



Livestock's impact on climate topic of Gardiner Lecture

By Lucas Shivers

Sharing hot ideas on livestock's role in climate change, Frank Mitloehner presented at McCain Auditorium at Kansas State University campus in Manhattan on Oct. 11, focusing on "Rethinking Methane: Animal Agriculture's Path to Climate Neutrality."

"I focus on overall climate neutrality," said Mitloehner, an air quality Extension specialist from the University of California, Davis. "This topic is hot. It's sizzling around the world. Places all around the world are paying attention."

Lecture

The 2021 Henry C. Gardiner Global Food Systems Lecture, the ninth in the series, featured Mitloehner to provide science-based education about our global food system.

"The series allows university students, faculty, staff and Kansas citizens to interact with U.S. and international food industry leaders," said Ernie Minton, dean of the College of Agriculture and Director of K-State Research and Extension.

K-State and Gardiner Angus Ranch initiated the lecture in 2015. The opportunity helps sustain a complex agricultural infrastructure.

"Only about 1% of Americans are directly involved in agriculture, but there are countless roles for everyone. The future of our food systems is important to all of us," said Minton. "This lecture ensures our future is safe, nutritious and plentiful."

Solutions

Representing the family, Mark Gardiner said it's fun to see people back in McCain and KSU to solve big problems.

"We love the limestone buildings of this place, but it's the people from day one that can address the challenges," Gardiner



Frank Mitloehner presented the 2021 Henry C. Gardiner Global Food Systems Lecture on October 11 at McCain Auditorium on the campus of Kansas State University. His topic was "Rethinking Methane: Animal Agriculture's Path to Climate Neutrality."

said. "Think of those who preceded us to make this university possible to educate the people."

Acknowledging the stress around the topic, Gardiner shared upfront the need to be open and ready to learn.

"It's okay to have discussions and even disagree," he said. "We need to look at the opportunities before us in American agriculture."

Gardiner shared a popular saying from Henry, the namesake for the series: "We can't fix the windmill, because we're too busy hauling water."

"The facts are friendly, and we can together solve the real challenges," Gardiner said. "We will leave this place even better than we found it."

Strong Credentials

KSU president Richard Myers said that Mitloehner spent two decades studying air quality and livestock.

"He's dedicated his career to greenhouse gas and quality connected to livestock emissions," Myers said. "We're pleased to have him with us."

As a professor and Extension specialist, Davis, Mitloehner works on these issues and helps the pub-

lic better understand the role of agriculture in nourishing our world, while also focusing attention on cleaner air and a healthy climate.

He also directs the Clarity and Leadership for Environmental Awareness and Research (CLEAR) Center at UC Davis.

Methane

With several visuals and stories, Mitloehner presented data around climate projections towards the future.

"People often compare foods based on climate impact, but it's hard to get a global comparison," Mitloehner said. "We can't merge 200 countries around the world into one simple chart. That's a problem. It'd be like asking: 'What are the emissions of a car?' without knowing enough specifics. We have to ask more questions."

As a sustainability expert who has spent nearly two decades studying the relationship between the livestock industry and air quality, Mitloehner shared about the umbrella of greenhouse gases that retain heat.

"The greenhouse gas that matters the most by far is methane," Mitloeh-

ner said. "We have to get the discussion about methane correctly to get a policy to not misinform us in major ways."

As multiple studies show, the problem is humans are now producing too many gases.

"The blanket around the atmosphere is too thick," he said. "It's a big deal."

The global warming potential shows methane being "the fast and furious gas."

"Methane must be accounted for in the atmosphere; not just by measuring just the sources, but also the sinks, which is the atmospheric removal of methane. Oxford has studies that now confirm this with new units and matrices. The old one is not fit for the purpose."

Carbon dioxide or CO2 is a stock gas, and methane is often treated the same way.

"We know that is not true. Methane is not a stock gas. It's a flow gas."

Budget

"There's a budget for methane," Mitloehner said. "There are not just sources that produce methane but also sinks for methane to be broken down. Of course, we

have to consider it all as a full cycle. At the bank for example, you have to talk about incomes and expenses. We have to be real."

Methane is produced and destroyed as a short-lived climate pollutant.

"For methane, there are lifespans," Mitloehner said. "It's quite different from fossil fuels that have been stored underground for a long time, fossilized from ancient sources. We extracted it and burned it. Every time the sun hits those molecules, we heat up."

To stop burning fossil fuels is a key, and looking at methane reductions are also critical.

"We can't compare cows versus cars," Mitloehner said. "One is a short-term cycle and the other is a one-way street to desolation."

Tub Analogy

Imagine two bath tubs, one filled with CO2 and one with methane.

"The carbon dioxide example is like a tub with a faucet with no drain," Mitloehner said. "The levels always go up. With a methane bathtub having both a faucet and an always-open drain, the levels stay stable and the same as an equal amount is drained."

"We hope to turn the faucet down for methane, and the drain stays fully open," Mitloehner said. "We can have negative warming; which is cooling. We in agriculture are a signature source; and we can induce negative warming. Other sectors can't do that; but we in agriculture can. It's a real opportunity."

He compared the developing and emerging world with warming, stable or cooling trends.

"We can pull carbon and methane out of the air," Mitloehner said. "A strong reduction of methane is needed to counter-react to the other warm-

ing gasses. It can help get us to a point where we can reach climate neutrality. We can provide solutions to help offset others."

Mitloehner predicted farmers would sell their climate credits in the future.

"We can view methane as not a liability but an opportunity. We will be able to suck the methane out of the air."

Outlining the 2050 challenge, Mitloehner said we have to plan for the human population to grow to over nine billion.

"That's a triple population growth in my lifetime and we're also getting older. We will not have three times the resources; so we have to be more efficient or we will have big problems. It's a ticking time bomb."

Sidebar:

Understanding the impact of livestock emissions on the climate is more complex than is often understood, Mitloehner said.

"You frequently see global averages being quoted, but a global average really doesn't tell you anything," he said. "A steer in the U.S. is totally different compared to a steer in Ethiopia or Australia and other places."

Once livestock emissions and mitigation processes are better understood, Mitloehner said the world can move closer to turning what can be viewed as a liability into an asset.

"When you reduce a gas like methane, for example, something really beautiful happens," he said. "You can actually pull carbon out of the atmosphere, which can have a positive impact on our climate. Educating farmers and ranchers on how to reduce their impacts can reduce overall warming impacts and can lead to the opposite: a cooling effect."

Winners of Ranchland Trust Kansas photography contest announced

Winners have been announced for the tenth annual Ranchland Trust of Kansas (RTK) photography contest. Each summer, RTK invites amateur and professional photographers of all ages to submit photos that showcase the mission of RTK and Kansas' ranching heritage. The mission of RTK is "To preserve Kansas' ranching heritage and open spaces for future generations through the conservation of working landscapes."

Justine Henderson of Minneapolis was the grand prize winner in this year's contest. Her photo was taken in the hills near Saint George at the Lazy N Ranch during an evening



Justine Henderson captured the grand prize with this photo taken at the Lazy N Ranch near St. George.

of checking heifers.

"Brice leaned down to give my border collie some praise for her good work that evening," said Henderson. "I've always been a sucker for tender moments between animals and man, so I pulled out my camera right as he reached up to meet his hand."

Her passion for photography began in a branding pen on the ranch where she grew up, capturing the beauty and reality of the

western lifestyle.

"It feels wonderful to be chosen as the grand prize winner. I am honored that my photography can be the liaison between the agriculture community and the rest of the world, by telling its story through my lens," Henderson said.

The winning photographs will be used, with permission of the photographers, to promote Kansas' ranching heritage and open spaces.

Henderson said, "The fact that my photo has not only won grand prize, but also will be used to support the preservation of a lifestyle and community I hold dear to my heart is more than I could ever ask for!"

Rachel Sebastian of Tribune won the Fan Favorite category by receiving the most votes on RTK's Facebook page.

"I'm really honored to be included in a group of such talented photographers featured this year. RTK is a fantastic organization and resource for my family who has owned farm and ranchland in Marshall County since 1879, where my parents still run cattle today," Sebastian said.

Her winning photo was taken at Horace in Greeley County. The cowboy in the photo is Garth Bullis, who is a pen rider for Irsik and

Doll at Ingalls and also a cutting horse trainer. The horse, Metallic Juice "Juicy," belongs to Laine Jenlink.

"A lot of my photography falls into the genre of western and cowboy art. This composition was inspired by cowboy artists such as Joel Phillips, who is a good friend of mine, and Tim Cox. I set up the shot and then Juicy dropped her head at the perfect angle that made the reins loop into an interesting shape, and the shot just came together," she said.

All other category winners were chosen by a panel of judges. Winners in each category were: Landscape - Tony Ifland, Cedar; Livestock - Emma Miller, Emporia; People - Greg Kramos, Manhattan; Sunrise/sunset - Bruce Hogle, Leawood; KLA Member

- Marisa Betts, Dorrance; Youth - Emma Rohrbaugh, Caldwell; and Honorable Mentions - Crystal Socha, Augusta; and Jen Free, Randolph.

Limage is the sponsor of this year's the photography contest. The locally owned photo printing and picture framing store in Wichita has been in business over 25 years, specializing in their ready-to-hang plaque mount. They also offer image mounting, metal prints, laminating, canvas gallery wraps and traditional framing. They are in the business of making the artist or photographer look their best. Prizes are awarded to the top ten winning photographers. All winning entries can be viewed on RTK's Facebook page or website www.ranchlandtrustofkansas.org.



The winner in the fan favorite category was Rachel Sebastian.



The Business of Farming

By Greg Doering, Kansas Farm Bureau

My grandparents received exactly one paycheck per year, usually in mid-August when they took calves to market. I was probably five or six years old the first time I got to go to the sale and sit in the grandstand as the cattle were auctioned off in lots.

I don't remember much from the sale, other than the auctioneer's cadence was pleasing even if it didn't make much

sense to me. It was the conversation with my grandparents as we were leaving the parking lot that's stayed with me. It was a good year, and my grandmother said she'd picked up a nice check at the cashier's office.

Upon hearing the word check, the most obvious question spilled forth from my mouth. "How much was it?" I asked. My grandfather stared at the road while my grandmother flatly stated, "We don't talk about money."

End of conversation.

I accompanied my grandparents to lots of sales over the next several years, and the routine was always the same. We'd go to the auction, stop at a restaurant on the way home and, in the good years, I'd come home with a new pair of boots. True to my grandmother's word, we never talked about money.

Years of careful observation eventually allowed me to decipher the general workings of the business side, even if I lacked access to the actual accounting of dollars and cents. By the time I was a teenager, I generally understood the success of the ranch depended on a delicate balance of controlling expenses in down

years and setting something aside in the good ones.

This all has been running through my mind lately after seeing a consumer post on social media believing ranchers have it easy because their only outlays are minimal, just some mineral and vaccines. He believed grass was free.

A couple of questions popped into my mind when I saw that. One, where can one find this free grass? Two, how much does the average consumer know about the business side of agriculture? I know the answer to the first, and I suspect the answer to the second question would scare me.

One of the biggest misconceptions about the

business of agriculture is that corporations are taking over and displacing family farms. There's no doubt there are some large corporate farms, but the rise in corporations is driven primarily by family farms and ranches. These are still mom and pop operations choosing to incorporate for any number of reasons, from liability protection and enhanced management to transition and tax planning.

It's a recognition of what's always been true — agriculture is a business and those who grow our food are its leaders. We tend to gloss over those facts by calling farming and ranching a lifestyle. While it's undoubtedly true, it also obscures

some of the most difficult work those in agriculture do.

To grow a crop or raise livestock requires an extensive set of skills, ranging from finance and marketing to logistics and record-keeping. Even with managing what they can control, farmers and ranchers are still at the mercy of markets and Mother Nature. Those are tough partners, thankfully our food in the hands of business professionals.

"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.

EPA, Army announce regional roundtables on WOTUS

The U.S. Environmental Protection Agency (EPA) and U.S. Department of the Army (the agencies) has called on communities to propose roundtables to provide input on the regional implications of "waters of the United States" (WOTUS). The regional roundtables will engage stakeholders representing diverse perspectives in meaningful dialogue to help inform the agencies' work to develop an enduring definition of WOTUS that supports public health, environmental protection, agricultural activity, and economic growth.

"Crafting a lasting definition of WOTUS means that we must bolster our understanding of how different regions experience and protect our nation's vital waters," said EPA assistant administrator for water Radhika Fox. "These roundtables will provide a great opportunity to deepen our shared knowledge. They also represent one opportunity—in a suite of strategic tools—the agencies

are utilizing to obtain input on this important topic."

EPA and Army are announcing a process for stakeholders to submit nomination letters with a slate of participants to potentially be selected as one of ten geographically focused roundtables. EPA and Army are seeking to understand perspectives:

Highlighting how different regions are affected by the various WOTUS definitions.

Learning about stakeholder experiences, challenges, and opportunities under different regulatory regimes.

Facilitating engagement across diverse perspectives to inform the development of a durable and workable definition of WOTUS.

The agencies' experience implementing previous definitions of WOTUS has highlighted the regional variability of water resources and the importance of close engagement with stakeholders to better understand

their unique circumstances. The regional roundtables will provide opportunities to discuss geographic similarities and differences, particular water resources that are characteristic of or unique to each region, and site-specific feedback about implementation.

The agencies are inviting stakeholders to organize a targeted set of interested parties and regional representatives to participate in these discrete roundtables. Each nomination for a roundtable must include a proposed slate of participants representing perspectives of agriculture; conservation groups; developers; drinking water/wastewater management; environmental organizations; environmental justice communities; industry, and other key interests in that region. The agencies request that organizers submit their self-nomination letter via email not later than November 3, 2021.

For more information visit: www.epa.gov/wotus.

Mesonet weather program benefits Kansas farmers

By Shelby Varner, K-State Research and Extension news

Anyone who has ever lived in Kansas knows that the weather can change quickly, a fact that Chip Redmond thinks makes the Kansas Mesonet especially valuable in the state.

Redmond, a meteorologist and manager of the Kansas Mesonet, said the program is working to continue spreading its multiple resources across Kan-

sas for citizens. He noted that 75 Mesonet stations are collecting weather information in Kansas and providing it in real time to the public via the Kansas Mesonet website.

"The main focus of the Kansas Mesonet is to collect weather data and disseminate that information to people in a way they can easily use it," Redmond said.

Mesonet is a term that refers to a network of re-

gional weather stations. In Kansas, Redmond said one goal is to make sure no part of the state is underrepresented, especially due to the quick and varied weather within short distances.

"Our weather stations collect soil temperature, soil moisture, precipitation, temperature and humidity, pressure, wind speed and wind direction," Redmond said.

The weather stations

also collect data on freeze monitoring and crop thresholds of temperature. If farmers are concerned about wheat injury, they are able to identify, "how long we were below those thresholds at which locations," according to Redmond.

Soil temperature is another important consideration for farmers when they are deciding when to plant their wheat. "You can view weekly averages, daily maximums and

minimums, and look at the statewide soil temperature variance in real-time at (depths of) two inches and four inches," Redmond said.

The weather stations also collect information on soil radiation which he said, "is a key for agriculture and is needed by irrigators to calculate evapo-transpiration."

Redmond believes that collecting soil moisture and soil radiation allows for a perspective to be

formed from the soil up. "All of those tools update on either a five or 15 minute timeframe depending on how much processing has to happen in the background," said Redmond, adding that the continual updates allow for accurate and up-to-date information for farmers.

More information on the Kansas Mesonet and access to state weather information is available at <https://mesonet.k-state.edu>.



It is that time of the year when I do not feel fully comfortable until I have driven past the last group of cows and made sure they are in. I cannot be the only one who has that little feeling of dread every morning when I start out from home and make my way around each bunch of cows. I will say that the feeling of relief is surprisingly good on those mornings when I do find everything where it is supposed to be; rare — but good.

Here lately that has been the case — well, except for two black heifers. I will give them one thing; they are predictable and consistent. For the past five or six mornings I have gone on my routine route and found them out grazing on a brome field a fair bit from where they are supposed to be. They are still on our property, just not in the right place.

The first time I thought it was an anomaly and I deployed the dog from great distance. Roo did her thing and all I saw were tails and dust as she chased them back in. This was quick and effective but not necessarily helpful. I did not see who the offending heifers were or where they got out and the hole in the fence was not apparent.

Before we go on any further, let me set the scene. I have fenced the cattle into a native meadow, but I left the exterior fence around the sudan and brome for this very reason. It does hold the perimeter, but I also have to open a gate and follow a trail to get back to where they are getting back in and by the time I navigate it, they are back and chewing their cud. It should not have been hard to figure out who they were except that roughly half of the herd is black and they did an excellent job of blending into the herd once they were back in the pasture.

I decided I was not dealing with ordinary heifers but the kind that were too smart for me. This went on two more mornings until I got a little wiser and put Roo next to me in the cab. I was successful in quieting the dog, but between the sound of the side-by-side and Roo's muffled barks, I still could not get the jump on the offending heifers. It had become

a game to them, and I was starting to get frustrated.

Then came the morning when we got a rain shower. I made my rounds like normal and to my surprise the brome field was empty. I went on around and checked the cows and in the middle of doing that I got a phone call. I stopped the side-by-side to talk, and all of the cows gathered around thinking I was stopping to feed them.

As I sat there, mobbed by cows, guess who came up to the fence and showed themselves? They may have been smart, but they were not too smart to be able to resist the idea that I possibly had some alfalfa for them. I got out, still talking on the phone, let the fence down and they walked back in. I saw a look of relief in their eyes, like the criminal who wants to be caught. I felt pretty smug that I had gotten them in and done two things at once.

This did eliminate one mystery but not another. Now I knew who was getting out but not where. Well, sometimes you have to know to quit when you are ahead, and I caught the two offending cows and brought them home to a better pen. All I can say is they better hope they are bred because they will not get a second chance.

I went about my business feeling really smug, like I had outsmarted two lame-brain heifers. Then reality hit me. First, I only figured out who they were because I got really lucky. If I had not stopped to talk on the phone, and the lure of alfalfa had not been too much for them, their identity would still be a mystery. That alone was enough to take the wind out of my sails but did sort of justify all the time I spend on the phone.

However, what really got me was the realization that I thought I had gotten the better of them when at this very moment they are in the lot, drinking fresh cool water and eating the best brome hay instead of being out on the meadow and drinking from the pond. I was the one who got suckered. Then I was reminded of the old saying, "The only thing dumber than a cow is the guy who owns them."

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Report on U.S. cattle market published for Congress

In response to a request from Congress and USDA, the Texas A&M University (TAMU) Agricultural and Food Policy Center (AFPC) has completed an extensive report on the U.S. cattle market. The 180-plus page report, titled "The U.S. Beef Supply Chain: Issues and Challenges," is the result of proceedings from an AFPC-hosted workshop on cattle markets held June 3-4 in Kansas City.

The report puts into context a variety of disruptions in the cattle market, including the 2019 fire at the Tyson plant in Holcomb and the COVID-19 pandemic's effect on packing plants and the supply chain. It is presented in ten chapters that range in topics from price discovery to the use of alternative marketing arrangements to market transparency to the implications of fed cattle pricing changes on the cow-calf sector to packing capac-

ity issues.

"In our discussions among cattle industry stakeholders, the viewpoints on solutions to current concerns about cattle markets were highly diverse," said David Anderson, TAMU agricultural economist and report contributor.

He noted there was general agreement that price discovery is important to the functioning of cattle markets. However, Anderson said "agreement on any related policy changes remains an open question, and there is also concern about the unintended negative consequences of otherwise well-intentioned policy changes."

Some findings from the evaluation of cattle market concentration included confirming and validating the link between fed cattle pricing and packer capacity. The report did state, "With respect to fed cattle pricing,

research shows alternative marketing arrangements do not create market power because they do not change underlying supply and demand fundamentals." In addition, it showed general agreement among cattle market economists consulted that price discovery in fed cattle markets still is robust. However, it was noted that additional transparency in general would be good as it could help build confidence in the market.

Regarding packing capacity, the report recognized the decline has occurred over several decades. It further noted that although cattle supplies have outpaced available capacity, that will not always be the case. Therefore, the report states, "Expansion of small and regional packing capacity needs to be done in a way that is sustainable and economically viable."

Kansas wheat planting and emergence off to a better start thanks to recent moisture

Recent rain across Kansas was welcome, especially as nearly half of the Kansas wheat crop has now been planted and is starting to emerge. Producers — both those waiting now for fields to dry out enough to continue planting and those turning their attention to monitoring crop progress and condition — have new resources available to address key management areas.

"The majority of Kansas wheat producers are still well within optimum planting windows for this year's crop," said Aaron Harries, vice president of research and operations for Kansas Wheat. "Moisture conditions have improved considerably... providing much-needed support for emergence for wheat 'dusted in' by producers and reassurance to those who waited for adequate moisture."

According to the USDA's National Agricultural Statistics Service, 42 percent of the Kansas wheat crop was planted as of October 3, behind 53 percent last year, but ahead of the five-year average. Plant-

ing is well over halfway done in the western half of the state, whereas planting in the central corridor is closer to a third complete and eastern Kansas is more variable. Overall emergence is also behind — reflective of farmers waiting for moisture and to avoid army cutworms — at 16 percent, behind 26 percent last year and near the five-year average of 19 percent. Track planting progress and the condition of the winter wheat crop each week at https://www.nass.usda.gov/Statistics_by_State/Kansas/.

With the growing season now officially under

way, Kansas farmers have new resources available to help manage their wheat crop throughout the year. Kansas Wheat and K-State Research and Extension partnered together to produce Wheat Rx, a new program to disseminate to Kansas wheat farmers the latest research recommendations for producing high-yielding and high-quality wheat.

"While farmers cannot control the weather, conscientious management practices are essential to maximizing the yield and quality potential of this year's wheat crop," Harries said. "The Kansas

Wheat Commission prioritizes research investments that help elevate the quality of the Kansas wheat crop, and putting the latest research into farmers' hands is an essential next step in that work."

Wheat Rx publications and other educational outreach materials are designed to address key management areas of hard winter wheat. These publications contain recent data based on novel research funded in part by

wheat farmers through the Kansas Wheat Commission's two-cent wheat assessment.

"In the last five years, we have learned a lot about the yield potential of wheat in Kansas as well as how to manage the crop to reach its economical optimum," said K-State Research and Extension wheat and forages production specialist Romulo Lollato, who is coordinating the Wheat Rx program. "In this series of Exten-

sion materials, we will compile results from the latest research, both on small plots and at the commercial field level, to educate our growers on how to maximize their profitability through management of yield and quality of their wheat crop."

New publications will be released on an ongoing basis, including updates to existing publications and accompanying videos. Learn more at kswheat.com/kansas-wheat-rx.

USDA to invest \$146 million in sustainable ag research

Ag Secretary Tom Vilsack has announced an investment of more than \$146 million in sustainable agricultural research projects aimed at improving a robust, resilient, climate-smart food and agricultural system.

This investment is made under the National Institute of Food and Agriculture's (NIFA) Sustainable Agricultural Systems program. This innovative program focuses on a broad base of needed research solutions from addressing labor challenges and promoting land stewardship to correcting climate change impacts in agriculture and critical needs in food and nutrition.

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Rose Edwards, Stillwater, Oklahoma:

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3 tablespoons cinnamon
2 teaspoons ground ginger
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1 1/2 teaspoons cloves

Whisk together all ingredients until combined. Store in a jar. Measure out amount when you make pumpkin pie. Also good in coffee.

Jackie Doud, Topeka:

ORANGE POUND CAKE

1 orange cake mix
1 package vanilla instant pudding
1/2 cup oil
1 cup water
4 eggs

Blend all ingredients in a large bowl. Bake in a greased and floured 10-inch tube pan or bundt pan at 350 degrees for 45-50 minutes. Cool for 25 minutes then remove from pan.

Glaze:
1 cup powdered sugar
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Millie Conger, Tecumseh:

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2 cups flour
1 teaspoon baking soda
1 teaspoon cinnamon
1/2 teaspoon salt
1 cup oil

1 3/4 cups sugar
4 eggs
1 teaspoon vanilla
2 cups chopped & pared apples

1/2 cup chopped walnuts

Vanilla Glaze:
1 1/2 cups powdered sugar
2 tablespoons soft butter
5 tablespoons water

Mix flour, baking soda, cinnamon and salt. Beat together oil, sugar, eggs and vanilla for 3 minutes. Add dry ingredients, beating well after each addition. Stir in apples and walnuts. Pour into jelly roll pan. Bake at 350 degrees for 30 for 40 minutes or until tests done. Cool on rack. Combine glaze ingredients and beat until smooth. Glaze bars.

Kimberly Edwards, Stillwater, Oklahoma:

PEANUT BUTTER CHIP BARS

2 eggs
1/3 cup water
1/4 cup melted butter
1 cup peanut butter
1 yellow cake mix
2 cups chocolate chips

Beat eggs, water, butter and peanut butter. Mix in cake mix. Stir in chips. Spread in a 10-by-15-inch jelly roll pan. Bake at 350 degrees for 15-20 minutes. Cool and cut into bars.

Plan Now To Enjoy "Simple" Holidays: Annual Rush Of Holidays Begins With Halloween

MANHATTAN – Ready or not, here come the holidays.

Kansas State University family resource management specialist Elizabeth Kiss says the annual onslaught begins for many with Halloween and extends to Thanksgiving and Christmas and other December celebrations.

"And to that," she said, "I would add a fourth: New Year's Eve."

"Retailers want us to be thinking about the holidays," Kiss said. "They're starting to stock holiday merchandise, so it's a really good time to plan ahead and think how you would like to celebrate this year."

Kiss encourages families to save money year-round to prepare for the end-of-year festivities, but whether they have done that this year or not, it's not too late.

"What you could do is decrease your other spending right now and substitute your holiday spending for that," she said. "Then, keep within the total monthly spending that you have been doing."

Kiss called routine expenses – such as buy-

ing a daily cup of coffee or snack at a convenience store or bakery – 'spending leaks.' Instead, for the next few months, she suggests directing that money toward holiday expenses.

Then, she said, make a plan.

"To really get a handle on it, it's okay to start by thinking or dreaming big," Kiss said. "Then, get real."

"Take a look at the things you might like to do and then really take a good, hard look at what your resources are. How much money do you want to spend, and how much can you really afford to spend? How much can your budget handle?"

By outlining a plan in early October, Kiss said consumers also give themselves an opportunity to take advantage of sales and other price discounts that retailers are offering.

Other tips that Kiss shared for managing holiday spending include:

* **Pay in cash.** "I do try to use cash because I can keep track of what I'm spending and I know what I have left. Some people may keep an envelope of cash or they

keep their cash separate so that when they're done, they're done."

* **Resist credit card offers.** Some stores may offer a 15% discount up-front, but consumers may not realize that they'll pay more than that in interest if they don't pay off the bill right away.

"My thought about opportunities that are presented to save money is to understand what that means," Kiss said. "What are the terms? Are you giving up privacy? How much are you giving to them in return for this discount?"

* **Shop locally.** While there may be great deals – and some time savings – found online, buying in your own community not only helps local businesses, but also potentially saves shipping costs. Planning ahead helps you know what items you can buy in your own town.

"And, delivery times are extending this year," Kiss said. "Because of that, you need to plan ahead and buying local can help with that."

* **Consider what makes you happy.** Kiss said she has had conversa-

tions with her own family about decreasing the emphasis on gifts and increasing time spent together.

"We are at an age where we really don't need gifts anymore," she said. "We like to spend time together; we like to have good food and bake. So we said, 'why don't we focus on that going forward.'"

"I do agree that things can be more enjoyable if we keep them simple and focus on the real point of the holidays," Kiss said. "Ask yourself: Why are we doing it? What brings us the most pleasure? Those things don't always cost money."

Kiss and her colleagues in the College of Health and Human Sciences and K-State Research and Extension meet regularly to discuss emerging financial issues. To learn more about managing your money, visit their website on family finances.

Links used in this story: K-State Research and Extension family finances, www.k-state.edu/family-finances

Enjoy Safely Preserving Sweet Potatoes And Tomatoes For Fall: Tips And Safety Precautions For Home Canning

By Taylor Jamison, K-State Research & Extension news writer
MANHATTAN – With the arrival of fall, many people enjoy canning their produce to enjoy during the colder months and holidays.

Two common canned favorites during fall are sweet potatoes and tomatoes. Kansas State University food scientist Karen Blakeslee shares tips and safety precautions for home canning.

She says that food preservation by means of canning is backed by years of science and was a much-utilized method in times where food was

scarce for the fall and winter seasons. However, despite food preservation's time-backed safety, older recipes may not be ideal.

"The science is evolving, so over the years the recommendations to preserve food safely have evolved," said Blakeslee, who is also coordinator of K-State's Rapid Response Center for food science. "Food preservation methods and practices of yester-year may not be safe for today."

To ensure food safety, Blakeslee advises only using recipes that are up-to-date. While sweet potatoes and tomatoes

are vegetables, the two foods differ in their acid content.

Sweet potatoes are a low-acid food. Blakeslee said the canning requirements for sweet potatoes include:

* Pressure canning to get the temperature up to 240 degrees F to destroy the dangerous food pathogen, Clostridium botulinum.

* Cut potatoes into chunks or pieces, do not puree or mash. Heat cannot move adequately through the jar with a dense mash.

Tomatoes are in between a low-acid and high-acid food, and Blakeslee outlines the different canning requirements:

* Do not can tomatoes that have been on the vine during a frost or freeze. The acidity has changed throughout the temperature change and bacterial pathogens are more likely to have invaded.

* Tomatoes that are overripe may also not be ideal to can, as a tomato's acidity decreases as they mature – again, making bacteria more likely to grow. Ensure correct canning temperatures are reached to kill bacteria.

* Tomatoes not subjected to a frost or freeze can be safely canned using a pressure canner or water batch canner. With either method, extra acid must be added to ensure safety.

After your produce is canned, there are still a couple safety measures to consider.

"Store canned food in

a cool, dry, dark location and use within one year," Blakeslee said.

Blakeslee recommends using Kansas State University's resources for safe food preservation and trusted canning recipes. "Remember to adjust your processing for your location to account for higher elevations," said Blakeslee, who recommends consulting this elevation guide.

Blakeslee publishes a monthly newsletter called You Asked It! that provides numerous tips on being safe and healthy. More information is also available from local Extension offices in Kansas.

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

Preserving vegetables, <https://bookstore.ksre.ksu.edu/pubs/MF1181.pdf>

Preserving tomatoes, <https://www.bookstore.ksre.ksu.edu/pubs/MF1185.pdf>

K-State food preservation resources, <https://www.rrc.k-state.edu/preservation/index.html>

Food preservation recipes, <https://www.rrc.k-state.edu/preservation/recipes.html>

Food preservation elevation guide, <https://bookstore.ksre.ksu.edu/pubs/MF3172.pdf>

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

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

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Baking With Sugarbuns

By Michele Carlyon
The Hardest Goodbye

Our bags were packed, and I had spent weeks searching for the best places to eat in the Tacoma/Seattle area, but that Thursday night that I was set to head to Kansas City for our early Friday morning flight, I was not so sure I was going.

The weekend before I had been in Iowa with my boyfriend, visiting his family, when I got the call that Nanny had fallen and broken her hip socket. She has always been a fighter and assured me she was okay. That Sunday when we got back, I went straight to the hospital to see her. I could tell she was in pain, but I was still confident that things were going to be okay.

At some point she developed a partially blocked bowel, something that had happened before, but she seemed different this time. Seemed less willing and ready for the fight that comes with such medical issues at ninety-four years old.

For as long as I can remember, most of my family have tended to be realists and very fact or visual based in their assessments of situations. I on the other hand tend to be someone who feels deeply, and I tend to rely on that. Over the years, I had gotten countless calls that Nanny was not doing well and her time with us might not be much longer, but I always assured them that with our deep bond, I would know when that time was upon us.

While she was in the hospital, I continued my usual routine of calling her when I made my daily post office runs. I want to say it was Tuesday's call where my heart dropped, and I felt in every fiber of my body that she was nearing her final days. She picked up the phone, she was crying, I could hear the panic in her voice, and through the tears she asked me to call my mom, she wanted her right away. I did as she asked and then called her back to try to calm her nerves until my mom arrived. She had other plans for me, she tasked me with calling her other kids, she wanted them to know she was not okay. I did as she asked, with each call breaking my heart a little bit more. I did not have full details and I could not tell them what my soul was telling me, but in her moment of intense struggle and complete fear she wanted her babies to all be there and to be aware of the struggles ahead.

The next few days were a blur, and I honestly was not sure if I would be getting on that plane to Seattle or not. I left

work early that Thursday evening, headed to the hospital and her spirits were good. She told me to go, assured me that she would be there when I got back on Wednesday. I left the hospital honestly not knowing what I would come back to, but on some level thinking she needed me to not be there so she could let go. We got on the plane Friday morning and landed to a phone call from my cousin asking if I was okay, Nanny was not doing well. I was torn, but they assured us they would keep us updated. I cried so many tears; worry was coursing through my body, but I tried to enjoy the trip, I knew she would want me to.

Saturday we were walking around the Seattle Public Market when my aunt's phone rang. Nanny was asking her to come home. I waited for my phone to ring; it did not, so I called and asked for Nanny. Through tears, she told me she thought I should come home. My best friend, Kari, and I were on the first flight home Sunday morning. On two and a half hours of sleep and high stress levels we made the trip back to Kansas City. I landed to a phone call that Nanny had decided she wanted comfort care, but she was refusing to start until she got to see me again. I made the emotional two-hour drive back to Junction City. She smiled when I announced that her favorite was back. She held my hand and told me that she just wanted me to know that she loved me, something I have never once doubted.

My aunt arrived Monday and comfort care for Nanny started after her

arrival. Nanny passed peacefully Tuesday evening after everyone but her oldest had left for the evening. The flood of pain that filled me when I got the call is something that can never be put into words, one of my soulmates was gone and she took a part of my heart with her. I knew it was coming, but I was not ready, I would never be ready.

The next few days were a tearful whirlwind, but life got hard when we walked into the viewing. I instantly started crying. My niece, Mika, she is a deep feeler as well, she came and grabbed my hand, looked me in my swollen eyes and without a word took me to the front to see Nanny. She put her arms up, the signal to be picked up, she gently grabbed my cheeks and said, "It's okay, Boo Boo, you can look at her." She then buried her head in my shoulder and rubbed my back for what seemed like an eternity, a needed eternity. I felt Nanny in Mika's comforting hugs and back rubs. It felt like her soul was coming through Mika and giving me a much-needed hug when I needed her most. I cried and kept crying and she did not let go, she just held on tighter.

Saying goodbye to Nanny was the hardest goodbye that I have had to face to date, but I am trying to find comfort in seeing her in the humans that would not be here if it was not for her. I see her overwhelming stubbornness and determination to do everything on her own in my mom. Her need to point at everything with her middle finger in little Chloe. Her love of traveling and being a free spirit in both my aunt and me. Her heart and love of animals in Mika. Her strong need to protect in my Uncle Bud and her ability to be silently strong in my Uncle Gayle. Her gift of gossip and ability to chat for what seems like forever in my brother, Mike. Her sense of humor and enjoyment in seeing people laugh in my brother Andy and my cousin Chris. Her ability

to stand strong in her beliefs in my cousin Nick. Her bluntness in my cousin Mathew. Her strength in my cousin April. But most of all, her sense of family, she instilled that in her kids, and they have continued to instill that in their kids. The strong family ties we all so strongly share are because of her.

Since I was little, Nanny had always been my safe place to land. She was the first person I wanted to tell my secrets to and my favorite daily call. She believed in me when I did not know how to believe in myself and would have sacrificed herself to protect me from anything. She was a massive part of my world and a bigger piece of my heart, one of my all-time favorite humans and someone that I will admire for eternity.

She loved me from day one and I will love her for forever. My daily post office runs will never be the same and I already miss her asking me the same questions every day and filling me in on everyone's secrets. I hate the fact that she never had the opportunity to see me get married or have babies, but I smile knowing that she is out there somewhere helping to arrange all those plans for my future. I will miss her until the end of time, but I am so thankful for thirty-three years of amazing memories and a bond that will never be broken. I love you Nanny, forever and always.

Michele grew up in Junction City and graduated from Kansas State University. She worked in the restaurant management field for six years before deciding to switch careers and now works as an office manager for a company that manufactures oilfield products. Her passion for blogging and food can be followed on Instagram: [boobs-brainsandbaking](#).

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



By Ashleigh Krispense

Most of the time when we go out to eat, we end up at Freddy's Frozen Custard & Steakburgers. While I usually go for the chicken tenders (and him for the steak burger), we do agree on our love for their fries and fry sauce! Here's a recipe for the copycat fry sauce we've started making at home. It's delicious! You can change the amount of cayenne for however much spice you like, but otherwise, it's pretty close to the original! The fries are simple to whip together and very minimal mess (no oil or frying!).

Copycat Freddy's Fry Sauce & Baked Shoestring Fries

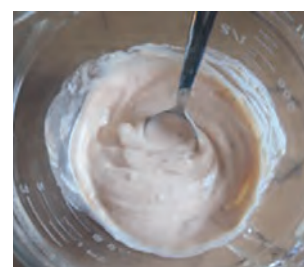
- 1/2 cup mayonnaise
- 1 tablespoon ketchup
- 1 teaspoon pickle juice
- 1/2 teaspoon garlic salt
- 1/2 teaspoon garlic powder
- 1/4 teaspoon cayenne pepper
- 1/2 teaspoon ground black pepper
- 1/2 teaspoon sugar
- Large russet potatoes
- Freddy's Steakburger & Fry Seasoning



Get started by washing and slicing your potatoes into thin fries.



Place on a nonstick baking sheet and sprinkle with Freddy's Fry seasoning. Bake in a 400-degree oven for about 25 minutes or until golden brown and tender.



Mix together all of the ingredients for the fry sauce and chill for 30 minutes.



Serve with hot fries and enjoy!

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

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FALL HARVEST SPECIAL 2021

Severance serves farm, leadership roles

Editor's Note: This is the final installment of Grass & Grain's four-week Fall Harvest Series, sponsored by Gavel Roads Online Auctions, Harris Crop Insurance, Kansas Soybean, Kopper Kutter, Heartland Truck Beds and Accessories, The Feed Shed, Herts Machine and Thurlow Farms.

By Lucas Shivers

Fred Severance, a single farmer, has lived on a small crop operation in Mitchell County his whole life.

"I enjoy the farming lifestyle near Asherville, a suburb of Beloit," Fred joked. "I had a great childhood on the farm. I'm the

youngest of five kids. My dad was a teacher, and my mom was a dietitian."

The family farmed 80 acres of wheat and hay with more acres included now that Fred does it full time.

"The farm was always constant," Fred said. "You always had someplace to go and something to do."

Fred graduated from K-State with an ag education degree, but he preferred farming instead of teaching.

"I worked for seven years in eastern Colorado where I learned persistence," Fred said. "It took as much effort to

raise 20 bushels of wheat there when I could do 50 here in northeastern Kansas."

The passion for the Flint Hills brought Fred back home.

"I love what I do and I love where I do it," Fred said. "I farm three miles along the creek, and those are some of my favorite places on the planet."

Fred predicts the fall crop harvest will be fairly average.

"The rainfall was spotty," he said. "The beans were planted into mud with a wet start. The milo was late getting in. We'll get what we get."

Out on the farm, Fred runs all sorts of equipment.

"I have older equipment," Fred said. "It's whatever I can get. I'm handy mechanically so I don't pin my brand on any one paint color."

Fred serves on six local boards including the township board, historical society and conservation.

"I'm just like every other farmer. In small towns and rural America, we have to make our own leadership. We can't depend on others to tell us what's best. Volunteer organizations give us that

opportunity; and it makes it possible for us to have services like larger places. It makes it all better!"

He sees the value of allowing local citizens to step up to make decisions.

"In all honesty, people talk about the crisis of input costs and all but I think it's leadership," Fred said. "We've depended far too long for others to tell us what's best for us. We need our citizens to take leadership and determine what's best at home."

Fred took part in the KARL Class V with the Australia trip.

"First and foremost, I

met the nicest, most helpful people," Fred said. "The program gave me a door to experiences and access to people and places I never would have gotten otherwise."

Fred is also known for promoting and valuing cover crops.

"I'm a huge believer in cover crops," Fred said. "In 1913, there were 30-some-odd crops grown in Mitchell County - now, I think there are nine. We've got a few things to learn about what's best for our soil. It sequesters carbon, stabilizes soil, brings in wildlife and makes the place more beautiful."

Sunflower acreage, production sees decline

USDA has pegged 2021 sunflower production at 1.90 billion pounds, down 36 percent from the revised 2020 production of 2.98 billion pounds. USDA added 480,000 pounds to 2020 non-oil sunflower production and left oil type production unchanged from last year. Area planted, at 1.28 million acres, is down 7 percent from the June estimate and down

27 percent from last year. U.S. sunflower growers are expected to harvest 1.22 million acres, down 27 percent from last year. The overall average yield for all sunflower types is fore-

cast, at 1,554 pounds per acre. This is 236 pounds lower than last year's yield, if realized. The forecasted production in South Dakota would make it the leading sunflower pro-

ducing state this year, at 793 million pounds, down 32 percent from 2020. In North Dakota, production is forecast at 755 million pounds down 43 percent from last year.

KDA announces new specialty crop grant opportunity

The Kansas Department of Agriculture is now accepting applications for the 2021 Specialty Crop Block Grant H.R. 133 Stimulus Program. This program is in addition to the traditional Specialty Crop Block Grant Program; awards for that program will be announced later this fall.

Funds for both grant programs are awarded to the agency by the U.S. Department of Agriculture's Agricultural Marketing Service. The funds are in turn granted to projects and organizations to enhance the competitiveness of specialty crops by leveraging efforts to market and promote specialty crops; assisting producers with research and development relevant to specialty crops; expanding availability and access to specialty crops; and addressing local, regional, and national challenges confronting specialty crop producers. Specialty crops are defined by

the USDA as "fruits, vegetables, tree nuts, dried fruits, horticulture, and nursery crops, including floriculture."

Due to COVID-19 impacts on the food system, Congress authorized one-time additional funding for the Specialty Crop Block Grant H.R. 133 Stimulus Program outside of the traditional Farm Bill funding under the 2021 Consolidated Appropriations Act. Kansas is expected to receive approximately \$450,000 in H.R. 133 Stimulus funding for the 2021 grant cycle.

Applications will be evaluated by a team of external reviewers. The team will rate proposals on their ability to successfully promote specialty crops in Kansas and make a positive impact on the Kansas economy. Those recommendations will be submitted to the Kansas Secretary of Agriculture, who will make the final awards.

Applications are due to KDA no later than 5:00 p.m. CST on November 24, 2021. For more information, please download the 2021 KDA Request for Applications from: agriculture.ks.gov/specialtycrop.

The vision of the Kansas Department of Agriculture is to provide an ideal environment for long-term, sustainable agricultural prosperity and statewide economic growth. To achieve this vision, the agency advocates for sectors at all levels and provides industry outreach.

McDonald's accelerating climate change efforts

McDonald's Corporation has announced its commitment to achieve net zero emissions across its global operations by 2050. In an effort to limit rises in global temperatures to under 1.5°C, McDonald's will increase the emissions reduction levels in its existing 2030 science-based target across all emissions. Among the company's efforts, it will contribute insights from its supply chain to develop 1.5°C emissions reduction pathways for forestry, land and agriculture, and to define a science-based framework for net zero emissions. Once final, these frameworks will guide the future evolution of McDonald's existing targets.

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- \$707 million in Kansas exports in 2018²
- From 1.9 million acres and \$5.55 per bushel to 4.4 million acres and \$8.40 per bushel (1991 to 2019)¹
- 10.9 million bushels of soybeans used by Kansas animal agriculture in 2019³
- 63¢ more per bushel due to biodiesel⁴



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¹ USDA National Agricultural Statistics Service • ² USDA Economic Research Service • ³ United Soybean Board • ⁴ National Biodiesel Board

#FarmFoodTour takes new approach to engage consumers

A year off from the Farm Food Tour allowed the event to transform to a more immersive experience for its participants. Kansas Soybean partnered with Kansas Farm Bureau to make this the seventh #FarmFoodTour.

Six online influencers embarked Oct. 5 on a three-day tour across Kansas that this year included lon-

ger, individualized visits to learn from farmers. Participants split in groups of two and spent an afternoon on the farm in northeast Kansas before continuing across the state.

"The ability for these participants to get on farms and experience farming for themselves, from harvesting to selecting produce and from car-

ing for cattle to caring for pigs is impactful," Jancey Hall, director of programs and outreach for Kansas Soybean, says. "It allows them to confidently share what they learn with their audience that we cannot as easily reach."

Participant Ariel Johnston says, "I am most excited to share with my followers about the women

in agriculture that we met. We had the opportunity to meet three female farmers doing their part to get food to our table and I think that was really neat seeing them challenge the norm."

She believes sharing the story of the farms she visited will garner trust between consumers and where their food comes from.

Tour stops included Juniper Hills Farm, Rezac Land and Livestock, Hildebrand Farms Dairy, Tiffany Cattle Company and Leffler Farms. Brett Neibling, Brandon Geiger and Greg Strube, all Kansas Soybean Association directors, volunteered their time for the ride-along portion of the tour.

Johnston says being

able to ask direct questions to these farmers about hormones and antibiotic use in livestock was beneficial those are the types of questions she gets from her clients most often.

According to Hall, the focus of the program is to connect influencers with farmers to showcase how food is grown with care.

Scientists evaluate and refine a simple economic method to measure soil health in dryland farming

USDA, Agricultural Research Service's (ARS) Northern Plains Agricultural Research Laboratory, in collaboration with the Soil Health Institute in N.C., evaluated the measurement of carbon dioxide flush—a rapid, reliable, and inexpensive method producers can use to measure soil health on dryland cropping systems—and refined it to be closely associated with most soil properties and long-term crop production.

Farmers, producers, and managers increasingly want to use soil health assessments to measure the level of desired properties in their soil, like soil aggregation, microbial activity, nutrient cycling, salinity, acidity, and organic matter. Generally, producers have to use several methods and indicators to measure many soil properties, and testing can become expensive.

Given that this knowledge can contribute to the decision-making of soil management practices for crop production, there is a need for an inexpensive and reliable test that can provide suitable data for measuring soil health, especially for nitrogen mineralization. Nitrogen mineralization is the amount of nitrogen that naturally becomes available from

soil during a growing season, and knowing it can help farmers use less nitrogen fertilizer, still maintain crop yields, and reduce environmental degradation. Scientists are concentrating their efforts on identifying indicators and parameters for what makes a soil healthy, which can help producers to know if more practices could help them increase crop production while maintaining sustainable, healthy soil for generations to come.

One soil health indicator that scientists had focused on is the measurement of the carbon dioxide gas released (flushed) after rewetting of dry soils. The method involves adding water to a sample of dry soil and incubating for one day in a jar. The carbon dioxide released inside the jar during incubation indicates microbial activity in the soil. The higher the amount of carbon dioxide flush, the healthier the soil is.

Although the test has been known for a long time and the carbon dioxide flush has been related to crop yields, it has not been related to a large number of soil properties or tied to long-term crop yields.

In the study published in the *Soil Science Society of America Journal*, ARS re-

search soil scientist Upen-dra M. Sainju and collaborators used this method on soil samples collected

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In the study published in the *Soil Science Society*

of *America Journal*, ARS research soil scientist Upen-dra M. Sainju and collaborators used this method on soil samples collected from two long-term experimental sites for dryland farming (14-36-year-old sites in Eastern Montana), with the goal to identify a promising soil health indicator that relates to most soil properties and crop yields and is economical and easy to use by farmers. Samples were tested for carbon dioxide flush after 1-day incubation period using water and 4-day incubation period using an alkali solution and related to 54 different soil properties and the average crop production across years in dry regions.

"Measuring soil health could be difficult for producers," said Sainju. "Our team was able to refine the 1-day incubation method to relate to most soil physical, chemical, biological, and biochemical proper-

ties when farming in semi-arid conditions. After comparison, the 1-day incubation method was not only faster, but also accurate because it is connected to more soil properties and had a better relationship with crop production than the 4-day method. The shorter time required for incubation and mixing soil with water without the use of chemicals also make it more practical and cheaper for producers."

The team of scientists wants to continue validating this simple process for short-term experiments with different soils in both dryland and irrigated cropping systems and share the results with producers. "Knowledge is critical to maintaining healthy soils, which has a direct impact in yearly crop harvest, and requires a simple, easier, reliable, and inexpensive test to measure," said Sainju.

NCBA urges Congress to listen to producers on cattle markets

The U.S. House of Representatives Committee on Agriculture recently heard several hours of testimony from Sen. Charles Grassley (R-Iowa), USDA Secretary Tom Vilsack and a producer panel. NCBA vice president and South Dakota rancher Todd Wilkinson participated in the panel and discussed the huge disparity between producer struggles and packer profits, but he urged Congress to resist one-size-fits-all policy prescriptions which may have disastrous, unintended consequences. Instead, he recommended that Congress focus on policies that properly address transparency, processing capacity, price discovery and oversight in the cattle markets.

"Because the challenges facing our industry are so diverse, it is imperative that policy makers at all levels of government remain focused on viable and tenable solutions with vast industry buy-in," Wilkinson said.

Wilkinson's testimony follows months of NCBA engagement with members of Congress on complex

cattle market conditions to ensure that policy solutions address the correct issues without harming producers or their profitability.

"We do not need intervention or mandates that would restrict our access to marketing arrangements providing the highest value for our cattle," stated TCFA chairman Scott Anderson. "Our members have clearly demonstrated their commitment to increasing negotiated trade and improving price discovery; however, it is also equally apparent that current factors such as market power and leverage are negatively impacting the cattle market, and we are committed to addressing these issues."

Committee chair David Scott (D-Georgia) opened the hearing by entering into the record a recently released report compiled by Texas A&M University titled, "The U.S. Beef Supply Chain: Issues and Challenges." The report, which was commissioned by Congress, is a compilation of work by notable university economists from around

the nation and found that proposals to increase government intervention and mandates will cost livestock producers billions of dollars. A few of the key findings include:

Most economic research confirms that the benefits to cattle producers due to economies of size in packing largely offset the costs associated with any market power exerted by packers.

Innovation via AMAs originated with feeders who were attempting to capture value associated with improved quality.

Reliance on formula pricing significantly reduced transaction costs associated with negotiation and induced predictability in the supply chain.

Among the cattle market economists consulted, there was general agreement that price discovery in fed cattle markets is still robust despite the fact that less than 30% of the transactions are negotiated (or cash) but that additional transparency would be good to help build confidence in the market.

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USDA offers online tool for drought-stricken ranchers to estimate compensation for feed transportation costs

An online tool is now available to help ranchers document and estimate payments to cover feed transportation costs caused by drought, which are now covered by the Emergency Assistance for Livestock, Honeybees and Farm-raised Fish Program (ELAP). The U.S. Department of

Agriculture (USDA) updated the program this year to include feed transportation costs as well as lowered the threshold for when assistance for water hauling expenses is available. USDA's Farm Service Agency (FSA) will begin taking applications this fall. "Drought has had a tre-

mendous impact on producers, and we are thinking outside the box to help producers mitigate the effects of drought, which is a necessary first step to realizing the Secretary's vision of ensuring agricultural producers get a fair share of the food dollar," said FSA administrator Zach Ducheneaux. "From climate change to COVID-19, we are continuously working to make our programs as flexible as possible and so they effectively help producers face today's challenges."

The new ELAP Feed Transportation Producer Tool is a Microsoft Excel workbook that enables ranchers to input information specific to their operation to determine an estimated payment. Final payments may vary depending on eligibility.

To use the tool, ranchers will need:

- Number of truckloads for this year.

- Mileage per truckload this year.
- Share of feed cost this year (if splitting loads).
- Number of truckloads you normally haul.
- Normal mileage per truckload.
- Share of normal feed cost.

The tool requires Microsoft Excel, and a tutorial video is available at fsa.usda.gov/elap.

Updates to ELAP

ELAP provides financial assistance to eligible producers of livestock, honeybees and farm-raised fish for losses due to disease, certain adverse weather events or loss conditions as determined by the Secretary of Agriculture. ELAP now covers feed transportation costs where grazing and hay resources have been depleted. This includes places where:

Drought intensity is D2 for eight consecutive weeks as indicated by

the U.S. Drought Monitor;

or Drought intensity is D3 or greater.

The tool calculates the estimated payment for feed transportation assistance, but it is not an application. Once FSA begins accepting applications later this fall for feed transportation assistance, ranchers should contact their FSA county office to apply. To simplify the application process, ranchers can print or email payment estimates generated by this tool for submission to FSA. The deadline to apply for ELAP, including feed transportation costs, for 2021 is Jan. 31, 2022.

ELAP already covers above normal costs for hauling water to livestock in areas where drought intensity is D3 or greater on the drought monitor. FSA is also updating ELAP to also cover water hauling in areas experiencing D2 for eight consecutive weeks, lowering the threshold for this assistance to be available. Program benefits are retroactive for 2021.

Payment Calculations

USDA will reimburse eligible ranchers 60% of feed transportation costs above what would have

been incurred in a normal year. Producers qualifying as underserved (socially disadvantaged, limited resource, beginning or military veteran) will be reimbursed for 90% of the feed transportation cost above what would have been incurred in a normal year.

USDA uses a national cost formula to determine reimbursement costs that will not include the first 25 miles and distances exceeding 1,000 transportation miles. The calculation will also exclude the normal cost to transport hay or feed if the producer normally purchases some feed. For 2021, the initial cost formula of \$6.60 per mile will be used (before the percentage is applied).

Eligibility

To be eligible for ELAP assistance, livestock must be intended for grazing and producers must have incurred feed transportation costs on or after Jan. 1, 2021. Although producers will self-certify losses and expenses to FSA, producers are encouraged to maintain good records and retain receipts and related documentation in the event these documents are requested for review by the local FSA County Committee.

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Deb Goodrich is the co-host (with Michelle Martin) of the Around Kansas TV show and the Garvey Texas Historian in Residence at the Fort Wallace Museum.

She chairs the Santa Fe Trail 200 and is the contributing editor to Ad Astra Magazine. Contact her at author.debgoodrich@gmail.com.



Well, autumn has fallen.

That recent storm system dropped the mercury and tossed us about, getting our attention as Mother Nature has a way of doing. She grabs us and shakes us, "Get ready, get ready, winter is coming!"

The days grow shorter

and our light changes – the sunlight actually changes. The slant of light is not the same as the wake-up call of spring, the insistent pulse of summer, the distant light of winter. It slants, revealing – if we dare look – change.

Fall puts me in mind to read fiction, something

I rarely indulge. A paperback of Sharyn McCrumb's *The Songcatcher* is open face-down on the arm of my oversized chair, a chair so big that I can rest my head on one side and my feet on the other. The ballad novel is comfort food for my soul, a story of home, of the mountains, of my people, my past, my collective past. It is a novel of song, of the power of tune and words and the very idea resonates in the marrow of my bones. Stories and songs handed down for season after season, across the hills, across the sea, the stories and the songs save us.

The past beckons us in fall, forces us to take account as our ancestors counted bushels of apples

and potatoes in the cellar. How much does it take to survive the winter? We take account of ourselves, sometimes shrinking from the answer, hoping we have the reserves to face the cold.

Fall is thoughtful. Where spring is action, fall is contemplation. Winter can be stark and its thoughts are laid bare. But fall is full. The bounty tumbles around us as the first chill wind causes us to pull our jackets tighter, to look for the gloves we stuffed into the back of the drawer.

For a fall moment, I hold a teacup in one hand, a novel in the other, and sink into my chair. The sunlight hits a different branch of the tree by my window and the leaves shiver, and fall.



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Kansas Water photo contest and student poster research submissions being accepted

Kansas is blessed with an abundance of great natural resources and Kansans are encouraged to capture the most vital of these; water. The Kansas Water Office (KWO) is accepting water photos to be featured in conjunction with the 2021 Virtual Governor's Water Conference in November. The photos need to pertain to water or water use in Kansas. Examples include all bodies of water, irrigation, agriculture, recreation and fun, or other water infrastructure.

Worthy entries will be voted on during this year's Virtual Governor's Water Conference by conference attendees. The winning photo will earn feature photo at the 2022 Governor's Water Conference. It will also, along with second and third place, be displayed in the Kansas State Capitol and KWO during the year. November 5 is the deadline to submit photos at kwo-info@kwo.ks.gov.

Student Research will also continue to be a feature during the virtual conference. Undergraduate and graduate students are invited to submit abstracts on their water-related research to be presented as posters. Any research that involves water quantity, quality or water education is eligible and cash awards are available. The submission deadline is November 10.

For more information about both contests as well as tentative conference agenda and speakers,

please select Governor's Water Conference at kwo.ks.gov under the News and Events section. Confer-

ence registration will be free and available to those planning to attend any of the virtual conference.

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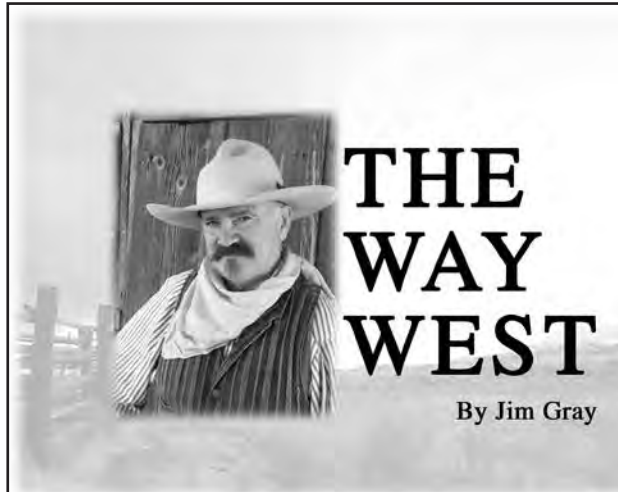
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The Great Kearney War

The new town of Kearney Junction, Nebraska was platted in 1871 when the grade for the new Burlington & Missouri River Railroad connected to the Union Pacific. Tracks were finally finished to the junction in September of 1872, and stockyards were built to receive cattle in the coming year.

Nineteen miles to the southeast, the town of Lowell had a head start with tracks reaching the town on June 8, 1872. As the end-of-track Lowell became the central shipping point for cattle reach-

ing central Nebraska. The town boasted four saloons with a healthy dose of cowboys, gamblers, and roughs on its bustling streets.

Lowell and Kearney shared the burgeoning cattle market throughout 1873 with a greater shift to Kearney in 1874. With the decommission of Fort Kearney in 1871 one hundred square miles of military reservation was opened to grazing without interference from settlers. Settlement was not allowed until 1876. As one observing noted, "Here, free of

'nesters' the cattle could graze until turned over to northern buyers."

When Fort Kearney closed, the denizens of old Kearney City naturally moved across the Platte River to "The Junction," providing Kearney with the perfect "cowboy resort" atmosphere. Unfortunately, Kearney Junction citizens were not prepared for the celebrations of the Texas cowboys. The Nebraska press more commonly called them "bullwhackers" or "herders."

When Texan herders decided to celebrate, drinking and gambling with wild rides through the streets and shooting in all directions was the order of the day. Trouble began when the local newspaper "went for them," with critical commentary, suggesting greater restrictions on their revelry should be put in place. The town even erected a well-barred, stout jail that was dubbed the Blue Eagle Hotel.

The public censure only antagonized the Texans. They made a point of expressing their displeasure whenever in town. Yelling at the top of their voices citizens were threatened, frightening everyone within sight. On

several occasions officers made arrests resulting in small fines, but that was no deterrent.

Finally at the end of the shipping season most of the herders left for home. Six herders remained in camp on an island in the Platte River south of Kearney. Three of them rode into town on Thursday, October 15, 1874. The usual "hoorah" commenced throughout the afternoon until evening when the men retired to Hattie McDonald's place. By that time Marshal Daniel Bricker called on the citizens to back his play to control the herders. The makeshift militia was later organized as the Kearney Guards.

Billy Bland had stepped outside Hattie's place just as Marshal Bricker arrived. The marshal, backed by his citizen army, surprised Bland with an order to "surrender and consider himself a prisoner." Quick as thought, Bland pulled his pistol and fired an errant shot, alerting his friends inside. Rushing out with guns blazing, the Texans made for their horses and swung into the saddle, as the citizens opened up with a hot volley of lead.

Tom Peeler was hit in the neck, taking off a portion of an ear. A bullet ripped through the leg of Billy Bland, but all three made it out of town, escaping through a hail of bullets.

The next day Marshal Bricker led a posse to the herder's camp where he arrested the wounded Peeler. Billy Bland had apparently seen them coming and escaped to the town of Lowell where friends took him in.

Newspapers exaggerated the story, giving the impression that a horde of Texans had invaded the town. They were in fact dealing with a handful of Texans. On Saturday afternoon October 15th, citizens gathered at Morse's Hall anticipating trouble from "the daring and defiant desperadoes;" all three of them! The citizen militia surrounded the saloon where the Texans were drinking and ordered the herders to leave town. Given the circumstances, the Texans understandably saddled up and headed south.

Once across the tracks the Texans determined to return to "take the town." The Texans dashed into

the town "enacting the old scenes over again." They threatened the lives of the citizens, and swore they had come to take the place. A volley of lead erupted from the army of citizens, unseating Texas Spence just as he turned to fire his pistol. "Junebug" took a bullet but managed to stay in the saddle. After Texas Spence fell to the ground the angry citizens surrounded him and severely beat him. He "passed in his chips" a few hours later.

Junebug was later arrested. Authorities wired Nebraska Governor Robert Furnas for arms, ammunition, and troops to defend the city. But the war was over. There were only two Texans left to threaten the town and they had decided that home sounded pretty good after surviving the great Kearney War on The Way West.

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

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 2003 JD 2210 HST compact utility tractor; JD 210 loader; 62" mower deck, new forks, dozer blade, comfort cover, 1097 hrs.; JD 3 pt. snow blower; King Kutter 3 pt. rototiller; 1998 Chevrolet 3500 4 door pickup; 16' tandem axle car trailer, ramps, winch; 1975 MG convertible car; 2006 Moped LF150T-5, 2 seat scooter; 3 pt. field sprayer; Craftsman 12" band saw; Craftsman radial arm saw; Rockwell-Delta table saw; Master Force tile saw; Skil router table; Alum. step ladders; AC window units; metal shelving; dbl. & single stainless steel sinks; windows; french doors; pallet of ceramic tile; glass blocks; Timber Tech rail system & post caps; Oak lumber; misc. lumber; scaffolding; Colonial 6x8 posts; timber logs; decorative rock; dis-assembled green house; elec. tools; hand tools; bar clamps; 10x20 premium canopy with sides; folding chairs; bar stools; flower pots; Traeger pellet grill; new gas fireplace insert; restaurant chairs; folding tables; propane heater; fans; DeWalt air compressor; travel hitch carrier & cover; hardware; fishing equip.; elec. fence supplies; Craftsman rollaway toolbox; drawer slides; Ryobi cordless tool set; heated dog bed, mat, & bowl; 100# propane bottle; tires & wheels; wheelbarrow; 8-bags of R-15 insulation; woven wire; barn wood; golf clubs; women's left handed golf clubs; shovels; forks; cabinets; 3 tons red brick; power tools; slabs of granite; tents; glassware; old radio; shop vac; jars; roasters; dresser; Cedar chest; King sz. bed set; baking dishes; books; magazines; workout bench; ex. equip.; bikes; animal traps; decorations; lamps; Miller Lite pool table light; cookware; lawn sweep; yard trailer; fert. spreader; shop tables; & more.

JULIE (GARY) BAEHLER, SELLER
VAN SCHMIDT • Auctioneer/Real Estate
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 TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

National Cattlemen's Foundation accepting scholarship applications

The National Cattlemen's Foundation (NCF) is now accepting applications for the 2022-2023 CME Group Beef Industry Scholarship. Ten scholarships of \$1,500 each will be awarded to outstanding students pursuing careers in the beef industry.

Eligible applicants must be graduating high school seniors or full-time undergraduate students enrolled at a two- or four-year institution. The application includes a one-page letter expressing their career goals related to the beef industry and a 750-word essay describing an issue in the beef industry and offering solutions to this problem. The applicant or a family member must be a member of the National Cattlemen's Beef Association.

The application deadline is Nov. 12, 2021, at midnight Central time. For more information and to apply, visit www.nationalcattlemensfoundation.org.

****LAND AUCTION****
TUESDAY, OCTOBER 26, 2021 - 6:00 PM
320+- ACRES MARION COUNTY, KS
AUCTION LOCATION: Lincolnville Community Center, 213 W. 6th, LINCOLNVILLE, KS
PROPERTY ADDRESS: 2849 250th, Lincolnville, Kansas 66858

320+- ACRES * HIGH FUNCTIONING CATTLE FEEDING FACILITY
PIPE PENS, CONCRETE BUNKS, BUILDINGS, GRAIN BINS
TILLABLE FARM GROUND * NATIVE FLINT HILLS PASTURE
*** 3 WATER WELLS * 3 PONDS * SCENIC LOCATION**
*** INVEST IN LAND & AGRICULTURE!**

PROPERTY LOCATION: From Marion, North 6 miles on Hwy. 77 to 250th, East 4 1/2 miles to the property.

SUNDGREN REALTY
 RICK REMSBERG 316.322.5391
 JEREMY SUNDGREN 316.377.0013
 Land Brokers
 Visit our Website for more details: www.sundgren.com

AUCTION
SATURDAY, OCTOBER 30, 2021 - 9:30 AM
1004 East 1600 Rd., LAWRENCE, KANSAS
3 miles South of Lawrence on HWY 59 to 1000 RD. (Dg. 458) turn East 3 miles to Auction! WATCH FOR SIGNS!
Ron & Wendy have moved to town and will offer the following to the highest bidder!

TRUCK, TRACTORS, EQUIPMENT, TOOLS
 1989 Toyota Truck 2wd, auto; John Deere 425 Lawn Tractor 54" deck, gas, hydro, hydraulics; Husqvarna MZ6128 Zero-Turn Mower 61" deck, gas, 28 hp.; Allis Chalmers WD Tractor; AC Snap Cplg.: 2 bottom plow/6 ft. blade/dirt slip/2 rippers; 5 ft. pull-type rotary mower; John Deere ground driven manure spreader w/steel floor (Nice!); 25 ft. portable hay elevator w/electric motor; older pull type 2 bottom plow/3 & 6 ft. discs; 2-section harrow; John Deere 15 lawn dump trailer/42" Lawn Sweep/54" straight blade; Agri-Fab 125 lawn tractor spreader; 54" lawn aerator; Tur-Til 5 hp. rear-tine Tiller; Craftsman 6.75hp. Weed Trimmer; Hvy-Duty 12 sp. Industrial Drill Press; Lincoln AC-180-S Arc Welder; Dyna-Glo Professional Shop Heater; small press; small anvil; scaffolding; Patton Industrial 30" Fan; ATV aluminum ramps; ex. aluminum ladders; Powr-Kraft 10" Radial Arm-Saw; **Ron Loved Collecting Power/Hand Tools with his late brother Don, as it was a competition to who had the most and RON Won by a Long Shot:** Remington/Milwaukee/Craftsman/Skil/Etc., Hammer/Adj. Wrench/Brace Collections, wrenches, sockets, hand saws, screw drivers, log chains; hardware, lawn & garden tools.

FIREARMS (9:30)
 ALL ATF Rules Apply
 KS Residents Only
 Belgium Browning 12 ga. auto w/engraving; Crack Shot 26 .22; 2-Ithaca M-49's .22 lever action; Black Powder 45 cal.; German Mauser Rifle w/scope; Smith-Wesson Escort Model 61-3 .22 Pistol w/box; Astra "Cub" 6.35.25" Pistol; Daisy BB guns; Civil War bayonet; WW II knife w/leather pouch; wooden gun cabinet; Winchester & Kleanbore paper shells & boxes; Ammo: 308/.22/shot gun/9mm/etc.

SELLER: RON & WENDY DALQUEST
AUCTION NOTE: Ron & Wendy have lived 30 years on the Farm Raising Goats & Collecting Various Items! Highlights Only Very Large Auction! 2 Auction Rings Possible! Day of Auction Inspection Only or By Appointment!

Consigned By Neighbor: John Deere 4510 MFWD 4WD Compact Utility Tractor 3 pt., diesel, 540 pt., 12 sp. sync shift, rops, 1100 hrs, ser#LV4510P355787 w/JD 400X Loader 6 ft. bucket, joystick & Weather Comfort Cover, ONE Owner! Very Nice!; 3 pt. Frontier RB1072 6 ft. adj. straight blade.

Due to Covid 19 we are taking precautions for the health and well-being of our Customers & Staff. Out of the abundance of caution and in accordance with local, state, federal guidance/recommendations in place please follow the social distancing while attending. We ask everyone to please do what is best for themselves & if in doubt, please stay home. Thanks for your patronage and cooperation in the New Normal of the Auction Industry! **CONCESSIONS: Worden Church Ladies.**
ELSTON AUCTIONS (785-594-0505) (785-218-7851)
"Serving Your Auction Needs Since 1994"
Please visit us online: www.KansasAuctions.net/elston for 100+ Pictures!

PERSONAL PROPERTY AUCTION
SATURDAY, OCTOBER 30, 2021 — 10:00 AM
LOCATED: 101 & 102 1st Street - HOME CITY, KS. (Follow Signs)

Keller 16' & Werner 28' alum. ext. ladders; Husqvarna self-propelled 22" mower; Craftsman 3200 leaf blower; Husky portable charger; Int. 1/2T pickup stock racks; 1963 Rambler convertible, restorable; grain truck tires; kero heater; mechanics tools; garden tools; old bike; 12V spotlights; 5'x10' vinyl flooring; **Collectibles:** 2 kero lamps; adult & child's rockers; wood chairs; old desk & dresser; wicker night stand; old quilts; doll bed rocker; Raggedy Ann & Andy rocking horse; knick knacks; milk glass; WWII magazines; some older Post, Look & farm magazines; old buttons; old thermometers; wood Coca-Cola signs; cigar boxes; enamelware; labeled tins; old glassware; ceramic animals; peacock decanter; Christmas decor; Army blankets; South-west-style decor; wood wall lantern holders; cast iron skillet; picnic basket; 33 records; **Household:** Washer & dryer; 2 mini fridges; 6' Oak dining table w/6 chairs; 4 metal bar stools; love seat; end tables & coffee table; divan; wood cabinet; kitchen plunger; yarn; lace; picture frames; floor lamp; 2 metal fire pits; wire kitchen racks; sm. kitchen hutch; luggage; 3 desk lamps; wire wine rack; wheeled walker; wood bed frame; hall tree; wine glasses; paper shredder; fondue pot; pasta pans; beverage server; stainless steel buffet server; el. heater; Slimline dashcam; blue light atomizer; knife set; Jet Pool vacuum cleaner; cookbooks; patio end table; kid's card table & chairs; 4 VHS cases; other items. **For Pictures see Websites.**

RON & TARRIE HALLER
 ToolKraft band saw; belt sander; Craftsman router & table; hyd. service station jack; scroll saws; 3 miter saws; old jointer & table saw; 10+ sheets of used tin; open bolt bin; wood planes; clawfooted bath tub; old kitchen wood stove; 2 metal rockers; **Child's saddle; Long Horn saddle;** patio set; **Bar Items:** 7" coin operated pool table; Neon Beer signs, some need work; stainless steel serving items; tables & booths; plates; glasses; walk-in cooler doors; prep table, needs work; 15' bar top from Junes Bar & Grill; office chairs; old refrigerator; **Collectibles:** 130 Lidded Steins; many Budweiser Christmas from 1980 to mid-90s; Bud Man stein; German steins; few signs inc.: Sinclair Pennsylvania sign; 20 pcs. of pewter inc. Ricker - Bartlett Old Lady That Lived in a Shoe figures; iron hitching post; 2 Indy Car whiskey decanters; bird & duck figurines; marbles; motorized cider press; meat grinder; enamelware; apple peeler; cherry pitter; crown cutter; school desk framed plant stand; Pepsi, Coke & Royal Crown crates; 4 Griswold skillets; fireplace mantle; 5' glass display case; Bundy flute; silverplate Pan American Special clarinet; Globe on stand; candleholders; table lamp; 2 youth guitars; Roy Clark style guitar; knick knacks; many other items. **For Pictures see Websites.**

JOE COHORST
www.olmstedrealestate.com • www.marshallcountyrealty.com

Tom Olmsted 785-562-6767	Rob Olmsted 785-353-2210	Jeff Sandstrom 785-562-3788
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TERMS: Cash sale day. Statements sale day take precedence. Sellers & Auctioneers not responsible for accident or theft. **LUNCH SERVED.**

REAL ESTATE AUCTION
MONDAY, NOVEMBER 8, 2021 * 5:30 PM
AUCTION HELD ONSITE: 305 JACKSON - ST. GEORGE, KS
OPEN HOUSE: SUNDAY, OCTOBER 24 * 12-2 PM

DESCRIPTION
 Located in a private, treed lot, this 3 bedroom, 2 bathroom home in St. George offers plenty of opportunities for investors and homeowners alike. The home features newer HVAC and plenty of living space and is ready for the new owner's personal touch!

REAL ESTATE TERMS: Property sells AS IS, WHERE IS. 10% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before December 8, 2021. Buyer needs bank letter of loan approval or funds verification. Cost of Owners Title Policy to be split equally between Buyer and Seller. Buyers are responsible for understanding all regulations and zoning prior to the auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

Check us out on Facebook & Online for more info www.kscrossroads.com www.facebook.com/KScrossroadsauctions

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

LAND AUCTION
76.9 taxable acres m/l located in Marshall County, KS
S30, T01, R10 - St. Bridget Township
SATURDAY, NOVEMBER 13, 2021 — 10:00 AM
Auction Location: Summerfield Community Center, E. Bethal Ave., SUMMERFIELD, KANSAS 66541

PROPERTY ADDRESS: Located at the intersection of 26th Road & Eagle Road, Summerfield, KS 66541.
Directions from Summerfield: 4 1/2 miles South on Hwy 99 then 3/4 mile East on Eagle Road

MARSHALL COUNTY PROPERTY DESCRIPTION:
78.35 total Ag acres more or less
73.38 acres +/- dry crop * 4.97 acres +/- tame grass
This tract provides an excellent location for farming, residing & investing.
Look this property over before the sale!
Contact: PRELL REALTY & AUCTION, LLC
for more details and maps.

For more information & for a copy of the sale bill visit our website at prellrealtyauction.com

SELLERS: ROSELYN RUNGE & CHARLENE VERSCH

PRELL REALTY & AUCTION, LLC
prellrealtyauction.com

Don Prell Assoc. Broker/Auctioneer 785-562-6787	Steve Prell Assoc. Broker/Auctioneer 785-713-2191	Vallery Prell Broker 785-713-1466
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Grass & Grain Area Auctions and Sales

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

Hundreds of auctions, online and in-person. www.kansasauctions.net/gg/

Always great online Equipment auctions — www.purplewave.com

Online Now (Ends October 19, 6 PM CST) — Early Fall Military & Sporting Arms auction consisting of over 900 lots of firearms, ammo, concealed carry & home defense guns, antique & collectible ammo, reloading components, gun books & more at Armsbid.com or Proxibid.com/Kull. Auctioneers: Kull's Old Town Station.

Online Only Auction (bidding closes Oct. 20) — Patio set, Army Camo & supplies, chrome Hobby work bench, household furniture & kitchen items, appliances, primitives & more for Melinda Dixon (Lyons, KS) at hollinger-auction.hibid.com/auctions/current. Auctioneers: Hollinger Online Auctions.

October 19 — Commercial property with tons of potential (previously a restaurant) with concrete patio and parking lot outside held at Ogden for Butler Pizza Company. Auctioneers: Crossroads Real Estate & Auction, LLC.

October 21 — Collectibles, antiques & miscellaneous held at Salina for Auld Lang Syne & Several Dealers. Auctioneers: Triple K Auction & Real Estate.

October 21 — The Chosen Female Hereford sale held at Sanders Ranch, Louisburg (5 PM) for Jensen Brothers.

October 22 — 230 acres m/l of Lyon County land consisting of 1 mile of Neosho River, high quality tillable, rolling hills, pond, large mature trees, utilities available held at Emporia. Auctioneers: Sundgren Realty * Land Brokers, Phillip Solorio & Jeremy Sundgren.

October 22 & 23 — 4-State Draft Horse and Mule sale: Oct. 22 selling carriages, boxwagons, buggies of all kinds, horse drawn farm machinery, show carts, pony wagons, saddles, new & used tack & more; Oct. 23 selling mule & Halfinger teams, crossbreds, Quarter Horses, driving ponies, yearling & weanling colts & more held at Miami, Oklahoma. Auctioneers: Morris Yoder Auction.

October 23 — Vehicles including 2018 Nissan Rogue, 2014 Chevy Silverado Z71, 2004 Volvo, 1979 Honda 10th Ann. Ltd. Ed. motorcycle, household, antiques, tools & outdoor held at Newton for Estate of Kenneth J. McGuire. Auctioneers: Auction Specialists, LLC., Vern Koch & Mike Flavin.

October 23 — Antique furniture, furniture, antiques & collectibles, shop equipment, household, trailer & other items held at Scott City for a Local Estate. Auctioneers: Berning

Auction, Inc.

October 23 — Small Ford 1100 4WD tractor w/hyd. ldr. & small 3 pt. equipment, 16' & 20' enclosed box trailers, concrete yard art Indian statue, collectibles, hunting & camping, household furniture, kitchen items, miscellaneous, mobility chair held at Burlington for Bud Crouch. Auctioneers: Kurtz Auction & Realty Service.

October 23 — (1st of a 2-day auction; 2nd day Oct. 30): Antiques, furniture, primitives, glassware & more held at Manhattan. Auctioneers: Foundation Realty, Morgan Riat.

October 23 — 2003 JD 2210 HST compact utility tractor; JD 210 loader, snow blower, 1998 Chevrolet 3500 pickup, shop & household items, Miller Lite pool table light & more held near Moundridge for Julie (Gary) Baehler. Auctioneers: Van Schmidt Auctions.

October 23 — 296 acres m/l of Chase County Flint Hills land sold in 4 tracts. T1: 78 ac. m/l feed yard/background yard, balance native grass, tame grass, dryland & improvements; T2:180 ac. m/l pasture; T3: 37 ac. m/l potential building site; T4: 2.00 ac. m/l. Also selling equipment after real estate. All held at Cottonwood Falls. Auctioneers: Griffin Real Estate & Auction.

October 23 — Vehicles including 2006 Chevy 1/2 ton pickup, 2004 Chevy van, 2003 Chevy 2500 ext. cab, Yamaha 4x4 4-wheeler & more, trailers, 2007 JD 4320 hydro FWD tractor, greyhound equipment, saddles & more held at Abilene for Flying Eagles Kennel, Vince & Laurita Berland. Auctioneer: Craig Heinen.

October 23 — Real estate consisting of a 2 bedroom, 1 bath home with partial basement & 2-car garage. Also selling approx. 30 guns, boat, freezer, garden equipment, tools & tool boxes & much more held at Salina. Auctioneers: Wilson Realty & Auction Service.

October 23 — Production sale held at Parsons Livestock Market, Parsons for Coal Valley Angus.

October 23 & 24 — selling 10-23: Oil cans, car parts, tools; selling 10-24: Railroad items, trains, collectibles, guns, furniture, Indian artifacts & more held at Salina for Duane Snyder Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

October 24 — Sports collectibles & memorabilia including vintage KU & much more, many radio version records & sets, 100s of records, 100s of books, collectibles, prints, art & more held at Lawrence for Hank & Sue Booth. Auctioneers: Elston Auctions.

October 26 — 320 acres m/l of Marion County land consisting of cattle feeding facility, pipe pens, concrete bunks, buildings, grain bins, tillable farm ground, native Flint Hills pasture, 3 water wells, 3 ponds & more held at Lincolnville. Auctioneers: Sundgren Realty & Land Brokers, Rick Remsberg & Jeremy Sundgren.

October 26 — Land auction consisting of 704

acres m/l of Osborne County land. T1: 347 ac. m/l with 297.9 ac. m/l cropland, 48.1 ac. m/l native grass; T2: 357 ac. m/l native grass pasture; T3: Combination of T1 & T2 held at Osborne for Heirs of Claude & Wendell Woodard. Auctioneers: Midwest Land and Home, Jeff Dankebring, listing broker, Mark Uhlik, broker/auctioneer.

October 27 — Land auction consisting of 1,934.6 acres m/l of Washington County, KS land sold in 5 tracts. Live auction held at Fairbury, Nebraska with Online auction at RanchandFarmAuctions.com. Auctioneers: Ranch & Farm Auctions, LLC., Steve Shaffer, agent.

October 28 — 157.84 acres m/l of tillable Farmland in Ottawa County held at Minneapolis for Trace & Eric Kriehg Shares of the Roy M. Kriehg Jr. Trust. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

October 28 — Older farm machinery, antiques & miscellaneous held Northeast of Abilene for Bill Schwab & Connie Stillwagon. Auctioneers: Kretz Auction Service.

October 28 — 155 acres m/l of cropland, recreational opportunities, 2-story home with 6 bedrooms & more (located in Ramona) held at Lincolnville. Auctioneers: Griffin Real Estate & Auction.

October 30 — New Parts, Repairs & Farm Equipment auction including 1994 Gleaner R72 combine, 1979 Ford CL9000 semi-tractor, farm equipment, new parts & repair items, Pepsi machine & more held near Healy for York Parts & Repair, Curtis York. Auctioneers: Berning Auction, Inc.

October 30 — Collectibles including pocket knives, pie birds, Coca-Cola, jewelry, pottery, glassware, toys, antique tools, advertising, pop bottle collection, arrowheads, railroad watch fobs, sewing crafts, household, paper items & miscellaneous held at Emporia for collectibles of the late Gail Hancock & downsizing estate. Auctioneers: Flint Hills Auction.

October 30 — Shop & lawn tools, collectibles, household for Ron & Tarrie Haller. Toolkraft band saw, other tools, child's saddle; long horn saddle; bar items, collectibles including 130 lidded steins & more for Joe Cohorst held at Home City. Auctioneers: Olmsted & Sandstrom.

October 30 — Real Estate consisting of a 3BR, 1 1/2BA home built in 1900; personal property includes vehicles, shop & household items held at Buhler for Merlyn C. Noble. Auctioneers: Van Schmidt Auction.

October 30 — Over 2000 dolls of all kinds held at Salina for Esther Provost's lifetime doll collection. Auctioneers: Wilson Realty & Auction Service.

October 30 — 135 acres m/l of Nemaha County Land consisting of 131 tillable acres, good access held at Seneca for Alvin & JoAnn Deters Estate. Auctioneers: Seneca Realty, Mike Kuckelman, broker; Dale Wilhelm, sales.

October 30 — Real Estate consisting of an al-

most 2200 sq. ft. home with 2 conforming & 2 non-conforming bedrooms, has 2 1-car garages and sits on a 1/3-acre lot. Also selling personal property including furniture, antiques, collectibles, glassware, tools, yard & miscellaneous at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

October 30 — Real estate consisting of a 4 bedroom home located in central Manhattan; also selling antiques, furniture, primitives & collectibles held at Manhattan. Auctioneers: Foundation Realty, Morgan Riat.

October 30 — Guns, knives, military items, silver, radios & Fiesta held at Salina for Charlie "Chuck" Smith Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

October 30 — 1989 Toyota truck, JD lawn tractor, Husqvarna 0-turn mower, Allis Chalmers WD tractor, equipment, tools, firearms, ammo, collectibles, furniture & miscellaneous held at rural Lawrence for Ron & Wendy Dalquest. Auctioneers: Elston Auctions.

October 30 — Private Treaty Sale consisting of 20 Angus, SimAngus, Red Angus & Hereford Bull Sale held at Frankfort for Cline Cattle Co.

October 30 — Moser Ranch 30th Annual Bull Sale selling 60 SimAngus, Angus & Simmental Bulls. Bid off begins at 11 AM at the ranch, Wheaton.

October 31 — Antiques including furniture, advertising items, toys, 1800s tricycle, 60s Tonka toys, glassware & pottery, crocks, jewelry, lamps, pictures, books, coins & more held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

November 4 — Lyon County Land auction consisting of T1: 320 ac. m/l cropland, CRP, recreational usage; T2: 160 ac. m/l high quality native grass pasture with 4 ponds, upland crop field; T3: 108 ac. m/l warm season native grass pasture with 2 ponds; T4: combination of Tracts 2 and 3 totaling 268 ac. m/l; T5: 320 ac. m/l native grass pasture in big grass country just east of the Chase/Lyon County line held at Olpe for Merry Family Resources, LLC.

Auctioneers: Vaughn-Roth Land Brokers, Henry Ott & Cameron Roth. www.vaughnroth.com

November 5 — 176 acres m/l Decatur County Absolute Land Auction consisting of 104.33 ac. cropland & 55.67 ac. m/l of grass & creek bottom held at Jennings for Chuck Griffith. Auctioneers: Farm & Ranch Realty, Inc., Donald L. Hazlett, broker/auctioneer.

November 5 & 6 — 2-day Guns, ammo, reloading supplies, taxidermy and antiques. Selling Nov. 5: Ammo, reloading inc. bullets, dies, powder, wads, brass, shotgun shells, ammunition, reloading press, antiques & household; selling Nov. 6: Over 200 lots of Shotguns, rifles, hand guns, scopes & more held at Tribune for Melvin & Nadine Cheney. Auctioneers: Berning Auction, Inc.

November 6 — Tractors, truck & machinery, tools, antiques & miscellaneous held near Munden for Don Peters Estate. Auctioneers: Novak Bros. & Gieber.

November 6 — 1969 Chevy El Camino 90% restored, 1995 Monte Carlo

Z34, 1989 1-ton Chevy Dually, 1996 GMC 1/2-ton pickup, 2000 Work Horse step van, 3/4-ton Military 2-wheel trailer, Connex storage container, shop tools, car parts, 34 pallets of cement blocks, restaurant equipment & much more held at Salina for Bruce Koster. Auctioneers: Baxa Auctions, LLC.

November 6 — Tractors including 1983 Case 2090, 1979 JD 4040, IHC B414; trucks & cars, farm machinery & household items, recovered barn wood, lumber, Fiesta, glassware & more held near Moundridge for Bruce & Sarah Regier. Auctioneers: Van Schmidt Auction.

November 6 — Washington County land auction sold in 3 tracts consisting of T1: 160 ac. m/l with 134 acres upland cropland with balance being waterways and hay meadow; T2: 160 ac. m/l with 74 ac. upland cropland with balance native grass pasture with large pond; T3: 6-acre tract is a mix of trees and warm & cool season grasses held at Washington for The Columbus Jones Trust. Auctioneers: Bott Realty & Auction.

November 6 — Irvine Ranch Annual Simmental & SimAngus Sale held at Manhattan selling bulls, bred heifers & cows. For information or catalog contact John Irvine, 785-313-7473.

November 8 — Real Estate auction consisting of a 3 bedroom, 2 bath home on a private, treed lot held at St. George. Auctioneers: Crossroads Real Estate & Auction, LLC.

November 11 — Northern Dickinson County Farmland held at Abilene for Bill Schwab & Connie Stillwagon. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

November 12 (Live Event with Online bidding starting November 8) — Simultaneous Live & Online Land Auction consisting of 635.42 acres m/l of Washington County land offered in three tracts. 320.05 ac. m/l tillable, 44.79 ac. m/l hay, 234.71 ac. m/l pasture & wildlife habitat & more (located northwest of Morrowville) held live at Morrowville and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent & Matt Dowell, AFM/agent; Van Schmidt, auctioneer.

November 13 — 76.9 acres m/l located in Marshall County consisting of 73.38 ac. dryland & 4.97 ac. m/l tame grass held at Summerfield for Roselyn Runge & Charlene Versch. Auctioneers: Prell Realty & Auction, LLC.

November 13 — Real Estate & personal property consisting of a ranch-style home on 15 acres, full basement, 4 bedrooms, 3 baths built in 2005, metal shed, shop, wood storage shed, lots of trees with nice pond. Also selling many guns & ammo, 1958 IH tractor, 2020 Yamaha ATV 450, JD riding mower, antiques & collectibles held at Walton for John R. & Ruth Peters. Auctioneers: Gary Hill, listing agent, Berkshire Hathaway Home Services; Wade Brubacher, auctioneer.

November 17 (Live Event with Online bidding starting November 12) — Simultaneous Live & Online Land Auction consisting of 146.06 acres m/l of Franklin County

land consisting of 133.29 tillable acres & timber for recreational use (located southeast of Overbrook) held live at Overbrook and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent & Jason Langston, agent; Van Schmidt, auctioneer.

November 18 — 252 acres m/l of irrigated land in Republic County consisting of T1: 168.57 ac. m/l farmland & 88.6 ac. irrigated acres; T2: Homesite (5BR, 3BA ranch-style home) with 11 ac. m/l; T3: 77.1 ac. m/l farmland held at Scandia for Glada M. Isaacson Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring, listing broker, Mark Uhlik, broker/auctioneer.

November 18 — 144 acres m/l of Pottawatomie County Native Grass land held at Onaga for Jolea Matzke. Auctioneers: Murray Auction & Realty.

November 18 — 363.34 acres of Clay County Farmland & Pasture held north of Green for Lois Lippert Revocable Living Trust. Auctioneers: Clay County Real Estate, Greg Kretz, salesman & auctioneer.

November 19 (Live Event with Online bidding starting November 15) — Simultaneous Live & Online Land Auction consisting of 640 acres m/l Butler County land: Flint Hills grass, excellent fences, large pond, windmill and steel corrals (located west of Cassoday) held live at Cottonwood Falls and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; Van Schmidt, auctioneer.

November 20 — 220 acres m/l of Republic County Land consisting of T1: 76.1 ac. m/l with 64.17 ac. m/l DCP cropland acres; T2: 144.4 ac. m/l with 109 ac. m/l CDP cropland acres held at Belleville for Alfred & Phyllis Havel Trust. Online & phone bidding available: www.MidwestLandandHome.com. Auctioneers: Midwest Land and Home, Mark Uhlik, listing broker; Jeff Dankenbring, broker.

November 20 — Farm auction held at rural Eudora. Auctioneers: Elston Auctions.

November 26 & 27 — Large 2-day Collectible Toy Auction including toy farm machinery & tractors, construction toys, cars & pickups held at Blaine for Victor & Pat Olson Collection. Auctioneers: Cline Realty & Auction, LLC.

November 27 — Farm Reorganization auction held at rural Berryton for Rocking H Ranch, Mark & Brenna Wulfkuehle. Auctioneers: Elston Auctions.

December 1 (Live Event with Online bidding starting November 24) — Simultaneous Live & Online Land Auction consisting of 159.5 ac. m/l of Brown County land with excellent farm in Irving Township and very nice shaded pond for recreation held live at Hiawatha and online at www.FNCBid.com. Auctioneers: Farmers National Company, Fred Olsen, AFM/agent; Van Schmidt, auctioneer.

December 4 — St. James Catholic Church Consignment Auction consisting of farm & construction equipment, vehicles, hay, farm supplies, hedge posts, livestock equipment & more held at Wetmore. To consign, contact Bill Burdick, Ron Burdick.

2-DAY AUCTION

SATURDAY, OCTOBER 23 & SUNDAY, OCTOBER 24, 2021
9:30 AM BOTH DAYS

Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds, 900 Greeley, SALINA, KS

SELLING SATURDAY:
OIL CANS, CAR PARTS, TOOLS

Quart oil cans collection inc: (Riley Bros, Double Eagle, Blue Velvet, Hyvis, Kendal, Quaker State, Falcon, Swift, Royal Triton, Wolfs Head, Derby, Coop, Phillips, Skelly, Conoco, Tydol, Gulf, DX, Champlin, Pennzoil, Hudson, Husky, Dities Service, Cato, others); 5 gal. oil cans; car & tractor emblems; hood ornaments; car tags; tractor name plates; tractor & car books & manuals; car ads & calendars; spark plugs; spark plug tester; large assortment of wrenches; sockets; stack tool box; new Craftsman bench grinder; Poulan chain saw; ladders; snow blower; Craftsman lawn mower; antique wrenches; blow torches; saws; knives; storage units; yard tools; weed eater; car items & tools.

NOTE: This is a very large auction on both days. Check our website for pictures at www.thummelauction.com. Duane collected for many years and has a large collection of everything. Both days will be very large, we may run 2 auctions on Sunday.

DUANE SNYDER ESTATE

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

SELLING SUNDAY:
RAILROAD ITEMS, TRAINS, COLLECTIBLES, GUNS, FURNITURE,

INDIAN ARTIFACTS

Guns: Winchester 12 ga. model 1200; Mossberg 22 LR model 351 CB; Ivar Johnson 410 Champion; Hunter Arms LC Smith number 00 double barrel coach 12 ga; J Stevens Arms & Tool double barrel coach 12ga.; Winchester 22 S/L model 1906 pump; ammo; shot; reloading equipment; Pacific shotgun loader; gun cabinet; gun cleaners; blue rock & thrower; fishing poles; **INDIAN ARTIFACTS:** collection of arrow heads; pipes; points; found around Calvary campsites; oak commode; teacher desk; Singer treadle sewing machine; oak dresser; child's high chair; **Electric trains** HO, O27-cars & engines inc. 4004, buildings & other; tin trains; railroad date

nails; 200 railroad calendars 1954-1995; telegraph key; time tables; switch lantern; telegraph key; UP ticket display; UP Steam Line train picture; railroad books; UP 1869-1969 paper; 30 boxes unopened model airplanes, ships, jeeps, military equip; Barbie dolls (Barbie, Skipper, Skooter, Midge, Ricky, Allan); Barbie toys & clothes; games; 45 & 78 records; 60s record player; baseball cards; Brett Favre card; large pen & pencil collection White House, baseball, World's Fair many other; elephant collection; tobacco, coffee & cigarette tin collection; lighter collection; glass; Pepsi tray; Metz banks; radios; razors; knives; marbles; mantel clock; electric guitar & amp; cherry pitter; insulators; pop bottles; post cards; Post & Look magazines; **large collection of other items.**

AUCTION

SATURDAY, OCTOBER 30, 2021 — 10:00 AM

Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds, 900 Greeley, SALINA, KS

GUNS, MILITARY, SILVER, RADIOS & FIESTA

Guns: sell first at 10:00: 1. Long rifle; 2. US Model 1870 US Springfield 50-70 trap door; 3. US Springfield musket trap door; 4. US Springfield Army model 1903 Mark I; 5. Marlin Firearms 44 W 1889 patent; 6. US Model SF 1917 Winchester 30-06; 7. Mossberg 22 LR US Property; 8. Winchester Model of 1883 45-70 bolt; 9. US Remington Model 03-A3; A. fuerges Amadas de Vanegueta 7mm; B. US Model 1917 30-06; C. Model 98 Nazi; D 8 MM Mauser; D. Stevens 10 ga single shot; E. Harpers Ferry US Model 1860 single shot; **Knives & Bayonets; check pictures;** NRA Centennial Colt BB pistol 1971 single action revolver; Browning gun belt; **Military:** US Army knapsacks, tools, ammo belts, leggings, pick axes, shovels, knives, helmet (many items from WWII); cartridge cases; first aid kits; sleeping bag;

canteen belts; axes; canvas water pails; ammunition; backpacks; duffel bags; shells; US bayonets; pins; ribbons; Army plate; overcoats; raincoats; ammo pouches; WWII gas mask w/hose & case; WWII mess kits; German steel pot helmet netting & emblems; brass emblems; pins; ribbons; medals; patches; **WWII** flashlight; trench scope; leggings; German parade helmet; bayonets; knives; bolo knife; 1916 shell boxes; trench periscope; doughboy helmets; US Navy & US Marine knives; bayonets; Australian camo hat; Army issue thermometers; many office hats all military branches; gun cleaning rod & kits; military coats all branches; class A's, Navy pea coats, arctic fur lined parkas & gloves; USAF fur lined jackets & coats, sweater; gun manuals & publications; canteens; gun stock; handuffs; survival knives; USAF flashlight; McCellan military saddle w/ stirrups; US padlocks; infan-

try book; Colt firearms book; Cavalry spur; leather holsters, gun stocks, saddle bags, leather pouches, satchel, gun cases & holsters, knife holders, saddle soap; US silverware; Cavalry saddle; Statue of Liberty oval picture; **70+ radios inc:** new Airline 62-50 in box; coin operated radio; 4 sets sterling flatware; sterling candle holders; Westminster 1st day cover book; candle stick telephone; Keen Kutter flatware; Kutmaster knives; oval glass Statue of Liberty picture; Cyrus Coobb's framed Daniel Webster, Abraham Lincoln; Harlequin pieces; LuRay inc: covered casserole; Hall, Hull & Paden; Fiesta inc: syrup pitchers, disc pitchers; tea pots; coffee pots; covered individual casserole; ash tray; Percy Dunbar's cook book; peacock vase in box, carafe, platters, serving plates; Coca Cola tray; Peanuts lunch box; Fire King; Westinghouse refrigerator dishes; coins; **assortment of other items.**

NOTE: Another of Chuck Smith collections. Check our web site for pictures, gun list, knife list, coins at www.thummelauction.com.

CHARLIE "CHUCK" SMITH ESTATE

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



BAXTER BLACK

ON THE EDGE OF COMMON SENSE

Boot Camp

Do you ever give much thought to where your weaner steers and heifers go when you load 'em on the truck or take 'em to the sale?

You think maybe it's

like goin' off to college? Stay in the dormitory, have a nice roommate who doesn't bawl or stay up all night talking about the cute Charolais they met in the cafeteria.

Maybe join a fraternity or sorority, Milka Dama Cow. Play intramural head butting, horn wrestling or pin the tail on the Holstein? They can learn a foreign language like Corriente, Water Buffalo or Emu. And eventually graduate Phi Beta Moo and go on to Hi Concentrate Feedlot Graduate School, attaining a Ph.D. in Hi Choice. Sounds idyllic, doesn't it? Just like you imagine for your own kid going off to college. But the feedlot hands are reading

this dreamy scenario like a drill sergeant listening to an Army recruiting ad: "Be all that you can be."

A growing yard or feedlot is more like boot camp. No hallowed halls of ivy here. Does the name Powder River, WW or Bowman ring a bell? Indoctrination for recruits involves standing in line for hours, being shouted at and vaccinated for things you can't pronounce. Sound familiar? The intimate dormitory sleeps 260.

Courses studied in-

clude Feed Ingredient Identification, Cowboy Outer Wear, Mud 101 and 102, and Hot Shot Evasion. Sports that are available for participation are Intramural Pneumonia, Find the Water Tank, Coughing Practice and Long Distance Diarrhea.

Within a month the successful recruits are moved up to a better class of grub from the mess hall kitchen and are left alone. So when you watch yer little weaners scamper on the

truck with the untroubled mind of a high school graduate, remember their next few weeks are not gonna be easy.

But you can be comforted in the fact that almost all of them will get through boot camp and most of them will achieve knight-hood; as in Sir Loin.

Whereas the most a weaner chicken can hope for is colonel.

www.baxterblack.com

LAND AUCTION

SATURDAY, NOVEMBER 20, 2021 — 10:00 AM
Belleville 4-H Building — BELLEVILLE, KANSAS

220± ACRES REPUBLIC COUNTY LAND
TRACT 1 FSA INFO: Total Acres: 76.1±; DCP Cropland Acres: 64.17±. A good dryland farm with potential for more cropland acres. TRACT 2 FSA INFO: Total Acres: 144.4±; DCP Cropland Acres: 109. Gently rolling dryland farm with 40 ac. m/l in native grass pasture. 40x60 equipment storage shed. Properties are on good gravel/rock roads with easy access. Contact Mark Uhlik - Listing Broker - Cell: 785.747.8568

ALFRED & PHYLLIS HAVEL TRUST, SELLER

Download our Midwest Land & Home App On your Apple or Android and get registered to BID TODAY!

Watch Upcoming Grass & Grain's For Details! For a VIRTUAL TOUR of this property visit www.MidwestLandandHome.com

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Mark Uhlik - Listing Broker - 785.325.2740
Jeff Dankenbring - Broker - 785.562.8386
www.MidwestLandandHome.com
When you want the Best, Call Midwest!

IRRIGATED LAND AUCTION

THURSDAY, NOVEMBER 18, 2021 — 6:00 PM
Scandia Community Center — SCANDIA, KANSAS

252± ACRES REPUBLIC COUNTY, KS LAND
TRACT 1: (Featuring 88.6 Irrigated Acres)
FSA INFORMATION: • 168.57 Farmland Acres
TRACT 2: Homesite with 11± Acres. 5BR, 3BA home
TRACT 3: FSA INFORMATION: • 77.11 Farmland Acres

GLADA M. ISAACSON TRUST, SELLER

Download our Midwest Land & Home App On your Device and get registered to BID TODAY!

Watch Upcoming Issues of Grass & Grain for Details. For a VIRTUAL TOUR of these GREAT Properties visit www.MidwestLandandHome.com

To stay up to date on auctions and listings LIKE our Facebook page Midwest Land and Home.

ONLINE & PHONE Bidding Available - Register NOW!

Jeff Dankenbring - Listing Broker - 785.562.8386
Mark Uhlik - Broker/Auctioneer
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Kansas Farm Bureau Campaign School accepting registrations

Kansas Farm Bureau's Campaign School is accepting registrations for a two-day strategy session on Feb. 9-10 to train current and future office-holders, campaign managers and volunteer leaders on how to mount a successful campaign.

This nonpartisan, unbiased program offers in-depth instruction from national political experts on topics like media relations, public speaking, fundraising and more. Kansas Farm Bureau (KFB) Campaign School was designed to give potential candidates a solid foundation as they seek elected office. It also offers incumbents an opportunity to enhance their campaign skills.

"If you're thinking about running for state legislature, school board, county commission or other public office, KFB's Campaign School can teach you the nuts and bolts of organizing and executing a winning campaign," KFB Chief Strategy Officer Joel Leftwich says. "This program has had repeated success across the nation, with nearly 80 percent of participants involved in winning campaigns."

Farm Bureau members of Kansas can attend for \$250 and nonmembers can join for \$300. If you'd like to become a Farm Bureau member, visit www.kfb.org/join. The program is limited to 20 participants. For more information about KFB's Campaign School and to register, visit www.kfb.org/CampaignSchool.

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 2306 & 130 HOGS.
BUTCHER HOG TOP ON MONDAY WAS \$55.00

STEERS		30 red	Hope	919@155.50
400-500	\$170.00 - \$180.00	6 blk	Junction City	920@155.00
500-600	\$170.00 - \$180.00	7 blk	Junction City	976@144.50
600-700	\$156.00 - \$167.50			
700-800	\$151.00 - \$163.00			
800-900	\$154.00 - \$163.60			
900-1,000	\$145.00 - \$156.10			
HEIFERS				
300-400	\$156.00 - \$164.00	3 blk	Newton	393@164.00
400-500	\$140.00 - \$150.00	4 mix	Durham	731@153.00
500-600	\$140.00 - \$152.50	13 blk	Salina	545@152.50
600-700	\$141.00 - \$151.00	56 mix	Hunter	746@151.35
700-800	\$142.00 - \$153.00	6 blk	Brookville	679@151.00
800-900	\$140.00 - \$149.00	4 blk	Salina	481@151.00
		6 blk	Hillsboro	470@150.00
		6 blk	Carlton	584@150.00
		6 blk	Carlton	672@150.00
		35 mix	Salina	665@150.00
		4 blk	Junction City	811@149.00
		3 red	Salina	512@148.00
		7 red	Lindsborg	709@147.50
		16 blk	Gypsum	641@147.00
		10 blk	Douglas	639@147.00
		17 mix	Douglas	534@146.00
		5 mix	Wilson	718@145.00
		22 mix	Douglas	595@145.00
		15 blk	Haven	791@140.50

THURSDAY, OCTOBER 14, 2021

STEERS

3 blk	Hillsboro	508@180.00
3 blk	Newton	472@180.00
11 blk	Douglas	530@178.00
25 blk	Douglas	562@175.00
3 mix	Claffin	590@173.00
10 blk	Carlton	672@167.50
3 mix	Canton	643@166.00
7 blk	Carlton	597@166.00
8 blk	Claffin	692@165.00
27 mix	Douglas	641@164.00
62 blk	Clifton	811@163.60
68 mix	Clifton	720@163.00
59 blk	Hope	831@162.50
58 blk	Hope	871@162.50
33 mix	Hope	781@162.00
63 mix	Hope	875@160.60
58 blk	Hope	881@160.25
6 blk	Claffin	785@160.00
16 blk	Haven	790@159.50
62 mix	Abilene	877@159.25
20 blk	Abilene	771@158.50
10 blk	Bennington	889@157.50
64 blk	Hope	845@156.25
57 mix	Durham	865@156.25
65 mix	Abilene	907@156.10
8 blk	Bennington	815@156.00
120 mix	Hope	918@155.75
7 blk	McPherson	851@155.50

MONDAY, OCTOBER 11, 2021

SOWS

6 wht	Abilene	552@53.75
4 wht	Abilene	536@53.25
6 wht	Abilene	548@52.75
6 wht	Abilene	559@52.50
7 wht	Abilene	483@52.25
1 wht	Burdick	545@52.00

HOGS

12 mix	Lincolnvale	298@55.00
2 mix	Moundridge	340@55.00
8 mix	Lincolnvale	296@54.00
12 mix	Moundridge	284@54.00
9 mix	Pawnee Rock	274@54.00

CALVES

4 mix	Salina	221@425.00
7 mix	Salina	263@400.00
2 blk	Salina	185@350.00
1 blk	Brookville	150@285.00
1 bwf	Wells	90@210.00
1 red	Minneapolis	100@210.00
1 blk	Salina	75@210.00

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

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

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

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

CATTLE USA.com LIVE CATTLE AUCTIONS

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

COWS		2 blk	Miltonvale	1410@71.00
1 blk	Minneapolis	1 blk	Lincoln	1430@70.00
1 blk	Lincoln			
3 blk	Topeka			
1 blk	Geneseo	1 blk	Ada	2280@102.00
5 blk	Durham	1 red	Minneapolis	2325@99.50
2 blk	Salina	1 blk	Lost Springs	2365@99.50
6 mix	Miltonvale	1 blk	Geneseo	1990@98.50
1 blk	Brookville	1 blk	Lost Springs	2430@94.50
4 mix	Lindsborg	1 blk	Ada	2315@94.00
2 blk	Salina	1 blk	Lehigh	1610@93.50
1 blk	Miltonvale	1 bwf	Salina	1930@91.00
1 blk	Topeka	1 red	Minneapolis	2010@89.00
1 blk	Assaria	1 blk	Salina	1880@87.00

EARLY CONSIGNMENTS FOR THURSDAY, OCTOBER 21, 2021

- 160 charX s&h 450-650
- 96 blk s&h 650-750 home raised/long weaned/off grass
- 21 blk/bwf str 750-800 long weaned/off grass/all native

PLUS MORE BY SALE TIME.

EARLY CONSIGNMENTS FOR TUESDAY, OCTOBER 26, 2021 CALF SALE

35 blk/red s&h 450-650, 25 blk s&h 500-650 weaned 45 days, 35 blk s&h 500-600 green garden or wolf creek sired, 85 blk s&h 500-600 green garden sired, 25 mostly blk s&h 500-600 fall vacc, 165 blk s&h 550-700 fall vacc/no implants, 80 blk s&h 500-650 knife cut, 135 charX/blk s&h 500-600 fall vacc/no implants, 20 blk str 550-650 fall vacc, 45 blk str 500-600 fall vacc, 120 mostly blk s&h 500-600 fall vacc, 180 red/charX str 550-650 ltw/ 2 rnd vacc, 160 blk s&h 550-650 fall vacc/no implants/ hfrs replacement quality, 150 s&h 500-700 fall vacc, 45 s&h 500-600 fall vacc, 55 s&h 650-700 home raised/knife cut/red angus sired, 145 red angus s&h 400-550 fall vacc AI sired, 40 blk charX s&h 450-600 fall vacc some weaned

PLUS MORE BY SALE TIME.

UPCOMING SPECIAL SALES:

All Sales are on Tuesday at 11 AM

SPECIAL COW SALES: Tuesday, Nov. 16 • Tuesday, Dec. 21

SPECIAL CALF SALES: Tuesday, Oct. 26 • Tuesday, Nov. 2 • Tuesday, Nov. 9

WEANED/VACC SALES: Tuesday, December 7

IN STOCK TODAY:

- Heavy Duty Round Bale Feeders
- 42' ROUND BALE DUMP TRAILERS

For Information or estimates, contact:

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

Jim Crowther 785-254-7385 Roxbury, KS	Lisa Long 620-553-2351 Ellsworth, KS	Cody Schafer 620-381-1050 Durham, KS	Kenny Briscoe 785-658-7386 Lincoln, KS	Kevin Henke H: 785-729-3473, C: 785-565-3525 Agenda, KS	Austin Rathbun 785-531-0042 Ellsworth, KS
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Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM - MON-FRI * 880 KRVN 8:40 AM - WED-THURS. *550AM KFRR - 8:00 am, Wed.-Thurs.

Check our listings each week on our website at www.fandrive.com