer w/Tarp. 1979 GMC 7000, Reman 427, 582, Tag Axle, 20ft Steel Box, Hoist, Tarp. 2015 Carry-All Enclosed 18ft TA Trailer. 2003 Chevy 4X4, 2500 HD, Crew Cab. 1991 Chevy Kodiak Fuel Truck, Cat Diesel, 2500 gal W/Pump. 1979 Ford F600 SA, 370 Gas, 4&2, Steel Grain Box w/Hoist. 1979 IHC S1900 Tandem Axle Grain Truck. 2003 Ford F250, 4X4 Std Cab, V-10 Gas, Auto. 1999 Dodge Ram Sport, 4X4, Hemi, Short Box. 1998 Ford F150 Extended Cab, 4X2. Featherlite 28ft Steel Gooseneck Stock Trailer. Kiefer 16ft Bumper Pull Stock Trailer. Tandem Axle Dozer Trailer w/Dolly Wheels. 2015 Tiger Car Trailer. 1996 Monte Carlo. 1979 Chev C70 Gas, w/14ft 3 Compartment Auger Box, NON RUNNER.

**MISCELLANEOUS:** Several Semi Loads of Hardsteel Building Materials. New 800 Gal TA Fuel Trailer w/ Brakes. JD 4320-4620 Flat Top Fenders. IHC Flat Top Fenders. Pickup Short Box w/Bumper & Tailgate off Ford F250. Alladin Hot Water Pressure Washer. Ag-Systems Applicator, Tool Bar, w/380 R46 tires. 8- NH3 Shanks & Coulters, for Tool Bar. 17- Liquid Coulters for Jet Liquid Fertilizer. 8-Like New closing disks, for NH3 Shanks. Pr 320 R46 Step up Rims w/Firestone 9000 Tires. Pr 9Bolt w/Spacers 320 R46 w/Firestone 9000 Tires. TeeJet 744A Sprayer Controller. HID Lights & Wiring for JD 8270R. 3-Precision Guides 0-100 PSI, 4141GX860. JD MX8 3Pt Shredder. May Wes Little Wesley Riding Sprayer. Lundell 3400 Snow Blower 3PT, 8'. 10-JD Single Disk Fertilizer Openers. Self Propelled Spot Sprayer. ONAN Model 12.5, JC Generator, Gas/LP. Westendorf WL40, 35pool Valve, Grapple w/4020Mts. Westendorf 12T Running Gear. Truck Utility Box w/Auto Crane. Rink 9', 3PT Rear Blade. . Pr 23.1x26 tires on AC Combine Rims. Agri Power 24.5x32 tire. Pr 14x16.1, 4 Rib Tires. JD 953 Gear w/Metal Box & Hoist. 6T Running Gear. Coates Tire Machine. Misc Culverters. JD JD 450 Rear Wts. PR JD Offroad Rear Wts. Pr PTO Cornhead Driveshafts. 2Pt Snow Blade. Curvetine Closing Wheels. Misc Pivot Tires & Rims. 500 Gal LP Tank. 250 Gal LP Tank. Misc Used Barn Tin. Calc-An-Acre. 44-Cast Iron closing Wheels FIT JD 750 Drill. Frt Fuel Tank w/Lights. JD 30 Series. 300 Gal Steel Tank on Westendorf Gear. Misc JD Front Suitcase Weights. Homemade 8x18, TA Deck over Trailer. 17" Tires & Rims For Ford F150. 16" Tires & Rims For Jeep Liberty. Lozier Shelving. 200 Gallon Saddle Tanks. 2 Wheel SS Trailer. JD Front Wt Brkt. JD 3 5/8, 10Bolt Hubs. 10 Bolt 5" Hub Ext. 16x42 Rim. JD 110# Rear Wt. Pickup Flatbed. Jo Box. Misc Saddle Tanks

**LOU DALE SALES ESTATE:** JD 9400 4X4. JD 4955 MFWD. JD 310 Loader/Backhoe. JD 630 Disk, 30'. IHC 510 Drill. IHC 575 Manure Spreader. JD 1875 Round Baler. Oswald 320 Feed Wagon. GEH 1600 Windrower. Questions, call Shannon: 712-369-0629

### LEE VALLEY, INC.

**402-374-2792 - www.leevalley.net**

**Partial Listing, expecting much more by sale time!**  
Hundreds of Pictures (Updated DAILY) Online  
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TERMS & CONDITIONS: Cash or good check. No property to be removed until settled for. All items to be paid for during or at close of auction. Not responsible for accidents, lost or stolen items.

Some items will be available on Equipment Facts. Check our website for details!

### LAND AUCTION

**80 Acres MARION COUNTY LAND**

**TUESDAY, MARCH 2, 2021 — 10:00 AM**

Sale held at the Marion County Lake Hall — MARION, KANSAS

**LEGAL DESCRIPTION:** The East one half of the Southeast quarter of Section 20, Township 19 South, Range 5 East (E/2 SE/4 20-19-5) Marion County, KS.

**LAND LOCATION:** From Jct. Hwy 56/77, 2 miles East of Marion (Roundabout), go 4 miles East on Hwy 150, then 1 mile North on Zebulon. (Jct. Zebulon and 210th)

**LAND DESCRIPTION:** 67.41 acres cultivated cropland having a combination of Labette-Dwight, Irwin silty clay Loam, and Lady-smith silty clay loam soils. The balance of the acreage (12.59 acres) is waterways, draw with trees and an old 1/2 acre farmstead site.

**POSSESSION:** Immediately at closing and upon full settlement. The land is all open spring ground that was in soybeans last year and is ready for spring planting.

**AUCTIONEER'S NOTE:** This farm is a good addition to your existing farming program or a great opportunity for land investment. The land is ready for planting and the grain markets are as robust as we have seen in years!! The small grove of trees in the draw at the Northwest corner is a hidden and secluded hunting spot where deer hang out. Having a good gravel road along the East side and being just 1 mile North of Hwy 15 the land has easy access. DON'T OVER-LOOK THE POSSIBILITIES THIS FARM OFFERS!!

**SELLER: HOWARD L. & MARY E. COLLETT**

Go to [www.Lepke.com](http://www.Lepke.com) for complete listing, pictures & terms

**LEPPKE REALTY & AUCTION**  
501 S. Main, Hillsboro, KS 67063 — 620-947-3995  
LYLE LEPPKE, Auctioneer/Broker — 620-382-5204;  
ROGER HIEBERT, Auctioneer/Sales Assoc. — 620-382-2963





## Believe It Or Not!

Do you believe in ghosts? How 'bout angels? Miracles? Tarot cards? I grew up believin' in Heaven and all its assorted angelic inhabitants and their counterparts in the singed black hats. Reincarnation wasn't taught in Sunday School but we were encouraged to believe that souls existed. So, with this sort of background it was easy for me to accept

ghosts. Especially when I saw the 'ghost of Yankee Bill Summit.'

This experience happened many years ago, but I was a full grown man with a full-grown mustache. It was a crisp October and Lee and I had driven to Yankee Bill in northern Nevada. We and the cowboys had worked cows all day. Since we still had another days work we stayed

over at the old sheep headquarters high up in those beautiful mountains.

That evening Antonio had cooked up a great Basque supper; fried sweet peppers, spuds, codfish, dutch oven bread and his special chicken fried steak. We sat around the table in the company of Ten High and Vino Fino, smoking and getting beat at checkers by Juan Garay.

It was cold and a moonless night when we retired.

Lee and I took a room right off the dining area. We layed out our rolls on a couple of cots and waited for everyone to hit the sack. The wood floor of this old sheep headquarters carried each footstep like it was next to ya.

Late into the night Lee started talkin' in his sleep and woke me. He rolled over and shut up but someone was standin' over me. I strained to see him by the starlight. He was pullin'

his shirt over his head so I couldn't see his face but he had on chinks, boots and big Mexican spurs.

I stared at him hard and I could see the dresser behind him, through him. I sat up to get a better look. I realized I was wide awake. I said, "What are you doin' here?" He didn't answer so I swiped at him. He jumped back but his boots didn't make a sound on the wood floor.

He stayed in the room [www.baxterblack.com](http://www.baxterblack.com)

as long as I stared at him. Finally I lay on my back, closed my eyes and willed myself to sleep.

Now, cowboys are a superstitious lot so I didn't say much next mornin'. I made a few inquiries whether any old buckaroos had died up there. Nobody knew. Nobody but me, I guess. I know. I know 'cause I've seen him... the ghost of Yankee Bill.

## Kansas 4-H youth eye 'Science of Agriculture' challenge

It's pretty clear traveling through Kansas that agriculture is a vital part of the state's economy. From flowing fields of lush crops to burly cattle grazing open prairie, agriculture is part of life in the Sunflower State.

But Anissa Jepsen knows that agriculture touches many other parts of Kansans' lives outside of the farm. It's a part of the technology we use, the clothes we wear and the food we eat.

That's one driving principle of a program offered through Kansas 4-H called Science of Agriculture, which is revving up for another year.

"It's a hands-on learning experience that inspires the next generation of our agriculture leaders in Kansas," said Jepsen, a 4-H youth development

specialist at the state office in Manhattan.

Science of Agriculture brings together teams of three to five youth in grades 6-12 who work with coaches and mentors to create research projects related to a need in their community. Each fall, those teams get together and present their research and findings; members of the top three teams earn a college scholarship.

In the past, some of the projects that Kansas 4-Hers completed include a project to educate communities on reducing food waste; research on feed efficiency in beef cattle; and evaluating the effects of chiropractic medicine on livestock production.

The COVID-19 pandemic will delay the start of this year's program, but

Jepsen said registration should be available by the end of April. In the meantime, she is urging youth and their coaches to begin forming plans for their community-based project.

That includes six 'Pillars of Agriculture' touted by Kansas 4-H including agriculture's relationship to:

- The environment.
- Food, fiber and energy.
- Animals.
- Lifestyles.
- Technology.
- The economy.

This year, Jepsen said youth also will be able to form a partnership with faculty at Kansas State University. "I was approached by several of our professors about this competition," she said. "They wanted the chance to partner with the 4-H teams. So we will be pair-

ing our youth with someone at K-State who works in the research field that they have chosen for their project."

The 2020 Science of Agriculture challenge was held virtually. Jepsen hopes this year's competition can be held in-person, but knows that the online options assure that youth will get to display their projects. "At this point," she said, "don't let any barriers from COVID or anything like that stop you from forming your teams."

More information about the Science of Agriculture challenge and other programs offered by the Kansas 4-H Youth Development program is available online, or contact your local Kansas Extension agent.

### Farm Land For Sale - Ready for 2021 Planting Season Seneca, Kansas

*Approximately 545 acres (+/- 514 tillable acres) - \$6,800/acre*

*Includes 2 Ponds, Barn, Rural Water and Electric available*

*Section 9, Adams Township, Nemaha Co., KS*

**For more information, visit [www.farmks.com](http://www.farmks.com) or call (785) 409-5303**

# Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

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

RECEIPTS FOR THE WEEK: 6,343 CATTLE			
<b>STEERS</b>			
300-400	\$185.00 - \$195.00	10 blk	Marquette 665@131.50
400-500	\$180.00 - \$198.00	15 red	Goddard 709@131.00
500-600	\$175.00 - \$190.50	11 mix	Newton 628@131.00
600-700	\$151.00 - \$163.00	13 mix	Hesston 708@130.50
700-800	\$135.00 - \$149.25	6 mix	Inman 755@129.00
800-900	\$130.00 - \$141.75	6 blk	McPherson 653@128.50
900-1,000	\$123.00 - \$132.00	25 blk	Clearwater 682@127.75
<b>HEIFERS</b>			
300-400	\$158.00 - \$167.50	60 mix	Assaria 739@127.75
400-500	\$157.00 - \$167.00	14 mix	Newton 789@126.75
500-600	\$148.00 - \$163.00	16 mix	Hesston 829@126.00
600-700	\$130.00 - \$144.00	68 mix	Clearwater 775@126.00
700-800	\$122.00 - \$133.00	25 char	Minneapolis 853@126.00
800-900	\$120.00 - \$129.00	16 blk	Miltonvale 770@125.50
		27 blk	Miltonvale 866@123.00

THURSDAY, FEBRUARY 4, 2021		TUESDAY, FEBRUARY 2, 2021	
<b>WEANED/VACC SALE STEERS</b>			
2 blk	Newton 420@198.00	6 blk	Wakefield 323@195.00
2 char	Minneapolis 498@195.00	24 blk	Lorraine 469@192.00
6 blk	Russell 515@190.50	46 blk	Lorraine 537@190.50
7 blk	Wilson 524@187.00	8 blk	Clay Center 504@190.00
2 blk	Salina 453@187.00	5 blk	Lindsborg 409@190.00
3 blk	McPherson 445@185.00	18 blk	Broken Bow, NE 500@189.00
3 blk	Newton 425@182.00	9 blk	Salina 507@189.00
3 blk	Salina 443@181.50	7 blk	Claffin 525@189.00
4 blk	Wilson 563@176.00	5 blk	Bazine 508@187.00
17 red	Goddard 632@154.50	9 blk	Ellsworth 543@187.00
5 char	Durham 605@152.50	4 mix	Gypsum 536@186.00
10 blk	Newton 619@151.00	8 blk	Gypsum 538@180.00
12 char	Minneapolis 655@150.50	8 mix	Beloit 540@178.50
15 mix	Salina 640@150.00	12 blk	Hillsboro 568@175.00
9 blk	Marquette 652@150.00	49 blk	Ellsworth 570@171.00
14 blk	Marquette 730@149.25	5 blk	Hillsboro 610@163.00
12 mix	Lindsborg 660@147.00	12 blk	Latham 578@162.00
14 char	Minneapolis 816@141.75	25 blk	Broken Bow, NE 574@161.75
30 mix	Inman 806@140.75	12 mix	Clay Center 607@159.50
4 blk	Longford 699@140.50	153 blk	Ellsworth 631@158.75
10 blk	Longford 691@139.00	9 blk	Galva 596@158.75
6 mix	Newton 778@138.75	20 blk	Ellsworth 611@158.00
18 mix	Hesston 806@138.50	44 blk	Lorraine 629@156.50
88 mix	Gypsum 752@138.50	21 mix	Salina 617@156.00
23 blk	Longford 813@137.75	8 blk	Nickerson 618@155.00
18 mix	Lindsborg 754@135.50	3 char	Claffin 625@154.00
13 blk	Abilene 834@132.25	4 blk	Salina 620@153.50
60 blk	Abilene 874@132.25	5 red	Lorraine 469@153.00
62 mix	Hope 873@132.25	11 mix	Beloit 640@152.50
13 mix	Salina 836@132.00	15 blk	Galva 627@152.25
26 mix	Salina 901@132.00	80 blk	Ellsworth 696@150.00
61 blk	Lincoln 828@131.85	17 mix	Salina 688@148.50
65 blk	Durham 882@130.50	9 blk	Claffin 706@148.50
16 char	Minneapolis 910@129.50	30 blk	Latham 670@148.50
58 blk	Claffin 883@129.25	9 blk	Clay Center 702@148.00
17 mix	Hesston 918@128.00	8 blk	Salina 714@148.00
8 mix	Inman 918@127.25	22 blk	Ellsworth 713@147.50
32 blk	Miltonvale 930@127.00	12 blk	Bazine 701@147.00
<b>HEIFERS</b>			
5 blk	Newton 476@167.00	14 blk	Concordia 708@147.00
4 blk	Salina 500@163.00	12 red	Lorraine 706@147.00
2 mix	Newton 483@162.00	46 blk	Ellsworth 728@145.25
7 blk	Moundridge 458@160.50	94 blk	Ellsworth 723@145.00
7 red	Goddard 476@159.00	26 blk	Latham 788@144.75
2 blk	Hillsboro 498@159.00	12 blk	Raymond 762@143.25
6 blk	Salina 443@157.00	10 blk	Galva 727@143.00
6 blk	Newton 513@157.00	4 blk	Halstead 706@139.00
5 mix	Salina 517@150.00	7 mix	Clay Center 811@138.75
7 blk	Marquette 542@149.00	11 mix	Beloit 816@138.25
2 blk	Hillsboro 608@135.00	6 blk	Piedmont 706@138.00
6 char	Minneapolis 611@135.00	11 mix	Salina 854@134.00
20 mix	Goddard 627@133.00	29 blk	Wellington 807@133.50
10 char	Minneapolis 714@133.00	5 blk	Herington 937@131.00
55 blk	Lincoln 732@132.50	<b>HEIFERS</b>	
7 blk	Moundridge 638@132.00	8 blk	Lorraine 326@167.50
		4 blk	Salina 458@163.00
		4 blk	Woodbine 501@162.50

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

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

**MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY**  
Hogs sell at 10:30 a.m. *on the 2nd & 4th Monday of the month.*  
Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

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

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

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

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

*Time To Start Thinking About CONSIGNING HORSES for the*

## SPRING SPECTACULAR HORSE SALE: MAY 15, 2021.

**DEADLINE IS MARCH 1, 2021!**

4 blk	Halstead 493@162.00	11 blk	Lost Springs 604@142.50
11 blk	Broken Bow, NE 457@162.00	20 blk	Ellsworth 582@140.00
3 blk	Lost Springs 507@162.00	18 blk	Salina 654@140.00
8 blk	Claffin 517@161.00	10 blk	Salina 686@137.75
11 mix	Lindsborg 486@161.00	14 blk	Ellsworth 666@136.00
15 blk	Beloit 505@160.00	5 blk	Geneseo 631@136.00
4 blk	Wellington 588@160.00	11 mix	Nickerson 613@135.00
18 blk	Broken Bow, NE 527@159.50	9 red	Lorraine 634@134.00
4 mix	Ellsworth 481@159.50	5 blk	Galva 633@134.00
43 mix	Hutchinson 506@158.50	28 blk	Leonardville 655@133.75
8 blk	Beloit 408@158.00	18 blk	Ellsworth 621@133.00
6 blk	Hutchinson 400@158.00	8 mix	Clay Center 622@132.00
6 blk	El Dorado 489@157.50	8 mix	Lost Springs 603@132.00
2 blk	Halstead 498@157.00	6 mix	Clay Center 610@132.00
9 blk	Halstead 527@157.00	5 blk	Claffin 663@131.00
14 mix	Clay Center 524@157.00	13 blk	Raymond 710@130.00
18 blk	Hillsboro 533@156.50	23 blk	Lorraine 707@129.50
6 blk	Ellsworth 538@156.00	7 blk	Herington 792@129.50
5 blk	Clay Center 444@155.00	8 blk	Hutchinson 819@129.00
7 red	Lost Springs 536@155.00	10 mix	Salina 677@129.00
14 mix	Salina 567@154.00	18 blk	Ellsworth 698@129.00
9 blk	Galva 536@151.00	5 blk	Salina 637@128.25
9 blk	Bazine 567@150.00	17 mix	Concordia 678@128.00
23 blk	El Dorado 545@149.00	12 red	Lorraine 714@128.00
15 mix	Salina 581@146.50	20 blk	Geneseo 735@128.00
13 blk	Latham 576@145.50	14 blk	Piedmont 698@128.00
2 blk	Woodbine 600@144.00	12 blk	Geneseo 823@123.50

**EARLY CONSIGNMENTS FOR THURSDAY, FEBRUARY 11, 2021**

90 str 550-800 home raised/long weaned, 60 charX s&h 600-800 home raised/long weaned/Char sired, 100 hrs 600-825 home raised/long weaned/vacc/Harms & Cow Camp Sired, 30 s&h 600-700 weaned October, 100 blk s&h 600-800 home raised/weaned Nov/vacc/Angus sired. PLUS MORE BY SALE TIME

**SPECIAL COW SALE: TUESDAY, FEBRUARY 16, 2021**

**BULLS: 1 red balancer bull 2 yrs old heifer bull, 1 3 yr old red angus bull heifer bull semen & trich tested**

**BRED HEIFERS: 40 blk hrs bred LBW Angus vacc March 1st for 60 days, 30 blk hrs bred blk, 5 bred heifers bred red angus, 6 blk hrs fall bred to Jersey/Angus bull September calves, 10 red angus hrs bred to LBW angus bulls heavy springers**

**HEIFER PAIRS: 30/30 blk hrs simm/angus calves OCHV'd November calves worked**

**REPLACEMENT HEIFERS: 40 angus hrs OCHV'd Pelvic examined Fink genetics, 20 blk hrs, 15 red angus hrs**

**BRED COWS/PAIRS: 20 blk/red angus cows 4-7 yrs bred blk or red bulls, 60 blk cows 4-10 yrs spring bred 50% home raised 50% Rosebrook or Ayers as 1st calf heifers fancy gentle bred angus bw & performance EPD's on bulls, 40 blk cows mostly 3 yrs old bred red or blk angus heavy springers all raised a calf last year, 33 blk cows 3-6 yrs spring bred to blk or char bulls, 65/65 blk pairs 4-6 yrs bred angus calves worked 3-n-1 package, 10/5 blk running age bred cows and pairs, 10 cows 9-10 yrs heavy bred bred to McCurry Angus bulls, 80 blk cows 6-8 yrs bred char or red angus and Hereford bulls, 40/40 blk 3-8 yr old pairs big calves worked exposed back, 35/20 mostly blk cows 3-6 yrs some pairs, 27/27 blk pairs 3-6 yrs angus calves worked cows exposed back, 80/80 blk pairs 3-5 yrs mostly AI sired calves 30-60 day old calves, 40/40 red angus pairs red angus calves 3-4 yrs old mostly AI sired calves, 10/10 3-4 yr old pairs month old blk calves, 12 red angus 3-5 yrs heavy bred cows, 13/13 simm/angus fall running age pairs, 35 blk/red cows bred char all coming with 4th calf, 33 blk cows 3 yrs old coming with 2nd calf bred Benoit Angus start March 13 for 30 days, 73/73 blk pairs 4 yrs old angus calves exposed back to angus bulls. PLUS MORE BY SALE TIME**

**UPCOMING SPECIAL SALES 2021: All Sales are Tuesday at 11 AM**

**COW SALES: Tuesday, Feb. 9 • Tuesday, Feb. 16 • Tuesday, March 16**  
• Tuesday, April 20 • Tuesday, May 4

**DON JOHNSON ANGUS BULL SALE: MONDAY, MARCH 8, 2021**

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# Marshall named to Agriculture, HELP, Small Business, and Energy committees

U.S. Senate Republican Leader Mitch McConnell has named Senator Roger Marshall, M.D., to the Senate Agriculture, Nutrition, and Forestry Committee; the Health, Educa-

tion, Labor, and Pensions (HELP) Committee; the Small Business and Entrepreneurship Committee; and the Energy and Natural Resources Committee for the 117th Congress.

Following a phone call with Republican Leader McConnell, Marshall issued this statement:

"I am honored to be named to these important committees as they give our state a seat at

the table when it comes to protecting the Kansas way of life and tackling the many issues facing our nation," said Marshall. "As a fifth-generation farm kid, someone who has spent many years leading

businesses in a variety of fields, and as a physician, I look forward to adding the Kansas perspective to each of these committees."

Senator John Boozman, Republican Leader of the Senate Ag Committee said, "We are pleased to welcome Senator Marshall to the Ag Committee. He brings a strong understanding of the committee's portfolio, and his appointment ensures that Kansas continues to have a crucial vote in the direction of our nation's agriculture policy. I know Senator Marshall is ready to get to work to help our nation's farmers and ranchers, and we are eager to add his voice to the discussion."

"I want to welcome Senator Marshall to the Energy and Natural Resources Committee," said Senator John Barrasso, Republican Leader of the Ener-

gy and Natural Resources Committee. "His insights will strengthen our committee. I look forward to partnering with Roger as we work to promote America's energy security, economic strength, and environmental stewardship."

"I'm pleased Senator Marshall will be joining the Senate HELP Committee," said Senator Richard Burr, Republican Leader of the HELP Committee. "Senator Marshall brings with him more than 25 years of experience practicing medicine. As we continue to face some of the greatest public health, education, and economic challenges of our lifetime, Senator Marshall will bring a valuable perspective to the Committee. I look forward to working with him as we tackle the most pressing issues confronting our nation."



Hinrichsen Top Secret 013 won grand champion bred-and-owned bull and Kansas grand champion bred-and-owned bull at the 2021 Kansas Angus Futurity Junior Show, Jan. 31 in Hutchinson. Eva Hinrichsen, Westmoreland, owns the March 2020 son of Schilling's R&L Confidential. He earlier claimed calf champion. Greg Walthall, Windsor, Mo., evaluated the 97 entries.



J4 Best In Class 905 won reserve grand champion bred-and-owned bull at the 2021 Kansas Angus Futurity Junior Show, Jan. 31 in Hutchinson. Ella Jordan, Savannah, Mo., owns the December 2019 son of Dameron Best In Class. She first claimed senior calf champion.

Photos by Jeff Mafi, American Angus Association

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For our sale held on Friday, February 5th, steers and heifers offered were mostly selling at steady prices with good demand. Cull cows and bulls sold \$4 - \$6 higher.

### STEER CALVES — 425-550 LBS.

Wheaton	11 blk	451@192.00
Lecompton	4 blk	462@190.00
Randolph	6 blk	527@181.50
Wheaton	9 blk	533@176.50
Axtell	5 Cross	430@175.00
Sabetha	9 blk	523@174.50
Lecompton	5 blk	549@161.00

### STEERS — 600-900 LBS.

Goff	7 blk	636@155.50
Pomona	6 blk	660@154.00
Randolph	4 blk	607@151.00
Randolph	6 blk	680@150.75
Manhattan	8 blk	661@148.00
Randolph	12 blk	677@146.00
Wamego	8 blk	669@146.00
Goff	10 blk	687@142.50
Council Grove	6 blk	722@140.50
Wamego	24 blk	708@140.00
Sabetha	4 blk	662@140.00
Valley Falls	6 Heref	622@137.00
Council Grove	4 Heref	761@131.50
Council Grove	9 blk	885@125.50

### HEIFER CALVES — 375-500 LBS.

St. George	4 blk	465@164.00
Wheaton	7 blk	399@163.00
Wakfield	6 blk	474@163.00
Wheaton	11 blk	475@162.50
Oskaloosa	9 bwf	465@158.00
Lecompton	5 blk	476@148.50
Axtell	7 blk	453@143.00

### HEIFERS — 550-825 LBS.

St. George	20 blk	570@149.75
Wheaton	4 blk	565@148.50
Pomona	7 blk	610@146.00
Wamego	7 blk	580@145.50
Alma	60 blk	626@145.00
Randolph	11 blk	622@145.00

Council Grove	6 blk	669@138.50
Axtell	4 Cross	557@137.00
Wamego	32 blk	688@136.25
Manhattan	7 blk	640@135.00
Wamego	16 blk	759@131.00
Wamego	4 blk	786@131.00
Randolph	21 blk	692@129.25
Alma	7 Cross	709@128.00
Wamego	13 blk	722@128.00
Goff	18 blk	703@128.00
Council Grove	6 bwf	825@120.00

### COWS & HEIFERETTES — 1,025-1,600 LBS.

White City	1 blk	1135@77.00
Wakefield	1 blk	1045@69.00
White City	1 blk	1350@61.00
Manhattan	1 blk	1185@60.50
Leonardville	1 blk	1580@59.00
Manhattan	1 blk	1270@59.00
Manhattan	1 blk	1210@58.00
Gypsum	1 blk	1155@58.00
Manhattan	1 bwf	1110@57.50
Olsburg	1 blk	1395@57.00
Manhattan	1 blk	1465@56.50
Leonardville	1 bwf	1490@55.50
Alma	1 blk	1560@55.00
White City	1 blk	1340@55.00
Alta Vista	1 blk	1470@54.00
Gypsum	1 blk	1470@54.00
Maple Hill	1 Cross	1110@53.50
Leonardville	1 blk	1375@52.00
Leonardville	1 blk	1485@52.00

### BULLS — 1,750-2,150 LBS.

Manhattan	1 blk	2015@93.50
Manhattan	1 blk	2120@92.00
Alma	1 blk	1765@88.50
Gypsum	1 blk	2145@87.00

### BABY CALVES

Topeka	1 blk	@450.00
Manhattan	1 blk	@435.00
Axtell	1 blk	@350.00
Axtell	1 Cross	@310.00
Wamego	1 bwf	@235.00

### EARLY CONSIGNMENTS FOR FEB. 12

- 75 choice reputation Angus str & hfrs, 600-750 lbs.
- 43 mix str & hfrs, weaned 6 weeks, 2 rds shots, 550-600 lbs.
- 9 gentle Judd Ranch genetics blk replacement quality OCV hfrs, 2 rds shots, poured, pelvic measured, 700-750 lbs.
- 80 blk hfrs grass condition, longtime weaned, shots, 600-650 lbs.
- 128 choice reputation blk str & hfrs, weaned Oct. 25, Spring & Fall shots, 700-850 lbs.
- 50 choice reputation Angus str, 3 rds shots, long weaned, 650-750 lbs.
- 20 choice reputation Angus hfrs, 550-650 lbs.
- 90 Angus str & hfrs, 2 rds Fall shots, 600-750 lbs.
- 43 blk str & hfrs, long weaned, all shots, 600-750 lbs.
- 30 Angus & Simm Angus str, long weaned, 2 rds shots, green, 700-800 lbs.
- 44 choice reputation Angus str & OCV hfrs, long wean, 2 rds shots, 550-700 lbs.
- 17 blk str, 2 rds shots, long weaned, 650-775 lbs.

### SPECIAL STOCK COW AND BRED HEIFER SALE WED., FEB. 17 • STARTING 11:00 AM

- BRED 1ST CALF HEIFERS**
- 14 first calf Mill Creek Genetics Herf hfrs, bred Mill Creek Blk Angus bulls to start calving March 1.
  - 31 choice Montana origin bwf 1st calf hfrs bred to LBW Angus bulls to start calving Mar. 1. All Fall shots including a 1 shot Scourguard.
  - 14 big fancy blk 1st calf hfrs, bred Balancer for Mar. 1 calving.
  - 14 blk Angus Northern origin 1st calf OCV hfrs, bred Harms Plainview Ranch LBW Blk Angus bull to start calving Mar. 1 for 45 day calving period. Up to date on shots, poured Cydectin, Stay Bred shot given.
- 1ST CALF HEIFER PAIRS**
- 22 Angus & Simm Angus 1st calf OCV hfrs w/ Angus sired Dec.-Feb. calves by side. Hfrs on full vacc program, calves Enforce 3 & bulls banded.
  - 7 gentle Red Angus & blk Angus 1st calf OCV hfrs w/ 30 day Red & blk Angus calves by side. Hfrs & calves all had shots.
  - 10 choice Red Angus Fall calving 1st calf hfrs with big Red Angus sired Sept.-Oct. calves by side, bred back to Blk or Red Angus bull since Nov 25. Hfrs & calves all worked.
  - 10 blk Fall calving 1st calf hfrs with big Sept.-Oct. Angus sired calves by side, hfrs running back with Blk or Red Angus bulls since Nov 25. Hfrs & calves all worked.
  - 5 Char cross Fall calving 1st calf hfrs with big Sept.-Oct. Angus sired calves by side, hfrs running back with Blk or Red Angus bulls since Nov 25. Hfrs & calves all worked.
  - 10 choice Red Angus & Blk Angus 1st calf hfrs with Red & Blk 60 day old calves by side. Hfrs & calves all worked.
- 2ND CALF HEIFER PAIRS**
- 2 gentle Red Angus & blk Angus 2nd calf OCV hfrs w/ 45 day Red & blk Angus calves by side. Hfrs & calves all had shots.
- BRED COWS**
- 20 Angus cross cows SS bred Balancer bulls for Mar.-April calving.
  - 9 Red Angus cows, 5 yrs, bred to registered Red Angus Son of Redemption to start calving Mar. 10, ScourBos booster 12/22/20, Synathic & Vetrimec wormer October 2020.
  - 11 blk Angus Montana origin cows, 3-6 yrs, bred Angus bulls to start calving March 1, all shots and poured.
  - 34 blk & Red cows, 8 yrs to BM, bred 4-7 mo.
  - 35 blk & Red Angus cows, 4-7 yrs, bred Dale Banks Blk Angus & Mushrush Red Angus bulls to start calving April 1.
  - 40 blk & Red Angus cows, 4-6 yrs, bred Blk & Red Angus for Fall calving.
  - 22 blk BWF cows, 5 yrs to older, bred Angus & Simm Angus bulls for April-May calving.
- BULLS**
- 2 March Polled Hereford calving ease bulls, 2 yrs old, 1/2 brothers.

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### EARLY CONSIGNMENTS FOR FEB. 19

- 35 bwf, few Herf, str & hfrs, 2 rds shots, long weaned, 500-700 lbs.
- 50 choice Angus sired str, few hfrs, weaned, 2 rds shots, 600-800 lbs.
- 90 mostly blk str & hfrs, 1 rd shots, 600-750 lbs.
- 57 choice reputation blk str & hfrs, 3 rds shots, wormed, long weaned, 625-800 lbs.

### Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM

2021: Feb. 17 • Mar. 17 • Apr. 14 • May 5

VISIT US ON THE WEB FOR DAILY CONSIGNMENT UPDATES AT [WWW.MCLIVESTOCK.COM](http://WWW.MCLIVESTOCK.COM)

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# MiCrop™ Fungicide powered by F Value™ Technology to launch this spring

MiCrop™ Fungicide Powered by F Value™ Technology will be launched across the United States this spring, targeting corn, soybeans, cereals and rice. MiCrop™ fungicide is an optimized formulation developed specifically for azoxystrobin and propiconazole that delivers enhanced performance and value.

Albaugh's MiCrop fungicide is powered by F Value Technology, which helps deliver micronized active ingredients to help enhance uptake, targeting

disease control and leading to healthier plants to help maximize fungicide return on investment. "Over the past two years, Albaugh has launched a MiCrop fungicide 'Seeing is Believing' campaign, allowing our channel partners to put MiCrop fungicide to the test in commercial field applications. Their results have been excellent," says Chad W. Shelton, Albaugh's Global Director of Innovation Technology. "Allowing our customers and the growers they serve to see the results and impact of Mi-

Crop fungicide firsthand has been an excellent development process." The market has proven both the performance and the value of MiCrop fungicide. Over the past two years, ag retailers and their growers have conducted more than 89 MiCrop fungicide commercial field splits. In these field trials, MiCrop increased cereal yields by 5.9 bushels/acre versus conventional fungicides, enhanced corn yields by 7.9 bushels/acre versus competitive fungicides and untreated checks, and

produced an average increase of 4.3 bushels/acre in soybean yields when compared to competitive fungicides or untreated checks.

"Our focus with the F Value Technology platform is to enhance the performance and value of world-class active ingredients. MiCrop fungicide is a perfect example of that focus," explains Mark Helt, Albaugh's North America Commercial Director. "F Value Technology is Albaugh's innovation platform that allows a strategic focus on identifying technologies around the globe that can be used

in formulation development, that together can enhance the performance of individual fungicide active ingredients."

"MiCrop fungicide represents a unique technology that our channel partners can deliver to their customer base that adds value and enhanced performance on two proven but older active ingredients," adds Andy Bogue, Albaugh's U.S. Director of Sales. "Propiconazole and Azoxystrobin are 40 years and 25 years old, respectively, and MiCrop fungicide is delivering true innovation to give these two-fungicide active ingredients new life in the market."

MiCrop™ Fungicide Powered by F Value™ Technology delivers Innovation, Proven Performance and Enhanced Fungicide Return on Investment and will be available from Albaugh's distribution partners and ag retailers this spring.



Schilling Area 51 won Kansas reserve grand champion bred-and-owned bull at the 2021 Kansas Angus Futurity Junior Show, Jan. 31 in Hutchinson. Kaelyn Schilling, Edson, owns the April 2020 son of Schilling's R&L Confidential. He earlier claimed reserve calf champion. Greg Walthall, Windsor, Mo., evaluated the 97 entries.

Photo by Jeff Mafi, American Angus Association



**19<sup>TH</sup> ANNUAL SALE**  
SUNDAY, MARCH 7, 2021 • 1 PM CST  
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# Sen. Moran urging President Biden to keep Trump WOTUS rule

U.S. Sen. Jerry Moran (R-Kan.) joined a group of Senators in introducing a resolution to express support for the Navigable Waters Protection Rule – the Trump administration’s replacement for the Obama-era Waters of the United States (WOTUS) rule.

“Repealing the Trump administration’s Navigable Waters Protection Rule will reinstate burdensome regulations on Kansas farmers, ranchers and small businesses,” said Moran. “This common-sense rule promotes

clean water for our communities and families, while respecting private property rights and providing certainty for landowners. We’ve already seen the damage and confusion caused by the Obama-era WOTUS rule, and returning to that standard is unacceptable.”

In 2015, the Obama administration finalized a rule that expanded the definition of the Waters of the United States, creating confusion and burdensome red tape for the agriculture industry and many others. Moran cosponsored

legislation in September 2015 that would have nullified the Obama administration’s rule. After passing both the House and Senate — with bipartisan support — the bill was vetoed by President Obama.

The Trump administration proposed a new rule to replace the Obama administration’s 2015 WOTUS rule that provided much-needed predictability and certainty for farmers by establishing clear and reasonable definitions of what qualifies as a “water of the United States.” The new Nav-

igable Waters Protection Rule was finalized last year.

President Biden signed an executive order that would roll back the Trump administration’s executive order which originally began the process of rescinding Obama’s WOTUS rule.

Sen. Moran joined 25 of his colleagues on this resolution, including Senators Joni Ernst (R-Iowa), Chuck Grassley (R-Iowa), Deb Fischer (R-Neb.), Ben Sasse (R-Neb.), Roger

Marshall (R-Kan.), Shelley Moore Capito (R-W.Va.), Kevin Cramer (R-N.D.), John Hoeven (R-N.D.), Mike Rounds (R-S.D.), James Risch (R-Idaho), John Barasso (R-Wyo.), Cynthia Lummis (R-Wyo.), Steve Daines (R-Mont.), Dan Sullivan (R-Alaska), Josh Hawley (R-Mo.), Roy Blunt (R-Mo.), Thom Tillis (R-N.C.), John Boozman (R-Ark.), Tom Cotton (R-Ark.), Cindy Hyde-Smith (R-Miss.), Roger Wicker (R-Miss.), Rand Paul (R-Ky.), Mike Crapo (R-Idaho),

Mike Braun (R-Ind.), and Ron Johnson (R-Wis.).



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**2/3/21 SALE RESULTS**

<b>COWS &amp; HEIFERETTES</b>	Burdick, 1 Red	1150@56.50	Marion, 19 blk	868@129.00
Marion, 1 Red	1485@68.00	Marion, 1 blk	1290@56.00	893@127.75
Marion, 5 blk	1960@63.50	Herington, 1 blk	1105@55.25	872@127.60
Hope, 1 blk	1205@63.00	Marion, 1 blk	1010@55.00	911@125.60
Marion, 1 blk	1390@62.50	Cedar Point, 1 blk	1155@55.00	917@125.00
Cncl Grve, 1 blk	1415@62.00	Marion, 1 blk	960@54.50	997@124.50
Tampa, 1 blk	1585@61.50	Marion, 1 blk	1345@54.50	900@123.50
Lncnlvle, 2 blk	1665@61.50	Marion, 1 blk	1450@52.50	946@121.50
Cncl Grve, 1 blk	1335@61.00	Lncnlvle, 1 Red	1085@52.50	Jnctn City, 10 mix
Lehigh, 3 blk	1383@60.50			1025@121.00
Cncl Grve, 1 blk	1445@60.50	<b>BULLS</b>	Marion, 1 blk	1625@84.00
Cncl Grve, 1 blk	1370@60.50	<b>STEERS</b>	Lncnlvle, 17 mix	655@144.50
Marion, 2 mix	1500@60.50	White City, 10 blk	707@136.75	674@127.50
Cncl Grve, 1 blk	1415@60.00	White City, 34 blk	812@133.00	753@124.00
Cncl Grve, 1 blk	1500@59.50	Marion, 4 blk	728@132.50	693@122.50
Tampa, 4 blk	1401@59.00	Lncnlvle, 16 mix	1086@132.10	763@120.25
Cncl Grve, 1 blk	1660@59.00	Lncnlvle, 7 Red	791@132.00	905@116.75
Cncl Grve, 1 blk	1340@58.50	Hope, 3 blk	690@131.50	892@115.00
Cncl Grve, 1 blk	1225@58.00	Herington, 6 blk	736@129.75	1053@108.00
Burdick, 1 Red	1410@57.50	Ramona, 60 mix	865@129.00	
Hillsboro, 2 blk	1695@57.25			

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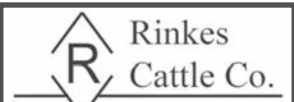
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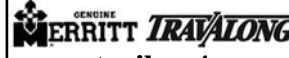
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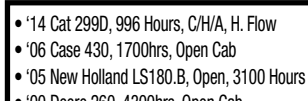
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New Bale Spears for big rnds



# Silver Lake bank promotes Cole Sjeklocha to assistant vice president, loan officer



Patrick Gideon, president of Silver Lake Bank, is pleased to announce the recent promotion of Cole Sjeklocha to assistant vice president, loan officer.

Cole joined Silver Lake Bank as an intern in 2015 and continued to work for the bank as a Credit Analyst on a part-time basis until his graduation from Kansas State University in 2016. Upon completing his Finance degree, Cole transitioned into a Loan Officer role for SLB.

Cole grew up in rural Sublette where he learned about the importance of community involvement. As he has begun to plant his roots in Shawnee County, Cole has become involved in his community through his involvement at Fellowship Bible Church, being on the board of the Silver Lake Education Foundation, and involvement with the Kansas Livestock Association. Cole also leaves the office a few weeks out of the year to help with wheat, corn, and bean harvest on his wife's family farm near Dodge City.

Cole enjoys working with agricultural and small business customers and is always willing to help with projects in his community. He has enjoyed building new relationships in NE

Kansas and looks forward to building more in the future. Cole's office is in Silver Lake Bank on Highway 24 in Silver Lake, Ks.

Silver Lake Bank is a family-owned Kansas community bank founded in 1909 with five branches located within northeast Kansas. The main branch "Jayhawk" is in the capital city of Topeka. Customer service is a priority at Silver Lake Bank. Every staff

member pledges to earn your business each and every day, make banking easy for you and do the right thing with integrity and professionalism. Our staff can make decisions, are accessible and eager to help your business grow. Whether by phone, email, or in person, we work to go beyond your expectations. Contact Cole at 785-379-8176 or cesjeklocha@silverlakebank.com.



CDN Elsa 1959 won grand champion bred-and-owned female and Kansas grand champion bred-and-owned female at the 2021 Kansas Angus Futurity Junior Show, Jan. 31 in Hutchinson. Cohen Navinsky, Easton, owns the May 2019 daughter of May-Way Brilliance 736. She earlier won intermediate champion. Photo by Jeff Mafi, American Angus Association

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CASE 1470, 1370, 1270,  
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1568, 1466, 1256, 1066,  
1026, 806; FORD 4-5-6-8-  
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Applications can be picked up at Key Feeds, 105 4th St., Clay Center, KS 67432. For questions call Rod at 785-632-2141

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# K-State beef cattle expert cautions against cold stress

By Pat Melgares

A Kansas State University beef cattle specialist is urging the state's producers to continue monitoring their cattle's condition, especially during periods when Mother Nature sends her winter chill.

Justin Waggoner, a beef systems specialist with K-State Research and Extension, said producers are often ready to deal with heat stress during the summer, but cold stress during the latter stages of winter can also be challenging.

"Cattle are very robust creatures; they are able to withstand a wide range of temperatures," Waggoner said. "But January and February are often our most extreme temperatures in Kansas, and that can certainly have an impact on cattle."

Cattle are most comfortable when they are in what is known as the thermo-neutral zone, a range of temperatures where they are not experiencing cold or heat stress.

Waggoner said a cow's condition going into a cold period will affect how the animal can withstand stress.

"If we have a cow that is in good condition, she is going to be able to withstand colder temperatures better than a cow that is exceptionally thin," he said. "If we take a cow that is in good condition and has had adequate time to grow that winter hair coat, that animal can withstand some fairly cold temperatures. Typically, they won't experience cold stress until the ambient temperature (the 'real-feel' temperature) reaches 18 degrees Fahrenheit."

Rain, snow and wind complicate the situation, Waggoner added.

"When you wet that hair down, it reduces its ability to trap air and insulate the cow," he said. "With a wet coat, a cow can experience cold stress even at 60 degrees F."

Waggoner said cold stress increases the cow's energy requirement - not protein which is a common misconception.

"One thing we see producers do when we get a cold weather event is they roll out hay," Waggoner said. "What I recommend is utilizing hay that is slightly better quality than the forage those cattle currently are grazing. For example, if they had been turned out on milo or corn stalks, then a moderate quality grass hay will be higher quality than those stalks they were on."

Waggoner also suggested other high quality forages, such as alfalfa, may be used as a supplement.

"In some regions of the country, it's not uncommon for producers to use concentrates such as corn or byproducts as supplements during the winter. Producers might add one to two pounds of corn or byproduct feed-stuffs under conditions of a storm front, in combination with some of the other things I've mentioned."

For more guidelines on dealing with cold stress, producers are encouraged to contact their local K-State Research and Extension agent.

Daily updates on weather conditions - including an animal comfort index - is available online from the Kansas Mesonet. That site allows producers to find conditions specific to their location.

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# Meat and poultry workers' COVID-19 case rates 60 percent lower than general U.S. population

New analysis of independent data show that reported new COVID-19 infection rates among meat and poultry workers are 60% lower than in the general U.S. population and two-thirds lower than case rates in the sector in May 2020.

According to data from the Food and Environment Reporting Network

(FERN), the meat and poultry sector was reported to have an average of 32.64 new reported cases per 100,000 workers per day in January 2021, two-thirds lower than the average of 98.39 new reported cases per 100,000 workers per day in May 2020.

The *New York Times* reports that in January 2021, the average new case rate

for the U.S. population climbed to 78.59 cases per 100,000 people per day, more than 11 times higher than the new case rate in May.

Meat Institute president and CEO Julie Anna Potts commented:

"Meat and poultry workers are substantially less likely to be infected with COVID-19 than the

general population as a result of the comprehensive protections instituted since the spring of 2020, when the pandemic's impact on our sector peaked.

"Meat Institute members are fully committed to continuing these proven measures and

moving forward to vaccinate frontline meat and poultry workers as soon as possible and many can even assist in vaccine distribution for all Americans."

Since the Meat Institute and the United Food & Commercial Workers, America's largest food

workers union, jointly urged state governors to follow federal guidance and prioritize frontline meat and poultry workers for COVID-19 vaccination, employers have taken concrete steps to educate workers about vaccination and facilitate access to vaccines.

## Free online event centers on stocker cattle

Beginning stocker cattle operators can learn how to improve profits during a free online event Feb. 16 and 18 at 7 p.m.

University of Missouri Extension; the Missouri

Small Business Development Center for Agriculture, Food and Forestry; and the NRCS+MU Grasslands Project sponsor the two-night workshop.

"A properly managed

stocker cattle operation can be a very profitable cattle enterprise," says MU Extension livestock specialist Patrick Davis.

Topics covered at the Online Southwest Missouri MU Extension Beef Cattle Conference include:

Stocker cattle nutritional and health management.

Low-input heifer development system to produce profitable open feeder heifers.

Business management, COVID-19 considerations and economics of a stocker operation.

Participants will receive a link to the Zoom sessions. Register by Feb. 15 at <https://extension.missouri.edu/events/online-southwest-missouri-mu-extension-beef-cattle-conference>.

For more information, contact Davis at [davismp@missouri.edu](mailto:davismp@missouri.edu) or 417-955-0287.

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700-800#	\$142.00-\$128.00	\$90.00-\$65.00
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## UPCOMING SPECIAL ISSUES

**Soil Health – February 23<sup>rd</sup>**

**Sheep & Goat – March 9<sup>th</sup>**

**Salina Farm Show – March 16<sup>th</sup>**

**Bring on Spring – March 23<sup>rd</sup>**

### DEADLINES:

**Soil Health – Wed., Feb. 17<sup>th</sup>, before Noon**

**Sheep & Goat – Wed., March 3<sup>rd</sup>, before Noon**

**Salina Farm Show – Wed., March 10<sup>th</sup>, before Noon**

**Bring on Spring – Mon., March 15<sup>th</sup>, before Noon**

*To get more info on  
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# Kansas Hay Market Report

Hay market prices for the week ending January 30 were steady for all classes of hay, on limited test. Demand remains strong for alfalfa. According to U.S. Drought Monitor for the week of January 28th, moderate precipitation and/or heavy snow hit eastern Nebraska and Kansas. Abnormal dryness (D0) decreased to 14%, moderate drought (D1) increased to 32.5%, severe drought (D2) decreased to 7%, and extreme drought (D3) remained at 10%. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

## Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered steady; movement moderate. Alfalfa: horse, premium small squares 260.00-280.00. Dairy 1.00-1.05/point RFV, Supreme 185-237.00.00, Premium 170.00-195.00, Good 150.00-178.50. Stock or Dry Cow 165.00-175.00. Grinding alfalfa 160.00-175.00, with an instance at 180.00-190.00. Ground and delivered locally to feed lots and dairies, 175.00-185.00. Grass Hay: small squares none reported, large 4x4 squares 100.00-110.00, large rounds 70.00-80.00; Sudan: large round 85.00-90.00. Sorghum: large rounds 80.00-90.00; Corn Stalks: ground and delivered 70.00-75.00; Wheat straw, small squares 3.50-4.50/bale, large 3x4 squares 80.00-90.00. The week of 1/24-1/30, 8,775T of grinding alfalfa and 2,158T of dairy alfalfa was reported bought/sold.

## South Central Kansas

Dairy alfalfa, alfalfa pellets, grinding alfalfa, ground/delivered steady; movement moderate. Alfalfa: horse, small squares 255.00-275.00. Dairy, 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-178.00. Stock cow, 150.00-160.00. Fair/good grinding alfalfa 145.00-155.00 delivered with instances at 160.00

## Marketing group identifies four technologies changing the meat case

Midan Marketing has identified four technologies that it expects to create a more interactive meat case for consumers over the next five years: DNA traceability, processing automation, packaging innovations and e-commerce.

In a recent blog post, Managing Principal Michael Uetz said consumers have begun to expect a certain level of "interactivity" from the brands they buy. Midan cited recent survey data that showed 73% of consumers worldwide said traceability is important to them, and nearly all were willing to pay a premium for it.

"Today's consumers are used to having a world of information at their fingertips and want the same kind of access to information about their food," he said.

COVID-19 increased consumers' desire for vacuum-sealed meat because it could be sanitized easily as well as frozen. Additionally, the pandemic accelerated the adoption of e-commerce by several years, notably in refrigerated, frozen, breakfast and luncheon meats, IRI consultant Erkin Peksoz said in the blog. Midan said its

own research showed 34% of meat consumers plan

delivered. Ground and delivered 160.00-170.00. Alfalfa pellets: Sun cured 15 pct protein 190.00-210.00, 17 pct protein 200.00-210.00. Dehydrated 17 pct 305.00-310.00. Grass Hay: Bluestem, 3x4 and 4x4 squares 100.00-110.00, large rounds 60.00-90.00. Brome: large 4x4 squares 100.00-120.00, large rounds 95.00-100.00. Teff: large 3x4 squares 155.00-165.00, large rounds 120.00-130.00. Sudan: large rounds 80.00-85.00. Corn stalks: large squares, 65.00-75.00, large rounds 60.00. Wheat straw: large 4x4 squares, 65.00-75.00. The week of 1/24-1/30, 7,917T of grinding alfalfa and 200T of dairy alfalfa was reported bought/sold.

## Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady, grass hay steady; movement slow to moderate. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00-1.05/point RFV. Stock cow 150.00-160.00. Fair/Good grinding alfalfa, large rounds 135.00-145.00 delivered. Ground and delivered, none reported; Grass hay: Bluestem, small squares 120.00-125.00, good 3x3 squares 100.00-125.00, good, 3x4 squares 90.00-120.00, large 4x4 squares 100.00-110.00, large rounds 70.00-80.00. Brome, good, small squares none reported, 3x4 to 4x4 squares 95.00-125.00, large rounds 65.00-80.00. Wheat Straw: 3x4 and 4x4 squares 60.00-70.00. The week of 1/24-1/30, 1,698T of grass hay was reported bought/sold.

## Northwest Kansas

Dairy alfalfa, ground/delivered steady, grinding alfalfa steady; movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.00/point RFV. Stock cow, fair/good 145.00-155.00. Fair/good grinding alfalfa, 120.00-140.00. Ground and delivered locally to feedlots and dairies, none reported. Sudan, large rounds 60.00-70.00. Wheat straw, large squares none reported.

## North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares, 9.00-10.00/bale. Dairy 1.00-1.05/point RFV, Supreme 185-237.00.00, Premium 170.00-195.00, Good 150.00-178.50. Stock Cow, 150.00-160.00. Fair/good, grinding alfalfa, 120.00-130.00. Ground and delivered 140.00-

to use online shopping as their primary meat purchasing method once the pandemic has ended.

## BJS SEASONAL ONLINE AUCTION \* Lyons, KS

Betty of BJ's is selling some of her store merchandise to make way for "new" merchandise. Personal household property, Collectibles, Furniture, Plumbing Parts, Misc

**Bidding Opens Thursday, February 11, 8 AM**

**Bidding Soft Closes Wednesday, February 17, 8:00 PM**

**Pickup by Appointment Only: Friday, February 19 • 1:00-7:00 p.m.**

**Auction & BIDDING Information available at:**  
<https://hollingerauction.hibid.com/auctions/current>

**HOLLINGER ONLINE AUCTIONS, Lyons, KS — Jim & Mary 620-257-8148**

## INVITATION TO BID

**Scott Wilkens is accepting sealed bids on the following Washington County real estate:**  
An approximately 10-acre tract in the Northeast Corner of the Northeast Quarter (NE/4) of Section 32, Township 3 South, Range 2 East, Washington County, Kansas, commonly known as 894 13th Road Linn, Kansas 66953. Connected to Rural Water and has a large concrete slab to build on.



To view the interior buildings please contact Galloway, Wieggers & Brinegar to schedule an appointment. Bids sheets can be obtained by contacting Galloway, Wieggers & Brinegar or by visiting the website: [sealedbidauction.net](http://sealedbidauction.net)

Bids must be received by **12:00 P.M. February 19, 2021**. Seller reserves the right to accept any bid, reject all bids or invite certain bidders to a subsequent private auction.



**GALLOWAY, WIEGERS & BRINEGAR, P.A.**  
ATTORNEYS AT LAW

520 Main Street  
Seneca, KS 66538  
785-336-0021  
[jason@gwblaw.net](mailto:jason@gwblaw.net)  
[gwblaw.net](http://gwblaw.net)

1114 Broadway  
P.O. Box 468  
Marysville, KS 66508  
785-562-2375  
Fax: 785-562-5348

150.00. Grass hay: Bluestem, small squares 5.50-6.50/bale, 3x4 to 4x4 squares 100.00-105.00, large rounds 60.00-90.00. Brome, small squares 6.50-7.50/bale, 3x4 to 4x4 squares 110.00-120.00, large rounds 75.00-85.00; Sudan, large rounds, 60.00-65.00. Wheat Straw: small squares 5.00-6.00/bale, large 4x4 squares 75.00-85.00, 100.00-110.00 delivered, large rounds 65.00-75.00. The week of 1/24-1/30, 2,618T of grinding alfalfa and 100T of dairy alfalfa was reported bought/sold.

\*Posted by Kim Nettleton, Kansas Department of Agriculture

\*\*Prices are per ton and FOB unless otherwise noted

## FARM AUCTION

**SATURDAY, MARCH 6, 2021 — 10:00 AM**

We will sell the following items at Public Auction at the farm located from Abilene, KS 8 miles south on Hwy. 15 to Rural Center School, then 3 miles west on 1400 Ave. to Eden Rd., then 3 south & 3/4 west to 523 1100 Avenue, or from Elmo, KS, 5 miles north on Hwy. 15 & 3 & 3/4 mile west on 1100 Ave.

(In the event of bad weather the sale will be held Friday, March, 12)

**COMBINE, TRACTORS, BI-DIRECTIONAL LOADER & SKID STEER (sell around 2:00):** 1995 Gleaner R72 RW assist combine, Cummins water cooled engine, hydro, straw chopper, 2,809 sep hrs, 3967 engine hrs., through shop every year, slick machine; **Gleaner #800 25' flex head w/trailer;** **Gleaner #700 30' rigid head w/trailer;** **1990 Ford 946 4WD tractor,** 4 SVCs, 70% 20.8R 42 duals all around, 9,100 hours, ser.# 517843, nice condition; **1993 Ford bi-directional loader** with 8' bucket, pallet fork & bale spear, 8,000 hours; **1976 John Deere 4230,** 8 speed PS, 2 SVCs, new rubber, 480/80R 38 rears, approx. 6,200 total hours, ser.# 035344R, nice; **Allis Chalmers D19** gas tractor; **Allis Chalmers D15** gas tractor, restored; **Allis Chalmers WD45 tractor;** **Ford 9N tractor w/fenders,** 12V, new rubber, good paint; **Bobcat 773 Advantage Series skid steer** with 5.5' smooth bucket and attachable teeth, 1,240 hours, slick; **hydraulic post hole digger w/12" & 2 smaller bits,** like new. **TWIN SCREWS, SINGLE AXLES & PICKUP TRUCKS, TRAILERS, SIDE BY SIDE (sell around 1:00):** **1999 Ford Sterling twin screw grain truck** with Cummins, 9 speed, 22' bed & hoist, 52' sides, new rollover tarp, sweet; **1997 Ford LN 9000 twin screw grain truck** with Caterpillar engine, 13 speed, 20' bed & hoist, new rollover tarp, tight; **1977 Ford LN 9000 twin screw grain truck,** Detroit diesel, 5x4 tranny, 22' bed & hoist, new rollover tarp; **1975 Ford LN 750 grain truck,** 5x2, w/16' bed & hoist; **1974 Ford LN 750 grain truck,** 350 engine, 5x2, 16' bed & hoist; **1970 Ford LN 700 grain truck,** 330 engine, 5x2, 16' bed & hoist; **2004 Ford F250 4x4 diesel automatic 4 door pickup,** silver, 180K, nice; **PJ 20' bumper hitch flatbed dovetail trailer,** fold up ramps, bought at end of 2020, like new; **PJ 24' gooseneck flatbed trailer w/ramps;** **Yamaha Rhino 450 4x4,** good shape. **All trucks are mechanically good.**

**FARM MACHINERY (sells around noon):** 2011 Great Plains 40' 3 section folding grain drill, dry fertilizer, heavy duty, 7,723 acres, GPYY2241, 3S4000 HD 6375, nice; **2012 Great Plains 48' field cultivator,** floating hitch, walking tandems on center & wings, 5 row spike tooth leveler, good shovels, field ready; **2004 Sunflower 1434 30' disk,** walking tandems on center & wings, discs were sharpened last year, 21.75 in front & 22.50 in back, field ready; **1997 Glenco 17 shank Soil Saver;** 2003 Land Pride 15' pull type batwing mower; **IH #700 8 bottom on land plow;** Demco 650 bu. grain cart, PTO or hydraulic, 30.5x32 rubber, bought new by the Lehmans; **Flow EZ gravity box & gear w/hyd. auger,** new flotation tires & bearings; **Bradford gravity wagon w/extensions;** **drill fill auger;** **Ford rotary mower;** **bale fork;** **rear blade**

**TOOLS & FARM RELATED ITEMS (sell around 11:00):** Acetylene torch; (2) battery operated grease guns; **Kobalt battery driven tool set,** less than a year old; **Dewalt battery set;** power washer; space heater; 3/4 socket set; **Homelite chain saws;** 1T chain hoist; log chains; **Handyman jack;** scoops & pitch fork; **old Forney welder;** tap & dies; tri plex; large variety of tools and shop supplies; **Jetco PTO wire winder;** 140 electric fence posts; tin & lumber; various other farm related items.

**ANTIQUES, COLLECTIBLES & MISC (sell first-10:00):** Anvil; horse drawn & pioneer antiques; 5 cast iron implement seats, 3 on harness hame stands; lightning rods; industrial table base; platform scale; post vises; steel implement wheels; old wrenches; pocket knives, some are old; **Abilene Rodeo & Hesston belt buckle collection;** fishing poles; lots of other primitives.

**FURNITURE & HOUSEHOLD GOODS (after antiques/before noon; may run 2 rings here):** Maytag washer; **Roper dryer;** narrow lighted china cabinet; sofa; rocking twin sofa; 4 black retro chrome dining chairs; kitchen table & chairs; patio table & chairs; A variety of items from the house yet to be determined.

**NOTE:** This is a very nice line of machinery, well cared for and always shedded. Loader tractor available. 30 days for removal. Your inspection invited prior to sale. Announcements made sale day to take precedence. May run 2 rings late morning if needed. Please WEAR MASKS and PRACTICE SOCIAL DISTANCING. Sellers and auction workers not responsible for accidents or health problems. LUNCH: New Basil Church Ladies.

**TERMS:** Cash or good check day of sale. Not responsible for accidents. **CLERK:** Shirley Riek, 526 Frederick, Clay Center, KS 67432.

**PAUL LEHMAN & DOROTHY LEHMAN TRUST, SELLER**

For questions regarding the items to be sold please call Paul Lehman at (785) 479-6262

Go to [kretzauctions.com](http://kretzauctions.com) at Global Auction Guide or [kansasauctions.net/kretz](http://kansasauctions.net/kretz) for full listing, picture & more info

Auction conducted by: **Kretz Auction Service**  
**Greg Kretz, Salesman & Auctioneer:** (785) 630-0701  
**Guest Auctioneer: Randy Reynolds (785) 263-5627**

## Laflin ANGUS RANCH

**ANNUAL ANGUS PRODUCTION SALE**  
**SATURDAY, MARCH 6th, 2021**  
**HIGH NOON • OLSBURG, KS**

**This is the most explosive set of bulls and females to ever be offered at Laflin Ranch!**

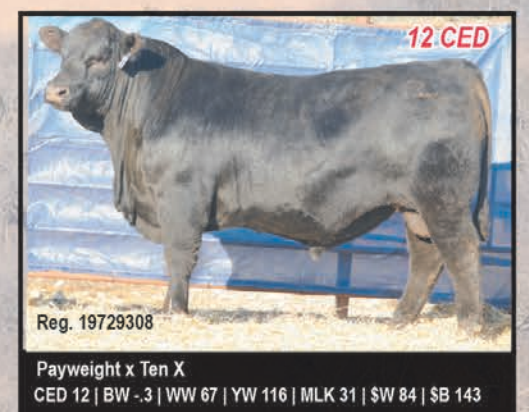
Selling 100 Herd Bulls, 50 Fancy Females, 7 Big Time Junior Show Heifer Prospects, Halter Broke and Ready to Go! Fall Pairs, Bred Heifers, Bred Cows, Donor Prospects and Embryos.

**ALL BULLS SOLD ARE RANGE READY, FEED EFFICIENT AND READY TO GO TO WORK FOR YOU!**  
**SIGHT UNSEEN BUYS GUARANTEED**  
**FREE DELIVERY**  
**MANY SIRE GROUPS AVAILABLE**

R.D.785-587-5852  
Barb 785-468-3529

Look for Sale Videos and Sale Book online at [www.LAFLINRANCH.com](http://www.LAFLINRANCH.com)

*Celebrating 121 years of Angus Heritage*





# USDA extends General Signup for Conservation Reserve Program

The U.S. Department of Agriculture (USDA) is extending the Conservation Reserve Program (CRP) General Signup period, which had previously been announced as ending on Feb. 12, 2021. USDA will continue to accept offers as it takes this opportunity for the incoming Administration to evaluate ways to increase enrollment. Under the previous

administration, incentives and rental payment rates were reduced resulting in an enrollment shortfall of over four million acres. The program, administered by USDA's Farm Service Agency (FSA), provides annual rental payments for ten to 15 years for land devoted to conservation purposes, as well as other types of payments. Before the General

CRP signup period ends, producers will have the opportunity to adjust or resubmit their offers to take advantage of planned improvements to the program.

"The Conservation Reserve Program provides a tremendous opportunity to address climate change both by retiring marginal cropland and by restoring grasslands, wetlands, and forests," said Robert Bonnie, deputy chief of staff, Office of the Secretary. "CRP has a 35-year track record of success beyond just climate benefits, by providing income to producers, improving water

quality, reducing erosion, and supporting wildlife habitat and the hunting and fishing opportunities that go along with it. By extending this signup period, we'll have time to evaluate and implement changes to get this neglected program back on track."

As one of the largest private-lands conservation programs in the United States, CRP provides both economic and conservation benefits by taking land out of agricultural production. Program successes include:

Sequestering in soils and plants over 12 million metric tons of carbon di-

oxide equivalent (CO<sub>2</sub>e), or about the same amount that the entire state of Delaware emits annually.

Preventing more than two billion tons of soil from being blown away by wind erosion over the life of currently enrolled acres.

Reducing phosphorus reaching streams by almost 85 million pounds, nitrogen by nearly 450 million pounds, and sediment by over 160 million tons in 2020 alone.

Creating more than 2.3 million acres of restored wetlands while protecting more than 177,000 stream miles with riparian forest and grass buffers, enough to go around the world seven times.

Establishing over a half million acres of dedicated pollinator habitat and nearly 15 million more acres of diverse plantings that provide forage for pollinators.

Increasing populations of ducks and other game birds, prairie chickens, and such grassland songbirds as Baird's Sparrow.

CRP in the Northern Great Plains supports an estimated 8.6% of the grassland bird population.

Increasing habitat that supports economic opportunities, such as job creation, related to hunting and fishing activities.

This signup for CRP gives producers an opportunity to enroll land for the first time or re-enroll land under existing contracts that will be expiring Sept. 30, 2021. All interested producers, including those on Indian reservations and with trust lands, are encouraged to contact their local USDA Service Center for more information.

All USDA Service Centers are open for business, including those that restrict in-person visits or require appointments. All Service Center visitors wishing to conduct business with FSA, Natural Resources Conservation Service, or any other Service Center agency should call ahead and schedule an appointment. Service Centers that are open for appointments will pre-screen visitors based on health concerns or recent travel, and visitors must adhere to social distancing guidelines. Visitors are also required to wear a face covering during their appointment. Our program delivery staff will continue to work with our producers by phone, email, and using online tools. More information can be found at farmers.gov/coronavirus.

**Trust... the most important selection tool!**  
**March 19, 2021**

- 200 Red Angus Bulls
- 50 Fall Calving Commercial Red Angus Bred Heifers
- 50 Open Yearling Commercial Red Angus Heifers

**MUSHRUSH RANCHES**  
 Strong City, KS  
 620.340.7461 (Joe)  
 620.340.9774 (Daniel)  
 MushrushRanches.com

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**Planter Parts**  
 Blades • Boots • Mud Wheels • Seed Tubes  
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Gauge Wheel Assemblies for John Deere®, Kinze® and White®

3" x 16" #AMX55041  
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**800-255-0337** **AbileneMachine.com**

**LYONS RANCH**  
 33rd Annual ANGUS BULL SALE  
 Monday, March 1st  
 Manhattan, KS  
 120 18 month old bulls

Sons of Ashland, Bronco, Manhattan, Playbook and more  
 GE-EPDs-Ready to work

Call 785-499-2944 or WWW.LYONS-RANCH.COM

**REAL ESTATE AUCTION**  
 176.27 acres m/l of Pottawatomie County, KS Grassland

**SATURDAY, MARCH 6, 2021 - 3:00 PM**  
 Auction Location: St. Columbkille Church Hall, BLAINE, KANSAS

**PROPERTY LOCATION:** 2 miles South of the Hwy. 16 & Hwy. 99 Jct. at Blaine, KS on Hwy. 99 to Huff Rd., then 1 mile West to Rock Creek Rd. The pasture is on the Southwest corner.

**LEGAL DESCRIPTION:** A tract of land located in the Northeast Quarter, in the East Half of the Southeast Quarter and a small portion of the Northwest Quarter all in Section 8, Township 7 South Range 9 East of the Sixth PM, Pottawatomie County, KS. This property consists of 176.27 acres m/l of mostly clean Native Grass Pasture with approximately 25 acres of brome grass for pasture or hay and 2 smaller wooded areas for wildlife habitat. This property has 3 ponds and a very good pipe corral. This property has building site potential with a scenic view, electric service across the road and a rural water line (no meter). Fences are in fair to good condition. **Come Take a Look at this property!**

For more info or viewing please call John E. Cline - 785-532-8381 or check website: [www.clinerealtyandauction.com](http://www.clinerealtyandauction.com)

**TERMS:** The seller requires 10% down day of sale with the balance to be due on or before April 6, 2021. Possession to be upon closing. Buyer and Seller to equally split the title insurance and closing costs. **Cline Realty & Auction, LLC represents the Sellers' interests.** Sale subject to seller's confirmation. Statements made sale day take precedence over printed material.

**SELLER: DONALD E. McLAUGHLIN ESTATE**  
 Auction Conducted By: **CLINE REALTY & AUCTION, LLC**  
 Onaga, KS: 785-889-4775  
 John E. Cline, Broker/Auctioneer: 785-532-8381  
 Website: [www.clinerealtyandauction.com](http://www.clinerealtyandauction.com)

**KEY FEEDS CATTLE MINERAL SALE:**  
 Feb. 1 - May 15, buy 20 bags and get 1 bag free!

Order by May 15 and ship by May 28 for free bag special

Key Feeds will custom mix your cattle mineral the way you want.  
 Choose any of the following additives:  
 Chlortetracycline • Zinpro Availa 4 chelated trace minerals • MOS  
 3 choices of fly control: Altosid, Justify or Rabon.  
 Cinnagar • Bovatec or Rumensin  
 One ton minimum order for bags delivered or  
 2 tons minimum order for bulk delivered.

**Fourth & Pomeroy Associates, Inc.**  
**FEED KEY FEEDS**  
 Joseph Ebert, VP

**CALL KEY FEEDS TODAY**  
**1-800-432-7423 OFFICE**  
 Clay Center, Kansas 67432  
 Byron Thoreson • 785-630-0161  
 Rod Bohn, GM • 785-630-0846

**MINNEAPOLIS LOCATION:** James Carr • 785-630-0491  
**TIPTON LOCATION:** Tim Wiles • 785-630-1049

**JC LIVESTOCK SALES INC.**  
 Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from February 3, 2021

	STEERS	HEIFERS	TOP BUTCHER COW:	TOP BUTCHER BULL:
3	463	179.00	36	573
9	471	175.00	6	588
3	548	170.00	10	631
8	632	158.00	19	646
67	787	138.00	71	753
9	794	135.50	25	752
13	803	134.50	4	830
60	843	132.75	2	878
60	898	128.75		

**SPECIAL 55TH ANNIVERSARY SALE**  
**WED., FEB. 10 • SPECIAL TIME 11 A.M.**  
**STRS & HFRS:** 30 Blk X 375-500 lbs. • 80 Ang X 700-850 lbs. • 80 Ang X 600-800 lbs. • 90 Ang X 600-800 lbs. • 100 Blk X 700-800 lbs. • 30 Blk X 800-900 lbs. • 130 Ang X 600-750 lbs. • 60 Ang X 650-850 lbs. • 60 Blk X 600-800 lbs. • 26 Ang X 550-650 lbs. • 70 Ang X 600-800 lbs. • 20 Ang X 800-900 lbs. • 35 Ang X 600-750 lbs. • 25 Blk X 500-600 lbs. • 25 Ang X 800-900 lbs. • 30 Blk X 650-800 lbs. • 65 Red Ang X 650-800 lbs. • 24 Wf 600-750 lbs. • 120 Ang X 675-875 lbs. • 73 Ang X 600-800 lbs. • 80 Red X 700-850 lbs. • 120 Blk X 775-875 lbs. • 65 Red Ang X 650-875 lbs. • 20 Ang X 650-800 lbs. • 65 Ang X 650-800 lbs. • 100 Blk X 550-700 lbs. • 46 Wf 700-850 lbs. • 55 Wf 600-775 lbs. • 35 Bwf X 550-650 lbs. • 80 Ang X 600-800 lbs. • 80 Ang X 650-825 lbs. • 65 Ang X 600-800 lbs. • 60 Mix 450-600 lbs. • 10 Blk X 600-750 lbs. **STRS ONLY:** 49 Blk X 775-850 lbs. • 70 Bwf, Wf 650-850 lbs. • 63 Blk X 825-875 lbs. • 80 Red X 800-950 lbs. • 120 Blk X Red 750-900 lbs. • 43 Ang X 850-950 lbs. **HFRS ONLY:** 50 Blk X 600-750 lbs. • 45 Ang X 675-725 lbs.

**PLUS MORE BY SALE DAY!**

Watch online with [cattleusa.com](http://cattleusa.com) (Tab J.C. Livestock Sales)  
 Must register to bid.

If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

**CLAY CENTER LIVESTOCK SALES INC.**  
 Cattle sales Tuesday, 11:00 AM.

Report from February 2, 2021

	STEERS	HEIFERS	TOP BUTCHER COW:	TOP BUTCHER BULL:	BRED COWS:
7	414	192.00	8	458	800-995
13	503	186.00	7	510	
8	566	174.00	15	568	
7	588	164.50	6	652	
20	633	159.00	5	667	
4	655	155.00	4	755	
25	671	151.00	16	737	
21	725	137.75	11	846	
20	770	136.50			
21	791	135.60			
15	827	134.25			
15	856	134.00			
9	902	130.25			
14	918	126.75			
8	364	161.00			

**Be sure to check out our Facebook page for the latest consignments.**

**JUNCTION CITY, KANSAS • Barn Phone 785-238-1471**  
 Seth Lauer 785-949-2285, Abilene

**Clay Center, Ks • Barn Phone 785-632-5566**  
 Clay Center Field Representatives:  
 Tom Koch, 785-243-5124  
 Lance Lagasse, 785-262-1185

**KARL LANGVARDT** Cell: 785-499-2945  
**MITCH LANGVARDT** Cell: 785-761-5814  
**LYNN LANGVARDT** Cell: 785-761-5813

**EMPORIA LIVESTOCK SALE CO.**  
 Bonded & Insured

SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM  
 620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 2/3/21. Total Head Count: 1,815.  
 COWS: \$46-\$67.00. BULLS: \$84-\$92.00.

BULLCALVES		HEIFERS	
4 mix.....	353@195.00	4 mix.....	363@162.00
8 blk.....	358@161.00	4 blk.....	519@144.00
8 blk.....	519@144.00	4 blk.....	563@143.50
7 mix.....	539@139.00	7 mix.....	539@139.00
5 blk.....	596@136.00	5 blk.....	596@136.00
9 blk.....	594@135.00	9 blk.....	594@135.00
6 blk.....	643@131.50	6 blk.....	643@131.50
4 blk.....	630@130.25	4 blk.....	656@127.50
4 blk.....	656@127.50	7 wf.....	687@127.25
7 wf.....	687@127.25	7 mix.....	656@126.50
7 mix.....	676@126.50	8 mix.....	676@126.50
8 mix.....	676@126.50	4 mix.....	621@122.00
4 mix.....	621@122.00	6 blk.....	717@135.50
6 blk.....	717@135.50	22 blk.....	730@133.50
22 blk.....	730@133.50	38 blk.....	700@133.00
38 blk.....	700@133.00	26 mix.....	792@126.10
26 mix.....	792@126.10	16 mix.....	724@126.00
16 mix.....	724@126.00	23 blk.....	788@125.85
49 bkbwf.....	768@125.85	7 blk.....	754@125.75
7 blk.....	754@125.75	32 mix.....	855@131.50
32 mix.....	855@131.50	15 mix.....	800@131.00
15 mix.....	800@131.00	12 mix.....	818@131.00
12 mix.....	818@131.00	26 mix.....	818@131.00
26 mix.....	818@131.00	24 mix.....	810@133.50
24 mix.....	810@133.50	23 blk.....	808@132.50
23 blk.....	808@132.50	56 blk.....	863@132.50
56 blk.....	863@132.50	12 mix.....	855@131.50
12 mix.....	855@131.50	15 mix.....	800@131.00
15 mix.....	800@131.00	12 mix.....	818@131.00
12 mix.....	818@131.00	26 mix.....	835@130.25
26 mix.....	835@130.25	46 blk.....	839@130.00
46 blk.....	839@130.00	26 mix.....	848@130.00
26 mix.....	848@130.00	10 mix.....	848@130.00
10 mix.....	848@130.00	123 blk.....	864@130.00
123 blk.....	864@130.00	6 bkbwf.....	862@129.50
6 bkbwf.....	862@129.50	13 blk.....	856@129.00
13 blk.....	856@129.00	32 blk.....	882@128.75
32 blk.....	882@128.75	15 mix.....	815@127.25
15 mix.....	815@127.25	31 bkbwf.....	910@127.75
31 bkbwf.....	910@127.75	15 mix.....	917@127.00
15 mix.....	917@127.00	14 blk.....	943@126.75
14 blk.....	943@126.75	12 wf.....	936@126.25
12 wf.....	936@126.25	5 mix.....	902@125.50
5 mix.....	902@125.50	7 blk.....	961@125.00
7 blk.....	961@125.00	29 mix.....	967@124.10
29 mix.....	967@124.10	8 blk.....	926@124.00
8 blk.....	926@124.00	18 bkbwf.....	955@121.75
18 bkbwf.....	955@121.75	63 mix.....	1016@125.75
63 mix.....	1016@125.75	27 mix.....	1013@124.00
27 mix.....	1013@124.00	32 mix.....	1047@123.00
32 mix.....	1047@123.00	14 mix.....	1043@122.75
14 mix.....	1043@122.75		

**EARLY CONSIGNMENTS FOR FEB. 17**  
 • 45 blk bred cows, 2 yrs & up, Spring calvers w/ a few Falls.  
 • 20 blk & bwf bred hfrs, 800-1,000 lbs.  
**PLUS MORE BY SALE TIME!**

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!  
 YOUR BUSINESS IS ALWAYS APPRECIATED!

For Cattle Appraisals Call:  
**BRODY PEAK, 620-343-5107** **GLENN UNRUH, 620-341-0607**  
**LYLE WILLIAMS, Field Representative, 785-229-5457**  
 WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.  
**To see more consignments go to: [emporialivestock.com](http://emporialivestock.com)**



## Grass & Grain Weather Report

### Feb. 10, 2021

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																																								
<b>WEDNESDAY</b> Mostly Cloudy High: 18 Low: 2	Today we will see mostly cloudy skies, high of 18°, humidity of 57%. North wind 8 mph. The record high for today is 77° set in 1999. Expect mostly cloudy skies tonight, overnight low of 2°. North wind 3 to 6 mph. The wind chill for tonight could reach -7°.																																																																									
<b>THURSDAY</b> Mostly Cloudy High: 17 Low: 3	<b>Last Week's Almanac</b>																																																																									
<b>FRIDAY</b> Mostly Cloudy High: 16 Low: -1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>HI/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>1/29</td><td>52/23</td><td>42/18</td><td>0.00"</td></tr> <tr><td>1/30</td><td>53/35</td><td>42/18</td><td>0.01"</td></tr> <tr><td>1/31</td><td>36/22</td><td>42/18</td><td>0.00"</td></tr> <tr><td>2/1</td><td>38/25</td><td>42/18</td><td>0.00"</td></tr> <tr><td>2/2</td><td>52/24</td><td>42/18</td><td>0.00"</td></tr> <tr><td>2/3</td><td>64/30</td><td>43/18</td><td>0.00"</td></tr> <tr><td>2/4</td><td>38/22</td><td>43/19</td><td>0.00"</td></tr> </tbody> </table>	Date	HI/Lo	Normals	Precip	1/29	52/23	42/18	0.00"	1/30	53/35	42/18	0.01"	1/31	36/22	42/18	0.00"	2/1	38/25	42/18	0.00"	2/2	52/24	42/18	0.00"	2/3	64/30	43/18	0.00"	2/4	38/22	43/19	0.00"																																									
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<b>SATURDAY</b> Sunny High: 19 Low: 4	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Amount</th> <th>Normal</th> </tr> </thead> <tbody> <tr><td>Rainfall</td><td>0.01"</td><td>0.25"</td></tr> <tr><td>Normal rainfall</td><td>0.01"</td><td>0.25"</td></tr> <tr><td>Departure</td><td>-0.24"</td><td></td></tr> <tr><td>Average temp</td><td>36.7°</td><td></td></tr> <tr><td>Average normal</td><td>30.2°</td><td></td></tr> <tr><td>Departure</td><td>+6.5°</td><td></td></tr> </tbody> </table>		Amount	Normal	Rainfall	0.01"	0.25"	Normal rainfall	0.01"	0.25"	Departure	-0.24"		Average temp	36.7°		Average normal	30.2°		Departure	+6.5°																																																					
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# Beef tenderness research identifies factors that influence eating quality

By Lisa Moser

K-State meat scientists studied three beef cuts to see how fat content, connective tissue characteristics and muscle structure influence tenderness.

There is nothing like biting into a nice juicy steak where the savory flavors burst in your mouth, but if that meat is tough to chew the experience may be a disappointment.

In the case of beef, all cuts are not created equal in terms of tenderness.

To learn more, Kansas State University meat scientists, with the support of beef checkoff funding, studied three cuts of beef looking at how fat content, muscle structure and aging influence tenderness.

"There is not a single biochemical trait (tenderness contribution factor) that can be used to predict tenderness for all beef cuts," said Michael Chao, K-State meat science researcher and assistant professor in the Department of Animal Sciences and Industry.

The study focused on three cuts - the striploin (also known as New York

Strip), tri-tip and heel. "Tenderness is very much driven by the individual cut. For example, with the striploin overall tenderness is strongly influenced by lipid (fat) content, but heel overall tenderness is largely influenced by aging time," Chao said.

With a better understanding of how each cut needs to be managed, the beef industry can pass along that information to consumers, said Chao.

For example, cuts with extensive muscle fiber shortening may be stretched while beef that has a poor aging response

should not be aged, said Chao. He added that some cuts with high connective tissue need to be prepared with a moist-heat cooking method.

"It is more important than ever to find markers to assist the industry and consumers to determine the ideal tenderness management techniques to ensure a consistent eating quality of beef," Chao said.

These research results are included in the proceedings of the virtual 2021 Cattlemen's Day planned for March 5. To learn more, go to, www.asi.k-state.edu/cattlemens-day.

## Kansas sheep and goat survey released

All sheep and lamb inventory in Kansas on January 1, 2021 totaled 70,000 head, down 3,000 from last year, according to the USDA's National Agricultural Statistics Service. Breeding sheep inventory totaled 45,000 head, down 4,000 from last year. Ewes one year and older totaled 37,000 head, down 3,000 from the previous year. Rams one year and older totaled 2,000 head, down 500 from last year. Total replacement lambs totaled 6,000 head, down 500 from last year.

Market sheep and lambs totaled 25,000 head, up 1,000 from last year. A total of 2,000 head were mature sheep (one year and older) while the remaining 23,000 were under one year. Market lamb weight groups were estimated as follows: 8,000 were under 65 pounds; 2,500 were 65-84 pounds;

2,000 were 85-105 pounds; 10,500 were over 105 pounds.

The 2020 lamb crop totaled 45,000 head, down 2,000 from 2019. The 2020 lambing rate was 113 per 100 ewes one year and older, compared with 127 in 2019. Sheep deaths totaled 3,000 head, down 1,000 from last year. Lamb deaths totaled 7,000 head, down 500 from last year. Sheep and lambs slaughtered on farm totaled 2,000 head, unchanged from last year.

Shorn wool production during 2020 was 240,000 pounds, down 15,000 from 2019. Sheep and lambs shorn totaled 39,000 head, down 3,000 from 2019. Weight per fleece was 6.2 pounds, up 0.1 from 2019. The average price paid for wool sold in 2020 was \$0.65 per pound, compared with \$0.80 in 2019. The total value of wool

produced in Kansas was 156,000 dollars in 2020. All meat and other goat and kid inventory in Kansas on January 1, 2021, totaled 40,000 head, down 3,000 from last year. Milk goat inventory totaled 4,000 head, down 200 from last year.

### ANNUAL CONSIGNMENT AUCTION

**SATURDAY, MARCH 27, 2021**  
DURHAM, KANSAS (North edge)  
*Annual Farm Machinery & Farm Miscellaneous Auction held in conjunction with G&R IMPLEMENT.*  
**Call NOW to CONSIGN & Advertise Your Farm Machinery, Trucks, Trailers, Livestock Equipment, Farm Tools & Misc.**

See [www.leppke.com](http://www.leppke.com) & watch future ads for more details!  
Contact: G&R Implement: 620-732-3245 or Leppke Realty & Auction: 620-947-3995  
**LEPPKE REALTY & AUCTION**  
501 S. Main, Hillsboro, KS 67063 - 620-947-3995  
LYLE LEPPKE, Auctioneer/Broker - 620-382-5204;  
ROGER HIEBERT, Auctioneer/Sales - 620-382-2963

### \*\*AUCTION\*\*

#### RURAL REAL ESTATE & PERSONAL PROPERTY

**FRIDAY, FEBRUARY 12, 2021 - 11:00 AM**  
AUCTION LOCATION: 17080 SW Purity Springs Road  
DOUGLASS, KANSAS  
**ESTATE OF CALVIN MARKEL, SELLER**

LAND: 4.3 ACRES \* BLACKTOP FRONTAGE \* UTILITIES AVAILABLE  
OLD FARM HOUSE, BUILDINGS, WATER WELL & HEAVY TIMBER

PERSONAL PROPERTY INCLUDES: 150+ GUNS  
\* 50+ OLD VEHICLES \* SCRAP IRON \* ANTIQUES \* TOOLS  
\* ARCHITECTURAL IRON & WOOD \* 200+ TRAPS  
\* CAR PARTS \* ADVERTISING \* TRACTORS \* PRIMITIVES  
**VERY LARGE AUCTION, MANY ITEMS SELLING IN BULK**

**JOE SUNDGREN**  
316.321.7112  
**JEREMY SUNDGREN**  
316.377.0013

Land Brokers

Visit our Website for more details: [www.sundgren.com](http://www.sundgren.com)

## WABAUNSEE COUNTY LAND AUCTION

**SATURDAY, MARCH 13, 2021 \* 5:00 PM**

AUCTION LOCATION: Wabaunsee County Fairgrounds, ALMA, KANSAS

LEGAL: S07, T13, R09E E1/2 NW1/4 LESS R/W (access from Bunnytrail Rd)

**DESCRIPTION**  
This beautiful piece of the Flint Hills offers 76.5 +/- acres of pasture, a nice pond, and is fully fenced. *Whether you are looking to add to your operation or are getting started, this property is a must-see.*

**SELLER:**  
**JEANNINE McCLELLAN**

**REAL ESTATE TERMS:** Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before April 13, 2021. Buyer needs bank letter of loan approval or funds verification. Cost of Owners Title Policy to be split equally between Buyer and Seller. Buyer is responsible for understanding zoning and building regulations associated with the property prior to the auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

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

**Crossroads Real Estate & Auction** ANDRIA ZIMMERMAN, Listing Agent, 720-648-2249  
TERRI HOLLENBECK, Broker/Owner, 785-223-2947  
ANDREW SYLVESTER, Auctioneer, 785-456-4352

## Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045  
620-583-5008 Office 620-583-7475

**Sale Every Thursday at 11:30 a.m. Sharp**  
*Like Us On Facebook!*

On Thursday, February 4th, we had 886 head of cattle on an active market.

STEERS		HEIFERS	
2 bwrfrf	530@174.00	15 bkbwf	830@132.00
4 bkRd	369@172.00	6 BrndIX	822@130.75
4 bkbwf	560@169.75	7 bkbwf	883@130.75
4 blk	598@158.50	60 mix	922@127.00
5 blk	571@158.00	6 bkbwf	982@124.25
13 bkbwf	583@157.25		
3 bwf	607@153.50		
10 blk	637@150.50	8 bkbwf	519@154.50
5 Red	647@141.50	4 bkbwf	500@154.00
9 bkbwf	677@139.75	7 blk	534@148.00
13 blk	685@138.75	7 bkbwf	558@146.00
4 bkbwf	744@138.00	8 bkRd	529@144.50
14 blk	775@135.50	9 blk	601@136.00
6 blk	788@134.00	9 blk	623@136.00
28 bkbwf	738@134.00	7 bkbwf	641@134.50

10 bkChr 660@134.00  
8 bkbwf 668@133.50  
10 bkbwf 681@132.50  
6 blk 733@131.00  
33 mix 712@129.00  
6 bkbwf 740@127.75  
21 bkRd 668@126.75  
29 bkbwf 821@126.50  
12 bkbwf 702@126.25  
7 blk 748@125.50  
63 bkbwf 856@123.50  
8 bkbwf 855@122.85  
12 bkbf 965@116.00  
4 bkbwf 1136@106.00  
6 blk 1042@96.00

**Butcher Cows: \$30-\$72.00, mostly \$55-\$68, steady to \$2 higher.**  
**Butcher Bulls: \$61-\$85.50, mostly \$82-\$85.**  
**Packer cows & bulls selling very active.**  
**Preg cows: \$800-\$1,200.**

BUTCHER COWS		BUTCHER BULLS	
1 blk	1350@72.00	1 blk	1665@85.50
1 blk	1195@70.00	1 CharX	1565@85.00
1 blk	1540@70.00	1 bwf	1330@85.00
1 Gry	1180@69.00	1 rbf	1645@85.00
2 bkbwf	1323@68.50	1 Gry	1410@85.00
2 blk	1603@68.00	1 bwf	1275@84.00
2 blk	1148@67.50		
2 blk	1505@66.00		

## Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway  
**Livestock Auction every Tuesday at 12 NOON**  
**\*\*\*STARTING TIME: 12:00 NOON\*\*\***

**MARKET REPORT FOR TUESDAY, FEBRUARY 2, 2021**  
RECEIPTS: 1,273 CATTLE  
FOR FULL RESULTS, VISIT OUR WEBSITE:  
[WWW.HOLTONLIVESTOCK.COM](http://WWW.HOLTONLIVESTOCK.COM)

STEERS		HEIFERS	
1 rwf str	340@195.00	7 blk str	790@131.50
11 blk bwf str	460@185.00	21 char str	843@129.50
3 blk bwf str	456@179.00	9 blk red str	853@127.50
8 blk str	473@174.00		
10 blk str	514@172.00	2 blk hfrs	287@175.00
18 blk str	496@172.00	2 blk hfrs	405@169.00
7 blk str	546@171.00	5 blk hfrs	385@158.00
6 blk str	580@162.50	5 blk red hfrs	406@154.00
26 blk str	591@156.00	7 herf hfrs	417@152.00
8 rwf str	637@154.50	11 blk hfrs	672@149.00
8 blk str	618@154.00	55 blk hfrs	559@142.00
5 blk bwf str	642@146.50	8 blk hfrs	643@138.00
14 blk red str	682@145.50	14 blk hfrs	712@137.50
28 blk str	665@145.00	13 blk hfrs	845@136.00
7 blk str	701@143.50	11 blk hfrs	713@132.50
10 blk str	692@143.50	14 rwf bwf hfrs	590@129.50
11 blk bwf str	700@141.00	15 blk hfrs	631@128.00
10 blk str	755@139.75	5 blk hfrs	724@125.00
11 blk bwf str	748@138.75	10 char hfrs	749@125.00
20 blk str	745@138.00	7 blk bwf hfrs	672@124.50
16 blk str	749@136.00	6 char blk hfrs	678@123.50
26 blk bwf str	794@135.85	10 blk hfrs	740@121.50

Dan Harris, Auctioneer & Owner • 785-364-7137  
Danny Deters, Corning, Auct. & Field Rep • 785-868-2591  
Dick Coppinger, Winchester, Field Rep. • 913-774-2415  
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417  
Larry Matzke, Wheaton, Field Rep. • 785-268-0225  
Craig Wischropp, Horton, Field Rep. • 785-547-5419  
Barn Phone • 785-364-4114  
**WEBSITE: [www.holtonlivestock.com](http://www.holtonlivestock.com)**  
EMAIL: dan@holtonlivestock.com

**View our auctions live at "Imauctions.com"**

## Central Livestock

811 N. Main St.  
South Hutchinson, Ks

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

Office: 620-662-3371  
or Matt Hoffman (Owner): 620-727-0913  
Hay Auction- Every Tuesday at 9:00 a.m.  
Cattle Auction- Every Tuesday at 10:00 a.m.  
Hog/Sheep/Goat Auction- Every 3rd Saturday  
Horse/Tack Auction- Every 1st Saturday

Sat., Feb. 20<sup>th</sup> - Hog/Sheep/Goat Sale  
Tues., Feb. 23<sup>rd</sup> - Holstein Special  
Sat., March 6<sup>th</sup> - Horse & Tack Sale  
Tues., March 9<sup>th</sup> - Calf/Yearling Special

## LAND AUCTION

947 +/- Acres of Flint Hills Grass in 2 Tracts in Chase County

**FRIDAY, MARCH 5, 2021 - 10:00 AM**

AUCTION LOCATION: Chase County Community Building at Swope Park - COTTONWOOD FALLS, KS 66845

SELLERS: FAMILY OF VIRGINIA L. GRIFFITHS, FLORENCE LUELLA SMITH & MINNIE R. WESTBROOK  
TRACT #1: 708.13 +/- acres. BRIEF LEGAL: All of Sec 12 and the N/2 of Sec 11 lying east of turnpike in T22S R08E, Chase Co.  
TRACT #2: 239.40 +/- acres. BRIEF LEGAL: The N/2 of Sec 11 lying west of turnpike in T22S R08E, Chase Co.

Located in the heart of the Flint Hills just east of Matfield Green situated in the middle of the big country with miles and miles of rolling hills all around. Pastures in this area are known for its great cattle gains. This is what you think of with Flint Hills pastures, good elevation, good water and a great clean stand of grass. Come and see how these top quality native bluestem and mixed grass pastures can work for you.

See website for full listing & photos at  
[www.Leppke.com](http://www.Leppke.com) or [www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com)  
[www.leppke.com](http://www.leppke.com)

### LEPPKE REALTY & AUCTION

501 S. Main, Hillsboro, KS \* 620-947-3995  
LYLE LEPPKE, Broker & Auctioneer - 620-382-5204  
ROGER HIEBERT, Sales Assoc. & Auctioneer - 620-382-2963

CHUCK MAGGARD, Sales/Auctioneer, Cell: 620-794-8824  
Griffin Real Estate  
RICK GRIFFIN, Auctioneer, Cell: 620-343-0473  
Office: 305 Broadway, Cottonwood Falls, KS 66845  
Phone: 620-273-6421  
Fax: 620-273-6425  
Toll-Free: 866-273-6421

## EL DORADO LIVESTOCK AUCTION, INC.

**316-320-3212**  
Fax: 316-320-7159  
2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042

**Market Report - Sale Date 2-4-21. 429 Head.**  
300-400 lb. steers, \$165-\$184; heifers, \$140-\$180; 400-500 lb. steers, \$152-\$181; heifers, \$143-\$167; 500-600 lb. steers, \$140-\$180; heifers, \$122-\$158; 600-700 lb. steers, \$137-\$153; heifers, \$123-\$138; 700-800 lb. steers, \$130.50-\$141.50; heifers, \$112-\$124.25; 800-900 lb. steers, \$107-\$131.50; heifers, \$100-\$113.50.  
**Trend on Calves:** Steady to \$7 higher on light test. **Trend on Feeder Cattle:** Mostly \$2-\$3 lower w/light test. **Butcher Cows:** high dressing cows \$55-\$64; Avg. dressing cows \$45-\$55; low dressing cows \$20-\$35. **Butcher Bulls:** Avg. to high dressing bulls \$61-\$78. **Trend on Cows & Bulls:** \$3-\$4 higher w/light test.

**Some highlights include:**

HEIFERS		STEERS	
2 blk	308@180.00	2 blk	453@181.00
9 mix	424@164.00	6 mix	526@180.00
9 mix	498@149.50	14 mix	560@170.00
9 mix	566@135.00	26 mix	645@148.50
21 mix	628@132.50	15 blk	717@141.00
30 mix	773@124.25	8 char	760@136.50
5 mix	883@113.50	60 mostly blk	886@130.40

**REGULAR SALE: FEBRUARY 11, 2021**  
**Expecting 800 head!**

- 30 cow/calf pairs, 2-6 week old calves
- 70 bred cows, 2 through running age, bred blk
- 70 mixed steers & heifers, 400-700 lbs.

\*\*\*\*\*  
**OUR NEW WEBSITE IS UP & RUNNING!**  
**UPDATED DAILY WITH NEW CONSIGNMENTS!**  
[WWW.ELDORADOLIVESTOCK.COM](http://WWW.ELDORADOLIVESTOCK.COM)

We welcome your consignments!  
If you have cattle to consign or would like additional information, please call the office at 316-320-3212

**Check our website & Facebook for updated consignments: [www.eldoradolivestock.com](http://www.eldoradolivestock.com)**  
*To stay up to date on our latest announcements you can "Like" us on Facebook*

Josh Mueller Owner/Manager (316) 680-9680	Steven Hamlin (602) 402-6008 (H) (620) 222-1199 (M)
Chris Locke (316) 320-1005 (H) (316) 322-0675 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

**Cattle Sale Every Thursday 11:00 AM**

### EARLY CONSIGNMENTS FOR FEB. 18

- 100 blk Red Angus hfrs, 750-850 lbs., H.R., longtime weaned & vac.
- 70 blk Red Angus str, 850-950 lbs., H.R., longtime weaned & vac.
- 65 bkbwf str & hfrs, 500-700 lbs., H.R., longtime weaned & vac.

We appreciate your business!

**Ron Ervin - Owner-Manager**  
Home Phone - 620-583-5385  
Mobile Cell 620-750-0123  
**Austin Evenson- Fieldman**  
Mobile Cell 620-750-0222  
If you have any cattle to be looked at call Ron or Austin



