



Sarah Betzold, National Director of Sales for U.S. West, left, visits with attendees of the 2023 Women Managing the Farm Conference in Manhattan.

## Drones take the stage at Women Managing the Farm Conference

By Laura Handke

In January, women from around the country, who are interested in agriculture, convened in Manhattan for a three-day Women Managing the Farm conference. The conference is focused on providing resources and networking opportunities that aid in the management of the farm for both on-farm owners and managers and absentee owners, alike. Now in its 19th year, the conference continues to bring

new and innovative educational opportunities to attendees.

This year's conference saw more than 280 registrations with participation from five states, as far away as Dallas, Texas.

Presenting at this year's conference Sarah Betzold, Director, U.S.-West, partnered with Ethan Noll, Digital Lead, Ag Partners, to provide a breakout session that focused on drone technology. The pair covered the gamut of drone

opportunities in agriculture, from the first drones on the farm to a look into what the technology means for farm management.

"I have a nine-year-old son, and last night as I was helping him with his math homework on Facetime, I was reminding him to show his work," Betzold told attendees. "That's also what we're reminding the retailers that we work with: show your work and let us help you do it! That's one of the things that drones, and especially Taranis' technology, is really good at doing. We provide a history of a field to show those that maybe don't completely understand why management decisions are being made this season and next. We bring the game tape."

With a commercial

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Dr. Randall Prather, left, is presented the K-State Animal Sciences and Industry Distinguished Alumnus Award by Dr. Mike Day, ASI Department head.

KSU courtesy photo

## Prather named 2022 K-State Animal Sciences and Industry Distinguished Alumnus

Dr. Randall Prather was recognized as the 2022 Kansas State University Department of Animal Sciences and Industry Distinguished Alumnus on Wednesday, February 8, 2023.

Prather was born in Manawa, Wisconsin. His father was a veterinarian and instilled in him a love for agriculture. During high school his family moved to Garnett and operated a family farm. There is where he met his future wife, Jami.

Prather obtained his bachelor's (1982) and master's (1984) degrees from K-State ASI, and his doctorate and postdoc from the University of Wisconsin-Madison. Since 1982, his research has focused on the early mammalian embryo.

While at Wisconsin, he cloned the first pigs, and some of the first cattle, by nuclear transfer. After two years of postdoctoral studies at the University of Wisconsin, Prather moved to Columbia in 1989 and joined the University of Missouri faculty.

His group at the University of Missouri created miniature pigs that have the alpha 1,3 galactosyltransferase gene knocked out, thus paving the way for xenotransplantation. Additionally, his group helped develop pigs that develop cystic fibrosis, thus providing the first whole-animal model that can be used to study the disease. More recently, his lab created pigs that are not susceptible to porcine reproductive and respiratory syndrome virus and other pigs resistant to transmissible gastroenteritis virus and Senecavirus A.

His lab at Mizzou has made more than 90 different genetic modifications for agriculture and medicine. He is the NIH-funded National Swine Resource and Research Center director and co-PI of the NIH-funded Swine Testing Center for the Somatic Cell Gene Editing effort. He is currently a Curators' Distinguished Professor in the Division of Animal Science at the University of Missouri.

"The ASI Department is proud to recognize Randy Prather as the 2022 Distinguished Alumnus," says Dr. Mike Day, K-State ASI department head. "His impact extends from his foundation in animal agriculture and reproductive biology into many facets of animal and human health and biomedical sciences. The breadth of his contributions were on display in presentations at the K-State Swine Profitability Conference, during the ASI Farm Animal Reproduction and Genetics courses, and during a symposium presentation to faculty, staff and students at K-State."

Dr. Prather and his wife, Jami, have seven children and 11 grandchildren.

By Pat Melgares, K-State Research and Extension news

Beef cattle is big business in Kansas.

The state holds the United States' third-largest number of cattle on ranches and feedyards – 6.5 million head, behind only Texas and Nebraska – and generates nearly \$9 billion in cash receipts annually. In 2019, the Kansas Department of Agriculture noted that Kansas' beef sector accounted for 55% of the state's agricultural cash receipts that year.

But Logan Thompson – a sustainable grazing specialist in Kansas State University's Department of Animal Sciences and Industry – knows that the industry's success also comes with a great responsibility.

"As an agricultural industry, we have a social license to operate within the realms of society at large," he said. "So when our consumer base has issues – historically for the beef industry it's been welfare, and now primarily climate issues – we have had to stand up and face those issues and make the changes required."

Thompson is a featured speaker during the 110th annual K-State Cattlemen's Day, set for March 3 in Manhattan. His talk, "Practical Solutions to Environmental Concerns," highlights the afternoon portion of this year's program.

Thompson's talk will include findings on research on rotational versus continuous grazing that he's been involved with for several years, first as a student in Alabama and continuing with upcoming trials in North Dakota and South Dakota.

"We're looking at overall carbon and nitrogen flux, animal performance, enteric methane and trying to measure everything we can" to better understand the challenges of containing the release of methane into the atmosphere, he said.

## Wheat industry mourns loss of colleague and friend Mark Fowler

Everyone at U.S. Wheat Associates (USW), Kansas Wheat and the entire U.S. wheat industry is shocked and saddened by the sudden passing of colleague Mark Fowler at his home in Manhattan on February 20, 2023. Mark joined USW in 2017 and was vice president of global technical services.

Mark was 52 years old and is survived by his wife Courtney, their daughters Piper and Paige, his mother Ruth Fowler, and his sisters Rhonda (Scott) Gordon and Amy Fowler. Funeral services were held on Saturday, February 25 at the College Avenue United Methodist Church. Burial will be at a later date. Obituary and memorial information will be posted at <https://www.robertsblue.com/>. Condolences can be sent to robertsblue.com, mailed to Kansas Wheat, 1990 Kimball Ave, Manhattan, KS 66502, or emailed to [kswheat@kswheat.com](mailto:kswheat@kswheat.com) to be shared with the family.

"I've had the pleasure of working with Mark in various capacities in the wheat industry over the past 20 years," said Justin Gilpin, Kansas Wheat CEO. "His impact and network of friends reached around the globe. He was a strong asset to the U.S. wheat industry and farmers, and a friend who will be dearly missed."

"Mark's passing is a



great personal and professional loss for our organization and the wheat farmers we serve," said USW president Vince Peterson. "Mark embraced his work and our mission with enthusiasm; as a result, our technical experts are better equipped and motivated partners for our many customers across the world. Our most sincere sympathy goes out to Mark's family and to the wheat community he loved."

Mark Fowler grew up on his family's farm near Emporia. He earned a bachelor's degree in Milling Science and Management from Kansas State University (K-State), and later returned to complete a master's degree in Agricultural Economics.

His career began as a flour miller, first for Cargill, Inc., and then Seaboard Corp. In those roles, Mark ran flour mills, worked on projects in sev-

eral developing countries, including Ecuador, Guyana, and Haiti, and worked as a technical director of the Africa Division within Seaboard's Overseas Group in Durban, South Africa. Later, Mark spent 12 years back at K-State as a milling specialist and associate director at the IGP Institute, in the university's Department of Grain Science and Industry.

As a highly respected flour milling expert, Mark also served as a technical milling consultant for USW, as well as the Northern Crops Institute (NCI), allowing him to become well acquainted with many USW staff and overseas customers.

Before joining USW originally as vice president of overseas operations, Mark was the president and CEO of Farmer Direct Foods, Inc. a farmer-owned flour milling company in New Cambria.

"Throughout my career, I have experienced the global impact of the milling industry from several perspectives," Mark said when he joined USW. "I am excited to engage with friends and colleagues in the industry to advance the U.S. wheat export market development mission."

Mark most certainly did advance USW's mission through his dedicated service, mentoring and friendship. All his colleagues will miss him deeply.

## K-State grazing specialist to speak on environmental concerns in beef industry

"Ruminant animals (such as cows) do a really cool thing of converting complex carbohydrates (cellulose) to energy... and eventually into highly nutritious, high-quality food for humans," Thompson said.

"But in the process of that, they produce methane that is then respired out and is a known greenhouse gas that is pretty potent in the atmosphere compared to (carbon dioxide). So that's the chief concern for us as researchers."

In addition to grazing studies, Thompson's work includes developing recommendations to aid cat-

tle producer's management decisions.

"We have a gradient of ecosystems in Kansas, so we're trying to figure out what management style works best in these different environments," he said. "And we're working on some other projects looking at precision feeding to help keep small producers economically relevant and potentially receive carbon credits if they implement a different feeding strategy."

The cost to attend Cattlemen's Day 2023 is \$35 at the door. There is no charge for students who pre-register. For more information and online reg-

istration, visit [KSUBeef.org](http://KSUBeef.org)

Also on March 3, the 46th Annual Legacy Bull and Female Sale will begin at 4 p.m. at the Stanley Stout Center (2200 Denison Avenue in Manhattan). Visit [asi.ksu.edu/legacysale](http://asi.ksu.edu/legacysale) to learn more about this year's offering and to request a sale catalog.

On March 2, the Tom Perrier Family will be honored as the Stockman of the Year at the Annual Stockmen's Dinner, beginning at 6 p.m. at the Stanley Stout Center. A separate registration is required for the dinner. Information can be found online at [asi.ksu.edu/stockmensdinner](http://asi.ksu.edu/stockmensdinner).

## From the Land of Kansas plans 45th anniversary celebration

From the Land of Kansas, the state's agricultural trademark program, is celebrating its 45th anniversary in 2023. The program will kick off its celebration at the Kansas State Capitol on Monday, March 6, from 10:00 a.m. to 2:00 p.m. Members of the From the Land of Kansas program will be offering samples of their products and showcasing their businesses.

The From the Land of Kansas program began in 1978 within the state's agriculture agency, now the Kansas Department of Agriculture, and was designed to promote and celebrate agriculture experiences and products grown, raised or produced in Kansas. The program has grown to include 375 members and farmers' markets. These businesses span the breadth of the agriculture industry, from restaurants, agriculture equipment manufacturers, retailers, farmers and ranchers, to food processors, agritourism, wineries, breweries and distilleries.

Basic membership of the state's trademark program is free and additional benefits are tailored to support all types of businesses, new or established, and assist them with taking their business to the next level. The program's website, [FromtheLandofKansas.com](http://FromtheLandofKansas.com), also provides a map to help consumers find Kansas businesses and farmers' markets across the state.

"It's been the best thing for our business," said member Christina Blincoe with Sweet Streams Lavender Farm in Bucyrus. "We have seen growth from the program every year consistently. We love having the logo on our website because it's an automatic accreditation of our farm. We love the online store to share our products on the website."

From the Land of Kansas also hosts an e-commerce website, [shop.fromthelandofkansas.com](http://shop.fromthelandofkansas.com), where members can sell their products online, reaching more customers across the state of Kansas and the U.S. In honor of the 45th anniversary, the program is offering a limited-edition classic shirt representing products grown, raised and produced in Kansas which can also be found at [shop.fromthelandofkansas.com](http://shop.fromthelandofkansas.com).

"I'm very passionate about helping farmers and Kansas businesses succeed and thrive in the agriculture industry," said Sammy Gleason, marketing manager for From the Land of Kansas. "My dad is a fourth-generation Kansas farmer, which makes the From the Land of Kansas program something I hold close to my heart. I love serving our members, no matter the size of their business; they give me a purpose."

For more information about the program and its members, visit [FromtheLandofKansas.com](http://FromtheLandofKansas.com) or engage with the program through social media by following From the Land of Kansas on Facebook, Instagram, and Twitter.



FROM THE LAND OF KANSAS



## Talk and Action

By Greg Doering,  
Kansas Farm Bureau

If it isn't a cliché yet, asking farmers and ranchers to tell their story ought to be by now since it's often prescribed as a panacea that will fix anything wrong in agriculture. I don't mean to diminish the impact storytelling has in shaping the minds of consumers and legislators. But I do think there's another aspect that's been taken for granted for too long.

Telling the story of agriculture is both personal and important. What's

even more vital though is being able to back up any story you tell with action. Arguing for policies of self-policing and industry-led solutions are certainly preferable to dealing with rules and regulations handed down from politicians. The only downside is if you don't follow through, the bureaucrats will catch on eventually.

Those of us near farmers and ranchers often encourage them to tell their stories while neglecting to mention anything about action. This is equal parts

oversight and proximity. We neglect to mention follow-through because it never occurs to us it wouldn't happen. We've observed countless times how a farmer's word is as valuable as a signature. In short, encouraging storytelling has missed the real story.

It was just a few years ago when so-called "alternative protein" companies seemed to spring up overnight. Some slick storytelling generated a line of investors pledging billions of dollars to disrupt the business of growing beef, pork and chicken. The simple and straightforward pitch went something like this: Very soon, plants will replace animals as a primary source of protein because we've created technology that makes eating a salad seem like biting into

a cheeseburger.

I apologize for taking a few liberties there, but that's the gist of the marketing campaign that prompted a lot of well-founded fear in the production agriculture world. The storytelling was excellent and there was an actual product that kind of resembled meat. The stuff even made its way on to restaurant menus and was slotted next to the real thing at grocery stores.

Curious customers sampled the imitators in sufficient quantities that several of these companies went public, selling stock to anyone who wanted it. As the headlines rolled in about the quality and taste of this scientific amalgamation, so did the cash.

Imitation may be a sincere form of flattery, but it doesn't seem that way

when part of the imitation is based on putting you out of business. While technology and apparent alchemy was part of the story-telling behind turning plants into palatable protein, so was a more sinister message: eating animals is wrong.

It just so happens these companies were selling virtue to everyone with a vice of eating meat. Whether it was interest, peculiarity or oddity that drove customers to sample these alternatives, one thing is for sure, they tried them because of the story.

Actions still speak louder than words. And with the benefit of hindsight, a lot of these companies are running into this reality. Sky-high stock valuations plummeted almost as fast as the novelty faded.

The imitators have

gained a foothold, but it's a niche. It turns out producing protein the old-fashioned way day in and day out offers both scale and affordability that can't be messaged away.

Shouting is certainly one way to draw attention in a crowd, but then it's on you to hold that attention. The story is important but won't mean anything if you can't deliver. Farmers and ranchers have continued to deliver. Again and again their actions have spoken louder than words, and that's a story worth telling.

"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.

# Crop insurance protects 490 million acres

Crop insurance protected more than 490 million acres and \$173 billion in liabilities in 2022, providing farmers with a valuable risk management tool, supporting a secure food supply, and contributing to the health and stability of the American economy

"We're proud to offer protection to the vast diversity of American agriculture," said Kendall Jones, chair of National Crop Insurance Services (NCIS) and president and CEO of ProAg, in her recent remarks to the crop insurance industry's annual convention.

This year marked the convention's 75th anniversary, and Jones praised the modern, data-driven, and responsive nature of crop insurance, while outlining an innovative future for the industry.

Crop insurance is designed to provide opportunity for farmers, and Jones urged Congress to consider "a Farm Bill that further strengthens crop insurance, so that it works for more farmers, more crops, and more acres."

A strong crop insurance program is critical as farm-

ers work to improve their resiliency and make investments in the health of their land.

"Our farmers are on the front lines when it comes to weather disasters, and it is important that we maintain a strong and consistent crop insurance program so that our food supplies and economic stability aren't a casualty of climate change or volatile global events," Jones said.

Jones explained that since its beginning, the crop insurance industry has been built on constant data analysis and actuarial soundness. Farmers also invest in their own safety net, paying more than \$6.8 billion in crop insurance deductibles in 2022 to protect their crops.

"The crop insurance industry is protecting the American farmer while being a good steward for the American taxpayer," she said.

The crop insurance industry has also invested heavily in science, with 2023 marking 100 years of agronomic research conducted by crop insurers to improve policies

and procedures. Jones emphasized that the industry would continue to invest in new technology to better serve America's farmers, champion initiatives to empower underserved farmers, and partner with farmers on conservation efforts.

In his remarks, Tom Zacharias, president of NCIS, challenged the crop insurance industry to leave agriculture better than they found it.

"It is only through collective work towards a better, stronger farm safety net that the crop insurance industry has been able to leave our individual mark on agriculture. For 75 years, we've worked together to build a data-driven and affordable crop insurance program," Zacharias said.

Zacharias also thanked former House Agriculture Committee chairman Michael Conaway and Frank Lucas for leaving agriculture and crop insurance better than they found it through their leadership.

## Maynard named executive director of Rock Springs Ranch

There was a time, Steve Maynard admits, when he was a shy, introverted kid. Then came summer camp.

"By highlighting my talents and knowledge, the (camp) staff brought me

out of my shell and built up my confidence and self-esteem," said Maynard, who in January was named executive director of Rock Springs Ranch south of Junction City.

Among other activities, Rock Springs Ranch, the state 4-H center, hosts thousands of 4-H youth for summer camp programs. On assuming his new post, Maynard said: "I will al-

ways strive to create a camp culture where building confidence and self-esteem is the normal experience for each camper and staff team member."

Maynard said one of the things that attracted him to Rock Springs Ranch was that it offers programming based on the foundations of the Kansas 4-H program - head, heart, hands and health.

"These core values continued to withstand the test of time and challenge," he said. "They are the pillars of the 4-H program and can be used as a sounding board to test new programs, coach campers and staff and help lead Rock Springs Ranch into the future."

As part of the executive director role, Maynard will be overseeing all aspects of the facilities and programming, working with camp directors Jared and Letha Causby, K-State Research and Extension agents and others on programming and staffing needs.

Maynard was most recently the facilities director at Asbury Hills Camp and Retreat Center/South Carolina Camps and Re-

treat Ministries in Greenville, South Carolina. He has more than 25 years of experience in the camping industry, serving as an executive leader at camps across the country.

"I am excited to have Steve join the Kansas 4-H team," said Sarah Maass, the state leader for the Kansas 4-H program. "We look forward to his leadership at Rock Springs Ranch as we move Kansas 4-H forward together as a team in the field of positive youth development."

Rock Springs Ranch, which has been in existence for nearly 80 years, is accredited by the American Camp Association.

"As the standards organization for camping, the American Camp Association accreditation ensures Rock Springs Ranch is operating with the highest standards in safety, training, program, facilities and food service," Maynard said.

Studies by the American Camp Association have shown that this positive type of 'risk taking' carries over when guests leave camp.

Part of Maynard's vision for Rock Springs Ranch is

to provide a space where campers and adult retreat guests can explore new interests, gain independence, and master new skills in a safe non-judgmental setting. He said that the facilities at Rock Springs Ranch can meet the needs of a variety of groups.

"I am excited to be joining the Kansas 4-H and Rock Springs Ranch family," he said. "I look forward to working with the team and helping them achieve their goals, providing exceptional experiences for our campers and adult guests and filling summer camp and retreat calendars. I am proud to be a part of the state's largest positive youth development organization, serving more than 80,000 youth each year."

For more information about summer camp and booking a reservation, call 785-257-3221.

Rock Springs Ranch is owned and operated by the Kansas 4-H Foundation. The Kansas 4-H Foundation is the 501(c)(3) fundraising arm for Kansas 4-H, the state's largest positive youth development organization.



It was a disappointing, gut-wrenching day for us on Saturday. Actually, most of the day went well, it was just the start of the day that was bad. We lost a calf; odds are that there was not much we could have done about it. Like Dad always told me, if you have them, you are going to lose them. That doesn't make it any easier and my goal every calving season is a 100% calf crop; I know it will never happen. Though there was really nothing we could do, I still feel like it was my fault.

Heifer 110 was my favorite from the day she was born. I know color is a dumb way for a cattleman to pick a favorite, I tell myself that every year and every year I am enamored with a calf because of its hide. This one might have been even more superficial than any other year. I had a bull that would throw red calves even though he was black and most of my cows are black or black baldy. Even more intriguing for me was that he would throw solid red calves. I would get one or two solid red calves out of him every year. He was a good, sound, productive bull and I had many solid red calves. The kicker was that up until his last year, they were all bulls.

That was when cow 85 had her calf, a solid red heifer. From the minute I laid eyes on her, she was my favorite. It did make it better that she was a decent heifer, in fact, she was one of the better heifers two years ago, or that is what I convinced myself of. I am not sure my family completely bought in, but over the years they have learned to play along with dad's "favorite" heifer. The problem is that often my favorite heifer is a somewhat snake-bitten title.

Last year, my favorite heifer, who was also one of the few we got to settle A.I., decided to have her calf by a ditch, rolled over and died. Other heifers I have anointed as "the one" have had other misfortunes happen to them. Quite frankly, others just never lived up to my expectations for what I thought was the best heifer in the herd. To be fair, not all of my favorite heifers were because of their hide color, some were because of who their mama was. I always have a good reason for naming a favorite. Sometimes it is rooted in good beef

management and others, it is because she looked cool.

Jennifer and I checked the heifers first thing and found 110 in trouble. The feet and head were coming right, but it was obvious that something was wrong. We quickly got the O.B. chains on the feet and started to pull. It was a hard pull and the hips locked up on us. I had to find the calf puller. That took a while because we had not used them in at least five or six years, we just don't have calving trouble (knock on wood). With the help of the pullers, we got the calf out and it was evident that we were too late, he never took a breath.

I am not sure why she had trouble, we pelvic measure and score all our heifers and she had passed with flying colors. The calf was big but not huge and he was out of a proven calving ease bull that we had used for five years and never had to pull a calf. I am not sure what happened, and I know the "right" thing to do would be to cull her. Who knows what I will do since my judgement is clouded because she is my favorite heifer. Every cow I ever gave a second chance has burned me later. Well, all of them except my "favorite" heifer from five years ago. She aborted her calf late, I gave her another chance and she is a near average cow in the herd. That kind of worked out.

As we were cleaning up and picking up after the ordeal, Jennifer looked at me and asked me not to have a favorite heifer this year. She then went back over my favorites from the past several years and outlined their lack of success culminating with last year's complete wreck. She was right, my naming a favorite heifer was just a recipe for disaster. No matter what, I am not going to be partial to any calf born this year, that is the promise I made to her. I will not sentence any heifer to a life of doom and disaster.

That was easier said than done. Last night I went out and checked cows. Cow number 023 had the coolest-colored heifer calf. It is black with a lot of white all over it, I can't wait to see how it turns out, it might be the best one we ever raised. Oops, well I guess that promise lasted about four days. Stay tuned, I am sure 023's calf will have a good story here in about two years.



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# Drones take the stage at Women Managing the Farm Conference

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team dedicated to supporting retailers in the U.S., the Taranis team captures leaf-level images to identify pressures, in near real-time, that are translated as insights at the field, acre, and plant level. The insights offer more than peace of mind, they offer a real-time opportunity to negate yield damage and, ultimately, improve profitability.

"And because our imagery counts every single corn, soybean, cotton... whatever crop being assessed... at the plant level, the stand count information we deliver is arguably the best tool available to quantify and justify replant acres," says Betzold, "It's the basis for your crop year and getting off to a successful start."

Attendees were surprised to learn that both insect and chewing damage were deliverables of the machine learning that drives the Taranis solution, as well as disease identification. Noll helped to quantify the value Taranis delivers from a retail agronomist perspective.

"I don't know how many of you have walked through a cornfield looking for disease or insect damage, but it is a miserable, miserable experience. You walk out of the field covered in pollen, cut-up, it's hot... it's just a miserable experience," he told the group, beginning to form a smile, "And so for us (at Ag Partners) this is a beautiful, beautiful thing. And it's the same with all crops; no matter how hard

an agronomist tries, how fast they walk, they can't get over an entire field in a timely manner, there are just too many acres to walk and too much to see."

Betzold adds that Taranis' ability confidently provide that there is no disease or insect pressure thresholds being met in a field is just as valuable when making decisions.

"It's the whole picture, not just a portion of the field, so whatever the situation, a retailer can be confident that the recommendation they are taking back to a grower is based on an accurate assessment of every acre," she says.

In addition to the drone imagery, Betzold told the group that satellite imagery is also used to find what the team calls "anomalies" that assess the differences between satellite images taken a few days apart to determine whether field pressures are resolving or worsening.

Noll shared that mapping technology isn't the only digital advantage setting his team apart. Offering an up-close and hands-on view of a DJI Agras

T-30, Noll set the drone at the front of the room and identified each component, from the batteries to the mounted camera.

"Mapping technology is truly ahead right now, but we are seeing application technology catching up," he said, adding that the spray drone applications his team offer serve a wide variety of customers.

"Just in the area of northeast Kansas where I live, we've got pasture, hunting, ponds, alfalfa, Christmas tree patches, waterways, and grass terraces; and we've even had requests to spray levies. We have our traditional ag retail customers, and we are always going to serve those customers, but this technology helps us to reach non-traditional customers, and that's a big deal. Those are customers that we weren't going after before."

The non-traditional spray drone applications are also higher paying, Noll says. Partnering with Rantizo, an Iowa-based company, Ag Partners acts as a spray drone contractor to provide precise

management on hard-to-access acres.

Noll referenced a conservation project he and his team completed in western Kansas, and noted that after pricing a helicopter, the conservation management team didn't feed they had the financial resources to control an invasive grass that was threatening the lesser prairie-chicken population.

"We sprayed about 80

acres," Noll says. "We sprayed only where the (invasive) grass was by creating shape files and uploading those to the controller so the drone knew exactly where to fly. We didn't have to spray the whole field, just the areas that were affected."

And while the time savings is considerable, the greatest benefit, Noll says, comes from the chemical and fuel savings, especially when those numbers are

translated across a 1000-acre farm.

"I used about four-and-a-half gallons of fuel with the drone, compared to a plane, that has to cover a larger area, that will use between 20 and 30 gallons of jet fuel, and covered the area with about 2.5 gallons of RoundUp®" he says. Noll added that Rantizo is also working with chemical manufacturers to establish drone-specific application rates.



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- Rural resident of Independence, Kansas
- Fourth generation farmer
- Owner of Diamond R Cattle (cow/calf operation)
- 1997 graduate of Kansas State University, B.S. Agriculture
- More than 12 years on the USD 446 Board of Education, 6 years as president
- Experience in leadership, finance, technology, management and risk assessment
- Understands firsthand the current challenges Kansas farmers and ranchers are facing

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 Questions for Marty? Call (620) 330-3031

The Reichenberger Family: Marty, Rylie, Reece, Richelle and Amy



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# GRASS & GRAIN **Our Daily Bread**

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

*Kellee George, Shawnee, Wins This Week's Grass & Grain Recipe Contest And Prize*

Winner Kellee George, Shawnee:  
**CRISPY HASH**

- 2 tablespoons butter
- 1 cup diced & cooked roast beef
- 1 cup diced & cooked potato
- 1 medium onion, diced
- 1 tablespoon minced parsley
- 1/2 cup milk
- Salt & pepper to taste

In a heavy skillet melt butter. Add all remaining ingredients and mix well. Cover and cook until crisp on bottom. Turn and brown other side. Serve immediately.

\*\*\*\*\*

Millie Conger, Tecumseh:

- PINEAPPLE CHEESE BALL**
- (2) 8-ounce packages cream cheese
- 8-ounce can crushed pineapple, well-drained

- 1/2 cup chopped green onion
- 1 teaspoon lemon pepper
- 1 teaspoon seasoned salt
- 2 cups chopped pecans, divided
- Assorted crackers
- Whip cream cheese un-

## Egg Prices Are High, Could Go Higher With Demand

By Texas A&M AgriLife

Egg prices continue to set all-time per-dozen price records, and a Texas A&M AgriLife Extension Service expert does not expect that trend to reverse in the near future.

David Anderson, Ph.D., AgriLife Extension economist, Bryan-College Station, said inflationary pressure and the worst avian flu outbreak in U.S. history have combined to send egg prices upward over much of the last year.

For a year-to-year comparison, prices reached \$4.25 per dozen on average in December 2022 across the nation, according to a U.S. Department of Agriculture retail egg report. A dozen eggs was \$1.79 at the same time last year.

The previous peak price occurred in September 2015 - \$2.97 per dozen - and was also attributable to an avian influenza outbreak.

Anderson said he has been inundated with media requests on the subject as the topic of egg prices has become a major talking point among the consuming public.

"One reporter in Houston interviewed a backyard producer who told them this is the first time ever that it's been cheaper to produce eggs than buy them at the store," he said. "The situation with egg prices is something people are following now, but I think it is also something that happened over the course of time with several factors aligning."

**Avian flu driving egg prices upward**

Higher production and logistical costs like feed and fuel have contributed, but the top factor driving egg prices to record highs is an ongoing outbreak of avian influenza, Anderson said. The highly pathogenic viral disease hit the U.S. poultry

til smooth. Gradually stir in pineapple, onions, seasonings and 1/2 cup pecans. Turn out onto a sheet of plastic wrap and shape into a ball. Refrigerate several hours. Before serving, roll in remaining pecans. Serve with crackers.

\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma:

**VEGETABLE BEEF SOUP**

- 1 pound ground beef, browned
- 16-ounce package frozen vegetables
- 12-ounce can V8 juice
- 3 cups water
- 1/2 cup pearl barley
- 1 1/2-ounce package onion soup mix
- 3 beef bouillon cubes

Combine all ingredients in crock-pot. Cook on low 6-8 hours.

\*\*\*\*\*

Jackie Doud, Topeka:

**BLUE CHEESES DRESSING**

- 2 ounces blue cheese, crumbled

- 1/3 cup salad oil
- 2 tablespoons lemon juice
- 1/2 teaspoon sugar
- 1/4 teaspoon salt
- 2 tablespoons chopped parsley
- 3 tablespoons green onion, chopped

Combine all ingredients and chill a few hours before serving.

\*\*\*\*\*

Kimberly Edwards, Stillwater, Oklahoma:

**CHOCOLATE MOUSSE**

- 14-ounce can sweetened condensed milk
- 1 package instant chocolate pudding
- 1 cup cold water
- 1 cup whipping cream, whipped

Additional whipping cream In a large bowl combine milk, pudding mix and water. Beat until well-mixed. Chill for 5 minutes. Fold in whipped cream. Spoon into individual serving dishes. When serving, top with whipped cream.

\*\*\*\*\*



## Cookie Season

By Lou Ann Thomas

If you are among the over 30 percent of people who made resolutions at the turn of the new year and have since abandoned those good intentions, I am with you. But if you are among those who have held the line and are still following the path of goodness and wellbeing, I feel I must warn you of some bumps ahead.

These bumps come in the form of Thin Mints, Peanut Butter Patties and other sweet delights that are otherwise known as Girl Scout cookies. That's right, it's Girl Scout cookie season and this coming weekend, March 3 to 5, is National Girl Scout Cookie Weekend.

I admit I cannot resist Girl Scout cookies. Maybe it's because they are sold by adorable young girls who it feels rude to walk by without buying a few boxes. Maybe it's because they are only available for a brief time each year. Oh, sure, there are knockoffs, but you don't have the valuable perk of rationalizing that by eating an entire box of those you are supporting young girls learning to set goals, about money management, and how easy it is to manipulate adults with an innocent smile and cookies.

The Girl Scout Cookie Program is the largest girl-led entrepreneurial program in the world. And it's successful. Those sweet smiles and innocent faces sell over 200 million cookies a year. This year a new flavor is Adventurefuls, which are crispy, chocolate brownie bowls with bottoms dipped in chocolate then filled with creamy caramel and topped with chocolate

drizzles. Come on! No one can withstand that kind of temptation! No one who is looking for sweet happiness, anyway.

I remember the first time I tasted a Girl Scout cookie. It was a Samoa, a crisp cookie with caramel, coconut, and chocolate stripes across the top, and it was delicious. I was immediately hooked. Every year after that I'd search out a young purveyor of these delicious, sugary treats. Some years I'd buy in bulk telling myself that they would keep for months. But they never did. It wasn't that they'd go stale. No, it was because I couldn't stay out of them and to this day consider expiration dates printed on those boxes as the ultimate waste of ink.

If you haven't been in contact with a Girl Scout cookie provider yet, it's not too late to stock up. As I said earlier, this coming weekend is National Girl Scout Cookie Weekend and local troops will be setting up in shopping malls, retail outlets and wherever cookie lovers move about. You can find where and when troops in your area will be selling cookies by going to [www.girlscouts.org](http://www.girlscouts.org). There you can enter your zip code and a list of locations and times will pop up.

Yes, it might ruin your resolution, but they do freeze well and, I've heard, are tasty thawed. I can only report that they are perfectly delicious eaten frozen. I mean, who has enough patience and self-control to wait for a Thin Mint to thaw?

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

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**Prize for FEBRUARY 2023**

**"Our Daily Bread" Recipe Contest Prize**

**Laura Ashley Vintage Wood Dish Brush w/Pot Scraper**

- \* Measures 3" wide x 11 3/8" long.
- \* Made of Polypropylene, plastic and wood

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

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

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

industry in early 2022 and cases continue to pop up at poultry farms nationwide.

The USDA-Animal and Plant Health Inspection Service, USDA-APHIS, reported almost 58 million commercial poultry birds, including broiler and egg-laying chickens, turkeys and various fowl have been lost to the virus, now reported in 46 states.

The USDA estimated around 43 million egg-laying hens were cut from the U.S. flock through December. The disease hits egg-laying chicken flocks harder because birds are in production much longer than broiler chickens, which increases their risk of exposure to the pathogen.

The losses resulted in U.S. egg inventories that were 29% lower than January 2022, according to the report.

Anderson said the avian flu struck at a time when egg layer numbers had already been reduced.

There were 340 million table egg layer hens in the U.S. flock in December 2019. By December 2020, table layer numbers had been reduced by 13 million hens, to 327 million, as egg production responded to the COVID-19 pandemic and higher feed costs. The number of table layers remained static through December 2021, and then the avian influenza outbreak dropped the number of hens below

300 million by June.

Profit incentive has pushed poultry producers to restore flock numbers amid the outbreak, but egg-producing operations continue to be hit by the disease. USDA-APHIS disease control and containment protocol calls for euthanization and disposal of all birds in a house exposed to the disease.

"We've seen producers respond by building back the flock numbers, but farms are still getting wiped out," he said. "They were up to 308 million by December 2022, but it's two steps forward, one step back."

**Egg demand peaks around Easter**

Wholesale prices continue to rise, which indicates retail egg prices have not peaked, he said. The teetering flock numbers couldn't come at a worse time for consumers.

The January USDA egg report showed prices were steady to slightly lower than December, but yearly prices for eggs often peaks each spring due to Easter holiday egg hunts and baking, he said.

"We have a built-in holiday-driven demand for table eggs," he said. "That demand bump is on the horizon, but the higher prices are also a signal to consumers to use less, so it will be interesting to see if there will be a demand adjustment this Easter."

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By  
Kelsey  
Pagel

## Skeptical Flowers

Matt bought me flowers for the first time ever in our decade of being together. You may recall there was this holiday that just passed where there is a societal pressure of buying flowers for your significant other. But these flowers were not bought on that day, or even the day after. These flowers were bought four days later and not for the purpose of the holiday.

Let's back up a bit and do some backstory. Shop work is not my favorite. Actually, if we're being honest, just between you and me, I strongly dislike it. To add to my frustration, Matt is horrible at putting tools away so it's always a seek and hopefully find mission to get all the supplies you need to do a project.

He decided this year that the drill and some of the planters needed to be rebuilt. New blades, new gauge wheels, new bushings, new all the things that I don't know what they are. The further we get, the more he decides to change because if we're this far in, might as well change that while we're here, right? We are doing all of this ourselves. We're disassembling the gauge wheels, putting new bearings in and replacing the outside rubber.

That's my Matt for you. He can and will figure it out. And he did, no \$250 tool specifically designed to rebuild gauge wheels necessary. My job is to take all the bolts out, while he takes them apart, puts the new bearing in and presses them back together, then I put all the bolts back in. After a whole afternoon of doing this, we reached the end of them and he told me we were done doing that for the year! I was jubilant. I wouldn't do well on an assembly line. The same thing over and over and over. We were only doing the drill and not the planter on the gauge wheels. The planter would get by.

This is where the flowers come in. He gets home late one evening from going on a parts run all afternoon. He brings me the flowers, he had bought Texas Roadhouse for us and he stopped and bought the things I wanted at Harbor Freight. We've been remodeling our kitchen for three-plus years now and we finally hung the microwave over the stove. But that took the place that I'd been putting the salt and pepper. Having unnecessary clutter on the countertops drive me crazy. He bought the magnetic paper towel holder and one of the spray can

holders that are supposed to be for shops. But they work great for salt and pepper holders and getting the paper towels off the counter. Anyway, I'm thrilled. This isn't like Matt. He's not great at doing stuff like that for me. And he made three stops just for me and what I wanted without me having to ask him to do it. And bought me flowers.

I was born at lunchtime, but it wasn't yesterday. I was immediately skeptical of why he was showering me with all the things I've been asking for. The next day when I walked in the shop, I figured out why. Y'all, this man bought all the wheels and bearings to change the planter's gauge wheels! He was messing with something on the bench and didn't see me notice the wheels. I said, "I know why you bought me flowers now." He said, "Why?" I said I saw the wheels. Then he started to laugh and had to tell me the whole story of how he didn't intend to get them for the planter this year, but when he went to get the parts he did need for the planter, the parts guy told him they had ordered these for another guy who didn't end up taking them so they were selling them at their cost and it was just too good of a deal for him to pass up and since we had it figured out how to change them, we might as well.

He tried convincing me that the things he bought for me were not to make up for that. It was because he loved me and appreciated all the things I do for him. I'm not convinced. I think it's because he wants me to help change all these wheels. I just know I won't be asking for flowers again anytime soon with the amount of work that comes with them! My mom always says, "Be careful what you ask for." Grace and patience, friends.

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

## Versatile Popcorn To The Rescue With Delicious Recipes



### CHEESY POPCORN BREAD

Yield: 9 Squares

4 cups popped popcorn  
1 cup yellow corn meal  
2 tablespoons sugar  
2 teaspoons baking powder  
1/2 teaspoon salt  
1 egg  
1 cup 2% milk  
1/4 cup vegetable oil  
1 cup shredded jack or pepper jack cheese  
1 can (4 ounces) mild, diced green chiles, drained, optional  
Preheat oven to 400 degrees Fahrenheit. Spray an 8-inch square baking pan with cooking spray; set aside.

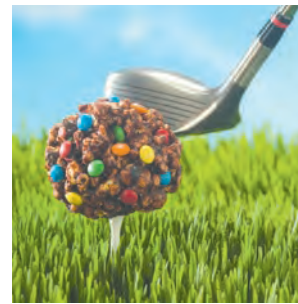
Process the popcorn in a blender or food processor until finely ground. Pour ground popcorn into a large bowl and stir in corn meal, sugar, baking powder and salt until blended.

Beat egg, milk and vegetable oil together in a small bowl and stir into popcorn mixture just until blended. Scatter cheese and chiles, if desired, over batter and stir just until evenly distributed.

Pour batter into prepared pan and bake for 25 minutes or until lightly browned at edges and tester comes out clean. Cut into squares to serve.

**Nutrition Facts:** 220 calories; 12g total fat; 4g saturated fat; 35mg cholesterol; 330mg sodium; 20g carbohydrates; 1g fiber; 5g sugar; 6g protein; 88mg potassium.

\*\*\*



### DOUBLE CHOCOLATE POPCORN BALLS

Yield: 18 balls

1/2 cup sugar  
1/2 cup corn syrup  
1/4 cup butter or margarine  
2 tablespoons cocoa powder  
8 cups freshly popped popcorn  
1 cup semi-sweet mini chocolate baking bits  
Combine sugar, corn syrup, butter and cocoa in medium saucepan; bring to a boil. Add popcorn, stirring until evenly coated. Remove from heat. Stir in semi-sweet mini chocolate pieces. Cool slightly. Shape into 2-inch balls.

NOTE: Can add a few colored M&Ms with baking chips.

**Nutrition Facts:** 150 calories; 7g total fat; 3.5g saturated fat; 5mg cholesterol; 25mg sodium; 24g carbohydrates; 1g fiber; 20g sugar; 1g protein; 18mg potassium.

\*\*\*

### CRUNCHY POPCORN TRAIL MIX

5 cups popped popcorn  
3 cups whole grain oat cereal  
1/3 cup raisins



2 quarts popped popcorn, unsalted  
1 can (4 ounces) flaked coconut, toasted  
1 cup sugar  
1 cup light corn syrup  
1/2 cup butter or margarine  
1/4 cup water  
2 teaspoons salt  
1 teaspoon vanilla  
1 quart vanilla, spumoni or butter pecan ice cream  
Sweetened fresh or defrosted frozen fruit or chocolate sauce, if desired  
12-inch pizza pan

Mix popcorn and coconut in a large buttered bowl. Combine sugar, syrup, butter or margarine, water and salt in saucepan. Bring to boil over low heat, stirring until sugar dissolves. Continue cooking until syrup reaches the hard crack stage (290-295 degrees Fahrenheit).

Stir in vanilla. Pour syrup in fine stream over popcorn mixture; stir until particles are evenly coated with syrup.

Turn half of popcorn mixture onto buttered 12-inch pizza pan; spread in thin layer covering bottom of pan. Mark off into wedge-shaped servings. Repeat using remaining popcorn mixture; cool.



### COCONUT-POPCORN CRUNCH PIE

Yield: 12 servings

For more popcorn recipes visit [popcorn.org](http://popcorn.org).

Cover one layer with ice cream; top with second popcorn layer. Store in freezer. To serve, cut in wedges. Serve plain or with desired fruit or sauce.

**Nutrition Facts:** 380 calories; 17g total fat; 11g saturated fat; 40mg cholesterol; 530mg sodium; 58g carbohydrates; 1g fiber; 52g sugar; 2g protein; 137mg potassium.

For more popcorn recipes visit [popcorn.org](http://popcorn.org).

## Kitchen Cupboard Management 101 Tips To Follow

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

Here are a few tips to take control of storing foods in your cupboard:

\* If you tossed portions of expired foods, buy a smaller container next time.

\* Keep a permanent marker pen in your kitchen and put the date, month and YEAR you purchased the food on the container.

\* When in doubt about storage times, call the company (many have toll-free numbers), write the address on the label,

or check if the company has a website that might answer your questions.

\* If you can't determine how old a food is and the container contains no "use by" date, check for a production code on the container. If it's not possible to

decipher the production code, call or write the company or check if this information might be given on a company website.

\* Practice "first-in, first-out" for foods. If you have purchased several containers of the

same type of food, arrange the containers so you reach for the oldest package first.

\* READ LABELS CAREFULLY for storage information and possible recommended "use by" dates.

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# Special sale supports Kansas FFA

With trailers lining the streets outside of Heartland Regional Stockyards, a sense of excitement surrounding the inaugural special FFA sale, hosted at the selling facility in Plainville on Tuesday, February 14th, could be felt. When the gavel fell at the end of the day, 3,150 head sold as a part of the sale; it's safe to say that livestock producers took advantage of the opportunity to support agriculture's future leaders.

Lloyd Schneider, one of the principal owners of the Heartland Regional Stockyards, was the visionary behind the event and was pleased with the final result. "We are ecstatic with the number of producers that showed up to sell or buy cattle as well as those who showed up to support

the event," said Schneider. "Through this event we were able to support the work of the Kansas FFA and local FFA Chapters in the area to provide the best opportunities possible for FFA members."

Sellers and buyers could donate \$1 per head at the sale to support the Kansas FFA Foundation and a local chapter of their choosing. Heartland Regional Stockyards matched 100% of all per-head donations for the sale.

Area FFA members from the Natoma, Logan, Palco, Phillipsburg, Plainville, Stockton and Victoria chapters attended to help with the event. Members helped check in cattle, served the meal, catered by RC Rubgrub BBQ, and enjoyed seeing the support of FFA from

local livestock producers. Through the sale 13 local FFA chapters received donations to help provide experiences for students.

Phillipsburg FFA Advisor and Stockton native Allison Dix echoed her students' excitement. "We greatly appreciate the support from the producers in our area," said Dix. "It was neat to hear many of them excited to give because they remember the time they spent in FFA and the impact it had on them. This also allowed the students to interact with producers and learn how to interact with new people."

Plans are already under way for the 2024 Special FFA Sale at Heartland Regional Stockyards with a tentative date of Tuesday, February 13th.

The Kansas FFA Foun-

ation is grateful to the producers who showed up to support this cause. They know the future of the Kansas FFA is bright and that is due to the incredible support of Kansas FFA from agriculture producers in northwest Kansas and across the state. This event was brought about by a variety of sponsors who believe in the mission and vision of the Kansas FFA.

Gold sponsors for the event were: 701x Livestock- Rob Paxton- Medicine Lodge; Heartland Regional Stockyards- Plainville; High Plains Farm Credit- Hays and Phillipsburg; Hubbard Feeds- Belloit; Kansasland Tire and Service- Hays; LJ Ranch LTD- Logan; Purple Wave Auction- Manhattan; TIMAC- AGRO USA- Tim Bouchey- Zurich.

Blue sponsors of the sale were: American Family Insurance-Mary Jo Hafiger Agency- WaKeeney & Downer Hull Agency- Plainville; Dix Angus Ranch- Cody Dix- Stockton; Goetz Trucking- Park; Kansas Land and Realty-Larry Riggs- Logan; Lazy H Ranch- Mark Rohr- Hays; Midland Marketing- Plainville; Sturgis Enterprises- Coffeyville; TWI Insurance- Cristi Werth- WaKeeney.

To learn more about the Kansas FFA Foundation, visit their website at <https://www.ksffa.org/foundation/> and discover how you can support the future of agriculture.

To consign cattle at Heartland Regional Stockyards, contact their office at 785-688-4080 or Brandon Hamel at 785-434-6280.

## New report shows beef demand remains strong

According to the latest beef consumer report from NCBA, a contractor to the beef checkoff, demand for beef remains strong. The compilation of research from 2022 reveals that despite various challenges faced by the industry, consumers repeatedly have stated they will continue purchasing beef, both in retail and foodservice.

Current data shows more than two-thirds of consumers reportedly eat beef once a week or more. In 2022, fresh ground beef accounted for 50% of volume beef sales at retail. This trend is expected to continue as a recent survey found that 20% of consumers say they plan to purchase more ground beef in the coming year. On the foodservice front, beef sales were up significantly last year, with both dollars and volume rebounding to surpass the pre-pandemic level of 2019.

According to the report, meat substitutes continue to represent only a small percentage of the market. When it comes to protein sources, consumers consistently rank beef as a top source of protein.

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## Spring Auctions 2023



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**SATURDAY, MARCH 4, 2023 \* TIME: 9:00 AM**

LOCATION: From DIGHTON, KS, 13 miles East on Hwy. 96. From NESS CITY, KS, 17 miles West on Hwy. 96. **Lunch!**

FARM EQUIPMENT, TRACTORS & COMBINES: (\*All tractors & combines are non-running\*) LOTS OF PARTS, TRAILERS PICKUPS: (most pickups need some work) inc.: Collectibles from the 50s, 60s, 70s, 80s, 90s - & pickups and chassis for parts. TRUCKS: (most trucks need some work): 40s, 50s, 60s, 70s, Old school bus; several other trucks for parts. CARS: 60s, 70s, 80s & 90s

See Last Week's Grass & Grain for detailed listings & Check us out on Facebook & at [www.berningauction.com](http://www.berningauction.com)

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### 159± Acres of Tillable Farmland in Ottawa County, Kansas - For Sale by Sealed Bid Only

**Sealed Bids due by Thursday, March 2nd, 2023 @ 3:00pm**

Submit all bids to Brian Rose at 611 E. Iron Ave., Ste. A in Salina, Kansas or by emailing to [brian@kansaslandpro.com](mailto:brian@kansaslandpro.com). Seller Reserves the Right to Accept or Reject Any and All Bids.

159.34± Total Acres • 157.36± FSA Cropland Acres  
1-Mile North of Ada in Western Ottawa County

Seller: Bank of Tescott  
Legal: NE/4 of Section 21, Township 10 South, Range 5 West  
Directions: From the town of Ada, drive 3/4-mile East on Ada Ave. Turn North on N. 30th Rd. and drive 1-mile until you see the Subject Property on the West side of the road.  
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# IS

## BAR S RANCH

### ANNUAL PRODUCTION SALE

Saturday, March 11th, 2023 • Paradise, KS

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SELLING YEARLING AND 2 YR OLD ANGUS,  
RED ANGUS AND CHAROLAIS BULLS  
REGISTERED AND COMMERCIAL FEMALES

---

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David & Stephanie Dickerson | [barsranch2@hotmail.com](mailto:barsranch2@hotmail.com) | 785-483-1454





## O43

She was a little red bald-faced cow that weighed about a thousand pounds on her best day. I had calved her out at least twice by now with no problems.

We've always calved on pasture and sometimes cow attitudes can change due to stray dogs or coyotes. Usually, coyotes are not a big threat, but by the end of winter/early spring the rodent population is thinned out and they will come into calving pastures to hunt mice or clean up placenta scraps, calf ma-

nure, or other goodies, which is easier than hunting. Occasionally, this can lead to fresh-born, wet calves (or a few days old) being subject to the threat of a couple of hungry coyotes; very seldom will a single pose much of a threat.

Calf number three for O43 was, evidently, subject to some threat that morning because as I drove up Momma was already high-headed and snorty, working rapid circles around her baby in "good range momma" style.

I know I should have just let her be, but I was 34 years old and determined to "Git'er done!" I pulled up with the pair on the passenger side of the truck, stepped out, placed my tagging paraphernalia on the flatbed, grabbed my rope and bounded up onto the bed. Working with the cow's timing I slung a loop on that calf and he immediately stood up, which O43 did not appreciate at all. Leaning against the side of the truck bed she snorted and pushed at me as far as she could go, as I fished the calf around to the back of the truck where I then heaved the little bugger up onto the truck. O43 was bellowing like a, well, like a mad cow by now, and she seemed to have a knack for stretching her neck far enough to tap and blow snot all over me no matter what position I took as I prepared to work the calf. He needed castration also, which com-

pounded the process a bit. Every time I would get in position on that calf to stick a tag in his ear, momma would bump me or the calf enough to throw me off target. Suddenly, the truck shook more than it was before, and I looked back at the cow to see her front feet on the back of the Hydrabed and she was on the way up! I left that calf, rope still on his neck, and shimmied up onto the cab roof. Momma didn't like me up there either and she came the length of the bed to the headache rack and continued yelling at me like a locomotive air horn on a railroad crossing! I left the cab roof for the engine hood and slid down to the ground in front of the truck. By now the cow had turned her attention back to her baby and was bawling at him, who was now bawling back. As they stood there on the back of my truck yelling at each

other, I calculated my next move, and decided I would just wait till she jumped off. Problem was, now she wasn't going to leave that calf, and the calf wasn't going to jump off either! I would walk around one side of the cab, and she would move accordingly, bawling out a warning. I moved to the other side, she moved with me and bellowed some more. After about five minutes of this maneuvering, the calf started bobbing along momma's flank and hooked up for some refueling. Momma stopped. I wish I'd have had a camera to get that picture of O43 standing there nursing her calf on the back of my truck! As I contemplated how I would get them down, I thought of my favorite Baxter Black story,

Grass & Grain, February 28, 2023 Page 7  
 "Jose and the Cow." I was sure glad I hadn't left the doors open!  
 I eventually was able to crawl up alongside the truck, grab the dangling rope and jerk that calf off the truck, pull him to me and get my rope back before O43 got to the ground. I shoved that calf back out and laid up under that truck until she eventually took him on out far enough for me to move without drawing her attention.  
 We tagged him at branding time!  
 Kirk Sours is a ranch manager in northeast Kansas, shaped and molded by the Kansas prairie since the age of eight. His major hobby is writing commentary, short biographical stories, and he is active in the community. Email him at: sours.kirk@yahoo.com.

## Backyard Poultry 101 meeting planned for March 30

Frontier Extension District will host an educational opportunity titled, "Backyard Poultry 101." This public meeting will be held March 30, 2023, beginning at 7:00 p.m. at the Garnett Community Building on the Anderson County Fairgrounds in Garnett.

Dr. Scott Beyer, Kansas State Extension poultry nutrition and management specialist, will highlight many aspects of owning and raising poultry. He will discuss having a bio-security plan to pro-

tect your birds from the Highly Pathogenic Avian Flu. Other topics will include Poultry Housing and Management, Selecting the Best Breeds for Production, Getting the Most Eggs from your Flock, Molting a Flock, and Vaccinations and Health Care. There will be something for everyone.

With the demand for

poultry products on the rise, and a dozen eggs currently costing over \$5.00, it is a real treat to be able to grow your own broilers or eat fresh eggs. Fresh eggs are tastier than those you've purchased from the grocery store and they are also great when used for baking.

If you have questions or need more information

about the Backyard Poultry 101 meeting, please contact Rod Schaub by calling 785-828-4438 or by email at: rschaub@ksu.edu. See you at the meeting!



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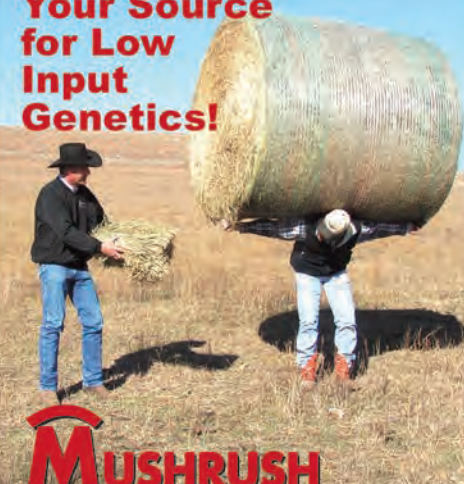
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**25<sup>th</sup> ANNUAL PRODUCTION SALE**  
Friday, March 17, 2023  
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**CHAROLAIS PRODUCTION SALE**

**SATURDAY, MARCH 18<sup>th</sup>, 2023 • 1:00 P.M.**

**Lunch 12:00 Noon • At the Ranch • 1716 280 Rd, Formoso, KS**

Selling 100 yearling and long aged bulls. Sired by popular sires: 5627, 8576 Brave, 025 Patriot, Tank King, CR Milestone, Affinity, Savage, Patriot, Nitty Gritty, SAT Momentum, Free Lunch, Tombstone, G933 Gold Rush, DL, Plateau, and Badge

 <b>K949 • Reg# M980490</b>	<p>JDSC Redemption G77 x 203 Dominator</p> <p>BW 81 • WW 766 YW 1352 • CE 2.9 BW 1.3 • WW 64 YW 113 • Milk 22 MTL 54 • TSI 254.27</p>	 <b>K2 • Reg# M978576</b>
 <b>K222 • Reg# M980419</b>	<p>WC Bravo x 1235 Bronco 9026</p> <p>BW 77 • WW 696 YW 1320 • CE 8.8 BW -1.7 • WW 53 YW 105 • Milk 27 MTL 54 • TSI 251.01</p>	 <b>250 • Reg# MP5058</b>

TS G933 Gold Rush x H8 Resource  
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If one more person tells me Kansas is flat...

A couple from Minnesota came into the Fort Wallace Museum. They had driven over miles and miles of Kansas, much of it on the High Plains. They stood looking south

through our windows toward the bluffs along the Smoky Hill River, rugged and challenging bluffs and canyons. But those were obscured in the distance and the veil over the beauty of Kansas was drawn. They had driven past,

but did not visit, Monument Rocks and Little Jerusalem, two of the most famous and photographed sites in our great state. Let's say they crossed the state line on I-70 from Missouri and headed west from there. The bluffs on the Missouri and Kansas rivers are stunning. If you drove north and followed the Missouri on the Kansas side, you would come to Leavenworth where the view from the post is one of the most beautiful in the state. (In fact, Col. Henry Leavenworth was ordered to locate the fort on the east side of the river, which is FLAT,

and correctly decided the high ground was a better option.)

But back to I-70. The rolling countryside is simply lovely, especially in the spring. Moving ever westward, the Flint Hills beckon. The prairie rises and falls forever, dotted by cattle, the occasional buffalo, and at certain times of day, deer grazing in the shadows.

By the time you reach Wakeeney, the climate changes. Even though there is cropland and large wide, almost flat expanses, the elevation has been climbing since crossing the state line.

In fact, the official elevation in Kansas City, Ks., is 866 feet. So, by the time you reach Wakeeney, it is well over 2000 feet, and at Wallace, 3,314 feet. By the time one reaches Mount Sunflower, around 20-plus miles as the crow flies, you have reached more than 4,000 feet.

Kansas is so deceptive. While Minnesota is a lovely state, with all those lakes and trees and stuff, the elevation varies only 1,700 feet from one corner to the other. Kansas varies more than 3,000 feet from its low point at 679 feet on the Verdigris River to Mount Sunflower. (FLAT!

Don't get me started on Illinois!) But those low/high points are not the story. The story is far from flat. It is diverse and rugged and rolling and always surprising.

So, when the next person tells me that Kansas is flat, well, I'll just tell them they need to explore a little more.

Deb Goodrich is the host of *Around Kansas* and the *Garvey Texas Foundation Historian in Residence at the Fort Wallace Museum*. She chairs the *Santa Fe Trail 200*, marked from 2021-2025. Contact her at [author.debgoodrich@gmail.com](mailto:author.debgoodrich@gmail.com).

# Schreiber Angus

## Annual Spring Production Sale

# March 14, 2023

Tuesday • 1 pm • At the ranch near Beaver, KS • 949 NE 190th RD • Claflin, KS 67525

Selling: 45 Two-year-olds • 20 18-month-olds • 10 Yearlings • Replacement Heifers • Commercial Black Angus • F1 Heifer Pairs

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**SA Infinity 1141**  
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CED	BW	WW	YW	MK	MB	\$M	\$C
+10	+6	+79	+128	+25	+28	+95	+262

**SA Rangefinder 1104**  
20259218 • 01/26/2021



CED	BW	WW	YW	MK	MB	\$M	\$C
+8	+1.1	+77	+129	+24	+75	+75	+288

**SA Tombstone 1315**  
20306238 • 01/28/2021



CED	BW	WW	YW	MK	MB	\$M	\$C
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Sires Represented: Nuke, Fortify, Tombstone, Epic, Payweight, Infinity & Additional Top Quality Bulls

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# Circle S Ranch

## 16th Annual

### "Going to Grass" Production Sale

Saturday, April 1, 2023

1:00 PM CST in Canton, KS

NEW SALE LOCATION!

Circle S Ranch's *new Legacy Barn*

Address:  
1652 28th Ave.  
Canton, KS

Offering....67 fall & yearling bulls  
8 Gelbvieh show heifers  
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Bulls and heifers like these will sell!



# The National Wheat Yield Contest is open for 2023 entries

The National Wheat Yield Contest (NWYC) is accepting entries for 2023. Farmers growing winter, spring, irrigated or dryland wheat are encouraged to get their entries in now. There are a couple of changes to this year's contest rules. There is now only one deadline and one price for entries per growing season. Winter wheat entries are due May 15,

2023, and spring wheat entries are due August 1, 2023.

Each entry will cost \$100. There are many partners with entry vouchers that contestants are encouraged to use. On the entry form, contestants will select the voucher they are applying to use for their entry payment. Contestants are encouraged to enter early and

plan what management techniques they will adopt to reach their top yield potential. The wheat yield contest encourages contestants to strive for high yield, quality and profit. Each contestant must save an 8 lb. sample of their wheat and the 24 national winners will send their samples in for analysis of baking and milling characteristics. Additionally,

there is a test weight requirement for eligibility to win the national contest. Depending on class, wheat must exceed 57 or 58 lb. test weight to compete.

"Growers who are shooting for high yields, select a good variety and provide the crop with proper management for their yield level usually end up with high quality wheat. Our quality testing over the past couple of years has proven this," says Anne Osborne, director of the contest.

Partners in the NWYC provide financial resources and much more. The partners help their customers maximize their

yield, quality and profit. They help the growers enter the contest and recommend when and which acres of the field they should submit. The NWYC is only possible because of partnership with these important contributors. WestBred, John Deere, U.S. Wheat Associates, BASF, The McGregor Companies, Croplan, Eastman, AgriMaxx, Ardent Mills, DynaGro, Limagrain Cereal Seeds, PlainsGold, UPL, Ohio Corn and Wheat, Mennel Milling, FarmLogs powered by Bushel, GrainSense, Miller Milling, North Carolina Small Grain Growers, Grain Craft, Grow Pro Genetics,

Michigan Wheat, Kansas Wheat, Northern Crops Institute and the North Dakota Mill and Elevator are all helping with the contest.

National winners will receive a trip to the 2024 Commodity Classic, which will be in Houston, Texas. They are invited to the winners' reception along with their families, seed suppliers and agronomists. Quality winners will be recognized per class and have the opportunity to earn an extra cash award.

To learn more about the contest and to enter go to [www.yieldcontest.wheatfoundation.org](http://www.yieldcontest.wheatfoundation.org).

## Researchers taking team approach to Kansas' water challenges

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

The director of a Kansas State University program that works to address the state's water challenges credits a team-first philosophy for progress being made to improve water quality and conserve available resources.

Susan Metzger, the associate director for K-State Research and Extension and director of the Kansas Center for Agricultural Resources and the Environment, said it's common for K-State faculty to work together across several areas of expertise to study water issues.

"We really consider our work to be a cross-university partnership," Metzger said. "We have researchers who might be sociologists or economists or agronomists or something else, all pulling together because no one discipline can tackle our water resource challenges."

Metzger recently kicked off a weeks-long series of water discussions with K-State researchers currently being aired on K-State Research and Extension's weekly podcast, Agriculture Today.

Water quality and conservation, Metzger said, "is not a new issue. It's been a concern since before Kansas even became a state. It just seems to always come to the forefront of our attention whenever

we're in times of extreme drought, which is certainly what we've been experiencing in Kansas lately."

Metzger noted a project in Hays in which city officials and a K-State watershed specialist are working together to implement water quality and conservation practices within the entire watershed, or the land area that channels surface water to a single point from where it is accessed.

"They are investing in practices that improve their water supply," Metzger said. "What happens in the watershed above our cities and towns impacts the water supply that we rely on for drinking water."

That project "is focused on one community, but there are many larger, urban communities that can echo the same practices, too, and K-State has a role in all of those watersheds." A project in the Little Arkansas watershed, for example, is helping to improve the water for the city of Wichita, she said.

In western Kansas, Metzger said Jonathan Aguilar - a water engineer at K-State Research and Extension's Southwest Research Center in Garden City - has become the go-to guy for water research in that critical region.

Aguilar's recent work includes a study of the perceptions of farmers

toward water use in the region of the Ogallala Aquifer, a shallow water table aquifer that stretches across 174,000 square miles and touches parts of eight states, including the western third of Kansas.

"What we have learned is that creating a culture of conservation is a place where K-State Research and Extension can be helpful," Metzger said. "We're a trusted resource on the ground with local producers and communities, so we can help set up those conversations that build a culture of conservation that helps farmers adapt when there are new regulations or other tools. We're there to help them adapt to that change."

Metzger said K-State agricultural economist Bill Golden's work focuses on the economic impact of changing water quality or water conservation practices. She noted that his multi-year research has shown that farmers can reduce water use and still be profitable.

Through early March, Agriculture Today host Samantha Bennett is taking on the conversations regarding municipal water practices, as well as research done by Aguilar and Golden. Look for the podcast online at [www.ksre.k-state.edu/news/radio-network/ag-today.html](http://www.ksre.k-state.edu/news/radio-network/ag-today.html), or through your preferred streaming platform.

## Antique & Collectible AUCTION

SATURDAY, MARCH 11, 2023 - 9:30 AM  
119 Cedar Street, HOPE, KANSAS

First of 2 sales! Entire Estate with a Large Amount of VINTAGE & UNIQUE items inc.: Cast Iron, Crocks, Vintage Toys, Vintage Furniture, Eisenhower Items, Vintage Beer Bottles & Bottling Equip., Vintage Signs & Emblems, Clocks, Stereos, Albums, Household, Coca Cola Items, Christmas & MUCH MORE!

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Auctioneer, Loren Meyer, 785-212-1903  
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## FARM EQUIPMENT AUCTION

SATURDAY, MARCH 11, 2023 \* TIME: 9:30 AM  
LOCATION: Wichita County Fairgrounds, East edge of LEOTI, KS

**COMBINE & SPRAYER:** 2009 JD 9770 combine, 2816 engine hrs., 3740 separator hrs., 816 hrs on engine overhaul, #9770S733822 (good shape); 2014 JD 4830 sprayer, 120 ft. ss booms, 1,000 gal. ss tank, auto track, auto leveling, 3145 hrs., (very nice).  
**TRUCKS:** 2001 Freightliner semi-truck, sound truck, lots of repairs; 1979 Chevy C-60 tandem truck, 366 mtr, 5x2 spd trans., 20' bed & hoist, less than 5,000 mi. on overhaul; 1973 Ford F-700 tandem truck, V-8 mtr, 5x2 spd. trans., 20' bed & hoist; 1998 IHC 4700 feed truck, auto. w/Harsh 575 mixer box, scales; 1974 Chevy truck, V-8 mtr, 4x2 spd. trans., 15' bed & hoist, roll over tarp; 2001 Freightliner truck w/Harsh 575 mixer box, non-running.  
**TRACTOR & FARM EQUIPMENT:** 1971 JD 4320 tractor, 3pt. pto, non-running; Sunflower 7x5 sweep plow w/pickers, NH3; Tool bars; Discs; Drills.  
**TRAILERS:** 2012 Hitchcock end dump trailer, needs hoist; 26' tandem axle trailer; 2000 S&H bumper pull 3-horse trailer, front tac; 1994 Chaparral 6x14 gooseneck stock trailer, single axle, full top.  
**IRRIGATION ITEMS:** JD diesel irrigation motor, 4-cylinder good shape; 2,400 ft. of 8" pvc irrigation pipe, gated & flow line; (3) Pipe trailers; (2) Steel wide wheels for TL sprinkler; Pipe fittings.  
**LIVESTOCK EQUIP.:** Portable corral panels; rolls of smooth & barbed wire; steel & wood posts; feed bunks; Deweze Super Slicer bale processor; Paul portable livestock scale w/rack, Model 205-2000; hog feeders; hog slats; bale feeders; Fence chargers; water tanks; **Lots of other livestock items.**  
**OTHER FARM ITEMS:** (64) Schlagle closing wheels; Antique farm equipment; Westfield drill fill auger, hyd.; fuel tanks; 13' sheet metal, bundled in 40 sheet bundles; (3) 3 hp electric aeration fans; Patriot stalk smasher off of JD 8270R; Handlar III cone inductor, 70 gal.  
**SHOP & OTHER ITEMS:** (2) 100 lb. propane bottles; Hand Tools & Shop items; Generaco Power washer; Impact wrenches; 10' & 12' extension ladders; cement finishing tools; Brick wet/dry saw; (2) 30 gal barrels of Mobile 220 motor oil, new; Welders; Olson Band saw.  
**ITEMS FROM SERVICE STATION CLOSING (ALL NEW):** (400) filters; (400) serpentine belts; (103) hoses; (62) pkg of grease fittings; (100) work gloves; (Lots) of misc. hardware; (65) brake sets; (45) spindles of hose; (736) brass fittings; (350) garden hose fittings; (100) small engine filters; **Lots of items not listed.**  
**MOTORCYCLE, ATV & MOWERS:** 2006 Hustler zero turn mower, recent new Kawasaki motor, Commercial 60"; 2009 JD riding mower, 532 hrs., need some work; 2009 Grasshopper zero turn mower, 1,517 hrs; 1984 Honda Goldwing motorcycle, digital dash, 32,610 miles; Artic Cat 750 4-wheeler.

Check us out on Facebook & at [www.berningauction.com](http://www.berningauction.com)

**AREA FARMS, OWNERS**  
**ALL ITEMS MUST BE REMOVED BY April 10, 2023!**  
**TERMS:** Must show VALID ID to register. NO EXCEPTIONS! Cash or approved check day of sale. Everything sold as is. No warranties expressed or implied. Not responsible for theft or accident. Announcements day of auction take precedence. **LUNCH SERVED.**  
**NOTICE:** Due to Covid-19, you are responsible for your own SAFETY and HEALTH. The auction company nor the seller will be held responsible. Social guidelines are in place, so please be respectful. We know auctions are a hard place to social distance, so we will have masks and hand sanitizer available. Enjoy the auction!  
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# 32nd Annual BOYER LIMOUSIN & LIM-FLEX PRODUCTION SALE

GUEST CONSIGNORS: KOSTAL FAMILY CATTLE & KK FAMILY FARMS

## SUN., MARCH 12 - 1 p.m.

AT THE RANCH - LIBERTY, NEBRASKA

*Selling...* 50 LIMOUSIN & LIM-FLEX YEARLING & AGE-ADVANCED BULLS  
20 REG. & COMMERCIAL BRED & OPEN REPLACEMENT HEIFERS

A.I. SIREs: CJSL Data Bank • Wulfs Gaylord • LFLC Easy Street • JBV Yellowstone  
RODZ About Time • SVES Encore • Wulfs Eisenhower  
HERD SIREs: LVLS Optimizer 8106E • LVLS Stabilizer 5794F • Sandhills Envision 51G  
L7 Foxrot 8037F • LVLS Stabilizer 6745H • LVLS Optimizer 4G • Boyer's Heavy Rider 842H

**VIEW VIDEOS & CATALOG ... [www.jboycattle.com](http://www.jboycattle.com)**

**BOYER'S MR. 154J**  
69% Limousin • Dbl Polled • Dbl Black • 10/12/21  
LVLS Optimizer 4G x JTBO Ms Yellowstone 154Y  
CE BW WW YW MK YG REA MB SMTI  
13 1.0 69 106 17 -0.24 0.68 0.04 54

**BOYER JACKO FALL TRADES 5190J**  
89% Limousin • Dbl Polled • Red • 10/19/21  
L7 Foxrot 8037F x Boyer's Mr. Fathom 5190F  
CE BW WW YW MK YG REA MB SMTI  
13 -0.4 64 87 26 -0.49 1.02 -0.20 46

**BOYER'S MR. KAISER 029**  
58% LF • Dbl Polled • Dbl Black • 1/15/22  
Boyer's Heavy Rider 842H x JTBO Holly H  
CE BW WW YW MK YG REA MB SMTI  
11 0.8 75 117 24 -0.19 0.78 0.21 62

**BOYER'S HYANNIS 190K**  
93% PB • Dbl Polled • Red • 3/23/22  
Wulfs Hyannis 4785H x JTBO Ms Yonkers 190Y  
CE BW WW YW MK YG REA MB SMTI  
10 2.3 75 115 24 -0.58 1.25 -0.22 49

**JTBO KINDHEARTED GAL**  
95% PB • Dbl Polled • Dbl Black • 3/8/22  
JBV Yellowstone 901G x JTBO Ms Bold Move 4869B  
CE BW WW YW MK YG REA MB SMTI  
7 2.4 71 106 29 -0.56 1.28 -0.12 52

**JTBO KOSHWER 25K**  
52% LF • Dbl Polled • Dbl Black • 3/16/22  
LVLS Optimizer 8106E x JTBO Ms Cassie 5910C  
CE BW WW YW MK YG REA MB SMTI  
11 0.6 74 109 23 -0.19 0.68 0.14 59

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# NEED LADIES?

we've got 'em

## Production Sale:

### March 27th 2023 @ Noon

56 - Horned Hereford Bulls  
53 - Black Angus Bulls

70 - BWF Spring Pairs  
25 - Hereford Spring Pairs  
110 - Fall Bred Heifers (BWF, HH & AN)

25 - AQHA Colts  
3 - AQHA Riders

no overfed, fat bulls

bulls built with frame & length

you see performance, not a large feed bill

guaranteed breeders

# K-State releases reports from 2022 Kansas Crop Performance Tests

By Pat Melgares, K-State Research and Extension news service  
Each year, Kansas State University tests the performance of the major crops grown in the state

to provide unbiased, agronomic information to producers, Extension workers and seed industry personnel.  
In 2022, Mother Nature had her own plans.

The university's 2022 tests for four major crops – corn, sorghum, soybeans and sunflowers – were hindered by drought across most of the state. And when dry conditions weren't the nemesis, untimely weather events – such as hail that wiped out all but one of the sunflower trials – played a part, too.

"It was a rough year for our crop trials," said Jane Lingenfelter, a K-State assistant agronomist who manages the university's crop performance tests each year. "2022 was categorized as the worst weather year that Kansas has seen in nearly a decade, and the western half of the state was the hardest hit."

"This was the driest growing season in Garden City in about 130 years of record keeping, according to the Kansas Mesonet,

with less than five inches of precipitation recorded by the end of September. In other areas of the state, the period of June through August was the driest on record for southeast Kansas, and the second driest for southcentral Kansas."

In addition to drought, temperatures routinely hovered around 90 degrees Fahrenheit or higher. Dodge City and Wichita recorded the fourth warmest year on record; Ashland recorded 112 days of 90-degree-plus temperatures, and 43 that topped 100.

In eastern Kansas, Lingenfelter said many areas went from being drought-free, to severe drought over a three-month period.

"There is no part of Kansas that wasn't affected by drought and heat this past year," she said. "Even our irrigated fields weren't immune to the effects of drought stress, particularly with numerous days over 100 degrees, and even though there have been tremendous advancements to drought

response in commercial hybrids and varieties."

"But at the end of the day, these (crops) are living organisms that require a base level of inputs in order to survive, and that 4.8 inches of precipitation in Garden City was not (a base level). So, as a result, numerous testing locations failed in 2022 and are not part of this year's reports on crop performance."

Detailed results of the 2022 Kansas Crop Performance Tests are available online for each major crop grown in the state – including yields and top performing varieties by region. Copies of individual reports can also be viewed online or purchased from the K-State Research and Extension bookstore, or information is available at local Extension offices in Kansas.

"I would encourage everybody to seek out all the sources and years of data they can find" when considering varieties to grow in 2023, Lingenfelter said. "Keep in mind that all of

the production factors in 2022 are weather-related and were beyond our control. It's very important to find the products that fit your management and production practices."

## Kansas farm numbers lower

Kansas's number of farms and ranches declined during 2022, according to USDA's National Agricultural Statistics Service. The number of farms and ranches in the state, at 57,700, was down 900 farms from 2021. Numbers of farms and ranches in Kansas with less than \$100,000 in agricultural sales decreased 800 farms from a year earlier while operations with agricultural sales of \$100,000 or more decreased 100 farms. Land in farms and ranches in Kansas totaled 45.7 million acres, unchanged from 2021. The average size of operation, at 792 acres, was up 12 acres from a year earlier.

**NEW HAVEN Angus**  
24th Annual Production Sale



New Haven Plus One J108

**Saturday – March 25, 2023 – 12 noon**  
At the Farm: 24181 187th Street, Leavenworth, KS

**Selling:**  
Registered Angus – Fall Yearling Bulls and Yearling Bulls  
Registered Angus Females Spring & Fall Pairs  
Commercial Angus Heifers – Fall Breed

**Brandon New 913.680.4414**  
www.newhavenangus.com

Herd Est. in 1954

**Don Johnson ANGUS** *27th Annual PERFORMANCE BULL SALE*

**Monday, March 6, 2023**  
6:30PM • Farmers & Ranchers, Salina, KS

**Featured Sires**  
Deer Valley Growth Fund, Musgrave 316 Exclusive, Sterling Pacific 904

**NO CREEP**  
All bulls sell with Genomic Enhanced EPD's  
All bulls have passed a Complete Breeding Soundness Exam  
All bulls are born and developed by Don Johnson Family

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See catalog at [www.donjohnsonangus.com](http://www.donjohnsonangus.com)

**AUCTION**  
**SATURDAY, MARCH 4, 2023 — 10:00 AM**  
Auction will be held at the home - 102 Main in LEBANON, KANSAS

**CARS, PICKUPS & TRACTORS Sells at 12:00**  
1997 Ford F150 extended cab pickup automatic, 4.2 engine, 160,000 miles, good; 1996 Ford F150 extended cab 4-wheel drive pickup, automatic, 5 lt. engine, fully loaded, 169,700 miles, good; 1963 Ford Fairlane 2 door convertible, Mercury motor, 30,298 miles; Early 1960's IHC pickup, slant 4 cylinder engine, 4 speed; 1955 Dodge Royal 4-door car, V8 automatic; 1954 Chevrolet 4 door car, 6 cy, automatic, 98,425 miles; 1951 Chevrolet 4 door car, Power Glide 6 cy, 57,178 miles; 1951 Ford 2 door car flat head 8, 3-speed, 48631 miles; 1967 Ford 100 pickup V8, 4 speed, 96,000 miles; 1969 Ford pickup V8 automatic, air; 1967 Lincoln Continental 4 door car, loaded; 1984 Lincoln Mark VII 2 door diesel car; 1965 Allis D17 propane tractor; Minneapolis Moline R tractor; John Deere D unstyle tractor; Renault 10 4-door car, 83,490 miles; Audi 2 door car, 59,424 miles; Datsun 4 door car; 3 Bridgestone 175 motorcycles; 2 wheel 6'x10' trailer w/ramp, like new.

**TOOLS & YARD EQUIPMENT**  
Hydraulic hose machine; hose making equipment; upright 220 air compressor; 8' metal bench w/vice & bench grinder; parts washer; Miller 110 welder; Solar battery charger; portable generator; transmission jack; acc. torch & bottles; drill press; engine stand; hyd floor jack; Viking motor hoist; heavy press; cutoff saw; pipe wrenches; pullers; air tools; large assortment of wrenches, sockets & other tools; shop vac; valve grinder; generator tester; engine analyzer machine; Napa cabinets; other advertising cabinets; flat head 8 cy motor; new belts; folding ladder; ZTR riding lawn mower; Charger front deck lawn mower 50"; Huskee snow blower; DR string trimmer; Homelite HJTC 12 tiller; Craftsman rear tiller; 15 gal. yard sprayer on wheels w/12 volt motor; lawn mowers; martin houses; **COLLECTIBLES:** Coca Cola model 27 coin operated machine 30" tall; IHC pedal tractor; Pacer pedal car; coaster wagon; 2 sets iron wheels; Motorcraft clock; pine 1 door cabinet; assortment of other items.

**NOTE:** Joe ran a shop for over 60 years. His tools are in good condition. He has collected cars & pickups for many years. The vehicles are in a building and ran when put in. Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com).

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

**Premium Genetics Bull Sale**  
Simmental | Sim Angus™ | Red Angus | Angus  
**Saturday March 11, 2023 ~ 1:00 p.m.**  
Frankfort, KS ~ Huninghake Angus Ranch

 ASA: 4053828 ~ PB Simmental	 AAA: 20560067 ~ Angus
 ASA: 4053827 ~ PB Simmental	 AAA: 20570477 ~ Angus
 ASA: 4053850 ~ PB Simmental	 AAA: 20560066 ~ Angus
 ASA: 4062255 ~ SimAngus™	 RAAA: 4716407 ~ Red Angus

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**KULL'S OLD TOWN STATION \* TOPEKA, KANSAS**

**NOTE:** Due to the Proxibid Marketplace PROHIBITION OF THE SALE OF USML Categories I, II, III, and V (e.g., machine guns, silencers and linked ammunition), and since they've mandatorily increased their 3rd party online participation on FIREARM commissions by 150% we've elected to offer all the below plus more on our **NEW BIDDING PLATFORM & WEBSITE:**  
[www.Armsbid.com](http://www.Armsbid.com) or [www.KullAuction.com](http://www.KullAuction.com)  
Please check us out, tell your friends and give us your feedback! Thanks **OVER 600 lots to includes a RARE & DESIRABLE German WWII MG-34 fully automatic machine gun** on mount, FN G-1 full auto rifle, Browning/FN, Carl Gustaf, Colt, CZ, Enfield, Feather Industries, Mauser, Glock, H&R, Intratec, Ithaca, Lefever, Lusa, Marlin, Mossberg, PAWS, Remington, Rossi, Ruger, Smith & Wesson, Saiga, Savage, Schmidt Rubin, Sig Sauer/Sig Arms, Springfield, Standard Manufacturing, Taurus, Walther, Winchester and many others! **Top notch selection of concealed carry & home defense guns – Silence Co. silencer – over 100 lots of U.S. coins & currency - plus 1000s & 1000s of rounds of 8mm belt fed, 9mm, .223, .38, 5.56, shot shells, antique & collectible ammo, blades, gun books & more.**













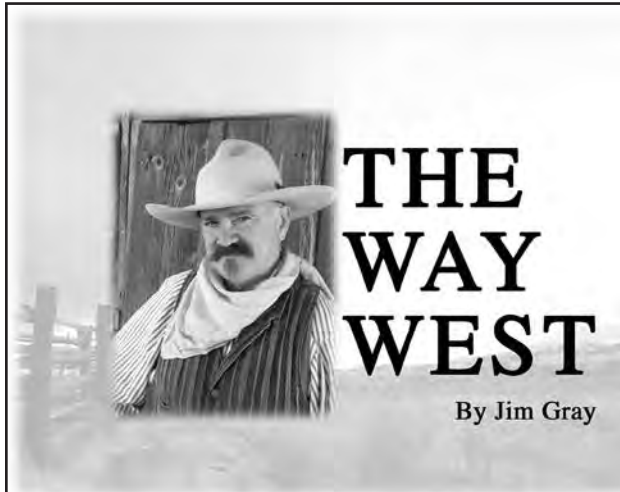
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# THE WAY WEST

By Jim Gray

## An Ill-Fated Day

Deputy U.S. Marshal Jack Bridges stepped into the darkened Ellsworth barroom in search of four desperate horse thieves. Suddenly he found himself face-to-face with Jack Ledford and his gang. Supposing that their time had come, the desperadoes sprang on Bridges all at

once. With no time to go for his pistol Bridges "fastening his teeth" to Ledford's neck and, "held on as a vicious dog would to the neck of a bull." All the while Ledford's three partners pounded and beat Bridges over the head with their revolvers until his

cranium resembled a raw steak. As he lay motionless on the floor they walked into the night and, "LEFT HIM FOR DEAD."

Bridges was carried to a doctor at the nearby drug store. His skull was fractured and several ribs were broken. Bridges was described by fellow Deputy Marshal Charles Miller as, "a short, wiry little fellow, about 5 feet 4 inches tall, and all backbone, and did not weigh over ninety-five pounds when in good health." As he lay recuperating from the barroom thrashing Deputy Marshal Bridges swore he would kill Jack Ledford.

Meantime Ledford changed his operations to southern Kansas, choosing Wichita for his headquarters. There he fell in love with Alice Harris, the stepdaughter of Henry Vigus, the owner of the Buckhorn Tavern and Hotel. She refused to marry an outlaw. Since he was recovering from a wound incurred during a recent stagecoach robbery he "announced that he would give up the outlaw business."

He seemingly purchased the Wichita House from P. C. Hubbard, renaming the hotel the Harris House in honor of his bride. The Leavenworth Bulletin exposed the truth behind Ledford's apparent change of character say-

ing, "Ledford was nothing but an unprincipled ruffian. He drove Mr. Hubbard, the real owner and proprietor of the Harris House, out of the hotel at the point of a pistol." Ledford was hailed as one of Wichita's outstanding citizens, but then those were the days when the town was ruled by questionable men, all with connections to the horse thief crowd.

Ledford employed Charlie Jennison, a known Colorado desperado, as his hotel clerk. The stage office with connections to "all points of the country" was in the Harris House, giving Ledford regular information as to the stage coach business.

At any rate, Marshal Bridges learned of Ledford's whereabouts and prepared to take him in. In 1894 Fred Sowers, a former Wichita groceryman, spoke of Bridges and Ledford in a *Wichita Beacon* interview. Bridges had told Sowers that he had ridden with Ledford during the war. "That man was a devil," said Bridges. "I saw him kill a sergeant and six soldiers that had been sent after him once, and he did it in walking less than 10 feet. He never got excited, and he never missed his aim."

For that reason Marshal Bridges asked Fort Har-

ber for a company of soldiers and four scouts to serve a warrant for Ledford's arrest. "That one man is equal to a regiment in a fight," explained Bridges.

At 1:00 p.m. February 28, 1871, Deputy Marshals Jack Bridges and Lee Stewart rode into Wichita with 25 soldiers of the 5th U.S. Infantry under the command of 1st Lt. E. L. Randall. After an extensive search Ledford was discovered hiding in an outbuilding behind the hotel.

Eyewitness Sowers recalled the shootout in the 1894 *Wichita Beacon* interview. Ledford had little time to react when the officers rode into town. He was unarmed and the only pistols at his disposal were old and not his own. Ledford was cornered in the outbuilding and at the mercy of the approaching officers. Throwing open the door Ledford triggered the pistols and even though they didn't fire properly two shots hit Bridges in the arm. Bullets split the air around Ledford as he rushed Bridges who was lying prostrate on the ground.

"Yes," said Judge McCantles, "I was there when Eli Fitzgerald threw a pistol over my head to Ledford and cried, 'There's a pistol that will work, Jack.'"

"But Ledford never got hold of the pistol," said Sowers. When Ledford reached Bridges he began beating the lawman over the head with one of the ineffectual pistols. Rising to his feet, Ledford walked toward Fitzgerald's pistol while "a company of soldiers were peppering away at him." Meantime Deputy Marshal Stewart had worked his way behind the outbuilding. Just as Ledford stooped to pick up the pistol Stewart shot him in the back.

The lawmen continued firing as they carried the wounded Marshal Bridges away. Ledford staggered into a wholesale liquor store and fell to the floor. Friends carried him to the Harris House where he died in less than thirty minutes.

Sowers related Bridges' final comment on the subject of his old nemesis, Jack Ledford. "If he had had his own pistols the day he was killed I and 11 other men would have bit the dust... Every bullet carried death with it when Jack Ledford pulled the trigger," except on that ill-fated day in Wichita when his pistols didn't work on The Way West.

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

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# Farmers & Ranchers

## AUCTIONS EVERY MONDAY & THURSDAY

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

TOTAL FOR THE WEEK: CATTLE 4,307.

<p><b>BULLS: \$133.50-\$145.00 * COWS: \$89.50-\$106.00</b></p> <p><b>STEERS</b></p> <p>300-400 \$254.00 - \$267.00 400-500 \$250.00 - \$264.00 500-600 \$240.00 - \$255.00 600-700 \$220.00 - \$238.75 700-800 \$185.00 - \$200.00 800-900 \$175.00 - \$186.00 900-1,000 \$169.00 - \$177.00</p> <p><b>HEIFERS</b></p> <p>300-400 \$215.00 - \$225.00 400-500 \$210.00 - \$224.00 500-600 \$200.00 - \$213.00 600-700 \$183.00 - \$194.50 700-800 \$167.00 - \$177.00 800-900 \$161.00 - \$171.50</p> <p style="color: red;">THURSDAY, FEBRUARY 23, 2023</p> <table border="0" style="width: 100%;"> <tr><td>12 Blk Sylvan Grove</td><td>368@267.00</td><td>5 Mix Bennington</td><td>508@205.00</td></tr> <tr><td>3 Blk Clay Center</td><td>385@266.00</td><td>8 Mix Tescott</td><td>498@202.00</td></tr> <tr><td>5 Mix Brookville</td><td>437@264.00</td><td>20 Mix Salina</td><td>550@202.00</td></tr> <tr><td>5 Blk Beverly</td><td>535@255.00</td><td>8 Blk Abilene</td><td>505@201.00</td></tr> <tr><td>13 Blk Timken</td><td>495@254.00</td><td>9 Mix Tescott</td><td>582@199.00</td></tr> <tr><td>8 Blk Buhler</td><td>466@252.00</td><td>3 Mix Marquette</td><td>507@198.00</td></tr> <tr><td>3 Char Clay Center</td><td>512@250.00</td><td>18 Blk Ellsworth</td><td>610@194.50</td></tr> <tr><td>8 Blk Buhler</td><td>538@250.00</td><td>67 Blk Claflin</td><td>639@193.00</td></tr> <tr><td>6 Blk Galva</td><td>496@249.00</td><td>25 Blk Beloit</td><td>619@192.00</td></tr> <tr><td>6 Mix Delphos</td><td>534@249.00</td><td>4 Blk Nickerson</td><td>619@191.00</td></tr> <tr><td>3 Blk Clay Center</td><td>525@247.00</td><td>10 Blk Buhler</td><td>654@190.00</td></tr> <tr><td>31 Blk Salina</td><td>539@246.00</td><td>25 Blk Salina</td><td>633@189.50</td></tr> <tr><td>9 Blk Salina</td><td>569@244.00</td><td>9 Red Claflin</td><td>601@188.50</td></tr> <tr><td>2 Blk Hope</td><td>528@241.00</td><td>8 Blk Beverly</td><td>669@188.00</td></tr> <tr><td>3 Blk Courtland</td><td>522@241.00</td><td>9 Mix Aurora</td><td>622@187.00</td></tr> <tr><td>12 Blk Beverly</td><td>603@238.75</td><td>7 Blk Abilene</td><td>601@186.00</td></tr> <tr><td>5 Mix Lebanon</td><td>527@237.00</td><td>19 Blk Claflin</td><td>699@182.00</td></tr> <tr><td>4 Mix Gypsum</td><td>596@237.00</td><td>71 Blk Delphos</td><td>706@177.00</td></tr> <tr><td>8 Blk Raymond</td><td>476@236.00</td><td>29 Mix Aurora</td><td>739@175.50</td></tr> <tr><td>8 Blk Nickerson</td><td>599@236.00</td><td>6 Mix Glasco</td><td>743@175.50</td></tr> <tr><td>4 Mix Marquette</td><td>531@235.00</td><td>11 Blk Glasco</td><td>722@175.00</td></tr> <tr><td>14 Mix Timken</td><td>588@233.00</td><td>16 Mix Tescott</td><td>748@175.00</td></tr> <tr><td>6 Blk Holyrood</td><td>626@221.00</td><td>27 Blk Beloit</td><td>712@174.00</td></tr> <tr><td>18 Blk Beverly</td><td>673@218.00</td><td>13 Blk Gypsum</td><td>762@173.75</td></tr> <tr><td>7 Red Claflin</td><td>626@217.00</td><td>76 Mix Salina</td><td>755@173.50</td></tr> <tr><td>28 Blk Salina</td><td>646@216.50</td><td>28 Blk Longford</td><td>788@173.25</td></tr> <tr><td>15 Blk Buhler</td><td>664@216.00</td><td>9 Mix Solomon</td><td>791@173.00</td></tr> <tr><td>6 Here Geneseo</td><td>493@216.00</td><td>14 Mix Brookville</td><td>785@172.00</td></tr> <tr><td>19 Mix Galva</td><td>612@215.00</td><td>22 Mix Gypsum</td><td>812@171.50</td></tr> <tr><td>13 Blk Minneapolis</td><td>608@215.00</td><td>15 Blk Gypsum</td><td>775@171.50</td></tr> <tr><td>6 Here Geneseo</td><td>605@216.00</td><td>73 Mix Nickerson</td><td>809@171.50</td></tr> <tr><td>6 Mix Sterling</td><td>688@203.00</td><td>34 Char Tescott</td><td>853@171.50</td></tr> <tr><td>19 Blk Nickerson</td><td>714@200.00</td><td>59 Mix Gypsum</td><td>788@170.50</td></tr> <tr><td>14 Red Claflin</td><td>705@198.00</td><td>17 Blk Gypsum</td><td>849@170.00</td></tr> <tr><td>7 Blk Holyrood</td><td>769@186.00</td><td></td><td></td></tr> <tr><td>25 Mix Ada</td><td>820@186.00</td><td></td><td></td></tr> <tr><td>30 Mix Longford</td><td>829@185.75</td><td></td><td></td></tr> <tr><td>24 Mix Abilene</td><td>800@185.00</td><td></td><td></td></tr> <tr><td>50 Mix Tescott</td><td>829@184.00</td><td></td><td></td></tr> <tr><td>20 Mix Marion</td><td>844@181.00</td><td></td><td></td></tr> <tr><td>60 Mix Hope</td><td>871@180.50</td><td></td><td></td></tr> <tr><td>61 Mix Enterprise</td><td>890@179.75</td><td></td><td></td></tr> <tr><td>13 Blk Ada</td><td>947@177.00</td><td></td><td></td></tr> <tr><td>115 Blk Minneapolis</td><td>874@177.00</td><td></td><td></td></tr> <tr><td>11 Blk Gypsum</td><td>922@175.00</td><td></td><td></td></tr> <tr><td>57 Mix Beloit</td><td>941@170.75</td><td></td><td></td></tr> <tr><td>13 Mix Tescott</td><td>971@166.00</td><td></td><td></td></tr> <tr><td>7 Blk Inman</td><td>999@163.00</td><td></td><td></td></tr> </table>	12 Blk Sylvan Grove	368@267.00	5 Mix Bennington	508@205.00	3 Blk Clay Center	385@266.00	8 Mix Tescott	498@202.00	5 Mix Brookville	437@264.00	20 Mix Salina	550@202.00	5 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Beloit	712@174.00	18 Blk Beverly	673@218.00	13 Blk Gypsum	762@173.75	7 Red Claflin	626@217.00	76 Mix Salina	755@173.50	28 Blk Salina	646@216.50	28 Blk Longford	788@173.25	15 Blk Buhler	664@216.00	9 Mix Solomon	791@173.00	6 Here Geneseo	493@216.00	14 Mix Brookville	785@172.00	19 Mix Galva	612@215.00	22 Mix Gypsum	812@171.50	13 Blk Minneapolis	608@215.00	15 Blk Gypsum	775@171.50	6 Here Geneseo	605@216.00	73 Mix Nickerson	809@171.50	6 Mix Sterling	688@203.00	34 Char Tescott	853@171.50	19 Blk Nickerson	714@200.00	59 Mix Gypsum	788@170.50	14 Red Claflin	705@198.00	17 Blk Gypsum	849@170.00	7 Blk Holyrood	769@186.00			25 Mix Ada	820@186.00			30 Mix Longford	829@185.75			24 Mix Abilene	800@185.00			50 Mix Tescott	829@184.00			20 Mix Marion	844@181.00			60 Mix Hope	871@180.50			61 Mix Enterprise	890@179.75			13 Blk Ada	947@177.00			115 Blk Minneapolis	874@177.00			11 Blk Gypsum	922@175.00			57 Mix Beloit	941@170.75			13 Mix Tescott	971@166.00			7 Blk Inman	999@163.00			<p style="color: red;">MONDAY, FEBRUARY 20, 2023</p> <p><b>CALVES</b></p> <table border="0" style="width: 100%;"> <tr><td>10 Blk Salina</td><td>249@585.00</td></tr> <tr><td>1 Char Salina</td><td>255@560.00</td></tr> <tr><td>1 Blk Salina</td><td>225@550.00</td></tr> <tr><td>4 Blk Salina</td><td>236@550.00</td></tr> <tr><td>1 Blk Gypsum</td><td>75@535.00</td></tr> <tr><td>1 Blk Gypsum</td><td>75@535.00</td></tr> <tr><td>1 Blk Durham</td><td>65@532.00</td></tr> <tr><td>1 Blk Gypsum</td><td>70@531.00</td></tr> <tr><td>1 Blk Gypsum</td><td>95@531.00</td></tr> </table> <p><b>BULLS</b></p> <table border="0" style="width: 100%;"> <tr><td>1 Blk Abilene</td><td>2205@145.00</td></tr> <tr><td>1 Blk Minneapolis</td><td>2215@144.50</td></tr> <tr><td>1 Gray Barvia</td><td>2010@142.00</td></tr> <tr><td>1 Blk Abilene</td><td>1990@140.00</td></tr> <tr><td>1 Blk Clifton</td><td>2179@139.50</td></tr> <tr><td>1 Blk Ellsworth</td><td>1690@138.50</td></tr> <tr><td>1 Blk Benton</td><td>2235@138.00</td></tr> <tr><td>1 Red Clifton</td><td>1690@138.00</td></tr> <tr><td>1 Blk Assaria</td><td>1825@135.50</td></tr> <tr><td>1 Red Hope</td><td>1655@134.00</td></tr> <tr><td>1 Blk Gypsum</td><td>2275@133.50</td></tr> <tr><td>1 Red Gypsum</td><td>1910@130.00</td></tr> <tr><td>1 Hols. Abilene</td><td>1875@122.50</td></tr> </table> <p><b>COWS</b></p> <table border="0" style="width: 100%;"> <tr><td>1 Blk Salina</td><td>1380@106.00</td></tr> <tr><td>1 Blk Salina</td><td>1345@105.00</td></tr> <tr><td>2 Blk Salina</td><td>1358@105.00</td></tr> <tr><td>1 Blk Salina</td><td>1500@104.00</td></tr> <tr><td>1 Blk Wakeeney</td><td>1325@100.50</td></tr> <tr><td>1 Blk Lindsborg</td><td>1130@100.00</td></tr> <tr><td>1 Blk Canton</td><td>1305@99.00</td></tr> <tr><td>1 Red Stafford</td><td>1265@99.00</td></tr> <tr><td>1 Blk Concordia</td><td>1210@99.00</td></tr> <tr><td>1 Blk Concordia</td><td>1325@99.00</td></tr> <tr><td>1 Red Lindsborg</td><td>1220@99.00</td></tr> <tr><td>1 Blk Minneapolis</td><td>1435@99.00</td></tr> <tr><td>1 Blk Tescott</td><td>1535@98.50</td></tr> <tr><td>1 Blk Abilene</td><td>1560@98.00</td></tr> <tr><td>1 Char Abilene</td><td>1425@98.00</td></tr> <tr><td>1 Blk Clifton</td><td>1525@98.00</td></tr> <tr><td>1 Blk Durham</td><td>1505@98.00</td></tr> <tr><td>1 Blk Great Bend</td><td>1130@98.00</td></tr> <tr><td>1 Blk Assaria</td><td>1265@98.00</td></tr> <tr><td>1 Blk Salina</td><td>1390@97.50</td></tr> <tr><td>1 Blk Lehigh</td><td>1165@97.00</td></tr> <tr><td>1 Red Tampa</td><td>1660@97.00</td></tr> <tr><td>1 Blk Minneapolis</td><td>1365@97.00</td></tr> </table>	10 Blk Salina	249@585.00	1 Char Salina	255@560.00	1 Blk Salina	225@550.00	4 Blk Salina	236@550.00	1 Blk Gypsum	75@535.00	1 Blk Gypsum	75@535.00	1 Blk Durham	65@532.00	1 Blk Gypsum	70@531.00	1 Blk Gypsum	95@531.00	1 Blk Abilene	2205@145.00	1 Blk Minneapolis	2215@144.50	1 Gray Barvia	2010@142.00	1 Blk Abilene	1990@140.00	1 Blk Clifton	2179@139.50	1 Blk Ellsworth	1690@138.50	1 Blk Benton	2235@138.00	1 Red Clifton	1690@138.00	1 Blk Assaria	1825@135.50	1 Red Hope	1655@134.00	1 Blk Gypsum	2275@133.50	1 Red Gypsum	1910@130.00	1 Hols. 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1 Blk Minneapolis	1365@97.00																																																																																																																																																																																																																																																																																										

## Livestock Commission Co., Inc.

# Salina, KANSAS

SALE BARN PHONE: 785-825-0211

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

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

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

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

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

CATTLE USA.com LIVE CATTLE AUCTIONS

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

Spring Spectacular Horse Sale

May 20-21, 2023

Don't forget to get your horses consigned!

Deadline for consignment is March 1, 2023

2 Red Gypsum	1363@97.00	85 Blk Jewell	739@1,310.00
1 Blk Abilene	1295@96.50		
1 Blk Solomon	1410@96.50		
1 Blk Beloit	1090@96.00		
1 Blk Gypsum	1345@96.00		
1 Bwf Scott City	1575@96.00		
1 Blk Bavaria	1290@96.00		
4 Red Gypsum	1299@96.00		
1 Bwf Concordia	1375@96.00		
5 Blk Salina	1300@96.00		
1 Bwf Lindsborg	1295@95.50		
1 Blk Abilene	1695@95.00		
2 Blk Clifton	1508@95.00		

SPECIAL COW SALE: TUESDAY, FEBRUARY 21, 2023

BRED HEIFERS

4 Red Cottonwood Falls	@2,500.00		
20 Blk Tescott	@2,300.00		
11 Blk Beloit	@2,250.00		
8 Blk Beloit	@2,000.00		
12 Red Marion	@1,925.00		

REPLACEMENT HEIFERS

71 Blk Lincoln	787@1,460.00		
32 Blk Clay Center	778@1,435.00		
42 Blk Wichita	828@1,410.00		
30 Red Holyrood	769@1,410.00		
32 Blk Clay Center	783@1,400.00		
20 Bwf Jewell	762@1,335.00		

UPCOMING SPECIAL TUESDAY SALES:

COW SALES: March 21 \*\* April 18 \*\* May 2

IN STOCK TODAY:

• Heavy Duty Round Bale Feeders • Heavy Duty Feed Bunks

Early Consignments For THURSDAY, MARCH 2, 10 AM

30 black steers & heifers, 700-800, long time weaned, 2 round vaccinations, home raised, open; 5 heifers, 500-600, long time weaned, vaccinated, home raised; 25 Red Angus steers & heifers, 600-800, home raised, long time weaned, vaccinated; 185 charX steers, 650-900, long time weaned, vaccinated, running out; 50 charX heifers, 650-900, long time weaned, vaccinated, running out; 190 black steers & heifers, 500-800, home raised, November weaned, vaccinated, open, running out, Don Johnson sired; 115 black steers & heifers, 450-750, home raised, November weaned, vaccinated, open, running out, Don Johnson OR Lacey bulls sired; 70 black steers & heifers 500-600 home raised; 35 black steers & heifers 700-900 long time weaned, 2 rnd vacc; 72 black heifers 750 long time weaned, 2 rnd vacc, open; 40 black heifers 500-700 long time weaned, open; 11 black steers 500 home raised, long time weaned, vacc; 60 steers 925 all native; 60 str 925 no str; 95 blk str 500-600 75 days weaned 2 rnd vacc; 68 blk str 800-900 homeraised, vacc, Don Johnson sired, December weaned; 350 mostly blk s&h 550-750 home raised, vacc, December weaned; 70 blk mostly hfrs 400-700 home raised, long weaned, hay fed; 30 Red Angus hfrs home raised, long weaned, vacc; plus more by sale time.

27th Annual Don Johnson Angus Bull Sale

Monday, March 6, 2023 - Start Time: 6:30 PM

Offering 60 Yearling Bulls & 15 Eighteen-Month-Old Bulls

For More Info Please Contact: Linda: 402-910-3152, Don: 785-826-5628, Dan: 402-910-5326

Or Go Online to: [www.donjohnsonangus.com](http://www.donjohnsonangus.com)

16th Annual New Frontier Rodeo Bull Sale

Saturday, March 25, 2023 - Start Time: Noon

For Information or estimates, contact:

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

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

Jim Crowther	Lisa Long	Cody Schafer	Kenny Briscoe	Kevin Henke	Austin Rathbun
785-254-7385	620-553-2351	620-381-1050	785-658-7386	H: 785-729-3473, C: 785-565-3525	785-531-0042
Roxbury, KS	Ellsworth, KS	Durham, KS	Lincoln, KS	Agenda, KS	Ellsworth, KS

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

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