



## Ribbon-cutting held at National Bio and Agro-Defense Facility

By Donna Sullivan, Editor

Kansas State University students walking across the stage to receive their degrees in 2023 would have been in early grade school when Manhattan, Kansas was selected by the Department of Homeland Security as the preferred location for the National Bio and Agro-Defense Facility (NBAF) in 2009. On Wednesday, May 24, a ribbon-cutting ceremony was held at the facility, as local, state and national dignitaries celebrated the culmination of the long, arduous process. The bio-safety level-4 laboratory is the first in the nation to provide maximum biocontainment laboratories capable of housing large animals for research and diagnostics of zoonotic diseases; diseases like foot and mouth disease, African swine fever, classical swine fever and Rift Valley fever – any one of which could severely impair the nation's \$1.1 trillion agriculture, food and food processing industry and the approximately 20 million jobs associated with it.

"This is a really good day for America's farmers and ranchers, who, because of this facility will have more secure livestock and poultry because this work happens," said Katie Zenk, USDA deputy undersecretary as she welcomed attendees to the program. "Above all, it's a really good day for the American people. Because of the work that will happen here, our food system will be more secure for the future."

In attendance was former senator Pat Roberts, who was an early proponent of the need for such a facility, as well as for locating NBAF in Manhattan. "For me, this all started when I was appointed chairman of the newly created Emerging Threats subcommittee of the U.S. Senate over twenty years ago," he said. The committee had jurisdiction over the Nunn-Lugar Program, which was used to safeguard or destroy nuclear and other weapons in the Soviet Union as well as to prevent the proliferation of weapons. That jurisdiction gave the committee access to many of the secret cities in the former Soviet Union, as well as authority to provide security and retain the scientists by funding non-lethal work programs. "I was assigned to a secret city sixty miles north of Moscow, where I discovered that Russian scientists had developed warehouses of pathogens designed to attack a country's food supply," Roberts continued. "When Vladimir Putin came into power he shut down the Nunn-Lugar program, and the secret cities became secret again." What Roberts witnessed motivated him to sound an alarm on the threat to the nation's food supply. "Later, as chairman of the Intelligence Committee, I know I really wore out the CIA, the Defense Department, the Department of Agriculture, Homeland Security, the White House and everybody on the Intelligence Committee about what should keep us up at night," he recalled. "Then came 9-11. Plum



Cutting the ribbon for the \$1.25 billion National Bio and Agro-Defense Facility in Manhattan were, from left: USDA Undersecretary Katie Zenk, Manhattan Mayor Mark Hatesohl, DHS Executive Director Julie Brewer, NBAF Director Dr. Alfonso Clavijo, former Kansas Governor Kathleen Sebelius, USDA Undersecretary Jenny Lester Moffitt, Gov. Laura Kelly, Senator Roger Marshall, former Senator Pat Roberts, U.S. Secretary of Agriculture Tom Vilsack, Senator Jerry Moran, Kansas State University President Dr. Richard Linton, USDA Undersecretary Dr. Chavonda Jacobs-Young and USDA ARS Administrator Dr. Simon Liu.

Photos by Donna Sullivan

Island had degraded and we desperately needed the capability and the capacity to protect our nation's food supply."

"We still must be prepared for a threat that could have been disastrous twenty years ago, and I believe still remains. And that, my friends, is why we have NBAF," he said. "I have truly enjoyed working with everyone, every day, every year of this important effort, but I've got to tell you, it's been one hell of a ride."

Also attending was U.S. Secretary of Ag Tom Vilsack. He spoke of the expertise on the part of many people that it takes to make a project like NBAF happen, including political acumen. "It's not an easy process to convince your colleagues to continue to provide the resources necessary to build a facility of this size and magnitude," he said. "It requires an extraordinary level of persistence. It requires an understanding of the nuances and the details of the project. It requires balancing a bit of temper with a bit of humor. It requires someone who understands the ins and outs of the budget process, who understands the people who at the end of the day make the key decisions. Kansas was extraordinarily lucky to have all the people at various levels that made this project possible, but you were extremely lucky to have Pat Roberts where he was, advocating so often, so forcefully and so passionately for this project. Trust me, I was on the other end of a lot of that. As important as this project is for Kansas, it's important for the United States, it's important for the world."

Vilsack also believes the facility is an example of what can happen when state, local and federal governments, along with the private sector and academia, work together collectively and collaboratively. "Oftentimes people



Former Senator Pat Roberts spoke of the warehouses of pathogens designed to attack a country's food supply that he saw in a secret city in Russia, which drove his efforts to see NBAF built. A conversation with the late Jon Wefald, then president of Kansas State University, fueled his belief that it should be located near a land grant university.



U.S. Ag Secretary Tom Vilsack emphasized the bi-partisan work that went into completing the National Bio and Agro-Defense Facility, a project that spanned four presidential administrations.

have been critical of government, and maybe with some justification," he said. "But we need to understand that this lab and the work it does to protect American agriculture is a role that government undertakes. And I am confident, given the folks that are going to work here, that they will take that job seriously and they'll do an amazing job." He also believes it sends the message of opportunity to young men in women across the state and nation that they can make a difference with their lives in science and research.

"This is a state that understands, appreciates and respects agriculture. And that's the kind of state that should have a facility like this, because I'm confident you'll make sure every single day that this facility does its job for American farmers, ranchers and producers and for all of our great country."

### NBAF History

Out of 29 sites originally considered in 2006, Kansas was one of six finalists in 2008. The Department of Homeland Security named Kansas as the preferred location for NBAF in December 2008 and the re-

cord of decision was published in the Federal Register on January 16, 2009. NBAF was to replace the Plum Island Animal Disease Center in New York, a biosafety level-3 facility that is over 68 years old. Foreign animal disease, research, training and diagnostics is currently conducted there by USDA's Agricultural Research Service (ARS) and Animal and Plant Health Inspection Service (APHIS). ARS and APHIS will transfer to NBAF and operate jointly.

In 2010 a Site Specific Risk Assessment (SSRA) was reviewed by the Na-

tional Academy of Sciences, raising the issue of a tornado strike. They modified the design of the facility to apply the same criteria for a high wind event or tornado strike as the Nuclear Regulatory Commission would apply to a nuclear facility at the same location. In 2012 the updated SSRA indicated they had met or exceeded all the different design criteria that was required for bio-containment facilities and no other design changes were necessary, according to Tim Barr, NBAF program manager.

Also in 2012, with sequestration under the Obama administration and a scarcity of funding, Secretary of Homeland Security Janet Napolitano requested National Academy of Sciences return and do a Mission Need Assessment. "Basically, National Academy came back and said, 'Oh, yes, we need this facility,'" Barr stated. They said it was essential for the security of the United States and that the current design for NBAF provided the ideal functionality for such a facility. "So, it was an excellent study to have in our hip pocket to support further funding down the road," said Barr.

They began construction of the Central Utility Plant in 2013. "Typically you wouldn't build your CUP until you've already started construction on the main lab," said Barr. "But congress gave us the money and told us to do it, so we saluted and started construction. We had the groundbreaking for the main lab, construction started in May, 2015 and we were off to the races."

The decision to transfer responsibility from DHS to USDA came in 2018, presenting a unique set of challenges for both agencies to overcome. "In my thirty-plus years of government service, I have never seen a major acquisition where this entity starts it, then somebody says half-way through, 'oh yeah, you guys get to do this now,'" Barr said. "Even though USDA was part of the program all along, providing us their requirements, as far as the management of the overall activity, it's quite unique. And the fact that we collectively have been able to pull this off successfully and be where we are today is quite amazing, actually."

Construction on the 574,000-square-foot facility was deemed complete in May 2022 and contractor commissioning was finished in December. "We have a final commissioning report to provide in the coming weeks, and that milestone will mark the end of Department of Homeland Security involvement with NBAF from the managing and construction aspect of it," said Barr. "DHS and USDA will continue to have a relationship in the facility to jointly address the defense of food agriculture in the country, that is their joint mission. But as far as (DHS) responsibility for managing NBAF, that will be over."

Barr is proud of the fact that the project came in within the \$1.25 billion cost baseline that was established in 2014. The State of Kansas provided more than \$300 million, and Napolitano and then-governor Sam Brownback worked out a Memorandum of Understanding that any leftover funds would be returned to the state. "We're going to be giving money back to Kansas – several million dol-



## Securing Agriculture

By Greg Doering, Kansas Farm Bureau

The official dedication and ribbon-cutting for the National Bio- and Agro-Defense Facility in Manhattan last week is very welcome news. It also makes me feel old since the process to get here has taken nearly the entirety of my adult life.

Also known as NBAF, the facility is a state-of-the-art lab that will research animal diseases

which can also infect humans and develop vaccines and anti-virals for some very nasty bugs. The facility is the replacement of the Plum Island Animal Disease Center off the coast of New York, which is more than six decades old. NBAF will investigate diseases like African Swine Fever, Nipah Virus, and foot-and-mouth disease (FMD), among others.

FMD is among the most contagious infectious dis-

eases in the world, and an outbreak in the U.S. would cost billions of dollars to the livestock industry alone. Vaccines exist for individual strains, but there are so many different varieties it's impossible to fully protect against.

The center of the country may seem like an odd choice for a facility that will study some of the most dangerous diseases that threaten our food supply, agricultural economy and public health. But NBAF will anchor the so-called Animal Health Corridor between Manhattan and Columbia, Missouri. The region is home to more than 300 animal health companies and ac-

counts for 56 percent of total worldwide sales in the industry.

NBAF will further leverage the existing networking, collaboration, education and training already present in the area to not just protect but strengthen our food supply. The research will extend beyond known pathogens to emerging diseases to better understand their impact on livestock and humans.

The lab biosafety designation is the highest level possible, making it the first of its kind in the U.S. dedicated to studying animal diseases. As recent history has shown, such pathogens can spill over to affect humans so

the research is critical for early identification to minimize the impact on public health.

While the ribbon-cutting marks the end of construction and testing of the building, it will take another year or two for the scientific mission to become fully operational. Once it does, it will also provide round-the-clock diagnostic testing to quickly identify suspected pathogens. The diagnostic lab will also provide training to federal and state veterinarians so they can better understand how outbreaks occur and how to combat them.

It's been nearly 20 years since the feder-

al government first announced it was seeking to replace the Plum Island facility. Those two decades are full of twists and turns in the site selection and funding processes, but NBAF is poised to protect the nation's food supply and human health from diseases both old and new for the coming decades. In short, Kansas will be at the center of securing agriculture for the foreseeable future.

"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.

# Kansas net farm income holds strong in 2022

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

Despite rapid increases in input costs, widespread drought and low yield, net income on Kansas farms held strong in 2022, according to a report from the Kansas Farm Management Association.

In fact, KFMA executive director Mark Dikeman said he is "relieved that income was as high as it was" considering the adversity that many Kansas farmers faced during the past year.

This year, Dikeman notes, Kansas net farm income came in at \$164,914, just below a five-year average of \$173,660, but well ahead of the five-year period between 2016-2020 when the state's net farm income averaged \$99,497.

A year ago, KFMA reported net farm income at \$319,180, spurred by a combination of farmers buying

inputs at lower prices and capitalizing on strong crop yields, robust grain prices and pandemic-related government payments. It was the highest net farm income average ever recorded in Kansas, according to KFMA, which has kept records since 1970.

The report on 2022 reflects average net farm income for 834 Kansas farms working with KFMA economists in six regions of the state. KFMA economists work individually with farm families to provide farm-specific production and financial management information that can be used in making decisions.

KFMA was formed in 1931.

By region, KFMA reported 2022 net farm income in Kansas as follows:

- Northwest - \$209,822
- Southwest - \$239,155
- North central-\$157,352
- South central-\$150,570
- Northeast - \$163,266

•Southeast - \$182,959

Dikeman said the numbers indicate a good year for Kansas farmers despite high input costs and low state average yields for fall harvested crops due to widespread drought.

"Along with strong prices, government payments and crop insurance helped to supplement low production among crop producers," he said.

Government payments accounted for 15.3% (\$25,236) and net crop insurance - payments received minus premiums paid - accounted for 56.3% (\$92,781) of net farm income. The USDA's Emergency Relief Program, which covers losses to crops due to a qualifying natural disaster, contributed an average \$17,450 for those who qualified.

Dikeman said crop insurance and government payments made up 127.1% of net farm income in KF-

MA's northwest region, and 126.5% in the southeast region. Meanwhile, farmers in the northeast region - which did not suffer as much from drought - paid more in crop insurance than they received.

"To me, that says the federal safety net worked in a year with difficult conditions," Dikeman said.

High grain prices and drought that reduced the availability of forages hit Kansas livestock producers hard. Dikeman said KFMA's numbers indicate a 13.2% increase in feed costs compared to 2021.

"However," he noted, "the value of livestock production increased 5.1% to \$137,959 (after feed cost is removed) to create profit opportunities for livestock producers."

Dikeman said KFMA's annual report paints a picture of Kansas agriculture, but each farmer needs to make decisions based on their own farm's records on such factors as management strategies, production costs and market factors.

"A good set of records allows a farmer to identify

their production costs, and provides a starting point for marketing planning and helps a farm manager understand their business better," Dikeman said. "Investing time into this process is important to manage the volatility of today's production and economic environment successfully."

## KLA, NCBA support legislation to protect against foreign animal disease

The Foreign Animal Disease Prevention, Surveillance and Rapid Response Act of 2023 was introduced in the U.S. Senate recently. This bipartisan and bicameral legislation would continue making critical investments in foreign animal disease response programs currently overseen by USDA. KLA and NCBA both support this legislation.

"The threat of a foreign animal disease outbreak in the United States

Dikeman and economists from six KFMA regions recently gave an overview of net farm income during an interview on the weekday radio program, Agriculture Today, which is available online.

More detail is also available online in the 2022 KFMA Executive Summary.

represents an existential threat to every cattle producer. It would also threaten this nation's food and national security. We must act now to ensure we are prepared to combat a potential crisis before it happens," said NCBA president Todd Wilkinson, a South Dakota cattle producer.

Specifically, the act would provide additional funding for three important animal health programs established through the 2018 Farm Bill, including the National Animal Vaccine and Veterinary Countermeasures Bank (NAVVCB), the National Animal Disease Preparedness and Response Program (NADPRP) and the National Animal Health Laboratory Network (NAHLN). NAVVCB was established due to NCBA's advocacy efforts during the 2018 Farm Bill and currently houses foot-and-mouth disease vaccines and diagnostic test kits. NADPRP supports programs like the Secure Beef Supply Plan, which will help maintain business continuity in the event of a disease outbreak. Finally, NAHLN conducts essential research, disease monitoring and testing. All three programs are supported by KLA and NCBA.



Please allow me a proud Dad moment; Isaac graduated with a master's degree from North Dakota State a couple of weeks ago. It is something he has worked incredibly hard for and the experience at Fargo has been a really good one for him. My parents told me that I needed to go live somewhere far enough away that I couldn't just drive home anytime I wanted to, and I always told my kids I thought that was one of the best things they ever did for me. Both of my kids have successfully gotten out of the nest and lived on their own.

Graduation was great and I watched with pride as he got his diploma. We got to meet some of his fellow grad students and friends, ate some good food and spent time together as a family and that was all good. However, the best part of the trip, in my mind, was Sunday morning when we went to the church he had been attending. I know that may have taken you aback a little, but going and meeting his church family was something that was important to Isaac, so it was important to me.

Why was it so important to me? Let me give you some background. Not too long ago I was talking to a friend about his high school-age kids. He was telling me how much of a struggle and a fight it was to get them to go to church every week. I told him I could commiserate with him, and I understood just how difficult Sunday mornings can be with a teenager. Jennifer and I had some knock-down drag-out fights with Isaac about going to church. Many weeks we ended up sitting in the very back because we came in so late, I was embarrassed because I just knew everyone saw how mad we all were at each other. I got it, he was tired and just wanted to be left alone to sleep in. I had been a teenager and I had not been given a choice by my parents either. I also knew that when I did move away for college I rebelled and did not go to church for a month or so. All the time I was sleeping in and enjoying a lazy Sunday morning something was missing. Eventually I figured out what it was and started going to church. It took me a couple of tries but I settled into a church with a college Sunday school class and found a church home.

We fought with Isaac nearly every week and I dreaded Sunday morning and the fight I knew was coming. We have a great church family and one that was supportive. Isaac graduated and went to K-State, he came to church most Sundays and I never really knew if it was for church or a free meal afterward. Then he went to North Dakota for an internship and lived next to a little town named Hazelton. Soon after he moved there, he called and told us he was going to a small Presbyterian church. The congregation was wonderful, and they embraced Isaac and took him under their wing. To this day he still communicates with a couple of the members.

When he went to Fargo, one of the first things he did was look for a church home. He tried different denominations, big churches, and little churches. He has always been drawn to smaller churches and soon he found a Presbyterian church in Fargo. The congregation took him in and one gentleman, Terry, mentored Isaac. I am not sure if the church knows just how much they ministered to him or how much their fellowship helped, but it was important. We went to church with him the Sunday after graduation and instantly I could see why he was drawn to it. It was not a big church, and the congregation was family. We met Terry and thanked him for taking an interest in Isaac. At that very moment I realized all the fighting and pain to get him to go to church as a teenager was worth it. Not only was Isaac going to church every Sunday, but he was active and involved in fellowship with the members. It was the best support group for someone a long way from home. They will never know how grateful Jennifer and I are for what they did for Isaac.

Yes, I am incredibly proud of Isaac for his master's degree. I am also proud of him for making the decision to move nine hours away and living on his own, but I am most proud that he is at the place in his life where he seeks out a church home and becomes involved in the life of that church. I am not sure where Jennifer and I rate as a parents; we tried our best, but that church service did confirm that we did do something right.

Country Chuckles by Jonny Hawkins



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# Corah selected for Don L. Good Impact Award

Dr. Larry Corah, Kansas State University Department of Animal Sciences and Industry (ASI) professor emeritus and friend of the livestock industry, will be presented with the 2023 Don L. Good Impact Award.

The award, presented by the Livestock and Meat Industry Council Inc. (LMIC), is named in honor of Good, who is a former department head of the Kansas State University Department of Animal Sciences and Industry (ASI), and recognizes positive impact on the livestock and meat industry or agriculture. Corah will receive the award during



the K-State ASI Family and Friends Reunion set for Oct. 7 at the Stanley Stout Center in Manhattan.

"Dr. Corah was hired by Dr. Good," says Mary McCurry, LMIC board member and Family and

Friends Reunion chairman says. "That in itself is a sure sign Dr. Good believed Dr. Corah was going to make an impact at K-State. Dr. Corah lived up to this belief as he made strides for the ASI department, while changing students' lives daily."

Corah grew up in North Dakota on a small, diversified livestock operation and loved to learn by doing. Corah had many opportunities to show this way of learning, whether it was studying animal science at North Dakota State University, as a local county Extension agent, or when receiving his master's in ruminant nu-

trition at Michigan State University.

It was at Michigan State where Corah met an Australian guest lecturer who later provided him a career opportunity in Australia. Following receiving his master's he served as the technical advisor for an Australian program, helping to develop a cattle feeding industry. He then returned to the U.S. to serve in an Extension role in Minnesota before deciding to pursue his doctorate from the University of Wyoming in bovine reproductive physiology.

After earning his doctorate, Corah and his fam-

ily moved to Manhattan in 1974, joining K-State as a feedlot specialist. His mission was to meet people and see the booming industry by traveling the state.

In 1979, Corah became the K-State beef section leader and a year later the head of cow-calf research. He also was the first Wildcat to earn the Extension Achievement Award from the American Society for Animal Science in 1987. In 1997 Corah retired from K-State to become the head of producer education at the National Cattlemen's Beef Association.

Corah signed on as Certified Angus Beef vice president of supply development, based in Manhattan in 1998. His initial responsibilities focused on creating new supply chains to ensure supply

for the largest branded beef program in the U.S. During his tenure, CAB grew from selling 411 million pounds of beef in 1998 to more than one billion pounds before his retirement.

Recently Corah served in a consulting role with Select Sires to help develop a supply chain for the emerging use of beef genetics on dairy cattle.

Corah continues to reside in Manhattan, with his wife of 58 years, Mary, and often spends time with their four children and their grandchildren.

More information, along with registration, will be available online for the Oct. 7 K-State ASI Family and Friends Reunion at [www.asi.ksu.edu/familyandfriends](http://www.asi.ksu.edu/familyandfriends), and the reunion's social media channels.

## Atypical BSE case confirmed at South Carolina slaughter plant, no trade impacts expected

The U.S. Department of Agriculture (USDA) has announced an atypical case of Bovine Spongiform Encephalopathy (BSE), a neurologic disease of cattle, in an approximately five-year-old or older beef cow at a slaughter plant in South Carolina. This animal never entered slaughter channels and at no time presented a risk to the food supply or to human health in the United States. Given the United States' negligible risk status for BSE, the agency does not expect any trade impacts as a result of this finding.

USDA Animal and Plant Health Inspection Service's (APHIS) National Veterinary Services Laboratories (NVSL)

confirmed that this cow was positive for atypical L-type BSE. The animal was tested as part of APHIS's routine surveillance of cattle that are deemed unsuitable for slaughter. The radio frequency identification tag present on the animal is associated with a herd in Tennessee. APHIS and veterinary officials in South Carolina and Tennessee are gathering more information during this ongoing investigation. Atypical BSE generally occurs in older cattle and seems to arise rarely and spontaneously in all cattle populations.

This is the nation's seventh detection of BSE. Of the six previous U.S. cases, the first, in 2003,

was a case of classical BSE in a cow imported from Canada; the rest have been atypical (H- or L-type) BSE.

The World Organization for Animal Health (WOAH) recognizes the United States as negligible risk for BSE. As noted in the WOAH guidelines for determining this status, atypical BSE cases do not impact official BSE risk status recognition as this form of the disease is believed to occur spontaneously in all cattle populations at a very low rate. Therefore, this finding of an atypical case will not change the negligible risk status of the United States and should not lead to any trade issues.

The United States has

a longstanding system of interlocking safeguards against BSE that protects public and animal health in the United States, the most important of which is the removal of specified risk materials — or the parts of an animal that would contain BSE should an animal have the disease — from all animals presented for slaughter. The second safeguard is a strong feed ban that protects cattle from the disease. Another important component of the system — which led to this detection — is the ongoing BSE surveillance program that allows USDA to detect the disease if it exists at very low levels in the U.S. cattle population.

## FSA extends deadline for livestock disaster programs

The Farm Service Agency (FSA) has provided additional flexibility and enhanced disaster recovery assistance delivered by the Emergency Assistance for Livestock, Honeybees and Farm-raised Fish Program (ELAP); Livestock Indemnity Program (LIP); and Livestock Forage Disaster Program (LFP). This was done in response to needs expressed by producers across the U.S. who have experienced significant feed, forage and animal losses due to natural disasters.

The enhancements include an extended deadline of June 2, 2023, to submit notices of loss and applications for payment for 2022. This extension is available to eligible producers nationwide who incurred losses from a qualifying weather event, including wildfires, droughts and blizzards.

LIP and ELAP reimburse producers for a portion of the value of livestock that died because of a natural disaster or for loss of grazing acres, feed and forage. LFP provides benefits for grazing losses due to a qualifying drought or wildfire. ELAP also provides benefits for grazing losses not covered under LFP.

To support program access for counties that currently do not have a 365-day grazing season, FSA is waiving the 30-day time frame for producers to submit a notice of loss for the 2023 ELAP year due to qualifying drought in calendar years 2022 or 2023. Producers now can submit a notice of loss from the date it is apparent, as far back as January 1, 2023, for 2022 eligible losses and 2023

eligible losses that occur before June 2, 2023. For counties that have a 365-day grazing season, producers must have a qualifying drought in the 2023 calendar year to be eligible for livestock, water and feed hauling this year.

All required documentation must be received and on file in the county FSA office by the extended deadline. Producers who already have a 2022

ELAP, LIP or LFP application on file as of the original program deadline, or were placed on an approved register, may revise their application with the newly updated eligible livestock losses.

For more information, contact the local FSA office or visit [farmers.gov/recover](http://farmers.gov/recover).

## Ribbon-cutting held at National Bio and Agro-Defense Facility

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NBAF director Alfonso Clavijo said the work on emerging animal diseases is more important than ever, as well as zoonotic diseases — ones that can be transmitted from animals to humans. And in the process of protecting animal agriculture, he says that protecting the researchers and surrounding communities is of paramount importance. "We are putting a lot of emphasis on developing a culture of safety," he said. "For the protection of the staff and the community at large."

To date, approximately 280 people have been hired to support the science and operations of NBAF, and when fully staffed it is expected to employ more than 400. The facility has now moved into what is known as the operational endurance period, where the laboratories are set up, and processes are tested and validated to be sure all research and diagnostics can be done safely and effectively. It is expected to be at least a couple of years before all of the science being conducted at Plum Island is transferred to NBAF. As the science programs are being stood up, partnerships like those with Kansas State University, the Biosecurity Research Institute and College of Veterinary Medicine will continue to be vital, according to Clavijo.

Clavijo said that the annual cost to run the facility is approximately 10-15% of construction cost. The science funding will come from APHIS and ARS and the operational funding will be provided by ARS.

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 8-ounce package cream cheese, cubed  
 6-8 flour tortillas, warmed  
 1 1/2 cups salsa  
 6 ounces Monterey Jack cheese

In a large skillet saute onion in oil until tender. Add the shrimp, chiles, chili powder, garlic, salt, pepper and cumin. Cook for 2 to 3 minutes or until shrimp turns pink. Stir in cream cheese until melted. Place 1/3 cup shrimp mixture down center of each tortilla. Roll up and place seam side down in a greased 9-by-13-inch baking dish. Pour salsa over the top. Sprinkle with Monterey Jack cheese. Bake uncovered at 350 degrees for 20-25 minutes or until heated through. Serves 6.

\*\*\*\*\*  
**Annette Reilly,** Abilene: "Have you tried baking eggs in shell for hard-cooked use? If you are already using the oven, pop in a muffin pan with shelled eggs. Once cooled and peeled they look the same as hard-boiled. Hope you enjoy this method!"

**BAKED EGGS IN SHELL**

Using a muffin tin, place an egg in each well in the amount you want to use. Place in a 325-degree (300 degrees with dark pans) oven and bake 25 to 30 minutes. Remove from oven, cool completely. Use to make any recipe calling for hard-cooked eggs. Peels easily.

\*\*\*\*\*

Rose Edwards, Stillwater, Oklahoma:  
**CHERRY SQUARES**  
 6-ounce package cherry gelatin  
 2 cups boiling water  
 1 cup cold water  
 2 tablespoons lemon juice  
 1/2 teaspoon almond extract  
 1 can cherry pie filling  
**Topping:**  
 1/2 cup sugar  
 1/2 cup sour cream  
 8 ounces cream cheese

In a bowl dissolve gelatin in boiling water. Stir in cold water, lemon juice, almond extract and pie filling. Pour into 9-by-13-inch dish. Refrigerate until firm, about 4 hours. In a bowl combine all topping ingredients; beat until smooth. Carefully spread over firm gelatin. Refrigerate until serving.

\*\*\*\*\*  
**Kellee George, Shawnee:**

**SMOKED SAUSAGE DISH**

1 pound smoked sausage, cut into 1 1/2-inch slices  
 6 small red potatoes, unpeeled & quartered  
 1 small onion, cut into 8 wedges  
 1 can stewed tomatoes, undrained  
 1/8 teaspoon pepper  
 1/2 medium head cabbage, cut into 6 wedges  
 In a skillet combine all ingredients except cabbage and mix well. Arrange cabbage wedges over top. Bring to a boil. Reduce heat to medium-low, cover and cook 20 minutes or until vegetables are tender. Spoon sauce from skillet over cabbage before serving.

\*\*\*\*\*  
**Margaret Wetter, Norton:**

**CAULIFLOWER CRANBERRY SALAD**

1 head cauliflower, chopped  
 1/2 cup peanuts  
 1 package dried cranberries  
 2/3 cup mayonnaise  
 1/3 cup sugar  
 Stir all ingredients

together except peanuts. Add peanuts right before serving (as they get soggy).

\*\*\*\*\*

**Millie Conger, Tecumseh:**

**CHICKEN SPAGHETTI**  
 4-6 chicken breasts, cooked & chopped up  
 1 can cream of mushroom soup  
 16-ounce can chicken broth  
 1 can ro-tel tomatoes  
 12 ounces spaghetti, cooked & drained  
 1 lb. Velveeta cheese, cubed

Mix cream of mushroom soup, chicken broth and ro-tel in a bowl. In a 9-by-13-inch greased casserole dish layer with cooked spaghetti, chicken, soup mixture and cheese. Set oven to 350 degrees and bake 30-45 minutes until cheese is melted. Remove from oven and stir to mix.

\*\*\*\*\*

**Jackie Doud, Topeka:**

**MAPLE RIBS**  
 1 large onion, cut into 1/4-inch slices & separated into rings  
 1/3 cup maple flavored syrup  
 2 1/2 to 3 pounds of pork country ribs, trimmed of fat & cut into 3-inch pieces

Place onion in bottom of slow-cooker. Spread syrup evenly on ribs. Place coated ribs over onions. Cover & cook on low for 8 hours or until ribs are done.

\*\*\*\*\*

**Kimberly Edwards, Stillwater, Oklahoma:**

**DRESSED UP COLESLAW**

1 pint creamy coleslaw (from deli)  
 1 cup cubed fresh pineapple OR 8-ounce can pineapple tidbits, drained  
 1/2 cup raisins  
 1/2 cup shelled sunflower seeds

In a bowl combine all ingredients and stir gently to coat. Serve on lettuce leaf, if desired.

\*\*\*\*\*



There are moments that stick with you, things that seem to cement themselves into your brain that you carry along with you throughout this crazy thing we call life. It can be anything: trips, words, experiences, smells, anything.

For me, my brain is always swirling with things that have happened in the past and I am constantly reflecting and cherishing each and every one of them.

For as long as I can remember, Memorial Day has always been something that was incredibly important to my mom. When I was young, I never understood why. I knew we needed to take a moment to remember the people that we had lost, but I did not fully understand the importance it has always held to her. As I got older, it started to click, it was important to her, because it was important to my grandma.

I can remember from an incredibly early age, my mom loading us kids and Nanny up and making the drive to Smith Center, Kansas over the Memorial Day weekend. Some of my early memories of these trips included playing with distant cousins, soda from a glass bottle, Laffy Taffy, a burger from Jiffy Burger, and what felt like hours in the car.

As I got older it became more about the stories, which I wish I could remember, but I do remember making that long drive and listening to Nanny explain who these people were and their relationships to her and ultimately to us. While there we would make our rounds and see people who had played roles in Nanny's life over the years, her favorite being Judy Joy. I would love to tell you exactly how they are related, but at this point, I sadly do not remember all the details; I do know they

were incredibly close, and it was one of her favorite parts of the day getting to stop and chat.

During our visits to gravesites, some years we would try to plant peonies, other years we would take store-bought memorial flowers to place on graves of those that came before us and helped to pave the way for us all. We would make our rounds and eventually end up in Nebraska visiting a few cemeteries there before making our way back home.

The older I have gotten and the busier my schedule has become, I do not always have the time to go with my mom as she makes the long drive to go pay her respects. This year, I found myself with an invitation to Colorado, so I will be missing the trip once again, but I am hoping next year, I can get back on track and hopefully start making the drive with her again.

Memorial Day means so many things to so many people. For some it is a reason to get out on the lake, a chance to party, grill or get together with loved ones, but I would like to think that no matter what Memorial Day might mean to you, you take a few moments to remember the ones that have come before us all, because without them, none of us would be where we are today.

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

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

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# Prairie Gal Cookin'

Recipes and Ramblings from the Farm

## Mini Chicken Pot Pies

By Ashleigh Krispense

These little pot pies can be great when you're needing some comfort food. I'll make them both in a larger size pie plate or in several smaller ones to be used as handy single servings.

For the chicken, I simply tossed a whole, frozen chicken in the crock-pot for several hours and cooked until fork tender. I picked out the meat and then returned the bones and leftovers to the crock-pot for many more hours to make a bone broth, which was strained and used in the pot pie filling.

This recipe is thanks to a pie crust recipe (originally found on the New York Times Cooking website) and the chicken pot pie recipe found in Ree Drummond's first cookbook (page 126-127) both of which have since been tweaked!

You'll Need:

**Pie Crust:** (note: these quantities are for a single batch of dough. I used almost three batches to make enough crust to use up all of the filling. This produced seven small pot pies, one medium, and still left some dough remaining. So multiply these amounts as needed!). This will make a soft dough.

1 cup flour  
A dash of pink sea salt  
1 stick of cold butter, sliced  
4-5 tablespoons cold water

**Pot Pie Filling:**

1 onion, diced  
5 stalks celery, finely chopped  
1/4 stick of butter  
4 cups frozen mixed veggies  
5 cups cooked chicken, shredded & chopped  
3/4-1 cup flour (will vary depending on how much liquid you use)  
Approximately 2 cups chicken broth or bone broth (I think I used a little extra!)

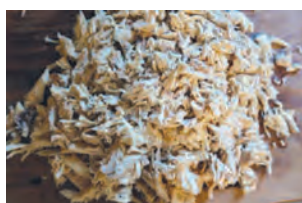
1 1/2-2 cups milk (depending on how thick you want your filling)  
2 teaspoons thyme leaves  
1 teaspoon rosemary leaves  
1 teaspoon garlic powder  
1-1 1/2 teaspoons minced garlic  
Plenty of freshly ground sea salt  
Freshly ground black pepper



Before you start the filling, go ahead and make the pie crust so it can sit in the fridge or freezer while you work on the filling. In the bowl of a food processor, combine the flour, sea salt, and sliced butter. Pulse or process until the mixture resembles small crumbs. Dump into a bowl and add the water. This recipe makes a soft pie crust, so if you want to use less water you can do so! I usually use a fork to mix in the water and then a hand to form it into an actual dough. Wrap in plastic wrap and stick in the fridge (or freezer) while you work on the filling.



To get started on the pot pie filling, in a large Dutch oven or stockpot, cook the celery and onions in butter for several minutes (if in a time crunch, I at least waited until the onions were becoming tender before adding in other things).



Dump in the frozen mixed veggies and cook until they no longer appear frozen. Stir in the chopped chicken. Add in the flour and stir to coat everything evenly.



Pour in both broth and milk and continue to stir. As the mixture thickens, add the spices. I ground the black pepper

and sea salt directly into the pot. Keep an extra bowl and spoon handy for frequent taste testings. You will need quite a bit of salt!

Pull your pie crust out and allow to sit at room temperature for a little while before you intend to work with it. Grease your pie plates or small dishes and either roll the dough out to form a thin crust or simply press the dough directly into the greased dishes. Place dough all the way up the sides and trim any excess off around the top of the dish.



Spoon each dish full with pot pie filling. Thinly roll out another piece of dough and lay over the top of the dish (I think my dough was as thin as around 1/8-inch, but you can go 1/4-inch for a little thicker crust). Press firmly around the top of the dish edges to put an indentation in the dough and then slice off the excess.



I push down the crust all the way around the inside edge. If you want, use a sharp knife to add four little notches in the center of the crust.



Place on a baking sheet and bake at 350 degrees. Depending on the size of your pies, baking time may vary. For the smallest pies, it took around 52 minutes or until the crust was beginning to turn a golden brown (and you might even notice the crusts pulling away from each other as they cook, mine did that too). Pull out and let cool a bit before serving. If you find yourself with plenty of extra little pot pies, consider popping them in the freezer to have on hand for future meals! Enjoy!

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

## Finalists Selected For 2023 Virtual National Festival Of Breads

A panel of judges has selected the final recipes that will be represented in the eighth National Festival of Breads, sponsored by King Arthur Baking Company® and Kansas Wheat. This year's virtual event is scheduled for June 1, 2023.

The final two finalists include (*the first two were printed in last week's Grass & Grain*):

Susan Wiebe, from Pittsburgh, Pennsylvania, with her Knotty 7 Grain Rolls in the Wholesome & Healthy category:

1 1/8 cups lukewarm water (110-115°F)  
1 cup 7 grain hot cereal mix  
1 1/2 teaspoons salt  
1/4 cup olive oil  
2 tablespoons dark brown sugar  
2 1/2 cups KING ARTHUR® Unbleached All-Purpose Flour  
1 (1/4-ounce) package active dry yeast  
Egg Wash & Garnish  
1 large egg  
1 tablespoon water  
Sesame seeds  
7 grain hot cereal mix

Place lukewarm water in bread machine pan with cereal. Allow cereal to soften 15-20 minutes while assembling other ingredients. Add salt, oil, brown sugar, flour and yeast to bread machine pan. Program machine on DOUGH cycle. Open the machine's lid to test the consistency of the dough; do this after 3-5 minutes into the first knead cycle. The dough should be a soft, tacky ball. If the dough is too dry, add water 1/2 to 1 tablespoon at a time. If dough is too wet, add 1 tablespoon flour at a time. Do this while the machine is kneading. When the dough cycle is completed, remove the dough from pan and form into a ball. Cover; allow to rest 10 minutes. Divide dough into 12 equal portions. Roll each piece of dough on the counter into a rope 1/2 to 3/4-inch in diameter and 8-9 inches long. Form into a loose knot with one end coming up through the center of the knot and the other end tucked underneath. Place rolls on a 12-by-18-by-1-inch half sheet pan, either greased, parchment-lined or on a silicon baking mat. Cover rolls loosely and allow to rise until doubled, 45-60 minutes. Near the end of the rise, preheat oven to 375 degrees F. In a small bowl, whisk together the egg and 1 tablespoon water. Brush rolls with egg wash and sprinkle with sesame seeds or 7 grain cereal. Bake 15-18 minutes or until golden brown and internal temperature registers 190-195°F. Cool slightly on a

rack and serve warm.

YIELD: Makes 12 rolls.

\*\*\*

Gloria Piantek, from West LaFayette, Indiana, with her **Cheese Lover's Barbecue Bread Twists** in the Say Cheese category.

Dough:  
3 3/4 cups KING ARTHUR® Unbleached Bread Flour plus 2 tablespoons, divided  
1 (1/4-ounce) package RED STAR® Platinum Superior Baking Yeast®  
1 tablespoon brown sugar  
1 tablespoon barbecue seasoning rub (sweet & smoky)  
1 1/4 cups unsweetened almond milk  
4 tablespoons unsalted butter  
1 large egg, beaten  
1 tablespoon dry minced onion  
1/4 cup smoked almonds, finely chopped

Barbecue Cheese Filling:  
1 (8-ounce) container Chive & Onion Cream Cheese Spread, divided  
1/4 cup dry minced onion  
1 tablespoon beaten egg (reserve remaining egg for topping)  
2 teaspoons barbecue seasoning rub (sweet & smoky)\*  
2 tablespoons unsweetened almond milk  
2/3 cup (2 ounces) grated Pepper Jack cheese

Topping:  
1 teaspoon water  
Remaining egg from filling  
1/3 cup smoked almonds, chopped

Cheese Dip:  
5 ounces processed cheese, such as original Velveeta®  
Remaining Chive & Onion Cream Cheese Spread

Garnish:  
1 1/2 tablespoons chopped smoked almonds  
Barbecue seasoning rub (sweet & smoky), as desired

For dough: In bowl of stand mixer fitted with paddle attachment, combine 1 3/4 cups bread flour, dry yeast, brown sugar and barbecue seasoning. Heat almond milk and butter to 120-130°F. Pour into mixer bowl. Beat on medium speed 2 minutes. Add egg, onion and almonds; beat 2 minutes. Slowly add 1 cup flour; beat 2 minutes. Scrape down dough. Exchange paddle attachment for dough hook. Gradually beat in enough remaining flour until dough pulls away from sides of bowl, about 5 minutes (reserve 1 tablespoon flour for rolling dough). Place in greased bowl, turn dough to coat both sides. Cover; let rise until doubled, about 60 minutes. Then prepare the filling.

For filling: In a medium bowl, combine 1/4 cup cream cheese spread, minced onion, 1 tablespoon egg, barbe-

cue seasoning and almond milk. Cover and set aside. Deflate dough; place on lightly floured surface and divide in half. Roll one portion of dough into a 13-inch circle on pastry mat. Move to a parchment-lined 15-inch round pizza pan. Place a 3-inch round cup in the center of dough. Spread filling over the dough up to the cup, leaving 1/2-inch border around edge. Sprinkle grated cheese over the cream cheese. Add 1 teaspoon water to reserved egg. Lightly brush egg wash around the outer edge of dough; remove the cup. Roll the second portion of dough into a 13-inch circle and place over filling. Lightly press edges to seal. Place cup in center; mark 20 equal segments around the circle. Cut 20 strips with a knife or scissors from the edge to the cup. Twist each strip twice, laying the strip end flat onto the pan; remove cup. Lightly cover with plastic wrap; place in warm place to rise until almost doubled, about 45 minutes. Remove plastic wrap; brush dough with remaining egg wash. Sprinkle almonds over dough, avoiding center circle. Bake in preheated 350 degrees F oven 25-30 minutes, or until golden and internal temperature is about 200-204°F. Rotate pan halfway through baking. Remove bread from oven; indent the center crust with a heat-proof cup. Let cool on pan 5 minutes, then transfer to wire rack. Remove parchment paper and finish cooling on rack. Move to large serving platter.

For cheese dip: Before serving, place processed cheese and remaining cream cheese in small microwave-safe bowl. Microwave on half power until cheese melts, about 1 1/2 minutes; stir until smooth. Spoon hot melted cheese into indented center of bread; sprinkle with remaining chopped almonds and lightly sprinkle with barbecue seasoning. Before serving, use kitchen shears to cut the 20 bread twists apart. Store any leftover bread in the refrigerator.

YIELD: Makes 20 twists.

\* I use the Kansas City Inspired Seasoning Rub (Sweet & Smoky) Private Selection brand.

\*\*\*

The virtual festival will premiere on June 1. Like the National Festival of Breads Facebook page or sign up for the festival's newsletter to stay up-to-date on event details, connect with other attendees, and get notified when the event goes live on June 1, 2023, at 3:00 p.m.

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

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## Gatherin' At Bull Hill

Bull Hill was a rugged little piece of real estate just east of the Randolph Bridge on Tuttle Creek Lake. I don't think it was any bigger than a quarter section as the crow flies and the surveyors measure, but there were some steep, rocky draws and plenty of heavy woods, such as is common to most of the rim along the rest of the Big Blue Valley.

Most of the times we gathered bulls out of Bull Hill, it wasn't such a big deal. Those big old Herford bulls from John Wayne's 26 Bar and those Ray Bernt bulls were a bit rangy sometimes, but after a winter in the Hill they were ready for fresh grass and girls. Except one.

This bull, we'll call him "Reb" just for reference, refused to leave his canyon. Now that day I recall the 3V foreman Barry was riding with us, and between him and Duane, there wasn't much tolerance for a "Rebel" bovine, no matter the size or disposition. I had seen those boys tie onto one of those 3V bulls over on Wilson Creek back in the timber, and you could literally see the tops of the trees

shakin' as they made their way outta that brush; in fact there were a couple of standing dead trees that got clotheslined that day! Well, this day was no different. "Reb" was coming along whether he agreed or not!

Duane Bowling was the foreman at the Anchor D when I started my ranching career. I learned a lot from him and I'll have to admit, he was like my big brother during my teen years, and I tried to stay in his shadow until he moved on. I helped him move back to his old home in Arkansas in the early '80s and we stayed in touch off and on over the years, reconnecting just a couple years before he passed away. We had a lot of good times and shared some not so good.

Duane rode a big, stocky grey mare he called "Blue." The rest of us called her different names because her disposition in the remuda was not favorable to equine or human. Duane said in order to get along with her, you had to be in the saddle. I don't know anyone else who ever rode her. But once that rope snapped tight

on that saddle horn she was a tank. I don't recall what Barry was riding, but I don't think it ever made a difference to him what size horse he was mounted on, it was always a good day to rope something, and a big sulled-up bull just added to the thrill!

Well, we rode down into that draw hunting that last bull and found him brushed up and thinking he was giving us the slip. As we tried to work him up out of that draw he would always circle around and through the trees, using them to his advantage. At one point, he made a run across a small clearing for some dense underbrush and Barry had a loop on his horns, turning him

away from that thicket just enough for Duane to get a second loop on him. Then the real work began. They spread out enough that Reb couldn't get a full charge going as he had given up flight, and went to fight, as we started up the easiest part of that draw. I did my best to come in behind him and keep him moving forward. By the time we got to the rim rock near the top of the draw, the rope horses were getting tired, and that bull just finally laid down. I don't know any two ranch horses that can pull an 1800-pound dead weight, and I couldn't get him up on his feet. Duane told me to go get the trailer and bring it as close as I could

and open the gate up. Oh, and grab the hotshot!

I did as ordered, loaded my horse, and drove back within a couple hundred yards, pulled around and pointed that trailer their direction, and pulled the silver-barreled hotshot out from behind the seat, mounted up and rejoined the party. Cowboys, horses, and Reb had all had a bit of a rest and as I rode around behind that bull, Duane and Barry stretched their ropes against that bull's horns and he just laid there.

"Hit 'im in the oysters with that hotshot!" Duane yelled.

I dismounted and walked up behind that bull and buried that hotshot in

his bull tenders and that 'sunuvagun' levitated like magician's assistant! For about 30 yards the race was on and Reb was looking to hook some horse-meat. Then he went down again. I repeated the process, with the same results all the way to the trailer where we got the ropes through and I backed that trailer underneath ole Reb.

We decided we'd better haul that bull to the cows before we let him off, so I stayed with the horses while they delivered Reb to his destination.

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

## Mowing hay low may cost money, time

There are many reasons to avoid cutting low when mowing hay, but money is the main one, says University of Missouri Extension agronomist Tim Schnakenberg.

Schnakenberg recommends a height of four inches for cool-season grasses like tall fescue, bromegrass, orchardgrass and timothy and eight inches for native warm-season grasses. Typically, legumes such as alfalfa and clover may be cut lower. It is important to cut cool-season grasses before seed heads develop, if weather permits.

Too often, the first cut of hay is too low, he says. That sets the stage for this season's growth and beyond. Hay mowed too low

likely will result in thin stands over time. Low-mowed pastures may need renovation or planting, resulting in extra expense.

When you cut too low, you're getting the worst of the plant because the lowest-quality forage is at the base of the plant, Schnakenberg says. The lowest two inches also contains the most endophytes, putting livestock at risk in toxic Kentucky 31 fescue fields.

There is an estimated 100-150 pounds of forage per acre-inch near the base of the plant. Lowering a cutter from four inches to two inches only gains about 200-300 pounds more forage in the bale. "As a result, there is only a small amount

of gain in tonnage, but it comes at a significant price," he says.

Mowing low also puts your equipment at risk. Blades are more likely to come into contact with soil, gravel and rocks. This leads to more grit and dirt in the hay, which lowers digestibility and intake by the animals. "Mowers were never intended to be a ground contact tool," Schnakenberg says.

Plants need residual leaves to absorb the sun. When leaf-to-stem ratio is too low, plants must rely on their root systems for regrowth. When leaves are cut too short and too often, roots die back because there is not enough photosynthesis to feed them. Strong root systems are especially important during dry periods. Also, when too much of the canopy is removed, more soil and the crown of the plant are exposed to the sun.

Scalping forages can push back regrowth two weeks. "This is a two-week loss of the growing season," Schnakenberg says.

Low cutting also is a missed opportunity for better hay drying. Forage

laid out on high stubble receives better air circulation below the windrows instead of direct contact with moist soil.

Cutting hay is not without its drawbacks, but they are few, says Schnakenberg. There might be minor tonnage losses, and mowing equipment may not work as well and leave behind a tattered field.

A common question is how to cut a crop high with modern hay cutting equipment. "There is no doubt we have much better technology than ever before in harvesting equipment, and speed of harvest has been the greatest advantage compared to prior generations of equipment," he says. "Hay producers should consider setting up skid shoes on disc mowers. These could be fabricated if necessary. Hydraulic cylinder stops are also a possibility on some equipment."

For more information, see the MU Extension publication "Making and Storing Hay" at [www.extension.missouri.edu/g4575](http://www.extension.missouri.edu/g4575) or consult your local MU Extension agronomist.

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**SCAN ME**



Longmire fans around Kansas are thrilled with the latest announcement from the producers of the film *Sod and Stubble*.

With a stellar cast already in place, the announcement was made that Bailey Chase, Deputy Branch Connally in the series *Longmire*, will portray Henry Ise.

Even though Chase has had many other roles, Branch remains his most popular and even though the series has run its course, and Branch was actually killed off, fans loyal and new continue to binge the show.

Branch lives on.

The character of John Ise, German immigrant who brings his bride to the Kansas prairie to raise a family, is as far away from the character of the cocky deputy as you can get. How did writer/director Ken Spurgeon

envision Chase in the role and what drew Chase himself to the character?

Spurgeon saw strength in Chase's face, a man who could face adversity without backing down. He saw the traits that he believed Henry Ise possessed – devotion to his family, courage, adaptability.

"We feel extremely grateful to have someone of Bailey's talent joining our team as our male lead, Henry Ise," said Spurgeon. "Bailey has a varied and diverse body of work and I feel confident that he'll deliver a wonderful performance as the strong, generous Ise father that we've all come to know and love through this wonderful book and story."

And Chase himself?

"Henry Ise is a German-American who fought for his country and followed his dreams to the Kansas Frontier in the 1870s," said Chase from his home in North Carolina. "He married his true love, worked hard and created a better life for his children. I was drawn to this role because of my deep respect for Henry's core values: God, family and respect. These are the traits I'll strive to help bring to the screen and looking forward to tapping into my German roots as well."

Craig Johnson, author of the *Longmire* novels upon which the television series was based, had high praise for Chase.

"I could tell you all kinds of great stories about Bailey Chase," said Johnson, "But one of my favorites is from when they were filming the pilot episode of *Longmire* and

the Wyoming Office of Tourism wanted to come down and do interviews with the actors and they were running late. I barely knew Bailey at that time and he stood there with us for almost an hour, never complaining, just standing there talking, completely at ease with a golf putter in his hands. He was so gracious with his time and always has been – a real down-to-earth kind of guy, and my wife tells me he's very good looking... over and over again."

One of Chase's colleagues from the show, A. Martinez who portrayed Jacob Nighthorse, echoed Johnson's feelings.

"Not only is Bailey a wonderful actor, he's an excellent man," said Martinez. "The dude is a diamond. He communicates the strength and decency of his character with an ease that's hard to match. More than once I've seen him deliver his colleagues to a higher level of work in ways that went well beyond the call of duty – because he's willing to say the thing that nobody wants to hear, when he knows that difficult thing needs to be said. It's a rare trait. Just love the man."

Apparently, so do legions of fans.

Follow the progress of the film on Facebook and at SodandStubble.com.

Deb Goodrich is a producer and media relations representative for *Sod and Stubble*. She is the host of *Around Kansas* and the *Garvey Texas 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).

## Wanted: stories of the Wisdom Keepers

An older person has witnessed extraordinary change in their lifetime, especially someone who grew up farming and ranching in the Flint Hills, where rural electrification didn't happen until the mid-1950s. They experienced ranching before cattle trucks and stock trailers, and likely farmed, hayed and fed behind a team of horses. Many spent their days in the saddle, working cattle in the pasture.

The "Wisdom Keepers"

project will preserve stories of a largely bygone era. "What would you give to hear one of your great-great-grandparents tell a good story?" asks Mark Feiden, filmmaker, photographer, and author. "We do this work because we can. We do this work because we must, before it's too late."

Pioneer Bluffs, the Center for Flint Hills Ranching Heritage, seeks senior Flint Hills farmers and ranchers to record their stories. Priorities for

interviews will be based on seniority.

"Are you a farmer or rancher aged 70 or older? Do you know one who is a good storyteller?" asked Lynn Smith, executive director of Pioneer Bluffs. "If so, we want to talk to you." To discuss potential interviewees, contact Smith at [lynn@pioneerbluffs.org](mailto:lynn@pioneerbluffs.org) or (785) 393-1569 (cell).

"Wisdom Keepers" is a collaborative project of Feiden and Pioneer Bluffs, with funding from

the Trusler Foundation, the Wabaunsee County Historical Society, and an anonymous donor.

This project is an expansion of the Emil Redmon's Cow project, a growing archive of stories. To date, more than 175 entertaining, historically significant, and often enlightening anecdotes have been collected from 45 participants. "Wisdom Keepers" will add 20 additional interviewees to the collection.

To learn more about

this project, and see past interviews, visit [PioneerBluffs.org](http://PioneerBluffs.org) or [RedmonsCow.org](http://RedmonsCow.org)

The Trusler Foundation has gifted significant financial resources to various organizations and projects since its inception in 1957 by Harold and Irene Trusler. Its funds are used for charitable, religious, scientific, literary and educational purposes within Lyon, Chase and Coffey counties. The Trusler Foundation is a private 501(c)(3) founda-

tion hosted by ESB Financial. The Emporia Community Foundation provides the expertise for the grant giving side of the foundation.

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

## Poor soils lose carbon regardless of crop residue and nitrogen inputs

Let's say you're a corn grower farming on low-fertility soil. How do you go about making that soil healthier and more fertile? Many farmers think if they add plenty of nitrogen fertilizer, that nutrient, along with carbon, will be stored in the soil as organic matter when microbes decompose crop residue. But new research from the University of Illinois suggests those efforts might not work for poor soils.

The new study, published in the *Soil Science Society of America Journal*, compared corn residue decomposition in high- and low-fertility, with and without nitrogen fertilizers. The results came as a surprise.

"Corn residue decomposed significantly faster in poor, low-nitrogen-supplying soils compared to a fertile soil, especially when we added nitrogen, which stimulated microbial activity. It was a surprise, based on our earlier findings that showed high-nitrogen corn residue

broke down faster," said study author Tanjila Jesmin, doctoral researcher in the Department of Natural Resources and Environmental Sciences (NRES), part of the College of Agricultural, Consumer and Environmental Sciences (ACES) at U of I.

Richard Mulvaney, professor in NRES and study co-author, explained poor soils have fewer aggregate particles, small craggy nuggets that house soil microbes and give soil its structure. With fewer aggregates, free-wheeling microbes roam loose in the soil, encountering carbon more frequently, gobbling it up, and creating carbon dioxide as a byproduct.

"In a poor soil with less aggregate stability, microbes have greater access to the residues and the carbon. And when there's a high nitrogen supply, they also have a high demand for carbon as an energy source. Eventually, their demand may exceed the carbon supply in residues, which may cause them to

attack organic matter in the soil," Mulvaney said. "The microbes just keep burning it and evolving more carbon dioxide. It's a downward spiral."

To learn how soils of contrasting fertility mineralized carbon in the presence of corn residue, Jesmin performed a soil incubation study in the lab. She collected two soils of the same type from production fields in central Illinois, one with high native nitrogen content and one depleted in nitrogen after 70 years of continuous cropping. She also collected corn residues from a single field; this time, the corn tissue didn't differ in

terms of nitrogen content.

Jesmin incubated the soils in jars after applying different combinations of corn residues and one of two fertilizers: potassium nitrate or ammonium sulfate. She monitored continuous carbon dioxide emissions and intermittent changes in microbial activities from the incubation jars over a two-month period as a measure of microbial carbon mineralization.

"Fertilizer increased residue decomposition rates for both soils, but the fertilizer types behaved differently according to soil fertility," Jesmin said. "Potassium nitrate was

more effective for increasing the residue decomposition rate in low-nitrogen soil, whereas ammonium sulfate had a greater effect in the high-nitrogen soil."

Jesmin also noted an acidification effect of fertilizer in the low-nitrogen soil, an issue that can limit roots' access to essential nutrients and deepen the downward spiral for poor soils.

"For me, the striking message from this paper is that it's not possible to improve low fertility soil by applying more fertilizer nitrogen to grow more residues. You can put nitrogen in the soil, but you

can't keep it," Mulvaney said.

He added nitrogen management could potentially make a difference in low-fertility soils, for example applying fertilizer during the growing season as crops demand it. He also suggested reducing tillage intensity.

"Tillage, of course, is a factor that promotes mineralization, carbon dioxide production, and residue decomposition. Maybe if you go to a system like no-till, that could be useful for reducing microbial activities and their access to those residue carbon sources," he said. "It might help."

**\* AUCTION Reminder \***  
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# JoCo Master Gardeners set to host international conference June 17-22

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

Officials planning an international gardening conference in Overland Park in mid-June say the response to this year's event – the first-ever in Kansas – has been exciting.

As of mid-May, they say there have been nearly 1,100 registrants for the International Master Gardeners Conference at the

Overland Park Convention Center. Participants will come from 43 states, as well as Canada and England.

“We have been overwhelmed by the response for this conference,” said Dennis Patton, a horticulture agent with K-State Research and Extension’s Johnson County office. “We are planning to show our guests our Midwest hospitality. Our Extension

Master Gardener volunteers are excited to show off Kansas and our local program.”

The June 18-22 conference is hosted by the K-State Extension Master Gardeners of Johnson County and its nearly 500 members. There are nearly 86,000 Master Gardeners in the United States; this is the first in-person conference for this group in nearly four years due to

restrictions of the COVID-19 pandemic.

Registration is still available online at <https://imgc2023.com>.

The conference kicks off with local and regional bus tours on June 18-19. Patton said the tours include an overnight trip to gardens in Wichita, Heston and McPherson; day trips to Manhattan and Topeka; and local tours to garden sites in the Kansas City metro area.

“One of our goals from the start of planning for this conference was to showcase Kansas, even though we’re located in the far eastern side (of the state),” Patton said.

Conference keynote speakers include:

- Monday, June 19 – Jim Richardson, National Geographic photojournalist, Feeding Planet Earth.
- Tuesday, June 20 – Abra Lee, author and historian, Untold stories of Black Garden History.
- Wednesday, June 21 – Charles Rice, K-State professor and Nobel Peace Prize winner, Gardening in a Changing Climate.
- Thursday, June 22 – Jessica Walliser, horticulturist and award-winning author, Plant Partners: Science-Based Companion Planting Strategies for the Vegetable Garden.
- Thursday, June 22 –

Scott Beuerlein, Cincinnati Zoo, writer and humorist, Why Gardens and Gardening Matter.

Additional talks open to the public include speakers presenting on gardening in England; the monarch butterfly migration; and garden design.

Patton said the conference also features the Garden Thyme Marketplace trade show, with nearly 100 garden-related vendors. The trade show is free and open to the public.

More information, including registration and a full conference schedule, is available at <https://imgc2023.com>.

## Early fungicide applications to corn

By David Hallauer, Meadlowlark District Extension Agent, Crops & Soils/Horticulture

As corn reaches the V4-V7 growth stages, you may hear of early season fungicide applications. In a 2019 article, University of Nebraska plant pathologist Tamra Jackson-Ziems summarized results of a large analysis of U.S. and Canada fungicide trial results, noting the probability of positive economic return from dual modes of action fungicides at only about 40 percent of the time while a single mode of action resulted in probable positive returns on investment less than 20 percent of the time. Iowa State University plant pathologist Alison Robertson compared fungicide application timings, showing yield benefits from V5 applications ranging from -2.5 to 6.0 bushels/acre (2.1

bushels/A average), compared to 1.2 to 17.7 bushels/acre (6.0 bushels/acre average) with an application at V7. In short, it often didn't pay.

Why are the chances for a profitable result so variable and often not any better than 50 percent? Robertson provides a number of suggestions.

First, V5/6/7 applications are done to leaves that typically die and fall off soon after canopy closure, not substantially contributing to yield. A fungicide is active on the leaves to which it is applied, and while it may move through the leaf tissue to leaf margins, it will not translocate through the whole plant or to new leaves that emerge from the canopy.

Second, length of effectiveness varies, but many fungicides provide protection for about three weeks. Early applications

are done when it's unusual to see foliar disease pressure. If Gray Leaf Spot pressure is heavy, we could see some early presence, but it's seldom extreme. Work at Iowa State and Wisconsin also found no relationship between diseases like anthracnose leaf blight and later stalk rots, negating the need for early fungicide passes for preventing stalk rots.

Third, applying an early fungicide does not negate the potential need for one later. If disease is an issue, fungicide applications at V7 will still be necessary – and will provide a much better chance for a positive return on investment.

In most cases, save the fungicide for later applications when ROI is better. This will not only help your bottom line, but help reduce potential fungicide resistance issues as well.

## Truterra pays over \$9 million to farmers for sequestering 462,000 metric tons of carbon in first two years of program

Truterra, LLC, a leading agricultural sustainability business that offers consultation, tools and solutions for the ag and food value chain, recently announced the results of its carbon program for 2022, which paid more than \$5.1 million to farmers for approximately 262,000 metric tons of carbon stored. With these results, Truterra's carbon program has paid more to farmers, resulting in more sequestered metric tons of carbon as compared to another leading program. In the first two years of the program, Truterra has paid more than

\$9 million to farmers for over 462,000 metric tons of carbon.

Two-thirds of Truterra employees are farmers or have a family member who farms, so they understand the unique needs of farmers and have crafted programs to foster our farmers' success. Truterra's differentiated approach includes:

- Access to the Truterra™ sustainability tool and agronomic support from trusted advisors, with ag retailers as an essential channel for the program;
- Offering qualified farmers optimal earning potential by paying based on actual carbon stored rather than a set per-acre payment; and
- No costs for data collection or verification for farmers.

“Farmers are fast realizing that Truterra's farmer-friendly approach aims to strengthen the connection between sustainability and profitability,” said Tom Ryan, president of Truterra. “By working with and through farmer's

trusted advisor, the carbon program has continued to achieve great success in its second year, and we look forward to continuing to meet farmers where they are in their sustainability journey in order to help them make the best agronomic, economic and environmental decisions for their farms.”

Other notable results from Truterra's 2022 carbon program include:

- 273 farmers participating in the 2022 carbon program;
- An average total payment per participating farmer of over \$18,000.

“I had read about carbon programs without giving it much thought until GreenPoint Ag mentioned they work with Truterra and it's a real thing that I could enroll in and could not only help with my bottom line, but also the sustainability of my farm,” said Robert Walters, a farmer in Alabama.

“At the end of the day, it's Truterra's farmer focus that makes us preferential to their carbon program and sustainability solutions, and we are dedicated to helping farmers in their sustainability journey in lock step with the Truterra team,” said Daniel Mullenix, director of ag technologies at GreenPoint Ag.

Beyond Truterra's leadership and differentiation in carbon, Truterra also offers a range of solutions to meet farmers wherever they are in their sustainability journey, from a soil health assessment, which provides a comprehensive report with actionable insights for farmers to understand the biological, chemical and physical health of their fields, and then create a road map for improving their soil health, to our farmer-centric, retail-driven carbon program. Sustainability is not a one-size-fits-all approach and Truterra is committed to supporting farmers with customized tools, insights and pathways to plan, make and maintain regenerative practices on their operations for the long term. To learn more about the range of services visit <https://www.truterraag.com/enroll>.

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**BAR V POLL 50 BOND 13K**  
 ARUBIAL BOND 0007 X BAR R 5U PBB95177 WBVP2213K

GL	BW	200	400	600	MCW	MILK	SS	CW	EMA	RF	RBV	MS	MF	WBI	SRI	FTI	FI	
EBV	+0.2	-0.1	+8	+9	+20	+19	0	-0.2	+28	+6.9	-0.2	+0.7	+3.0	+0.47	+246	+266	+243	+234

**SEMEN ON THIS TOP MARBLING POLLED BULL SELLS AS LOT 10**

*Everyone is invited to stop by the ranch and view the cattle anytime before the sale*



**BAR V TYDDEWI-SUZITO 44K**  
 TYDDEWI N4431 X SYNERGY SHIG SUZITO PBB7514 WBVP2214K

GL	BW	200	400	600	MCW	MILK	SS	CW	EMA	RF	RBV	MS	MF	WBI	SRI	FTI	FI	
EBV	+0.8	+0.5	+5	+16	+19	+18	-4	-0.6	+14	+8.2	-4.8	+1.8	+3.1	+0.36	+261	+280	+252	+241



**BAR V POLL UNITED 36K**  
 ARUBIAL UNITED P342 X BAR R 27Y PBB7502 WBVP2213K

GL	BW	200	400	600	MCW	MILK	SS	CW	EMA	RF	RBV	MS	MF	WBI	SRI	FTI	FI	
EBV	-1.6	+2.4	+13	+25	+35	+38	+1	+0.1	+29	+2.8	+0.1	-0.5	+2.4	+0.42	+248	+255	+239	+222



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# Soy Innovation Challenge winner offers new approach to soy meal processing

The United Soybean Board, in partnership with The Yield Lab Institute, is proud to announce Satavie as the winner of the 2023 Soy Innovation Challenge. The Challenge called on entrepreneurs, innovators, startups and research teams to bring new ways to advance soybean meal use and demand in existing markets.

Satavie was selected out of nearly 80 applicants from around the world for their approach to extract concentrated soy protein from soybean meal. Their method ensures high levels of digestibility, im-

proved nutrient absorption, and increased feed conversion rates ideal for swine, poultry and aquaculture feed. As the winner, the company received \$100,000 courtesy of the United Soybean Board and \$5,000 of in-kind technical services and credits from Amazon Web Services.

"The impact for the soy industry is enormous. Our water extraction patented technique leads to better health outcomes, overall growth and improved meat quality. It ultimately aids in digestion early on in animal diets to nutritionally set them up for success,"

said Satavie president Lasse Jakobsen. "This innovation expands market opportunities and opens up new sectors for U.S. soybean farmers."

The Soy Innovation Challenge discovers new ways to utilize and add value to U.S. soybeans. This year's contest focuses on strengthening soybean meal markets, as the supply of soybean meal continues to increase. This is primarily due to growing demand for soybean oil used as a feedstock for renewable energy.

"In reviewing all the applicants' proposals and hearing from these forward-thinking finalists, it reiterates that soy can be the solution for so many applications," said April Hemmes, USB farmer-leader from Iowa, Demand Action Team Chair and Soy Innovation Challenge judge. "These are four totally different ideas all using soybean meal. It's neat to see this sustainable product that U.S. farmers grow bring an added value, which is a great way to invest soy checkoff dollars. Everyone is looking for a sustainable solution these days, and U.S. Soy can be the answer."

Each finalist received a cash prize, mentoring and resources to help advance their ideas in the areas of technical, business and financial impact. Finalists include:

• POLARISqb — POLARISqb utilizes quantum computing and artificial intelligence to revolutionize drug design. They are developing a feed additive, specifically a peptide, that makes soy meal digestible and nutritious for livestock without re-

lying on costly extraction methods. — First runner-up awarded \$50,000.

• SoyKitty — SoyKitty is an innovative pet company that creates premium companion animal products that are safer for people, pets and the planet. Their flagship product will be an eco-friendly, non-toxic cat litter made predominantly from soybean byproducts (spent flakes, carbohydrates, etc.) for eco-conscious cat owners that demand an odor-free household without hurting the planet. — Second runner-up awarded \$20,000.

• Ichthus Unlimited — Ichthus Unlimited aims at resolving bottleneck issues for the aquaculture industry and providing solutions for its sustainability and permanence. A key research and development focus of Ichthus is to develop soy-based (from soy hulls) animal feed binders to replace costly alternatives. — Third runner-up awarded \$10,000.

"I am proud of all of our finalists," said Brandon Day, COO of The Yield Lab Institute. "They have brought forth innovative solutions to solve some of the industry's biggest challenges. Because of our sponsors — USB, Amazon Web Services and Solis Agrosociences — and their continued support of these

entrepreneurs, the trajectory and potential of these ideas bring new ways of thinking to the marketplace. They, in addition to our mentors and partners, have played an important role in accelerating their technologies to market."

The \$100,000 awarded to Satavie will be used to scale the company, verify the product in-market (similar to its use in Denmark and Canada) and start to build a customer

base in the U.S. This includes bringing the technology into a facility to start processing U.S. soybean meal creating the soy protein concentrate directly in the U.S. The prize money for the other finalists will help commercialize their products/technologies to further the use of U.S. soybean meal, additionally driving soy's reputation as a sustainable ingredient.

## Perrier announced as American Gelbvieh Association summer intern

The American Gelbvieh Association (AGA) is excited to announce the hiring of Ava Perrier, Eureka, as the AGA summer intern. In her internship, Perrier will be assisting in all aspects of AGA operations including member programs and services support, member education and American Gelbvieh Junior Association (AGJA) Junior Classic activities.

"The AGA's internship program is focused on giving students a well-rounded experience with all facets of a beef breed association, from member services and junior programs to communications and marketing," says Megan Slater, AGA executive director. "We are excited to have Ava joining us for the summer and assisting in these different areas."

Perrier grew up on a registered Angus ranch near Eureka. She attends Kansas State University, pursuing an Animal Science degree in a communications and marketing option. She is a member of the Kansas State University Meat Judging team, serves as vice president of finance in her sorority, is an Animal Science Mentor, and is active in the Silver Key Sophomore Honorary. Ava hopes to continue her passion for communicating with people while making an impact on the beef industry in her future career.

"Breed associations are vital to the beef industry, and I have always been drawn to the work they do," said Perrier. "The team at the AGA is full of hard-working, passionate people, and I am so thankful for the opportunity to learn from them. I can't wait to meet all the juniors, breeders and everyone else involved in the AGA!"

Perrier began her internship on May 22 and can be reached at intern@gelbvieh.org or at the AGA office at 303-463-2333.

### \*\*REAL ESTATE AUCTION\*\*

**TUESDAY EVENING, JUNE 6, 2023 • 7:00 PM**  
502 Albert (Emporia Livestock Sale Barn), EMPORIA, KS

**148.22 acres Lyon County Farm for COLDSMITH FAMILY IRREVOCABLE TRUST**

**LOCATION OF LAND:** 1000 Road 270, Emporia, KS. North of Emporia on Hwy. 99 & continue North on Road L (Allen Road) to Road 270, and West 1/2 mile to Northeast corner of property.

**GENERAL DESCRIPTION:** An upland farm typical to the area with a mix of cropland, native hay meadow, wildlife habitat, creek and a pond. Rural Water and utilities. One-half mile from blacktop road.

**LEGAL DESCRIPTION:** 148.22 acres in Northwest quarter of Section 27, T17S, R11E, Lyon County, KS.

**INSPECTION:** By calling auctioneer. **NOTE:** Land is leased. Respect tenants rights!

**NOTE: Here is an opportunity to purchase farmland. Land has been in the Coldsmith family for years!!**  
**TERMS:** \$20,000.00 as earnest money day of auction. Balance of purchase price at closing on or before July 6, 2022. Purchaser to pay cost of one-half owner's policy of title insurance. Purchaser responsible for 2023 taxes and to receive 2023 rental income. Land is being sold subject to the rights of the tenants. Arrange your financing prior to the auction and come prepared to BUY!

**COLDSMITH FAMILY IRREVOCABLE TRUST, SELLER**

Info & Photos: [www.hancockauctionandrealstate.com](http://www.hancockauctionandrealstate.com)



620.340.5692 PAUL HANCOCK, Auctioneer

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**DIRECTIONS:** From Afton, travel South on Hwy 60, 2 mi to 250 Rd West, 1.5 miles. From Vinita - Travel east on Hwy 60 (66/69) 9 mi to Craig-Delaware Co. Line to 4430 Rd, then N 2 miles to E 250 Rd, then Left 1/2 mile on 250 Rd to the farm.  
• ALL ITEMS SOLD AS IS WITHOUT WARRANTY  
• Terms: Cash, Check w/ ID, MC, Visa, AMX  
• Buyers Premium 5% with Cap.  
• Announcements Day of Auction take Precedence  
**WATCH FOR AUCTION SIGNS LUNCH AVAILABLE**

# AUCTION

**SATURDAY, JUNE 3, 2023 — 10:00 AM**  
Morris County 4-H Building, 612 Hwy 56 \* COUNCIL GROVE KANSAS  
Directions: 1 mile east of Council Grove on US Hwy 56. WATCH FOR SIGNS

**GUNS:** Winchester Md. 37A Long Tom shotgun 12ga., single shot, bronze receiver, good condition; New England Arms Pardon 410 shotgun, single shot; JC Higgins Md. 20 shot-gun, 12ga., pump, vented rib; Marlin Westport GA22 .22 rifle, auto, needs work; Ruger Mark II 22 pistol with clip; Savage 243 rifle, bolt action with scope. **SNOWMOBILES, CAR CADDY & BOAT:** Yamaha 500 snow mobile, water cooled, 4,339 miles; Polaris Trail Deluxe snowmobile, air cooled, 2,476 miles; Car Tow car dolly, new tires, surge brakes; Glastrone CV 16ft. ski boat on trailer, needs repair; Coleman 16ft canoe. **MOWER, EQUIPMENT & TOOLS:** Husqvarna RZ 46" 23hp zero turn mower good; Husqvarna 450 chainsaw; Craftsman Planer Molder, 12" wide 6" thick, power feed; 2 Buyers aluminum tool boxes like new; Haul Master rear

caddy; Homelite 3,000 watt generator; Craftsman 10" table saw with router table; sand blaster; 2 hyd. cylinders; hand tools of all kinds; chop saw; Milwaukee angle drill; Makita plunge router like new; Craftsman miter and worm drive saw; 4ft wood levels; Craftsman scrolling saw; 4" joiner; floor sander; Sands jam level 6ft. good; pipe bender; 2 irrigation pumps on trailer; 6ft. 3pt blade; 25 gallon 12 volt sprayer with 5ft. boom; fiberglass extension ladders & step ladder; Craftsman rear tine tiller 6 1/2 hp., runs good; Rigid pipe vice, dies & reamers; kerosene heater; precision tools & meters; Snap On tool box; Troy Bilt gas weed eater new; push mower & bagger like new; Wagner paint sprayer; Ryobi belt sander; 10x10 canopy & another bigger canopy; propane space heater; several walking sticks; Power King

bench top drill press; Coleman Powermate 1500 watt generator; Porter Cable cordless tools; torch gauges & hose; 2 Vise Grip welding clamps, new; Bosch hand grinder. **FURNITURE & MISC.:** Abernathy china cabinet; oak coffee table & end table; McCalls cabinet; Lazy Boy electric recliner, good; 2 wood school desks; Charbroil gas grill, 4 burner; pine gum cabinet, hold 6 guns, glass front; metal kitchen cabinet; electric fireplace; turkey fryer; dehydrators; 40lb propane bottle full; Champion 12-volt blue rock thrower; chains & boomers; extension cords; dog kennel; fishing poles & tackle, deep finder; compound bow; numerous arrows; camo duck blind; tile drainage parts; 2 sets of men's golf clubs; 1 set of women's golf clubs; 12ft metal gates, good; kerosene lamps; large CI kettle; CI seat; 2 steel wheels.

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For pictures go to: [hallgrenauctions.net](http://hallgrenauctions.net)  
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# Jones named outstanding mentor to undergraduate researchers

Kansas State University is recognizing Dr. Cassie Jones, K-State animal sciences and industry professor and teaching coordinator, for being an outstanding mentor to undergraduate researchers.

Shortly after her arrival in the animal sciences and industry department, Jones assumed a role as coordinator of undergrad-

uate research in 2017. She recognized the need to provide more research opportunities and established a course-based, hands-on undergraduate research experience. Jones also serves as the animal science and industry department's teaching coordinator where she continually looks at approaches to improve the department's

academic programs while guiding the program in its endeavors. Jones leads scholarship of teaching efforts in the department, having generated more than \$700,000 in grants and gifts and publishing four peer-reviewed manuscripts.

"It is a privilege to work

at an institution where commitment to teaching and student mentorship is recognized," Jones said. "The true credit for this award belongs to the entire animal sciences and industry department for their investment and support of undergraduate research as researchers,

advisors, and staff. Mentoring undergraduate research is rarely an easy task, so I sincerely thank my colleagues who continue to help us provide learning opportunities in our animal laboratories and farms so that students can gain hands-on experience and learn to use data

to make science-based decisions."

Jones is the recipient of the 2022 U.S. Department of Agriculture Excellence in College and University Regional Teaching Award for Food and Agriculture Sciences and the 2021 Mortar Board Outstanding Faculty Award.

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**AUCTION Reminder**  
**SATURDAY, JUNE 3, 2023 — 10:30 AM**  
Located at 4976 E. 301 St., MELVERN, KANSAS  
(From Melvern 4 m. East, 1 mi. North, 1/2 m. West)

2 Guns sell first; 2001 Chevy 2500 SE pickup, good cond. (sells 9:00 a.m.); Honda Foreman 400 4x4; 2 deep freezers; vintage furniture; Vintage rocking Wonder Horse; 6+ Quilts; Holiday decor; KitchenAid mixer; power washer; kitchen items, Fiesta, pots, pans, griddles, InstaPot, Vintage games, bedroom suites, furniture & MUCH, MUCH MORE! CASH or CHECK. NO CARDS.

**JoANN ARB & The ESTATE OF JANELLE ARB, Sellers**

**WISCHROPP AUCTIONS** Pics & Info: [www.wischroppauctions.com](http://www.wischroppauctions.com)  
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# USDA seeks feedback from producers

During the next several weeks, U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will conduct two major mid-year surveys, the June Agricultural Survey and the June Area Survey. The agency will contact producers across Kansas to determine crop acreage and stock levels as of June 1, 2023. "The June Agricultural Survey and the June Area Survey are two of the most important and well-known surveys NASS conducts," explained NASS' Kansas State Statistician, Doug Bounds. "When producers

respond to these surveys, they provide essential information that helps determine the expected acreage and supply of major commodities in the United States for the 2023 crop year. The results are used by farmers and ranchers, USDA, businesses, exporters, researchers, economists, policymakers, and others who use the survey information in making a wide range of decisions that benefit the producer." Producers can respond to the June Agricultural Survey online at [usda.gov](http://usda.gov), by phone, or mail. They will be asked to provide information

on planted and harvested acreage, including acreage for biotech crops, and grain stocks. For the June Area Survey, agency representatives will conduct interviews with farm and ranch operators in randomly selected segments of land. Producers will be asked to provide information on crop acreage, grain stocks, livestock inventory, land values, and value of sales. "NASS safeguards the privacy of all respondents by keeping individual information confidential and publishing the data in aggregate form only. This ensures that no operation or producer can be iden-

tified," said Bounds. "We recognize this is a hectic time for farmers, but the information they provide is vital in support and promotion of U.S. agriculture. I urge them to respond to these surveys and thank them for their cooperation." NASS will analyze the survey information and publish the results in a series of USDA reports, including the annual Acreage and quarterly Grain Stocks reports, to be released June 30, 2023. The survey data also contribute to NASS' monthly and annual Crop Production reports, the annual Small Grains Summary, annual Farms and Land in Farms and Land Values reports, various livestock reports, including Cattle, Sheep and Goats, and Hogs and Pigs, and USDA's monthly World Agricultural Supply and Demand Estimates. These and all NASS reports are available at [nass.usda.gov/Publications/](http://nass.usda.gov/Publications/). For more information, call the NASS Kansas Field Office at 800-582-6443.

**GUN AUCTION**  
**SUNDAY, JUNE 4, 2023 — 12:00 NOON**  
Auction will be held at the Commercial Building located at the Fairgrounds in BELLEVILLE, KS

**HAND GUNS:** 1. Smith & Wesson, model 25-15 45 Long Colt, DA; 2. Stoeger, 1975 Army, 45 Long Colt; 3. Ruger Old Model Blackhawk Flat-top 357 SA; 4. H&K VSP, 40 S&W, DA; 5. Ruger P89, 9mm DA semi; 6. Ruger New Model Super Blackhawk, SA revolver, 44 mag; 7. Ruger New Model Blackhawk 30 carbine, SA revolver w/Weaver scope; 8. Ruger GP100, 357 mag, DA; 9. Ruger New Model Bisley Blackhawk, SA revolver 357 mag; 10. Ruger New Model Bisley Blackhawk, SA revolver 44 mag; 11. EAA Witness, 9mm DA; 12. EAA Witness, 10mm semi, Burris Red Dot sight; 13. Ruger New Model Flat Top Blackhawk 50th anniversary, 44 mag, SA NIB; 14. Ruger New Model Flat Top Blackhawk 50th anniversary 357 mag SA NIB; 15. Ruger New Model Flat Top Blackhawk 50th anniversary, 357 mag SA; 16. Ruger New Model Buckeye Blackhawk Convertible 38/40-10mm, SA; 17. Ruger New Model Super Blackhawk Hunter, SA revolver, 44; 18. Ruger MKII, semi, Bull barrel 22 LR; 19. Taurus DA revolver, 44 mag; 20. Smith & Wesson Highway Patrol model 28-2 mag, DA; 21. Colt 1911 Essex Frame, Bo-mar sights, 45 ACP, SA; 22. Springfield Armory 1911 A-1, stainless 45 ACP, SA; 23. H & K 45, DA semi 45 ACP; 24. Luger S/42, mfg 1938, 9mm, WWII (9043); 25. Winchester mod 94, big bore 356 Win, lever action Leupold scope; 2. Weatherby Vanguard, 270 Win Nikon scope bolt; 3. Remington 700RS, 270 Win Burris scope bolt; 4. Remington 700 Classic, 35 Whelen bolt; 5. Ruger M77 MKII, 6.5x55; 6. Ruger M77 Mannlicher stock, 250 Savage, bolt, w/Redfield scope; 7. Ruger M77 MKII heavy barrel, Varmint/Target w/Leupold scope; 8. Ruger M77 MKII heavy barrel Varmint/Target 308 w/Burris scope; 9. CZ550, 357 H & H mag bolt; 10. Winchester model 70 Westerner, 300 Winchester mag, bolt w/Leupold scope; 11. Winchester model 70, 30-60, Burris scope; 12. Mauser custom 308 Shilen barrel bolt, Leupold scope; 13. Browning Eurobolt, 30-06; Burris scope; 14. Mauser 7mm mag, bolt, MFG Voere Kuestien Austria, w/Leupold scope; 15. Parker Hale, bolt 30-06 rebarreled w/original Burris scope; 16. Stevens 87A 3 in 1, 22 S,LLR semi; 17. Rossi Puma, model R92, lever 38 special-357 Mag; 18. Marlin 1894S, 44 mag, lever; 19. Marlin 1895G, 45-70, lever, gun guide; 20. Marlin model 336, 30-30 lever; 21. Remington model 572, NRA 2004 Gun of the Year, 22 LR pump rifle (741 of 1,000) NIB; 22. M1 Garand rifle, MFG International Harvester, 30-06; 23. Husqvarna 1942 bolt rifle, 6.5 x 55, numbers match; 24. Enfield #4 MKI, 1943, 303 British; 25. Savage Mark II, 22 Long rifle bolt, Thumbhole stock w/Burris scope; 26. Mossberg, MMR 223 semi; 27. Panther ARMS, DPMS AR 10, 308 semi rifle; 28. Beretta Pintail ES100, 12 ga w/spare slug barrel; 3. Winchester 1200 pump shotgun, 12 ga vent rib.

**Bullets & Brass**

**NOTE: The guns are in very good condition. Check our website for pictures [www.thummelauction.com](http://www.thummelauction.com). The guns are in a vault and will be available for viewing at 10:00 a.m. on Sunday morning June 4.**

**RONALD E. BALL ESTATE**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

**AUCTION Reminder**  
**THURSDAY Evening, JUNE 1, 2023 — 5:00 PM**  
Held at the Community Bldg., OSAGE CITY Fairgrounds  
517 S. 1st, OSAGE CITY, KANSAS

IH 560 D tractor, good cond.; pull-type 12' HD box scraper; Woods 7' blade, 3 pt.; rotary mower, 6', 3 pt.; chipper/shredder; air compressor; tiller; drafting machine; bumper pull 5x10' trailer & More!  
**Good assortment of L&G and yard items, nice assortment of sound equipment, woodworking tools, all kinds TOOLS.**  
All from Two Area Sellers

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**LARGE COIN AUCTION**  
**\* STAMPS \* POCKET WATCHES \* HUNDREDS OF COINS & MORE!**  
**SATURDAY, JUNE 3, 2023 \* 10:00 AM**  
LOCATION: 806 Nishnabe Trail, ROSSVILLE, KANSAS 66533

**Items Offered for Sale include:** Franklin Half Dollars, Walking Liberty Half Dollars, Eisenhower Dollars, Liberty Head Nickels, Proof Sets, Kennedy Half Dollars, Silver Proof Sets, Morgan Silver Dollars including Carson City Morgan's, Bicentennial proof sets, Mercury dimes, Westward Journey nickels, commemorative coins, 1st date Mint coins, Roosevelt dimes, Barber dimes, Barber quarters, Wheat pennies, many silver quarters, Indian Head and Buffalo nickels, Indian Head pennies, paper silver certificates, stamps, stamp books, pocket watches & much much more!

**AUCTIONEER'S NOTE:** A massive selection of Coins as well as several pocket watches and many lots of stamps! Auction held inside with air conditioning!

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**AUCTION**  
**SATURDAY, JUNE 3, 2023 — 10:00 AM**  
Auction will be held at the commercial building located at the Fairgrounds in BELLEVILLE, KS

Glassware; primitives; local & area advertising inc: thermometers, plates & paper items; many pottery pieces (McCoy, Shawnee, Frankoma, Hall Art, Dryden, Miltonvale & Haeger); large McCoy punch bowl set; advertising & calendar plates (Courtland, Scandia, Mankato, Byron, Neb, others); Christmas décor; color wheel; huge assortment glassware (goblets, vases, pitchers, cups & saucers, flowerpots, decorative dishes, various dinner serving sets, cut glass, handpainted items, white hobnail, Shirley Temple cup, Carnival glass, Tiara glass, brown pottery, Milk glass, Fire King, Pyrex, Corningware, aluminum, pink & green Depression, Fenton); Korean memorabilia (wood carved, brass, ivory); pottery (McCoy, Shawnee, Frankoma, Haeger, Dryden, Miltonvale, Hull Art); silhouette pictures; Avon collectibles; salt & pepper collection; jars buttons; assortment sewing; large collection advertising pieces; glass shoe collection; Hone file cabinet; wooden highchair; large hen & chicks collection; Toby mug collection; yearbooks from local high schools & Kansas colleges; Aunt Jemima syrup jars; Costco step stool; bakers rack; metal wardrobe; sewing cabinet; jewelry boxes; Pyrex refrigerator jars; large assortment costume jewelry; wooden corner cabinet; huge collection plates (Schmid, Norman Rockwell, Hummel, Bradford Exchange, Royal Copenhagen, Terry Redlin, B & G, Avon); oil lamps; antique cash register; cast iron bulldogs; glass butter churn; Edison records; calendars; wooden school armchair; maps; Smith Corona typewriter; New Home sewing machine; cigar boxes; Terry Redlin spoon calendar; white children's dresser; antique mirror; huge assortment of knick-knacks.

**NOTE: Chester & Mildred attended many auctions and collected glassware, primitives, local & area advertising. This will be a large auction. Check our website for pictures at [www.thummelauction.com](http://www.thummelauction.com)**

**CHESTER & MILDRED RUSSELL FAMILY**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

**RENO COUNTY, KS**  
**557.71± ACRES FARMLAND**  
» SELLING IN 5 TRACTS «  
**UNRESERVED ONLINE LAND AUCTION**  
Bid Online **MAY 23-JUNE 6, 2023**

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Explore the Property from Above  
**DRONE TOUR**

Sellers: Hal E. Judy Estate; Martha H. Judy Trust; Stacy E. Judy Trust; City of Hutchinson, KS

Contact Listing Agent  
**Mike Campbell 620.899.6989**

**BIDDING ENDS JUNE 6 AT 11 A.M. CDT**  
Get a salebill, register and bid at [www.bigiron.com](http://www.bigiron.com)

- Seller's mineral rights to buyer believed 100% intact
- Tracts sell individually
- 4 of 5 tracts adjoin city limits South Hutchinson or Hwy 96 frontage
- Possession August 1, 2023

**Tract #1:** 29.57± acres  
• Across from Love's truck stop South Hutchinson, KS  
• 94.8% 'Prime' cropland  
• Prime development property

**Tract #2:** 144.18± acres  
• Includes the farmstead  
• 100% 'Prime' cropland  
• Prime development property

**Tract #3:** 105.76± acres  
• 92.9% 'Prime' cropland  
• Prime development property  
• Blanchard St frontage

**Tract #4:** 130.43± acres  
• 118.36± acres cropland  
• 100% 'Prime' cropland  
• 12.07± acre pond

**Tract #5:** 147.77± acres  
• 147.6± acres cropland  
• 98.6% 'Prime' cropland  
• Paved Whiteside Rd & Clark

**Attend the Auction**  
**Tuesday, June 6, 2023**  
9 a.m. CDT until bidding ends  
**Community Center**  
101 West Avenue C | South Hutchinson, KS 67505

Big Iron Realty representatives will be there to answer questions about the property and assist buyers with bidding online. You do not have to be present to bid online, but you are required to be available by phone. Sellers: Thinking of selling your property? Please attend this auction and see how it works!

**PUBLIC AUCTION**  
**SATURDAY, JUNE 10, 2023 — 9:00 AM**  
Auction held at 1525 240th Road or 3 1/2 miles north to Lincoln Rd., then 2 miles west to 240th Rd. and 1/4 mile north from CUBA, KANSAS.

**VEHICLES, ATV, CAMPERS, TRAILERS & BOATS**  
2008 self contained 25' Wild-wood pull type camper, very nice; 2004 S&H single horse trailer, contender sport, pull type, double compartment, like new; 2003 Chevy 3500 diesel 4dr. dually 4x4 pickup, auto, 210,000mi. nice; 1991 Pontiac Grand Am 2dr. car V6, auto.; Ford 4dr. Explorer XLT, doesn't run; 1974 Dodge Sportsman 20ft. Midas motor home, doesn't run; 1990 Ford extended cab 1500 pickup, doesn't run; Artic Cat 250cc 4 wheeler w/windshield, back metal box & new battery; 1977 Tandem axle 25ft. gooseneck camper trailer; 16ft. Tandem flatbed pull type trailer, 16ft. stock trailer; Tri Hull 70hp. motor boat w/trailer; 14ft. & 16ft. motor boats w/trailers.

**TRACTOR & MACHINERY**  
1969 JD 3020 diesel tractor, 8 spd. trans.,WF, 3pt. 3078 hrs. w/JD 148 front loader w/7ft. bucket, runs good; Hesston 5540 big round baler; Hesston 3500 3pt. 5 ft. rotary mower; NH 114 hydro swing 14ft. swather; AC 444 square twine tie baler; Rhino 8ft. 3pt. blade; 14ft. Krause & MF wheel discs; JD 3x14 plow 3pt.; 3pt. post hole digger; 3pt. bale mover; 40ft. x6in. PTO auger; JD 9ft. trail type & 7ft. 3pt. sickle mowers; 110 gal. & 300 gal. fuel barrels; 12-4 & 6 row pieces machinery.

**LAWN MOWERS & TOOLS**  
Troy Bilt 42in. riding mower; Master Craft 30in. riding mower; 24in. snow blower; 2 push mowers; 2 wheel lawn tractor; yard sweeper; Toro elect. space heater; Power Mate 54 generator; air nail guns; router on stand; weed eaters; band saw; scroll saw; 8in. table saw; Poulan 16in. chain saw; elect. air compressor; propane torch w/bottles; angle grinders; circular saw; chop saws; 180amp welder; bench drill press, bench grinder; 6 & 8ft. fibreglass step ladders; 24ft. alum. extension ladder; socket sets; wrenches all kinds; rolling tool chests; floor & hyd. jacks; log chains; vises; chain hoist; chicken feeders & waters; metal panels; 2 metal head gates; metal squeeze chute; elect. fences; 3 piles iron; rack load of hand & garden tools; 20 fishing poles, tackle boxes.

**HOUSEHOLD & ANTIQUES**  
**Household:** Frigidaire chest deep freezer; 42in. flat screen TV; dining table & 4 chairs; wood stuffed cowboy couch & 2 rockers; hide a bed couch; coffee & end tables; 2 double hutches; glass & corner hutches; buffets; 2 display cabinets; bookcases; filing cabinet; 2 entertainment centers; wood bar stools; 2 queen 4-piece bedroom sets; wardrobe; table & floor lamps; upright vac. cleaners; 25 afghans; 4 tiffany lamps; 2 10ft. yard wind mills; 250 cement yard ornaments, animals all kinds; **Antiques:** 2 cedar chests; parlor table; large jewelry cabinet & 30 other jewelry boxes; wood sewing machine; large collections of 200+ brass, glass, & other hand bells; 100+ dolls all kinds; Indian dolls; 50+ miniature kerosene lamps; 75+ kerosene lamps; 8 kerosene hanging lamps w/reflectors; animal & bird candy dishes; lady in waiting figurines; horse, animal & bird brass figurines; Elvis pictures & figurines; people, animal, bird, cowboy & Indian statues, pictures & figurines; painted horse & animal plates; etched, carnival, milk glass & Fenton glass; purple dep. set of 16 dishes; hen in nest dishes; Ruby Red & other vases; silver coffee pot; coffee grinders; toy tea sets; painted picture hand saws; 2 miniature kitchen stoves; metal lawn chairs; iron wheels; 2gal. Red Wing crock; Bud beer sign; other antiques; 2 full deer mounts; 3 deer horn mounts; longhorn & buffalo horns; tanned deer hide.

**AUCTIONEER'S NOTE:** Very large auction. Sharil collected antiques and collectibles for years and put together some very nice collections. Be sure to attend something for everyone. A lot of items not uncovered yet.

**TERMS:** Cash or Check. Not responsible for accidents.

**SHARIL (HEINA) HAVEL ESTATE**  
Terry Heina Representative, 785-223-1580

**AUCTIONEERS: NOVAK BROS. & GIEBER**  
Website: [www.nckn.com/novakbrosgieberauction/](http://www.nckn.com/novakbrosgieberauction/)  
Roger Novak Les Novak Butch Gieber Troy Novak  
785-527-1302 785-527-0711 785-527-0200 785-527-0359

# Grass & Grain Area Auctions and Sales

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

Hundreds of auctions, on-line and in-person. [www.kansasauctions.net/gg/](http://www.kansasauctions.net/gg/)  
**Thummel Auction Online Auction (Open Now, ends May 31) — 2017 Maytag washer & dryer, furniture, pictures, Native American pieces, quilts, glassware, clocks & more for John & Marilyn Zimmerman Trust held on-line at [www.thummelauction.com](http://www.thummelauction.com). Auctioneers: Thummel Real Estate & Auction, LLC.**

**June 1 — Retirement Auction consisting of Tractors & Combines, trucks, pickups & cars, livestock equipment, farm machinery, farm & irrigation equipment held near Ulysses for Larry & Virginia Kepley. Auctioneers: Higgs Auction Service, Steve Higgs.**

**June 1 — IH 560 D tractor, pull type box scraper, blade, mower, pickup carrier, chipper shredder, air compressor, tiller, drafting machine, 52-inch flat screen TV, lawn & garden and yard items, sound equipment, all kind of tools & more held at Osage City from Two Area sellers. Auctioneers: Wischropp Auctions.**

**June 1 — 2002 Chevrolet Silverado 2500 HD pickup, tandem axle trailer, zero turn mower, shop tools, household, collectibles, guns & cabinet held at Inman for Galen & Carol Jantz. Auctioneers: Morris Yoder Auction.**

**June 1 — 2000 Newmar Mountain Aire 40' motorhome, 1999 Tiffin Allegro Bus 36' motorhome, 2005 Jeep Liberty 4x4, Farmall 300 tractor, machinery, misc., shop, lawn & garden, household, antiques & more near at Abilene for Paul & Phyllis VanOvershelde. Auctioneers: Leppke Realty & Auction.**

**June 1 — MP Railroad items (cast iron 2 tracks signs, railroad track switch, shovels, picks, paper items & more), signs, pocket watches, jewelry, large collection of paper items inc. magazines, calendars, post cards, original hand colored Currier & Ives prints, antique wrenches, Cure Bottles, Edison records & so much more held at Belleville for Dean & Irma Brewer Family. Auctioneers: Thummel Real Estate & Auction, LLC.**

**June 1 — Real Estate auction consisting of Tract 1: 3BR, 1BA home on 23+ acres, steel frame building, shed/livestock building; Tract 2: 83+ acres of rolling hills pasture with pond held at Lyndon. Auctioneers: Crossroads Real Estate & Auction, LLC.**

**June 2 & June 3 — Two-day Estate auction: selling Friday: Furniture, appliances, tools, books, JD riding mower, exercise equip., traditional Christmas items, outdoor**

figurines & more; selling Saturday: Bethany College items, 150+ music boxes, Swedish items, Hull ceramics, antiques, clocks, silverware sets, coins, books, records, vintage Christmas, quilt & so much more held at Lindsborg. Auctioneers: Lazy J Auctions, Loren Meyer.

**June 3 — Guns inc.: Winchester 37A Long Tom shotgun, Marlin Westport rifle, Ruger Mark II 22 pistol & others, snowmobiles, car caddy, boat, zero turn mower, equipment, lawn & garden, fishing items & tools, furniture & miscellaneous held at Council Grove for Don & Judeen Bachura and The Late William Rice Sr. Auctioneers: Hallgren Real Estate & Auctions, LLC.**

**June 3 — Automobiles inc. 1994 Ram 3500 reg. cab, 1970 Dodge Coronet 500 convertible, 1968 Plymouth Sport Fury III convertible, 1974 Dart & many more collector cars, Lots of Tools, Machinery & miscellaneous held at Baileyville for Tom (Bones) Koch Estate, DBA as Bones Repair. Auctioneers: Wilhelm Auction Service.**

**June 3 — Estate Auction selling Tin Lizzy Isis Shrine car, snowblower, welder, lawn & shop items, hand tools, misc. plumbing & more held at Salina. Auctioneers: Wilson Realty & Auction.**

**June 3 — Selling 2 Guns, 2001 Chevy 2500 6.0L single cab, 4WD manual, only 68,890 miles, Honda Foreman 400, household, vintage, quilts, furniture & more held at the Farm Northeast of Melvern for Joann Arb & The Estate of Janelle Arb. Auctioneers: Wischropp Auctions.**

**June 3 — Guns, some vintage ammo, Collectibles & Antiques inc. carved Wooden Indian Chief and Corn Maiden by Ralph Gallagher, vintage furniture, stained glass windows, large Harvest table, vintage signs, crocks, old tools, 100 beer mugs, Star Wars collection & much more held at Strong City for a private collector. Auctioneers: Hancock Auction & Real Estate.**

**June 3 — Tools, Electrical & other supplies inc. lawn & garden, air compressors, tiller, sockets, wrenches, chisels, routers, saws, old roller washtub, wooden fold up chairs, 10x20 Hercules II canopy, iron bed & more held at Portis for Wayne Lytle. Auctioneers: Wolters Auction & Realty.**

**June 3 — Glassware, primitives, local & area advertising, paper items, many pottery pieces, Christmas items, Carnival, Milk glass, Pyrex, Fire King, Depression & more, Toby mug collection, glass shoe collection, costume jewelry, oil lamps & much more held at Belleville for Chester & Mildred Russell Family. Auctioneers: Thummel Real Estate & Auction, LLC.**

**June 3 — Retirement Liquidation Auction of Freeman Plumbing & Heating held at Burlington. Auctioneers: Kurtz Realty & Auction Service, Darwin**

Kurtz.

**June 3 — Large Coin Auction including hundreds of coins (Franklin half dollars, Walking Liberty half dollars, Eisenhower dollars, Nickels, Pennies, Kennedy halves, Carson City Morgans, Silver proof sets, mint sets, Indian Head pennies, silver certificates & more), stamps, stamp books, pocket watches & more held at Rossville. Auctioneers: Morgan Riat Auctions with Foundation Realty.**

**June 3 — Public auction consisting of 1952 Chevrolet Deluxe 4-door sedan Collector Car, GMC Yukon, skid steer, MAC & Snap-On tools, wood-working tools, gas engine, model airplanes, collectibles, household & much more held at Winchester for Steve Willey. Auctioneers: Elston Auctions.**

**June 4 — Gun auction including Hand Guns (Smith & Wesson, Stoeger, Ruger & more), Rifles (Winchester, Weatherby, Remington & more), Shotguns, Ammo, bullets & more held at Belleville for Ronald E. Ball Estate. Auctioneers: Thummel Real Estate & Auction, LLC.**

**June 6 (Tuesday) — Live & Online Unreserved Land Auction consisting of 557.71 acres m/l of Reno County Farmland inc. T1: 29.57 ac. m/l prime cropland or development property; T2: 144.18 ac. m/l include farmstead, prime cropland, development property; T3: 105.76 ac. m/l prime cropland, development; T4: 130.43 ac. m/l with prime cropland, 12.07 ac. m/l pond; T5: 147.77 ac. m/l prime cropland held live at South Hutchinson for Hal E. Judy Estate, Martha H. Judy Trust, Stacy E. Judy Trust, City of Hutchinson. Online bidding at [www.bigiron.com](http://www.bigiron.com) (online bidding ends June 6, 11 am CDT). Auctioneers: Big Iron Realty, Mike Campbell, listing agent.**

**June 6 (Tuesday evening) — Real Estate Auction consisting of 148.22 acres Lyon County Farm with a mix of cropland, native hay meadow held at Emporia for Coldsmith Family Revocable Trust. Auctioneers: Hancock Auction & Real Estate.**

**June 7 (Wednesday) — Wichita County Real Estate auction consisting of T1: 161.23 ac. dryland cropland with 80.62 ac. m/l growing wheat, 80.62 ac. m/l to be planted to milo; T2: 155.41 ac. dryland cropland with 77.71 ac. m/l of growing wheat, 77.71 ac. m/l summer fallow selling for Otto Harp Rev. Trust & Emogene Harp Ir Rev. Trust. T3: 152.6 ac. dryland cropland, with 76.30 ac. m/l summer fallow, 76.30 ac. m/l planted to corn; T4: 78.36 acres dryland cropland, with 78.36 ac. m/l of growing wheat selling for Walter Wood Farms, LLC. Held live at the east edge of Leoti with phone bidding available. Broker**

& Auctioneer: Lawrence & Assoc. Realty, broker, Russell Berning, auctioneer/agent.

**June 8 — Antiques, household goods & miscellaneous held at Clay Center for Donna Karmann. Auctioneers: Kretz Auction Service.**

**June 10 — Antique & modern furniture, Antiques & collectibles inc.: porcelain dolls, collection brass figurines, child's wooden rocking horse & more, JD 3038 tractor w/ loader, zero-turn & riding mowers, JD Gator, Polaris Ranger, large selection of glassware, handpainted plates, crocks & more PLUS fully equipped shop with tools of all kinds held at Emporia for Dick & Shirley Poff. Auctioneers: Wischropp Auctions.**

**June 10 — Trailers inc. Chevy PU bed trailer, tilt bed trailer, shop tools & miscellaneous, lawn & garden items including mowers, snow blower, power washer, ladders, golf clubs, metal detectors & more, household & collectibles inc. appliances, furniture, glassware, child's rocker collection, Camaro pedal car, model cars & toys, guitars & flutes & more held at Nickerson for Gary & Vera Graber. Auctioneers: Morris Yoder Auctions.**

**June 10 — Live On-Site Consignment auction consisting of 75-100 Tractors (JD, Case, IH, Int., NH, Ford, Kubota, MF, McCormick, White, Agco Allis Chalmers & others), Loaders, Combines, headers, Harvest (Stelzer retirement), platforms, draper, Grain Carts, Grain Handling, Construction (excavators, skid steers, backhoes, loaders, dozers), Planters, Drills, Seed Tenders, Manure Spreaders, Applicators, Forage & Feeding Equip., Hay Equip. (balers, mowers, tedders, rakes), 3 pt. Equip., brush cutters, finish mower, Cattle Equip., Disks, Vertical Tillage, Field Cultivators, Vehicles, ATVs, Lawn Mowers, Grain Trucks, Trailers, UTV, Boat, Motorcycle, Skid Loader Attach & more held live at Gallatin, Missouri with online bidding available: EquipmentFacts.com. Auctioneers: B&S Equipment & Sales, Shay Esbeck, Justin Harlow.**

**June 10 — Personal property (collectibles, jon boat, antiques & collectibles) & vehicle auction held at Marysville for Crownover and C&C Auto Sales. Auctioneers: Olmsted & Sandstrom.**

**June 10 — Antiques, household goods & miscellaneous held at Clay Center for Donna Karmann. Auctioneers: Kretz Auction Service.**

**June 10 — Vehicles, campers, ATV, trailers, boats, tractors, machinery, lawn mowers, tools, household & antiques, 100+ dolls of all kinds, 200+ brass, glass & other hand bells, held North of Cuba for Sharil (Heina) Havel Estate. Auctioneers: Novak Bros. & Gieber.**

**June 10 — Zero turn mower, equipment, tools, collectibles & miscellaneous held at Linwood for Dave & Julie Downes.**

Auctioneers: Elston Auctions.

**June 10 — Bar V Wagyu, Abilene, selling 75 lots of 40 bulls-fullblood, polled and Homo polled, 35 females including heifers, bred heifers, cows and cow/calf pairs. Selling Semen to BAR V POLL 5U BOND 13K, BAR V TYDDEWI SUZITO 44K, and BAR V POLL UNIT-ED 36K. No reserves, all lots will sell!**

**June 11 — Approximately 105 guns, assorted ammunition, misc. accessories from gun store inventory held at Salina for Vertie Bolyard Estate. Auctioneers: Wilson Realty & Auction Service.**

**June 15 — Real Estate Auction consisting of a 3BR, 2BA Ranch home with oversized 2-car garage that sits on 5.9 acres of fenced land with brome grass. Property has 2 large buildings, one with a half bath & heat, the other has 4 garage doors & is good for storage of machinery/autos held live at New Cambria with online bidding available at [apwrealtors.hibid.com](http://apwrealtors.hibid.com). Auction conducted by Mark Baxa, realtor/auctioneer (Coldwell Banker APW Realtors).**

**June 17 — Furniture, Antiques & household goods, shop items & more held at Leonardville for Betty Peters Estate. Auctioneers: Kretz Auction Service.**

**June 17 — Real Estate & Personal Property auction consisting of a 3BR, 2BA main floor home with a full basement on a 1.6-acre lot held onsite at Wamego. Also selling personal property inc.: 2007 Mercury Grand Marquis car, Ford 8N tractor, implements, tools, garden & outdoor items, collectibles, household, furniture & more. Auctioneers: Crossroads Real Estate & Auction, LLC.**

**June 17 — Liquidation/Retirement auction for a cabinet making shop held at Lawrence for Robert Day, "Bob's Custom Cabinets". Auctioneers: Elston Auctions.**

**June 20 — Shawnee County Land Auction consisting of T1: 27 ac. m/l with pond; T2: 2.86 ac. m/l; T3: 3.86 ac. m/l; T4: Tracts 1-3 combined held at Topeka. Auctioneers: Crossroads Real Estate & Auction, LLC.**

**June 22 — Real Estate Auction consisting of a 3BR, 1BA home sitting on a double lot, 2 car garage and a 24x18 workshop/shed & more held at Westmoreland. Auctioneers: Crossroads Real Estate & Auction, LLC.**

**June 23 — Friday evening public auction held at Lawrence. Auctioneers: Elston Auctions.**

**June 24 — Tractors inc. 7045 Allis Chalmers, Farm Equipment, shop items, mowers, 4-wheelers, gun, household, vehicles inc. Chrysler Concorde, 1998 Chevy Cheyenne, 1972 Chevy Custom, dump truck, grain truck & more held at Williamsburg for Chester Fredricks Estate. Auctioneers: Altic Auction Service, Brady Altic & Lester Edgecomb.**

**June 24 & June 25 — Selling June 24: Tools, shop equipment, truck &**

outdoor items; June 25: Real Estate consisting of 4BR, 1 BA home, 2 great outbuildings sitting on a nice country-sized lot; also selling household items held at Louisville for Jim & Teresa Kelsey. Auctioneers: Crossroads Real Estate & Auction, LLC.

**June 24 — Sellmeyer Farms Huge farm equipment liquidation auction including tractors, balers, mowers, loaders, planters, plows, rakes, grain bins, antiques & collectibles, household, lumber, fencing, tools, stock trailer, vintage cars & trucks, metal salvage & so much more held at Afton, Oklahoma. Auctioneers: BA Rigby Auctions.**

**July 8 — Tractors inc. 1953 John Deere R tractor, Ford 300 utility tractor, Ford 1210 compact tractor, 1937 John Deere D & 1947 John Deere A parts tractors), equipment, tools, firearms, vintage furniture, collectibles, household & misc. held at Lecompton for Mrs. "Lloyd" Carolyn Wulfkuhle. Auctioneers: Elston Auctions.**

## Sen. Moran introduces legislation to invest in rural communities

U.S. senators Jerry Moran (R-Kan.), Roger Wicker (R-Miss.), Mark Warner (D-Va.) and Mike Braun (R-Ind.) introduced the Rural Jobs Act, legislation to build on the success of the New Market Tax Credit (NMTC) by bringing hundreds of millions of dollars in private investment to some of the most disadvantaged rural communities in America.

"The New Market Tax Credit has produced meaningful results for underserved areas, resulting in thousands of jobs created and generating new investments," said Moran. "It's time the credit is put to work for rural Americans. Rural Job Zones will cover the vast majority of rural states like Kansas, giving thousands of small towns the same opportunities as larger cities."

The NMTC provides a modest tax incentive to private investors to invest in low-income communities. The programs' projects have spurred more than \$42 billion in private investment and generated more than one million jobs since 2000, but less than one in four NMTC jobs have been created in rural communities.

The Rural Jobs Act would designate \$500 million in NMTC investments for "Rural Job Zones." These zones are low-income communities that have a population smaller than 50,000 inhabitants and are not adjacent to an urban area. Under the new definition, Rural Job Zones would be established in 342 out of the 435 congressional districts across the country.

The bill would also require that at least 25 percent of this new investment activity be devoted to counties with persistently high rates of poverty and migration. There are approximately 400 counties in the United States facing persistent poverty.

## AUCTION

**SATURDAY, JUNE 10, 2023 — 10:00 AM**  
 Located at 1634 Rd. M5, EMPORIA, KANSAS

Windsor rocker; vintage dresser & wash stand; 3 small antique tables; ornate entry table; lawyer's 4-stank bookcase; 3 vintage mantle clocks; several porcelain dolls; 2 Geo. Strait full size cutouts; vintage wood-burning stove; leather sofa/recliner; plush & leather recliners; living room suite, tan plush; large collection brass figurines; child's wooden rocking horse; modern oak china hutch; antique tobacco jar; JD 3038 D tractor, FWA, Rops w/D160 loader, 272 hrs.; Husqvarna RZ 5424 zero-turn; Cub Cadet Series 1010 riding mower;

Frontier RC 2060 rotary mower; Frontier RB 2072 blade; 2005 JD Gator 4x4, 230 hrs.; 2016 Polaris Ranger 570 4x4, 131 hrs.; Saddle Inc., Western saddle, new; Puma upright 6 1/2hp air comp.; Lincoln Weld Pak; acetylene set on cart; floor drill press, 16 spd.; 2 floor jacks; 12 jack stands.

**LARGE SELECTION:** cut glass, cake plates, handpainted plates, candy dishes, crocks, baskets, pitchers, thimbles, etc. PLUS: Fully equipped shop, ext. cords, tool boxes, levels, hand & air tools, L&G tools, chains, binders, bits, etc.

**NOTE: Large Auction with TWO RINGS. MOST IN GOOD Cond. CASH or CHECK. Sorry, NO CARDS.**

**DICK & SHIRLEY POFF, SELLERS**

Pics & Info: [www.wischroppauctions.com](http://www.wischroppauctions.com)  
**WISCHROPP AUCTIONS \* 785-828-4212**

## SHAWNEE COUNTY LAND AUCTION

**TUESDAY, JUNE 20, 2023 \* 6:30 PM**

AUCTION LOCATION: 4525 NW Button Rd., TOPEKA, KANSAS (Pleasant Hill UMC)

**DESCRIPTION:**  
 \*\*\*All three tracts set just north of Seaman High School on NW Rochester Rd. These types of tracts in this location do not come along very often!!!!\*\*  
**TRACT 1:** 27+/- acres w/pond  
**TRACT 2:** 2.86+/- acres  
**TRACT 3:** 3.86+/- acres  
**TRACT 4:** Tract 1, 2 & 3 combined

**REAL ESTATE TERMS:** Property sells AS-IS, WHERE IS. 10% non-refundable down payment is required on the day of sale by check. Buyer must be able to close on or before July 20, 2023. Buyer needs a bank letter of loan approval or funds verification. Cost of Owner's Title Policy to be split equally between Buyer and Seller. Buyers are responsible for understanding all zoning, building & other regulations associated with the property prior to the day of auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

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

ANDREW SYLVESTER, Co-Listing Agent/Auctioneer, 785-456-4352

BILL DUBBERGER, Co-Listing Agent/Associate Broker, 620-921-5642

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



**SCAN ME**

## \*AUCTION\*

**SATURDAY, JUNE 10, 2023 — 10:00 AM**  
 LOCATED: 1107 Pony Express Hwy, across from Valley View Supply, East Hwy. 36, MARYSVILLE, KANSAS

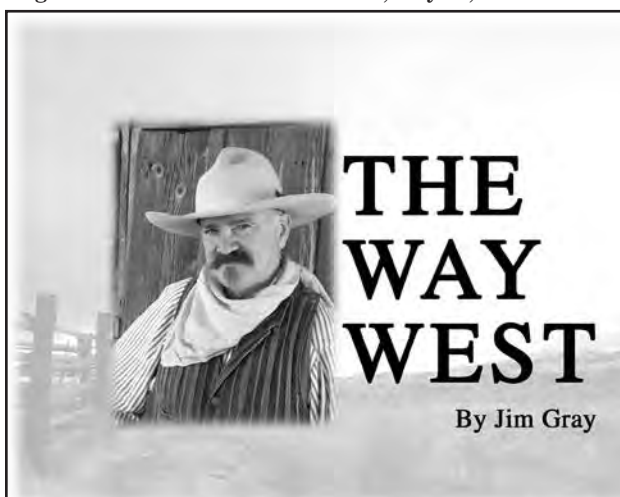
**COLLECTIBLES, JON BOAT, VEHICLES**

3 wood benches; game table; Harvest table; corner computer table; office chairs; kitchen items; New under cabinet instant hot water unit; modern water cooler; modern Victrola style CD player; Robotic vacuum; pictures; modern red wagon; 12' Lowline Alum. Jon Boat w/oars; Roadmaster bike; tool box; 55 gal. self-contained 4-wheel sprayer; **Antique & Collectible:** Kitchen cupboard cabinet; cobbler bench & picture; 5' Church pew; curved bench; mirrored hall tree; hump backed trunk; burled washstand; sm. C-roll desk; sm. drop front secretary; parlor stand; 2 drawer spool cabinet; GE console radio; modern 8' Oak glass display; pine buffet; wood stools; narrow 8' open front cabinet; doll house backdrops & props; doll metal table & chairs; puppet show display; Bentwood chair; easels; Pony Express Museum, Indian Teepee & Clown pictures; 10'6"x7'8" area rug; wicker baby scale; bird cages; donation jar; rocking elephant; modern Fire Chief pedal car; child's pull dump truck; child's Stutz Bear Cat plastic car; plastic lunch boxes; sled; tiny anvil; sm. scale; ammo box; cast pail; buck saw; **Cox Saddlery Cawker City Saddle;** small reproduction Crescent cookstove; metal turkey; Isis & Hilltop advertisement; G1 Joe Jeep & trailer; 2 long painted "Antique" signs; **Vehicles Sell at 11 AM:** 2005 Chevy Trailblazer 4x4, 210,822 miles; 2014 Mini Cooper Countryman, 4 cyl, 67,609 mi., new tires; 2006 Lincoln Navigator, 4WD, V8, 210,050 mi.; 2003 Dodge Ram 4-door, 4WD pickup, 179,000 mi. **Other numerous items. For Pictures See Website!**

**CROWNOVER AND C&C AUTO SALES**  
 Jim Cohorst: 562-8164 Andrew Crownover: 713-0526

**AUCTIONEERS [www.olmstedrealestate.com](http://www.olmstedrealestate.com)**  
 Tom Olmsted Rob Olmsted Jeff Sandstrom  
 785-562-6767 785-353-2210 785-562-3788

TERMS: Cash sale day. Statements sale day take precedence. Sellers & Auctioneers not responsible for accident or theft.



## Peace on the Plains

Fort Leavenworth was established in 1827 in response to an 1824 citizen's petition to Congress asking for military protection for traders operating along the Santa Fe Trail. The 1827 establishment of Cantonment Leavenworth developed into an important post relating to Indian affairs. The Upper Missouri Indian Agency was located at Fort Leavenworth with U.S. Indian Agent Major John Dougherty administering Indian Department policy to the tribes living in the expansive watershed above the confluence of the Kansas River with the Missouri River.

In December of 1834 Dougherty proposed a plan to separate Indian

Territory from white settlement. A line of military posts, Forts Snelling, Crawford, Leavenworth, and Gibson, connected by a military road were established on the eastern border of what would become known as the "Permanent Indian Frontier." Thus, there would be peace on the plains and the Indian nations would be protected from encroachment by white settlers.

In that context Colonel Henry Dodge led an expedition accompanied by Major Dougherty into Indian country along the Platte River. One hundred twenty-five U.S. Dragoons and their officers were to march as far west as the Rocky Mountains. Captain John Gantt, an Indian trad-

er well-acquainted with Indian country, served as guide and interpreter.

The expedition left Fort Leavenworth May 29, 1835, traveling in a northwesterly direction over high rolling prairie "with frequent ravines skirted with timber." From Fort Leavenworth to the Big Nemaha River, fifty-seven miles to the northeast, the land was the domain of the Kickapoo nation. The expedition reached the Big Nemaha (present-day southeast Nebraska) the late afternoon of June 1st. The river was described as about 200 to 300 yards wide, deep and muddy with a rapid current. High banks and a high stage of water forced the company to encamp to organize a delayed crossing.

By June 3rd they had fashioned a small boat made from beef hides which was used to carry the baggage over the swollen river. A small wagon box contributed by Captain Duncan was used to ferry goods across. The task was accomplished without loss of horses or damage to the baggage.

They were now on the Otto reservation. The next day they found the Little Nemaha also "swimming," requiring another two-day delay. The stream was crossed on June 6th.

They found "a beautiful and fertile country, diversified with all the accidents of wood and plain, creeks and ravines." A large herd of elk was seen but too far away to shoot them. All through the day the expedition was within view of the high banks of the Missouri River to the east.

Continuing over broken and hilly ground their march slowed, making only thirty miles by June 9th. The Otto chiefs came from their village seven to eight miles distant to meet the Dragoons as they approached. Jutan, the principal chief was about fifty years of age, "tall, well made, with a fine and intelligent cast of countenance."

The following day as the dragoons advanced toward the village the Ottos rode out to meet them, "dressed in their gayest costume." Reading the official journal for the expedition leaves the reader with a sense of being there, the scenes playing out before the reader's eyes. The Otto horsemen formed in a line and met the expedition at a full gallop. "They appeared rejoiced at our arrival, and manifested their joy by galloping around us, and shaking every one by the hand they met."

Colonel Dodge and Major Dougherty held council with the Ottos on June 11th, telling them that the great father in Washington wanted them to be happy and to be at peace with their neighbors. Jutan replied that they were preparing a large field of corn and planned to raise cattle rather than depend on buffalo and other game. Dougherty distributed presents of blankets, knives, tobacco and other items that appeared to please them. In appreciation they performed a "war dance," for the Colonel.

Colonel Dodge's journal was authored by his adjutant Lt. Gaines P. Kingsbury. Kingsbury was in an obviously poetic mood, "The Otto village is situated on a high prairie ridge, about two miles from the river, and overlooks the surrounding county for many miles. In front lay the green level valley of the Platte. The broad river running through the middle, and the valley terminated on the opposite side by hills covered with groves of timber. In rear nothing could be seen but an extension of the vast prairie until its smooth, undulating surface became almost blended with the distant horizon. To the right and left the river

could be seen for many miles wending its course along through the valley, its broad shining surface here and there darkened by island groves of timber, the whole element combined forming the most beautiful landscape I had ever seen."

The expedition resumed its march with Dodge and Dougherty continuing to "treat" the Omahas and Pawnees with similar results. Due to prior commitments in Missouri Major John Dougherty left the expedition following the councils with the four sub-tribes of Pawnee.

Kingsbury's descriptions of the landscapes encountered on the expedition are indeed glorious. 1835 was a time to be hopeful that relations with the tribes that populated the plains would be peaceful and rewarding for everyone involved. The Rocky Mountains were yet several weeks away. We are fortunate to have Lt. Kingsbury's account bearing witness to a time and culture that in a few short decades would be lost on The Way West.

(Next Time - Quest for Peace)

"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).

# Farmers & Ranchers

## AUCTIONS EVERY MONDAY & THURSDAY

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

**TOTAL FOR THE WEEK: CATTLE - 2,728; HOGS - 115**

**BULLS: \$135.50-\$145.00** 4 blk Bennington 195@550.00  
**COWS: \$107.50-\$118.50** 3 mix Minneapolis 198@525.00  
1 blk Marquette 130@410.00

### STEERS

1 Red Bennington 105@310.00  
1 blk Salina 65@175.00  
300-400 \$265.00 - \$277.50  
400-500 \$260.00 - \$272.00  
500-600 \$260.00 - \$272.00  
600-700 \$238.00 - \$249.00  
700-800 \$215.00 - \$225.00  
800-900 \$205.00 - \$214.00  
900-1,000 \$195.00 - \$205.50

### HEIFERS

1 blk Abilene 2145@145.00  
1 blk Lindsborg 2085@144.50  
1 blk Ellsworth 1695@144.50  
1 Red White City 2410@142.00  
1 blk Assaria 2330@141.50  
1 Char Minneapolis 1990@140.50  
1 Red Salina 2370@140.00  
1 blk Tescott 1900@139.50  
1 blk Miltonvale 1995@138.50  
1 Wf Windom 1820@137.50  
1 blk Glasco 2120@136.50  
1 blk Hope 2495@132.00  
1 blk Miltonvale 1965@132.00  
1 blk Hope 2330@130.00  
1 blk Salina 1660@129.00  
1 Wf Enterprise 1810@124.00  
1 Red Waldo 1560@121.50

### MONDAY, MAY 22, 2023

#### HOGS

2 Fats Tescott 285@88.00  
6 Fats Newton 279@82.00  
10 Fats Tescott 282@82.00  
10 Fats Abilene 292@79.00  
2 Sows St. John 405@20.00  
8 Sows St. John 459@13.00  
10 Sows St. John 517@8.00  
6 Sows Newton 507@7.00

#### CALVES

7 mix Minneapolis 271@660.00  
4 blk Bennington 240@650.00  
3 blk Mayetta 242@650.00  
1 blk Barnard 265@625.00  
3 mix Minneapolis 190@610.00  
3 mix Minneapolis 222@610.00  
5 blk Hoxie 234@585.00  
1 blk Hoxie 220@560.00

### BULLS

1 blk Abilene 2145@145.00  
1 blk Lindsborg 2085@144.50  
1 blk Ellsworth 1695@144.50  
1 Red White City 2410@142.00  
1 blk Assaria 2330@141.50  
1 Char Minneapolis 1990@140.50  
1 Red Salina 2370@140.00  
1 blk Tescott 1900@139.50  
1 blk Miltonvale 1995@138.50  
1 Wf Windom 1820@137.50  
1 blk Glasco 2120@136.50  
1 blk Hope 2495@132.00  
1 blk Miltonvale 1965@132.00  
1 blk Hope 2330@130.00  
1 blk Salina 1660@129.00  
1 Wf Enterprise 1810@124.00  
1 Red Waldo 1560@121.50

### COWS

1 Red Smolan 1585@118.50  
2 mix Gypsum 1335@114.50  
1 blk Lehigh 1560@114.00  
1 Bwf Inman 1615@114.00  
1 blk Salina 1390@113.50  
1 blk Tescott 1665@113.00  
1 Wf Ellsworth 1370@113.00  
1 blk Longford 1650@112.00  
1 blk Tescott 1420@112.00  
2 mix Hoxie 1395@111.50  
3 blk Miltonvale 1370@111.00  
1 blk Gypsum 1380@111.00  
2 blk Marquette 1287@110.00  
5 blk Marquette 1415@110.00

# 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.fandrillive.com](http://www.fandrillive.com)

## CATTLE USA.com LIVE CATTLE AUCTIONS

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

1 Red Belleville 1315@110.00	3 blk Minneapolis 652@243.00
5 blk Salina 1473@110.00	8 blk Moundridge 621@238.50
1 blk Gypsum 1720@109.00	18 blk Abilene 752@225.00
2 mix Smolan 1243@109.00	12 mix Waldo 733@225.00
2 blk Tescott 1413@109.00	3 mix Salina 712@214.00
3 Red Wakefield 1487@109.00	59 blk Enterprise 817@214.00
1 blk Hoxie 1415@108.50	32 mix Abilene 822@212.00
1 blk Gypsum 1780@108.50	54 mix Moundridge 803@210.00
9 blk Beloit 1523@108.00	61 mix Abilene 900@205.50
1 blk Gypsum 1670@107.50	
5 Red Partridge 1636@107.00	
1 Red Kanopo.is 1340@107.00	
1 blk Beloit 1400@107.00	
1 Red Abilene 1440@107.00	
2 blk Beloit 1360@107.00	
1 Red Gypsum 1255@106.50	
4 Red Partridge 1540@105.50	
2 blk Gypsum 1550@105.00	
1 blk Solomon 1670@105.00	

### THURSDAY, MAY 25, 2023

#### STEERS

6 blk Abilene 338@277.50	5 mix Solomon 570@232.00
11 mix Hope 405@272.00	19 Red Salina 613@230.00
4 mix Gypsum 555@272.00	9 mix Barnard 629@221.50
2 mix Tescott 473@270.00	5 blk Longford 637@218.00
6 blk Tampa 423@270.00	12 mix Salina 644@216.00
2 mix Delphos 420@270.00	3 blk McPherson 630@215.00
4 mix Barnard 531@270.00	52 mix Tampa 640@210.00
23 Bwf Longford 557@268.50	46 mix Salina 697@206.50
4 blk Abilene 450@265.00	6 blk Whitewater 668@200.00
3 blk Longford 567@265.00	7 mix Waldo 804@189.00
7 blk Hope 489@264.00	6 Wf Falun 806@187.00
7 blk Assaria 522@253.00	41 mix Whitewater 786@186.85
6 blk Longford 628@249.00	58 mix Assaria 831@186.00
7 blk Tampa 549@248.00	7 Char Longford 751@182.00
2 blk Clyde 625@247.00	57 mix Whitewater 878@182.00

#### HEIFERS

3 blk Assaria 360@280.00
5 blk Assaria 509@260.00
3 mix Wilsey 527@251.00
11 blk Abilene 395@247.50
2 blk Topeka 495@247.50
3 blk McPherson 448@246.00
82 blk Salina 578@245.00
26 mix Longford 532@244.50
4 blk Tampa 520@242.00
5 blk Longford 532@239.00
8 blk Abilene 523@238.00
5 mix Solomon 570@232.00
19 Red Salina 613@230.00
9 mix Barnard 629@221.50
5 blk Longford 637@218.00
12 mix Salina 644@216.00
3 blk McPherson 630@215.00
52 mix Tampa 640@210.00
46 mix Salina 697@206.50
6 blk Whitewater 668@200.00
7 mix Waldo 804@189.00
6 Wf Falun 806@187.00
41 mix Whitewater 786@186.85
58 mix Assaria 831@186.00
7 Char Longford 751@182.00
57 mix Whitewater 878@182.00

## Early Consignments For MONDAY, JUNE 5, 2023

\* 30 heifer pairs, black white face calves, 3 angus bulls, 2.5 years old, home raised, semen & trich checked.  
**PLUS MORE BY SALE TIME.**

## Bar-V Wagyu Production Sale

**June 10, 2023.**

**More Information coming soon.**

For Information or estimates, contact:

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

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

Jim Crowther  
785-254-7385  
Roxbury, KS

Lisa Long  
620-553-2351  
Ellsworth, KS

Cody Schafer  
620-381-1050  
Durham, KS

Kenny Briscoe  
785-658-7386  
Lincoln, KS

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

Austin Rathbun  
785-531-0042  
Ellsworth, KS

