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Agronomy contest reaches 6K students across Kansas

By Lucas Shivers

Move over, Jack! Willie and the Beanstalk soybean growing contest, a play on the popular fairy tale, encourages kids interested in raising the biggest soybean plants over the next 40 days to participate in an annual contest with a new option for remote judging.

"The original purpose encouraged K-12 students to experience all of the science and different aspects that go into crop production with factors like soil, lighting, nutrients, temperature and water," said Nathan Nelson, K-State professor in soil fertility & nutrient management.

The Willie and the Beanstalk contest started back in 2008 and has been completed nearly every year since, except 2021 due to COVID.

"Students gain a better understanding and appreciation for the challenges faced with growing annual plants like soybeans for high growth and production," Nelson said. "Over the years, we've seen advisors, teachers and project leaders from FFA or 4-H help students get plants bigger as everyone learns the factors to get everything right with soil, nutrients and light."

Contest Purpose

For the past 15 years, the soybean competition for Kansas K-12 students builds interest in the agronomy field and increases knowledge of soybean development.

"It's all of the things we maybe take for granted," Nelson said. "We want to develop a contest to help primary and high school students to have hands-on experiences to grow a plant and try to maximize production."

The contest proves to be a valuable teaching tool as it allows students to



Students from Moundridge FFA who competed in the contest in 2017 with advisor Shad Marston.

Courtesy photos



The 2018 Grand Champion team from Ellinwood FFA with Michael Dimmitt, Gage Hosman and Nathan Ringwald.

plant their own soybeans, then watch them grow and document the progress the plant has made.

"From the very beginning, we've had lots of interest in younger students so we have multiple divisions with K-8 and 9-12 grades," Nelson said. "We have a lot of science and

ag teachers throughout the state who have participated with more than 6,053 total students over the years."

The data and documentation helps explain the outcomes and growth factors.

"Students also do a great job of explaining



Libby Nelson from Woodrow Wilson Grade School in Manhattan finished her soybean at home during COVID with advisor Josh Runyan.

experimental design and grow as many as they can to bring the biggest one to the contest," Nelson said. "Some students do a great job with various methods."

Biggest Bean

Overall, the contest determines who can grow the biggest soybean plant in a 40-day period. Judging takes place on April 1, 2023 in-person at the



Finishing plants during COVID, Isom Marston, Moundridge FFA, shows his project under advisor Shad Marston.

K-State Manhattan campus or students can choose remote judging.

"Students grow the plants within 40 days to grow the latest soybean plant they can. We score them in different areas of growth with tallest, biggest leaf, greenest leaf, heaviest and more," Nelson said. "Students also document everything to grow the plants. We show them how to measure each of these factors with experience to evaluate plant growth."

The entire contest is a teaching opportunity, where youth can investigate plant genetics, nutrition, growth, soil properties and environmental factors that come together to produce the largest soybean plant. Participants also get a free t-shirt from the Kansas Soybean Commission.

New Remote Options

The 2023 Willie and the Beanstalk competition can be remote or in person as part of the 2023 All University Open House.

"Our largest student sign-up was back in the spring of 2020," Nelson said. "But COVID and travel restrictions made it difficult to finish that year. As

a result, we couldn't bring everyone to campus so we found some methods to finish the contest on their own as best they could."

Last year in 2022, the contest was back in full swing with campus events. However, Nelson found that transportation to get to Manhattan was still an issue preventing some students from participating in the contest.

"So this coming year, we're removing one more obstacle, students don't need to bring plants to campus to finish the contest," Nelson said. "This coming year, we're open again, and we've added the opportunity for full participation across the state."

Find more at beanstalk.agronomy.ksu.edu or email beanstalk@ksu.edu. More at twitter.com/BeanstalkWillie and www.facebook.com/profile.php?id=100068069269773. Note that the registration deadline is Monday, Feb. 20, 2023.

"We want students to also know about more agronomy and careers in the field to know what they can learn down the road as a possible university student," Nelson said.

Topeka Farm Show and Kansas Soybean Expo draw producers to the Capital City



Kansas Soybean Association president Teresa Brandenburg, center, chaired the luncheon meeting during the Kansas Soybean Expo on January 11 in Topeka. Watch for further coverage of the Expo in next week's edition of *Grass & Grain*.

Photos by Donna Sullivan

Correction:

Last week's cover story about the app created by Blake Chance incorrectly referred to it as Agriculture 360. The name of the app is actually Agri-Tour 360 and it can be downloaded from App Store and Google Play.



Comedian C. Willi Myles kept the audience laughing as he described being an 18-year-old boy from Alabama heading off to college in Minnesota and all the challenges that came with the vastly different climate he encountered.



Tradexpos once again hosted the 2023 Topeka Farm Show, which drew a large crowd over the three days to the Stormont Vail Event Center to visit the large number of exhibitors.



Creating Memories and Leaders

By Jackie Mundt, Pratt County farmer and rancher

Greetings from Puerto Rico! I am writing from San Juan where the American Farm Bureau Federation convention is taking place.

Even though this is my first trip to Puerto Rico, I am a pretty regular world traveler with a well-established comfort zone and love for the adventures of new places. This trip has been extra fun for me because I am sharing it with three girls from the local collegiate Farm Bureau chapter at Pratt Community College.

National events like this are great for professional development. The weekend has been jam-packed with big-name keynote speakers, educational workshops, a tradeshow full of potential employers and the chance to network with Kansas Farm Bureau leaders. Over the last few years, I am proud to have worked with our county Farm Bureau board to make trips like this happen for our student members. Providing travel opportunities is invaluable for the development of life and leadership skills.

An equally valuable part of these trips are all of the lessons in “adulting” that come from traveling, often for the first time, without family. Even students who have previously traveled are often forced to pay attention to their surroundings, learn how to navigate airports and cities, and how to problem-solve in an unfamiliar place.

There have been many exciting firsts among the students this trip: first flights over the ocean, first time seeing the ocean and

a whole lot of new fun experiences like tasting local cuisine, night kayaking complete with glow-in-the-dark face paint, an excursion to a natural waterfall in the rain forest, and a trip to Disney World on the way back.

Seeing travel through their youthful eyes has reminded me of the wonder, joy and laughter that come from new adventures. These experiences are instilling in our students a desire to step outside their comfort zones and take risks, to learn about places and cultures different from their own.

It is rewarding to see the students getting excited about all the ways they can get involved in our organization in the future, demonstrate a high level of professionalism and service through their volunteer roles at the event, and have meaningful interactions with people who have lots of great life experience to share.

As an advisor, I am thrilled when people on the trip compliment our collegiate students for showing interest, dressing sharp, acting respectfully, and being helpful. Those affirmations are showing the students how to build solid reputations and be a standout which will serve them well in their professional lives.

The lessons of this trip are like pebbles causing ripples in the water. The students will share their memories with family, peers and groups like our county Farm Bureau board, but the impact will be bigger than that. The growth will continue and influence their perspectives for years to come.

My excitement for the

doors being opened to my students is a bit nostalgic as travel has served as a big part of my own story. I was once young and inexperienced, too, until organizations in my community and industry made investments in me that changed my life and made me into the person I am today.

Travel is powerful at any age but it can be direction-altering for our young people to help learn who they are and who they want to become. I urge to you to look for ways to encourage and support young people in your family or community to travel. Your support might be the key that opens the door for a great future leader.

“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.

New regulations will make weed management more complex in 2023

Producers should prepare for more complexity in herbicide requirements and registrations in 2023 and beyond, says University of Missouri Extension weed scientist Kevin Bradley.

The Environmental Protection Agency has proposed changes to atrazine labels that would have great impact, says Bradley. Atrazine is an effective and inexpensive herbicide used to kill broadleaf and grassy weeds in the majority of Missouri corn and sorghum crops.

EPA says its five proposed changes to atrazine labels would decrease atrazine runoff from treated fields. Revisions would restrict annual application rates, application timing based on precipitation and soil saturation and would prohibit all aerial applications. Growers could choose a “picklist” combination of measures when using atrazine in certain watersheds.



Last week I got to do one of my favorite things about this job – spend a day and a half in our booth at the Topeka Farm Show. I love farm shows and the opportunity they provide to visit face to face with a large number of you, our readers. They also give you a chance to provide us with feedback about the paper, and that is extremely valuable to us. Each week we do our best to provide you with useful information and entertaining features. But unless we hear from you, we can’t be sure we’re hitting the mark. So, thank you for taking time to stop and visit with us. And even more than that, thank you for subscribing.

On page 9 of this week’s issue, we are giving our readers another way to let us know what you think. There is an ad with a QR code which you can scan with your phone and it will take you to a survey about the paper. Filling it out will enter you in a drawing for a prize. Scanning the QR code is easy – the camera on your phone will do all the work. If you don’t have the ability to do that, contact us and we will send you a paper copy of the survey.

2023 is in full swing with lots of farm meetings, shows and seminars scheduled. Hopefully I’ll see you at some of them. Be sure to come up and say hello. Until then, take care and God bless. And always know that we appreciate you.

threatened species and their habitats and must assess a pesticide’s potential for drift, leaching, runoff and volatility exposures.

Bradley says there are currently more than 16,000 species on the EPA’s endangered species list. One species that is not on the list yet is the monarch butterfly, Bradley says. In July 2022, this migratory butterfly gained a spot on the Red List of Threatened Species maintained by the International Union for Conservation of Nature, an environmental network whose members represent 160 countries. If moved to EPA’s list, it could have a significant impact on the use of weed management tools in the U.S.

The Endangered Species Act considers only the harmful effects of weed

management options, Bradley says. It does not weigh the benefits of pesticide use.

Because of increasing regulations, it is important to follow labels and regulations precisely, he says. Follow integrated management practices that don’t rely on a single mode of action.

Approach herbicides as one tool in your weed management toolbox, not a “be-all,” says Bradley. As technology evolves, expect more benefits and more complex regulations.

Follow weed management updates at weed-science.missouri.edu, Mizzou Weed Science on Facebook or @ShowMeWeeds on Twitter. Contact Bradley at bradleyke@missouri.edu or 573-882-4039.

Final Cowpokes Cartoon



By Tatum Brunkow

Well, it’s that time where my dad is gone for the American Farm Bureau Annual Convention in Puerto Rico, and I am home doing chores again. I am getting up early and feeding the livestock, looking for new baby lambs late at night in the cold, and any odd jobs that my father has not completed that I can do. The mornings are long, cold and tiring; however, this year my mom decided to stay home and help me with chores, so to be truthful I am not alone or working as hard as I may have let on. I am not sure if she passed up the opportunity to go to Puerto Rico to spend more time with me or because she had no desire to travel there, I am telling myself that she could not pass up the opportunity for a girls’ week. But once again, do not worry, Glenn will be back next week with even more dust on the dashboard; why he does not clean his dashboard is beyond me.

Since receiving my bachelor’s degree and now working on my master’s degree I have had more time to think about my future. If you know me, you know that I love the agricultural industry much like my father. I love advocating for an industry of hard-working men and women that represent the way of life I grew up with. However, unlike my father I am not sure if feeding cows and growing crops all day is the path for me. I am not saying that I do not want anything to do with production agriculture at all, but it won’t be my whole career. I certainly will always want to be a part of my family’s operation and contribute in any way possible but what I want to do with my life is to help and protect farmers and ranchers like my father and many of his readers. After internships and professional experiences I have had over the years, I have been able to see the different ways in which producers can be assisted or impacted by regulations, weather, and black swan events. My goal is to work to protect the inter-

ests of those who work to feed, fuel and clothe us.

Now, before you stop reading this because you think that I am arguing in favor of politicians and lobbyists, I want you to assure you that is not the objective of this. I will, however, argue that what producers do every single day to provide for our nation and others is the most commendable career a person can have. What you as a producer do is work in some of the worst conditions making sure that your livestock is taken care of in freezing temperatures or tend your fields in the hottest of weather. Sometimes I am sure you ask yourself why you do this, nobody cares, but I am here to tell you that you do matter and what you are doing is making a difference.

Growing up over the years I have seen the struggles that my parents have faced on our operation, and I know that those are also struggles that many of you have seen, too. Farming and ranching is tough and it comes with its up and downs. It takes strong and determined individuals to live this lifestyle and I commend you for all that you do. It is sad that many do not understand the hard work and dedication it takes to farm and ranch. Even with the toil that is put in by producers there are others that work to belittle or oppose producers. However, with these struggles and hardships, you work so hard to produce for so many that do not appreciate all your hard work. I am so thankful that I was able to grow up and watch my grandfather and my father work long hours on our operation and instill a sense of pride and appreciate of the agricultural industry in me.

So as I feed cattle and sheep again this week playing full-time Glenn Brunkow I will think of all of you all that are putting in the long tiring hours that sometimes repeat very rewarding benefits and sometimes give you your lowest lows. I appreciate all that America’s producers do and will continue to be grateful and work to advocate for their way of life.

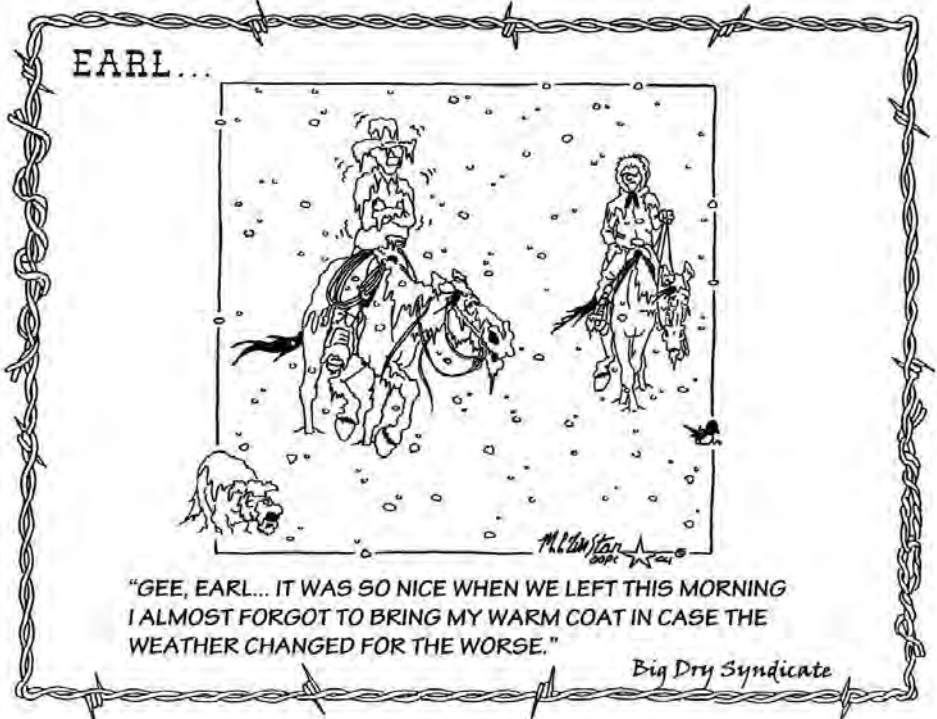


This week marks an end of an era for *Grass & Grain*, along with many other publications. It features the final *Cowpokes* cartoon by Ace Reid.

Madge Reid, the widow of Ace, announced in mid-December that she had made the difficult decision to begin the retirement process for the *Cowpokes* cartoons. She had kept the cartoons going since her husband’s death in 1991.

At one time *Cowpokes* appeared in more than 400 weekly newspapers across the United States. Reid also produced books and calendars. He was once described by a critic as a “Texas pen-and-ink Will Rogers,” according to an article by the Texas State Historical Association.

We will miss *Cowpokes*, but wish Madge and her family all the best in retirement.



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China's soybean import volumes might have already passed their peak

A new Rabobank report projects that China's soybean imports will slow down and eventually decline through 2030 as a result of slower livestock production growth, continuous improvement in farming practices, and, more importantly, widespread adoption of a low-soymeal inclusion ratio in feed formulas nationwide.

China is the world's largest soybean importer, accounting for over 60% of global trade, with soybean imports mainly driven by crushing for feed production. Therefore, future imports will primarily be influenced by the outlook for feed demand and the soymeal inclusion rate in feed rations. "We expect that Chinese feed consumption will maintain low-single-digit growth. However, the inclusion rate of soymeal in feed rations is projected to drop, as the Chinese government is launching a soymeal reduction campaign aimed at lowering the dependence on imported soybeans to ensure food security," reports Lief Chiang, Senior Analyst – Grains & Oilseeds at Rabobank.

Lower soymeal use reduces imports, increases opportunities

The reduction of soymeal inclusion in feed will also create opportunities for startups to develop new technologies and novel ingredients. "In a low-soymeal inclusion scenario, extra use of amino acids will be necessary to meet the nutritional needs of animals," explains Chenjun Pan, senior analyst – animal protein at Rabobank. Chinese amino acid players will benefit,

but rising domestic demand might compromise producers' ability to export and prompt foreign buyers to diversify their supply chains.

Low-soymeal inclusion formulas will also bring opportunities to other feed ingredient manufacturers. For example, enzyme application will rise along with rising use of alternative protein meals, as alternative protein meals require more enzymes to improve nutrient absorption and reduce anti-nutritional factors. Additionally, there are a number of startups focusing on novel feed protein sources, such as insect and microbial proteins. In the long run, these novel proteins will make positive contributions toward saving natural resources and reducing carbon emissions. However, as most of them are still in the development stage, there is high uncertainty about the timeline to achieve commercial viability in China.

Global trade flows will be reshaped

The projected slowdown and eventual reduction in China's soybean imports will have profound impacts on the entire global supply chain and reshape global trade flows. It will challenge all participants along the chain, including growers, trade merchants, soybean crushers, livestock farmers, feed mills, and feed ingredient manufacturers. "While China will remain the largest importer, additional growth will shift from China to other regions and mainly be driven by emerging economies in the Middle East, South-east Asia, and South Asia.

Merchants will need to realign their business for new destination markets and increase infrastructure investment in these regions," notes Chiang.

Moreover, global soymeal trade volume is projected to increase at a fast pace. Driven by rising biofuel demand, the US and Brazil are expected to expand their crushing capacities and process more beans domestically, keeping more soy oil for local use and exporting increasing volumes of soymeal. This will benefit integrated merchants, especially those with crushing plants in the Americas.

Other variables will impact imports

While soymeal inclusion in feed is the largest determinant of China's soybean imports, other variables may also impact soybean import projections. "Rising domestic soybean production and direct soymeal imports would further lower the import forecast, while state stock buying would lift import quantities in some years," explains Chiang. "The government puts a high emphasis on food security, so it might encourage imports or conduct stock buying to replenish state reserves as a buffer against various risks like adverse weather, supply chain disruptions, geopolitical tensions, natural disasters, etc. Complex economic relationships might also lead to state purchases to balance trade accounts," says Chiang. "Though additional government procurement will temporarily increase import projections in some years, the impact would be short-term."

The interest in land rental rates

By David Hallauer, Meadowlark District Extension agent, crops and soils/horticulture
I've referenced the KSU Ag Economics site (www.agmanager.info) many times in this space over the years – and for good reason. It's a great resource when it comes to all things economics as related to agriculture, covering topics like budgets, ag policy, and many others.

One of the most popular topics at the site is land rental rates. In fact, in 2022, the Land Rental Rates page (<https://agmanager.info/farm-management/land-rental-rates>) was the most visited page on the site. Part of that stems from that vast array of information available there, from lease rates to rental forms, plus many, many, many presentations on ag lease topics. Part of it is because leases and land rental rates are huge line items in most ag production budgets, accounting for over 15 percent of total costs in our KFMA corn production budgets and close to 25 percent of total soybean costs. In short, getting the 'right' rental rate is an important part of the budget for both landlords and tenants. If you haven't checked out the rental rates page at the AgManager site, it's a great resource.

Want to dig deeper in to land leasing strategies? Consider a four-part workshop in January and February entitled The Power of Negotiation and Communication, Land Leasing Strategies for Midwestern Ag Women. Don't let the title scare you. This series will provide useful information for landlord or tenant, man or woman, less experienced or more experienced, with topics including lease agreement basics, landlord/tenant relations, and how conservation practices may play a role in lease agreements. Registration (\$50/person payable at the door) is due January 13th. See a flyer at www.agmanager.info/events or contact any Meadowlark Extension District Office. Huge thanks to the Jackson County Farm Bureau for their generous sponsorship of this program.

Eastern Kansas Weed Schools to be held in Jan.

K-State Research and Extension Frontier District will be partnering with the Southwind and Wildcat Districts to present the Eastern Kansas Weed Schools. They will be a series of Crops and Pasture Presentation Workshops. Topics will include "Time-ly Tips for Corn and Soybean Weed Management" and "Successful Control of Broomsedge and Pasture Weeds." Presenters will include Dr. Sarah Lancaster, Weed Management Specialist and Dr. Bruno Pedreira, Forage and Crop specialist, both of K-State Research and Extension. Three different locations

will be offered with the same material being offered in each location.

Dates are:

January 23rd, Ottawa, Neosho County Community College, 7-9 p.m.

January 24th, Bronson, Bronson Public Library, 7-9 a.m.

January 24th, Parsons, SE Research and Extension Center, 11:30 am- 1:30 p.m.

(note: Jan 23rd in Ottawa is in the evening, Jan 24th in Bronson is in the morning)

The program is free, but registration is required to determine meal count. Please register at <https://>

tinyurl.com/EKWS2023. Questions and concerns can be directed to Frontier District Extension agent Ryan Schaub at 785-448-6826 or reschaub@ksu.edu.

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By
Kelsey
Pagel

My Latest Interest

I'm kind of a squirrel when it comes to learning new things, but have I told you about my latest learning interest — freshly milled flour? I bought a Wondermill this summer, but with farm work, didn't have a lot of chances to play with it until this winter. The idea is that whole wheat berries have 40 of the 44 essential nutrients necessary for life. Commercially milled flour has the bran and germ removed from the wheat berry, leaving the endosperm, the least nutritious part. It is then enriched to make up the loss of these. The bran layer protects the berry from oxidation and when it is broken, the flour is subject to spoil much quicker. That's why commercial flour millers have to take these parts out before milling so they can produce a shelf-stable product. In doing so, a lot of the nutritional benefits are removed from flour.

I'm a bread person; I love it. I'm also a busy farmer and wife. We eat sandwiches most days for lunch on the go. I'm trying to eliminate buying bread and lunchmeat from the grocery store this year. We always have a freezer full of beef and pork, I want to use those more efficiently. This means that in order to have fresh milled sandwich bread, it has to be quick and easy so I can make in just a few minutes a day. I'm still perfecting that recipe. The thing about baking and experimenting is most things are edible, maybe not pretty, but edible.

When I started this milling process, I bought 3- to 5-pound bags of wheat through a Washington company. It was expensive, but I wasn't sure I was ready to commit to bulk wheat berries. I'm no expert, but I've learned to research what wheat is good for what use. Hard red and hard white are good for yeast breads. Soft white is good for cakes and pastry options. A combination of multiple wheat berries is best.

Since I've decided that I'm committed and found a sandwich recipe that is doable in our lifestyle, I've been shopping around for bulk wheat berries. One wouldn't think it would be so hard (especially considering the amount of wheat farmers I know)! I've found the most economical option, by far!, is Azure. So I've decided to place an order at the end of the month.

I have 50-pound bags each of hard red, hard white and soft white. I have 25-pound bags each of barley and spelt. While I'm ordering I decided to get 25 pounds of rolled oats (we go through a bunch with the protein/cookie dough bites I make) and a pound of yeast. The order isn't due until the end of the month so who knows what I might end up with by then.

If you're interested in ordering, be careful of being

sucked in by the assumption that bulk is always cheaper. I've been price checking with my regular shopping places and am surprised that some items are cheaper at Azure, some by far, some by a little, and some items are cheaper at my regular stores. But also, like I tell Matt when he wants to buy something cheap, it doesn't matter how cheap it is if you're not going to use it (or store it properly in terms of food). If you don't need it, you don't need it no matter the price!

I was going through my order with Matt. He was unaware that we mixed different kinds of wheat berries so his first question was why so many different kinds. The second statement was there was no way we're going to go through that much before our own wheat is ready (I'm so excited to mill our own wheat that we're growing)! So the farmer in me picked up my pencil. We worked through it. If I continue baking as much as I am now, I'm not ordering enough (this is really just sandwich bread. I'm baking about 3, one-pound loaves each week for the sandwiches we go through in a week)! I first told him I would have to take a pickup to pick up our order. I've now told him I need not only a pickup, but a trailer as well. He took my phone away at that point.

My point in all this is two things. One — whether you're interested in fresh milled wheat or not, the farming lifestyle is incredibly stressful; you need a stress release in some form or another. Milling wheat and baking bread is my current form of stress relief. Who cares if it only lasts a little while? It's bringing me immense joy in this time. Find that thing for you. Find something that brings you joy and makes you think about things other than how stressful life is. And two — when I started, I had a billion questions and only a couple people that I personally knew that milled wheat. I felt bad asking them all the questions all the time. If you're interested, send me a message. I will answer all the questions. No need to feel bad! I'm excited you're interested and want to help you get started right!

Like I sign off almost all of these columns, grace and patience. I've had to remind myself of this through this milling journey. Grace and patience. It doesn't have to be perfect to be better.

This is a recipe from *Cooking with Sheeran* for Artisan Style Bread. I know it's

technically not supposed to be sandwich bread, but I've found it works great. And it's so hands-off; I can mix it together in five minutes in the morning, leave it to proof, and bake it at night. Hands-on is about 10-15 minutes total depending on how much kneading I do.

3 1/2 cups all-purpose flour (or your fresh milled flour)

2 teaspoons salt

1/2 teaspoon instant dry yeast (I use active dry yeast. Sometimes I remember to proof it before mixing, sometimes I don't. It works both ways with as long as rise time as this is) 1 3/4 cups warm water (105-110 degrees)

If using active dry yeast, mix the yeast with the water. You can add a little bit of sugar or honey to give the yeast something to eat, but I rarely do. Let it proof for 5-10 minutes. This is normally what I do first, then mill the flour, then put it all together. If using instant yeast, mix the flour, salt and yeast together, pour the water in to form a dough.

Cover. Let proof at room temperature for 5-8 hours.

When ready to bake, preheat oven to 425 degrees. Put your empty Dutch oven or Pullman pan in the oven for 30 minutes (I normally cheat and start the oven and put the pan in at the same time and start the 30 minutes then, instead of waiting until the oven is preheated to start the 30 minutes). While your pan is heating up, knead your bread to form a nice dough and form your loaf. Put your dough in the pan and bake for 30 minutes. Then pull the lid off and cook for another 5-10 more minutes to brown your loaf.

She has a really nice video that explains this much better; just search Cooking with Sheeran, Artisan Style Bread. One last thing, then I'll climb off my soapbox of fresh milled flour; this bread is going to look and taste different than store-bought. It's supposed to! You're now getting 40 out of the 44 nutrients you need! Don't expect it to taste like the white bread you're used to. It's delicious, just in a different way! Let me know if you try it and remember, grace and patience!

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

Will Your Recipe Rise To The Top? National Festival Of Breads Opens Entries For The 2023 Virtual Contest



chine may be used.

Wholesome and Healthy. Revamp an old family recipe, heirloom recipe or a tried-and-true favorite using healthier ingredients. Explain why it is healthy.

Go Nuts. Create a yeast bread or roll recipe incorporating nuts in the dough or filling.

Say Cheese. Submit your original yeast bread or roll recipe using your favorite cheese(s).

The overall Best of Breads champion will be announced virtually on June 1, 2023. Each category winner will receive a baking bundle prize package and the overall champion will receive \$1,000. A People's Choice winner will also be selected from the category winners by online voters and will receive an additional prize package.

That's the nuts and bolts, but what makes a winning recipe? Here are a few tips from Falk to help you earn a spot in the nation's premier bread baking contest.

1. Recipes must be an original yeast bread or roll recipe. The possibilities are endless — try adding new flavor combinations (especially nuts and cheese this year!), change the appearance, explore your heritage or dig into those treasured old cookbooks to update a family favorite with modern or healthier options.

2. While the contest does award artistic flair,

make sure your recipe follows the official rules to rise to the top. For example, the contest requires using at least 75% wheat flour, and the remaining amount may be other flour, which offers many options to mix up your recipe. Each recipe should also make one or more loaves of bread or at least one dozen rolls.

3. Accuracy is important, so proofread your recipe for every detail. Make sure you have provided the list of ingredients in the order that they will be used and have given accurate and concise step-by-step directions. Double-check measurements — including that they follow U.S. measurement standards (cup, tablespoon, teaspoon, etc.) — and do not forget the temperature of liquids like water or milk.

4. When you have tested and re-tested your recipe in your kitchen, show off that beautiful loaf or roll. A photograph is required with your entry; luckily taking a photo with your cell phone is a snap. Cut at least one slice or roll to show the inside and outside of your entry — this is also required.

Looking for more tips for a successful recipe submission? Check out <https://festivalofbreads.com/tips/>. Find more information on the 2023 National Festival of Breads, check out previous winners, and submit your original recipe and photo at festivalofbreads.com.

*Written by Julia Debes for Kansas Wheat
For audio version, visit ksuwheat.com*

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Whiskey Falls

My little sister-in-law went horse-crazy as a teen and bought a colt one year. She knew I'd break it for her, which was easy enough. He was a "cowy" son-of-a-gun, and a real looker, too – solid Sorrel and very athletic, although not overly muscular. After she decided she needed a car worse than a horse, she asked me if I'd buy him, and since I knew the horse, of course I agreed.

She had named him "Whiskey Sours" as he was the color of aged bourbon, and I had started him. I just called him "Whiskey."

I rode him every chance I got that first year because he needed the experience, and if you've followed this column long enough, he was the colt I was riding in my story "The Ghost of Jesse James."

Whiskey hadn't been exposed to a lot of brush riding, or rugged landscape either, for that matter. I had ridden him either in the corral, a disc-plowed field, or fairly easy pasture while getting him started, and my in-laws farmed in the sandy flats of the Kansas River Valley, which was the only place li'l sis rode him.

One day we had a bull get loose and he was last seen southeast of the headquarters along Spring Creek, just north of Aiken Switch road. So I saddled up and went looking for him. I trotted up the lane and down the railroad tracks, dropped off and followed the creek, looking for signs of a bull.

It was pretty dry; just a little water in a few holes here and there. We followed along the stony creek bed hoping to find some manure or tracks. There was a game trail heading up out of the creek on the high side, so I thought I'd ride along the top for a while, maybe catching sight of a track in the edge of the timber while still able to keep an eye in the creek bed, where I really suspected he would be on this warm day.

As I headed Whiskey up out of the creek bed, I noticed a large sprawling gooseberry bush close to the top of the high bank that crowded the trail a bit, but there was no clear passage around the bush except to stay on the trail which hugged close to the edge, too close. If you're

familiar with these Kansas creeks, you know that just because there is grass and scrub growth right up to the edge of a creek bank, it doesn't mean there is anything solid underneath, and more often than not, that edge is probably undercut at least a foot and maybe two, and is going to cave off from under anything heavier than a squirrel.

Well, ol' Whiskey was yet unwise to these pitfalls, and try as I might to coax him to brush past the gooseberry bramble as close as he could, he insisted on giving that horse-eating vega-thorny monster a wide berth. Wider than the ground we had available! The ground elevation above the stony-bottomed creek bed I would guess to have been 12 to 15 feet. Add another eight feet – my eye level – and that drop looked like a very painful distance away.

If the horse had stuck to the trail and got brushed by the thorny bush, we'd have been just fine, but just as we got there he sidestepped off the trail toward the edge. You guessed it. Whiskey falls. And I am along for the excitement!

I had been leaning just a little to my right, away from the creek bank, and that is what saved me. As Whiskey broke through the overhanging edge, he naturally peeled out from under me, my right foot still firmly seated in its stirrup and my left foot slipping smoothly out of that stirrup, and over the

saddle until both knees were resting on his right side as his left side hit the ground. I was in that kneeling position on top of my horse, who had just free-fallen 15 feet onto stony ground. His wind escaped his body in a "whoosh" that I can still imagine, and he lay still.

I stepped off him, reins still in hand, waiting for the sudden flounder of flying feet and legs to get himself up.

Nothing.

Now I was getting concerned, and thinking "Great, I just spent \$500 for a dead horse," just as he gasped and groaned, but still no attempt to get up. He gasped again, and started breathing more regularly. I crept up to where I could see his exposed eye better. He rolled it up at me, and continued to lay there and breathe for a few more seconds, and finally rolled up on his belly, tucked his legs in under him and pushed himself up.

After a quick examination of his feet, legs and his entire left side, I led him around for a few steps to see if he was hurt. He was a bit addled but otherwise fine, my saddle was fine, and thankfully, so was I!

Kirk Sours is a ranch manager in northeast Kansas, shaped and molded by the Kansas prairie since the age of eight. His major hobby is writing commentary, short biographical stories, and he is active in the community. Email him at: sours.kirk@yahoo.com.

Lambing and kidding reminders

By Ross Mosteller, Meadowlark District Extension agent, livestock and natural resources

I had a conversation recently with a local sheep producer, who was showing me a live link camera from his lambing barn on his phone. This got me thinking about how nice that would be calving heifers for me personally, but also served as a reminder that many lambs and kids are being born now. North Carolina State has an excellent publication that serves as the reference today, found on the web for more information at: <https://content.ces.ncsu.edu/lambing-and-kidding-cheat-sheet-for-beginning-small-ruminant-producers>

Survival of newborn lambs and kids is key to the economic viability of the operation. During the period surrounding lambing and kidding, understanding and identifying normal versus abnormal behavior and physiology and knowing when to assist are essential to newborn survival, a healthy start to life, and productive individuals in the future. One of the most important references should be your veterinarian's contact information, as they should be your go-to in times of concern. Trusted, experienced, mentors are great contacts as well.

Facilities: Housing areas must be dry and well ventilated. Bedding should be kept fresh and replaced as needed to keep the environment dry and free of excessive manure buildup. Good ventilation is essential, but it is important to minimize unwanted drafts. Temperature should be monitored to prevent condensation and ensure an environment unfavorable to pathogen development. Excessive heat can be more detrimental than cooler environments.

Essential Equipment: It is important to be stocked with equipment BEFORE lambing and kidding season starts. Some of the basic items include: gloves, antimicrobial soap, halter, dry towels, heat lamp, OB lube, lamb/kid pullers (head and/or leg snares), thermometer, syringes and needles, prolapse retainer and harness, vitamin supplements, tube feeder, nursing bottle, stored colostrum, ear tagger and an Elastrator, to mention just a few.

Birth Process: Lambs or kids are delivered front feet first with head between the front legs just above the knees. Within 30 minutes of water bag delivery, feet should appear. Following the feet, delivery should proceed without much delay. Allow ewe or doe to complete the lambing process in the location she has chosen. In the case of multiple births, do not disturb unless necessary until all lambs and kids are born. Moving her will delay the birthing process for subsequent lambs or kids.

Recognizing and Addressing Dystocia: Dystocia is a general term used to describe an abnormal or difficult birth. Common dystocia issues include: abnormally long birth time, head or shoulder lock, leg back, or breech deliveries. Fluids during delivery should be clear or have a slight yellow tint. A dark yellow or brown coloration indicates a stressful delivery. More than 30 minutes without progress means the ewe or doe likely needs assistance.

There is much more that can be discussed pre-birth, post-birth, processing newborns and early life care, but for today will refer interested individuals to the publication mentioned above. Educating or refreshing on these processes before the season starts can prove to be invaluable. Good luck to everyone lambing and kidding, here's to no more below zero wind chills!



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Ag Tech - April 18th

DEADLINES:

Crop Production & Protection - February 8th, before Noon

Farm Building - February 22nd, before Noon

Equifest (BOGO) - March 1st, before Noon

Salina Farm Show (BOGO) - March 8th, before Noon

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It has been a good week for history.

Last week, I wrote about the Missouri River ferry, the *Tom Brierly*. It is gratifying to know that the folks at *Grass and Grain* really do read my column and Kevin Macy messaged me to say that he had found some more information about the storied boat.

It began plying the Missouri River between Weston, Missouri, and Leavenworth, Kansas, in 1857. Advertisements boasted it could carry 100 head of cattle.

Well, Kevin was inspired and found references to the *Tom Brierly's* being iron-plated to withstand the guerrilla activities that plagued the Kansas/Missouri border. Then he found accounts of the boat's sinking in March, 1868, with a quote in the St. Louis newspaper that said this ferry "made people swear more than any other ferry in the United States."

Thank you, Kevin! While I was researching, I actually found that Thomas Brierly was a riverboat captain who settled in St. Joseph, Missouri, and I am guessing the darned ferry

was named in his honor though I have not found confirmation.

Keep the cards and letters coming!

Last Sunday, I joined friends at Zion Lutheran Church in Downs, Kansas, for a big announcement from Ken Spurgeon and Fall River Productions:

A film adaptation of the book, *Sod and Stubble*, by John Ise with Von Rothenberger, is set to go into production summer/fall of 2023. It is a pioneer classic written in the 1930s by John Ise, a long-time economics professor at the University of Kansas. Ise wrote the book with the help of the remembrances of his mother, Rosa Ise.

In the 1990s, Von Rothenberger added over 150 pages of additional text and a new edition was released by the University Press of Kansas. The feature film by the same name will be produced by Fall River Productions, Andover, Kansas.

Written and directed by Ken Spurgeon, the production will be filmed near Downs, Kansas; Wichita, Kansas; and Lawrence, Kansas.

For more information, go to www.sodandstubble.com.

As I have managed to insinuate myself in nearly every project Ken has done, I am proud to serve as a producer on this film. It is an outstanding group of producers and investors, and the cast is shaping up to be truly stellar. There is also a *Sod and Stubble* Facebook page so you can follow the project's progress.

Around Kansas is going through lots of transitions and is a little behind because I was ill most of December and a few days into the new year. I am playing catch-up, but good things are happening! Follow us on Facebook and on our brand new YouTube channel, Around Kansas. We have also begun two new blogs: aroundkansas.blogspot.com and adastraeating.blogspot.com. We will share some of the news and events shared in our segments but hopefully will be able to flesh out many stories.

Thank you all for your support and please support our sponsors including: Mittens/Western Kansas Wildlife Travel Center, the Santa Fe Trail Association, the Fort Wallace Museum, and Grass and Grain.

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

K-State plans workshops to support locally grown foods in Kansas

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

Kansas State University will be hosting workshops in three Kansas locations to help the state's meat, poultry and egg producers capitalize on growing demand for those products.

The Kansas Local Meat Marketing workshops are scheduled for Feb. 3 in Wichita, Feb. 24 in Olathe, and March 3 in Parsons. Each session will run from 10 a.m. to 3 p.m. and will cover the following topics:

- Licensing and regulations: What you need to know.
- Marketing strategies and best practices.
- Panel discussion (local producers and processors).

Registration is available online at tinyurl.com/LocalMeatKSU. The cost to attend is \$20, and includes lunch of locally grown foods.

"These workshops are aimed at producers wanting to capitalize on the opportunities at hand," said Margit Kaltenekker, the agriculture and natural resources agent for K-State Research and Extension's office in Douglas County.

Kaltenekker said local foods have been a growing sector the past ten to

20 years, amounting to an estimated \$9.1 billion in sales nationally.

"Disruptions of our local and regional supply chains during the pandemic that are still lingering have fueled consumers' increased demand for locally grown foods, and highlighted the importance of rebuilding our internal infrastructure for a more resilient food system," she said.

In 2022, The Nielsen Company reported that 46% of Americans prioritize locally grown food, and 70% are willing to pay more for it. Nielsen also found that this demand crosses all demographic groups, though Millennial (ages 23-38) and Gen Z (ages 8-23) groups are especially interested in sourcing local foods.

"The licensing and regulation of selling meat, poultry or eggs direct to consumers can be a confusing and complicated matter for those just beginning direct-to-consumer sales," said Aaron Hyland, an agriculture and natural resources agent in K-State Research and Extension's Rawlins County office.

"But those regulations are important to know before you even begin this process because things like your choice of processor, and even the size of

your operation can affect what and how you are able to sell those products."

Kaltenekker said farm communities have historically been built on the interdependency within local and regional economies. Selling locally grown foods provides an economic benefit within the community, as well as providing products that are fresh and healthy, with fewer environmental impacts.

"Revitalizing our rural communities is crucial for our collective prosperity," she said. "Providing a means for more producers to access local markets is what these workshops are all about."

More information about the workshop is available by contacting Erica Blair by email, elblair@ksu.edu, or at local Extension offices in Kansas.

The workshops are hosted by K-State's Local Foods Transdisciplinary Team, and sponsored by the Kansas Sustainable Agriculture Research and Education (SARE) program, Walton's, Frontier Farm Credit, Allen County Farm Bureau, Neosho County Farm Bureau, Sedgwick County Farm Bureau, Johnson County Farm Bureau, Kansas Farmers Union, and the Kansas Rural Center.

Corteva named one of America's Most Responsible Companies for 2023

Corteva, Inc. was recently named one of the Most Responsible Companies in America by Newsweek magazine and global research and data firm Statista. Corteva ranked 25 on the list of 500 companies, which are graded on Environmental Concerns, Social Concerns and Governance Concerns.

Of the 55 Materials and Chemicals companies included, the most of any industry on the list, Corteva was ranked fourth. This is the first time Corteva has been included in the four-year history of the Newsweek Most Responsible Companies in America rankings.

"I am so proud of the work Corteva colleagues have done to earn a place on Newsweek's list of America's Most Responsible Companies 2023," said Corteva Agriculture senior vice president, chief technology and digital officer Sam Eathington. "It's an honor that reflects the commitment we have to our employees, customers, agriculture and the planet."

Corteva was also named to Just Capital's list of Most Just Companies of 2022, coming in at 217 of the nearly 1,000 companies included and number ten in the Food, Beverage and Tobacco industry rankings. Corteva in-

creased its ranking by more than 400 spots year-over-year in the Just Companies list, which grades corporations by how it invests in its employees, supports its communities, treats its customers, whether it prioritizes good governance and how it minimizes environmental impact.

Corteva's 2021 Sustainability and Environmental, Social and Governance (ESG) report highlights the company's continued transparency efforts and outlines how Corteva's sustainable innovations can drive progress toward a more resilient agriculture ecosystem.



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Local Food Producers Conference offers knowledge and networking for area growers

All specialty crop growers, from the urban home-steader to the commercial producer, will find topics to educate and inspire at the Local Food Producers Conference, scheduled for Saturday, February 4th, 8:45 a.m. to 4:00 p.m., at the K-State Research and Extension office in Wichita. Whether you are just getting started with growing fruits and vegetables or experienced in growing and selling, we invite you

to join us! From opportunities for learning from experienced growers to making new connections in our food system, there will be something for everyone.

The conference will feature two keynote speakers. The morning speaker, Tom Ruggieri of Fair Share Farm, will discuss What is Value? as he shares the addition of value-added products to their farm business. Tom will talk about the many val-

ues added to agricultural products that can be inherent, but invisible to the consumer. From soil building and sequestering carbon, to creating biodiversity, to improving water and air quality in the farm's community, these values are especially important in helping to create a truly sustainable food system. The afternoon speaker, Dr. Megan Kennelly, K-State professor of Plant Pathology, will walk through the

steps involved in Plant Health Problem Solving to help all fruit and vegetable growers have better success in managing plant problems and diseases.

In addition, a variety of breakout sessions are being offered, including:

- Re-envisioning food systems and community partnerships with Common Ground Mobile Market (Donna Pearson McClish)
- Getting Started with

High Tunnels & Season Extension Structures (Dr. Cary Rivard)

- Soil health in high tunnels (Dr. Cary Rivard)
- Fruit tree variety and rootstock selection (Gabe Spurgeon)
- 20 Years of Change at Fair Share Farm (Tom Ruggieri)
- Strawberry production and profits: testing a combination production system (Jonathan Conard)
- ICT Local Food Part-

nerships and Connections Networking and Resource Session

- Growing Culinary Mushrooms (Pam Paulsen)
- Registration includes lunch and is \$20 through Friday, January 27, 2023. After that date, registration will be \$25 per person. Registration closes on Thursday, February 2, 2023.

Call 316-660-0100 to register by phone.

USDA announces major program improvements, progress, and investments to benefit farmers, ranchers and producers

At the American Farm Bureau Federation annual convention, Agriculture Secretary Tom Vilsack announced several major developments at the U.S. Department of Agriculture that will benefit farmers, ranchers and producers across the nation.

"At USDA, our goal is to provide all farmers, including new and underserved producers, with the opportunity to receive the assistance they need to continue farming, to build and maintain their competitive-edge, and to access more, new, and better markets," said Vilsack, who spoke at the convention. "Working together we can ensure American agriculture is as resilient as ever and will do so by implementing a holistic approach to emergency assistance, by lowering input costs through investments in domestic fertilizer production, and by promoting competition in agricultural markets."

Secretary Vilsack announced that USDA con-

tinues to make progress in the following areas by:

- Assisting producers facing high input costs to access domestic, innovative fertilizer capacity.
- Improving risk protection for underserved producers.
- Investing in new choices and meat processing capacity for livestock producers.
- Providing relief for producers impacted by disaster and the pandemic.

USDA moving forward with Fertilizer Production Expansion Program; publishes comments on importance of increased competition

USDA will soon begin accepting public comments on environmental and related aspects of 21 potentially viable projects to increase fertilizer production across the United States totaling up to \$88 million. These applicants have requested grant funding through the first round of the Department's newly established Fertilizer Production Ex-

pansion Program. Investing in projects to increase fertilizer production will bring production and jobs back to the United States, promote competition and support American goods and services.

The Department is considering fertilizer production projects in Alabama, Arizona, Colorado, Florida, Iowa, Louisiana, Massachusetts, Minnesota, Missouri, Montana, Ohio, Oregon, Texas, Washington, and Wisconsin. In response to prior feedback requesting more time for public comment on the environmental and related impact of USDA-funded projects, USDA is seeking comments from the public on the following questions and projects pertaining to the National Environmental Policy Act of 1969 (NEPA) and Section 106 of the National Historic Preservation Act of 1966 (NHPA). The 30-day public comment period will close February 8, 2023. Additional information is available at www.rd.usda.gov/fpep-environmental-review-comments.

The Fertilizer Production Expansion Program is part of a whole-of-government effort to promote competition in agricultural markets. USDA has also released a summary of the comments received through a Request For Information on Access to Fertilizer: Competition and Supply Chain Concerns, which highlights the variety of concerns about the limited competition and dependence of foreign sources for significant amounts of fertilizer.

Improving risk protec-

tion for beginning, veteran, limited resource and minority producers

The Noninsured Crop Disaster Assistance Program (NAP) provides financial assistance to producers of non-insurable crops when low yields, loss of inventory or prevented planting occur due to natural disasters. There is a Congressionally mandated fee waiver for basic coverage for underserved producers. However, a previous set of procedures and regulations created a paperwork burden that stood in the way of many producers taking advantage of the basic coverage option. The recent rule removes barriers and establishes procedures through which an underserved producer with a CCC-860, socially disadvantaged, limited resource, beginning and veteran farmer or rancher certification, on file prior to the applicable NAP application closing date will automatically receive basic coverage for any NAP-eligible crops they plant. Underserved producers on file for 2022 will also receive retroactive basic coverage. Like all other covered producers, underserved producers will still need to file a notice of loss and apply for benefits.

In addition to the basic catastrophic level coverage under NAP, producers can buy-up higher levels of coverage by paying a premium. Underserved producers receive a 50 percent discount on any premiums. Producers who are interested in obtaining NAP coverage for 2023 should also contact their local FSA county office for information on eligibility, coverage options and applying for coverage. FSA also plans to target outreach to previous producers of NAP-eligible crops to ensure these producers are aware of their options. For more information, reference our NAP fact sheet.

USDA making more investments in meat and poultry processing
USDA is investing

more than \$12 million to expand independent meat and poultry processing capacity in Ohio, Michigan and Minnesota. Vilsack announced that Meat and Poultry Processing Expansion Program grants will help fund the following projects:

- In Ohio, International Food Solutions Inc. is receiving \$9,575,250 to help redevelop and expand a vacant building in Cleveland into a plant with the capacity to process 60 million pounds of poultry. The expansion will include cold and dry storage and two processing lines. The project will create 227 good-paying jobs. International Food Solutions is a woman- and minority-owned business that has produced thousands of prepared meals for K-12 students receiving free and reduced-price school meals.

- In Michigan, grower-owned cooperative Michigan Turkey Producers is receiving \$1,531,204 to help upgrade the hot water system, wastewater treatment facilities and refrigerated trailers to accommodate an expansion at its plant in Grand Rapids. With recent automation upgrades and the continuing expansion made possible by the grant, the plant will be able to add a shift and double its processing capacity to 10 million turkeys annually. The additional capacity also will allow the plant to provide backup for other facilities of similar size in neighboring states.

- In Minnesota, Benson + Turner Foods Inc. is receiving \$962,954 to build a 6,788-square-foot cattle and hog processing plant on the White Earth Indian Reservation and storefront near Waubun. The grant will help the company achieve its goal of building a sustainable business that benefits the local economy by using locally grown livestock and providing new opportunities for producers to market their products by providing USDA-certified processing for them.

This is in addition to recent announcements of \$74 million in 22 MPPEP projects, \$75 million in grants through the Meat and Poultry Intermediary Lending Program, \$3.9 million in Value Added Producer Grants, and \$5.7 million in Food Supply Chain Loan Guarantees, all supporting meat and poultry processing. These programs are a few of the suite of programs facilitating investment in meat and poultry processing.

New programs to fill gaps in 2020/2021 natural disaster assistance (Emergency Relief Program (ERP) Phase 2) and 2020 Pandemic Assistance (pandemic assistance revenue program (PARP))

USDA is announcing two new programs that wrap up and fill remaining gaps in previous natural disaster and pandemic assistance. To be eligible for ERP Phase Two, producers must have suffered a decrease in allowable gross revenue in 2020 or 2021 due to necessary expenses related to losses of eligible crops from a qualifying natural disaster event. Assistance will be primarily to producers of crops that were not covered by Federal Crop Insurance or NAP, since crops covered by Federal Crop Insurance and NAP were included in the assistance under ERP Phase One.

To be eligible for PARP, an agricultural producer must have been in the business of farming during at least part of the 2020 calendar year and had a 15% or greater decrease in allowable gross revenue for the 2020 calendar year, as compared to a baseline year.

The ERP Phase 2 and PARP application period is open from January 23, 2023 through June 2, 2023. For more information, producers should contact their local USDA service center or reference the ERP Phase 2 fact sheet, PARP fact sheet or the ERP Phase Two-PARP Comparison fact sheet.

NEW STRAWN CONSIGNMENT AUCTION BY 

SATURDAY, JANUARY 21, 2023 * 9:00 AM
EAST SIDE OF HIGHWAY 75 — NEW STRAWN, KANSAS

* (3) JD4430's * JD 4020 w/ldr * AC 5030 dsl * AC WD w/ldr, NICE!
* Case IH 1660 4x4 & heads * Bobcat 743B * Ford 9N w/ldr * Case IH 5500 SB Spl 24R15 * NH3 applicators * Gravity wagons * NH BR780 & 664 balers, NICE! * Swathers, Mowers & Rakes * Silage Equip * Livestock Equip * Heavy free-standing panels * Antique Equip * David Bradley tractors & attachments * Amish Buggy * Pickups, cars, trailers * Semi-trailers * Skid ldr grapples & attachments * Dauer Rotary Tree Saw for skid ldr, NICE! * 4 Wheelers * Fuel tanks, tools * LOTS MORE!

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AUCTIONEERS:
Darwin W. Kurtz, 785-448-4152 * Paul Hancock: 620-340-5692

AUCTION
SUNDAY, JANUARY 29, 2023 — 10:00 AM
Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KANSAS

Bronze "Majestic" eagle statue by Moigniez; "Buffalo Horse" by Remington; Bev Doolittle "Copy Custer's Last Stand"; Russell prints; Buffalo picture; 13 Indian blankets & rugs; cowhide rugs; Horn built rocker, floor lamp, table lamps, hanging lamp; pair 5' hand carved eagle statues; wood carved birds; Indian carved rock; western saddle black leather, fancy tooled al over plus horse head on fenders w/tapadero's; horse bridals (made by American Farm Sales, Salina, Ks); WWII mule bridles; Merchantile store buggy whip holder; Cowboy Roping statue; **Spurs:** John Kittleson silver bar overlay; Calvary; vintage misc & straps; Indian ashtray; horse collar mirror; buffalo skull; Concho's; 1876 McKeever US cartridge boxes; (Rock Island arsenal & Watervliet Arsenal; model 1873 US bayonets; US model 1860; C. Roby Calvary sword 1865 w/inspector stamp; sash w/Indian beadwork; power flask; bullet molds; Swiss made 1914 sawback bayonet HS-Hans Steimer; Frankoma cattle brand hot plate; nickel silver belt buckles; 1986 Hesston buckle; buggy advertising; western wood hat form; cast iron harness hangers; harness plastic ring spacers; Fork Art wood hay wagon w/team & covered wagon; playsets (Marx Fort Apache; Sears The Blue & The Gray; Fort Cheyenne); books: (Good Medicine, Nancy Russell; Trails Plowed under, Charles M. Russell; Charles M. Russell paintings, drawings & sculptures In the Amon C. Carter collection, Fredrick Renner/Done In The Open drawings by Fredric Remington/The Illustrations of Fredrick Remington 200 Illustrations/ Ranch, Dudley Witney & Maria Johnson; Portrait of the Old West, 1 st edition, Harold McCracken/Portfolio of Six Western Prints by Fredrick Remington/ Portfolio of 12 pen & ink sketches by Charles M. Russell; Majestic Montana

Charles M. Russell Portraits of Montana Region; History Of American Jacks & Mules by Frank C. "Jack" Mills; collector books on barb wire & trip check wire; **Trip-Check wire** large roll of "Crescent Ball"; & 18" pieces of Doughnut Shop; Loop Back Knot; Coupling Hooks; Crescent Ball; Barbwire: 150+ 18" pieces some rare Early Stover Clip; Bates Multi Point Barb Strip; Gregg Barbed Oval Snake; Swanson Welde & Pin; H. Reynolds Necktie; many others; 1895 "Smiths" fence stretcher; 2 Mission Oak end tables; pine log 5 pc. bedroom set; pine log kitchen table & 2 chairs; cedar chest; library table; curio cabinet; pine bench; Meter lamp; Skull; grinding stones; 2 bird baths; 5 gal Waconda Water crocks; **Art:** (Terry Redlin "Welcome to Paradise"; Albert Fitch Bellows "The Village Elms"; David Maas painting/prints w/duck stamps; 1932 tramp art frames w/prints; 1860's painting; RC Gorman signed print); Rock Island catalogs; Regan-Bush letters & original invitations; political buttons & pins; costume jewelry; tie pins; cufflinks; rings; 15 watches; brass fire extinguishers; autographed Caddyshack poster; 1930's & 40's Indian motorcycle dealer literature; Harley magazines 1930's to 60's; Barclay & Manoil lead soldiers; fishing lure, reels (Jitterbug, Heddon, Creek Chub, South Bend); Bicycles (Roadmaster AMF; Kalthoff; Hiawatha; Sears; Fantasia; Schwinn Traveler; Coop; Flying O Team Pursuit 12; Hawthorne; Hercules; Murray); Wards Lakeside lawn mower; Nixon's Feed price sign; Fairbanks store scale; **Tools:** Craftsman table saw; portable air compressor; bench grinder; ½" drill press; floor jack; wheel barrow; 4-drawer Simplicity cabinet; metal drawer cabinets; yard tools; handyman jack; bar clamps; ladders; power tools; cut off saw; 1" belt sander; other tools.

FIREARMS: Sell at 10:00 a.m. See website for more on guns
1. HT Cooper NY 50 cal, 30" heavy octagon barrel NSN; 2. 1847 1st model Colt Dragoon US revolver 44 cal, 7.5" bbl. #1789 3. Ballard Ball & Williams dual ignition 38 #13931; 4. 1861 US percussion rifle; 5. US Springfield 1866 Allin conversion 50-70; 6. US Springfield 1870 #6025; 7. Whitney Phoenix breechloader 12 ga #2855; 8. Merwin Hulbert jr. falling block 22; 9. Whitney 22 pocket revolver model 1 #9169; 10. Marlin XXX standard 1872 pocket revolver 30 rimfire; 11. Miles double barrel percussion shotgun; 12. 1887 Winchester 10 ga. #43576; 13. 1887 Winchester 12 ga. #8645; 14. Colt Dragoon American historical foundation gold plated limited ed. "The Union Commemorative" 44 #31407; 15. Desert Eagle 357 mag #7987; 7 desert eagle 357 mag clips; 16. Dan Wesson 15-2 357 revolver #308089; 17. Marlin 336R.C. 35 remington #AC46485; 18. Weatherby Mrk V 300 Weatherby mag #H190549; 19. CZ Teal O/U 12 ga #1957648; 20. Benelli Super Black Eagle 1 3.5" 12 ga #U123627; 21. Thompson center 45 cal muzzleloader #28288; 22. Enfield Mark 1 38 #V4701; 23. US Property WWII M8 flare pistol #284203; 24. Parker Bros 12 ga #109550; 25. Ithaca leferer nitro special 12 ga. #342795; Daisy 1200 powerline pistol w/holster; starter pistol; 6000+ rounds, new old stock in box (22, 28 special, 270 Winchester, 300 Weatherby; 223; 12 ga; Remington 10 ga 3" & 2 7/8; collectible/antique Remington, Winchester, Wards Red Head, M19 zipper; Frankford arsenal M191 45 cal; many new original 12-15 magazines Beretta PX4; 96/90; 9mm; 40 SW; Taurus pt 24/7; 40 Walther PPQ M2 40 SW; holsters; new 3M 6800 gas masks.

NOTE: Check our website for pictures www.thummelauction.com. We have combined Larry Carlson Estate with another collection. There are many nice Western & Indian items.

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

AUCTION
TUESDAY, JANUARY 31, 2023 — 10:00 AM
Auction will be at the farm located ½ Mile West of JEWELL, KANSAS on H Avenue

John Deere 4960 front wheel assist diesel tractor, 15 sp powershift, quick hitch triple hyd. weighted 11420 hrs, been on farm since 400 hrs.; 1992 John Deere 4960 front wheel assist diesel tractor, 15 sp powershift, quick hitch, triple hyd.; 1978 John Deere 4840 diesel tractor, duals, 8 speed power shift, quick hitch, 1000 PTO, triple hyd; John Deere 4230 diesel tractor, quad range, 3 pt., triple hyd, 16290 hours runs good; 1998 Great Plains NTA 30-10 air drill (47,000) acres, cart model 7111; New Holland 664 big round baler (962900) 25,000 bales; 1992 H-1000 Hay Buster (9203085) tub grinder; H-1000 Hay Buster (791259) tub grinder; H-1100 Tilt Tub Hay Buster (CJ13241) new rods & hammers; EZ Trail 475 grain cart (EGC47521093422); AL grain cart model 425; 1974 IHC Loadstar 1200 truck 8 cy engine, automatic, 55,715 miles w/Oswalt 330 mixer w/scale, 3 augers. (46528 mixer serial no.); 2006 Case IH 2388 Axial Flow combine, new tires, engine hrs 5102, separator hrs 3612; 1979 IHC 1460 combine 6700 hrs; IHC 1460 combine 6500 hrs; IHC 1010 30' header on tandem axle trailer; IHC 1020 25' header on 4 wheel trailer; IHC 810 24' header on 4 wheel trailer; IHC 1020 25' flex header on 4 wheel trailer; IHC 863 corn head 6 row wheel assist w/pickup header; 6 ton SFG tandem axle dry fertilizer spreader; Vermeer R23 twin rake; 3 pt. sprayer, 2-250 gal tanks 60' boom; 2005 John Deere 956 MoCo swather pull type; 1987 White semi tractor, 855 diesel engine, 15 sp transmission, 100,000 on overhaul; 1998 Volvo semi tractor 1207 Detroit, 10 sp direct drive transmission good; 1984 GMC Brigabier semi tractor; 1968 Hyster 3 ton 30' tandem dual lowboy; 40' flat bed tandem axle semi trailer; 1977 Fruehauf 42' drop deck semi trailer air ride w/3100 gal tank to haul sprayer; 1988 Wilson 48' cattle pot trailer w/nose deck; 40' Aluminum end dump grain/rock semi spread axle w/front axle lift; 1987 Chevrolet Silverado 10 4 wheel drive pickup, V8, automatic, air, 160,000 miles; 1956 Chevrolet 3800 dual 6 cy, 4 sp., pickup w/service bed 37618 miles; 1973 Chevrolet C 60 truck 8 cy, 4 sp 2 sp, 18' steel bed w/hoist; 1990s Chevrolet

C160 truck 8 cy, 4 sp 2 sp, 16' steel bed w/hoist; 1993 Fleetwood travel trailer gooseneck 1 slide out; KanAm 48025 terrace machine (51255); 1998 Case IH 955 planter 12/23 15", PTO hyd pump, variable rate, corn, milo & bean drums; Bohnert 6'x16' tandem axle covered stock trailer good flower; 2004 Bohnert 6'x18' tandem axle car trailer; IHC 580 tandem axle PTO manure spreader plastic liner new chain; 1990 John Deere 5830 field cutter w/Kemper 4 row head; swather head; pick-up head; 4 wheel silage trailer; 1998 Tyler Patriot sprayer 750 gal tank w/90' booms, 5800 hrs., w/EZ steer Trimble 500 monitor, Raven meter; 1964 John Deere 760 paddle scraper 10 yard; Ford 917 3 pt shredder; 3 pt. 8' snow plow; 6 bale clamp; New Holland one row 717 cutter (4168); 9 gravity flow 4 wheel trailers; 40-6" PTO auger; 16' wiper fits front loader used 3 times; 3 single axle aluminum van trailers; 48' tandem axle van trailer; 53' tandem axle van trailer; used semi tires; 20,000 bu. steel bin has been taken down; 3 pallets new seed sacks; 60+ 20' endless steel panels; guard rails; bridge plank.

Note: Check our web site for pictures at www.thummelauction.com. The machinery will be live and internet auction. For information contact Josh Bohnert at 785-564-2390

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

Farmers lead land purchases, setting record sales levels in several states

The land market momentum that began in late 2021 accelerated into 2022 and was driven by competition for high quality cropland; it resulted in both record sales and overall increases in land values across the country.

Strong demand across all of the country's regions brought opportunities to landowners interested in capitalizing on the current land market. Aggressive land buyers continue to drive competition through public/online auction methods, giving us a true market value in those specific areas.

In most cases, landowners selling property experienced values never before seen for their farmland. The final results at these auctions set records in several states and have increased year-to-year values between 20 percent to 34 percent across Corn Belt states, according to the most recent report from the Kansas City Federal Reserve.

Landowners continue to turn to Farmers National Company to market their farmland assets, which has resulted in a new record sales volume of \$766 million during 2022. This sales volume exceeds the previous record set in 2021 of \$750 million. The majority of these sales came through competitive auction methods (76%) with increases in both total transactions and acres sold.

"What we are seeing is a true supply/demand scenario. There are simply

more buyers willing to bid on the limited amount of land coming to the market. Current commodity markets and strong cash rents provide buyers with the necessary returns to meet their investment criteria while giving them the opportunity to expand operations or add land to their investment portfolio," explained Paul Schadeegg, senior vice president of real estate operations for Farmers National Company. "Our anticipation is that these values will remain strong coming into the new year with continued strength in the ag economy although we may see less and less of the record sales."

Who are the land buyers? Farmers National Company reports seeing the traditional local farmer-operator as the successful buyer of farmland 75 percent of the time.

"With that being said, land investors are certainly part of the equation as they have been active bidders at most sales to a point that has set the floor on values. While the investor may not always be the buyer of land, they are part of the competition driving the values higher," Schadeegg said. "We also expect this trend to continue as many investors see the long-term value of farmland, the opportunity to diversify investments and the value of land as a hedge against rising inflation."

What factors will continue to drive the land market or slow its growth?

"Commodity markets will continue to be the main driver in land value. When coupled with the supply/demand scenario, the outlook for continued strong land values remains strong moving into 2023. However, we are cautious as interest rates continue to rise and inflation becomes a large factor in cropping inputs. These factors have the impact to decrease net farm income, erode operator equity and subsequently pressure farmland value," Schadeegg said. "So we sit at a somewhat precarious point in time where opportunity exists for both land sellers and buyers, but is dependent on the continued strength of the agriculture economy to stabilize or grow."

South Central Region: Kansas and Missouri

The south-central region held a number of strong land auctions throughout Kansas and western Missouri during the late fall and early winter.

"Across these states, we've seen high participation in our crowds and online bidding with new market highs being established," said Steve Morgan, area sales manager-South Central Region. "Over 8,500 acres traded hands through simulcast land auctions in the final months of 2022. Sales continued to show high demand for good to excellent cropland and strong demand for hunting properties. We've seen another 10 percent in-

crease in quality dry cropland across Kansas and Missouri since mid-year numbers. Irrigated land continues to have a very strong values in the marketplace, when it comes available."

Morgan said the area continue to see strong demand with cooperative input pricing, crop prices, weather conditions and world headlines. Investors are participating; however, many of the farms are still being purchased by local producers.

Southern Region: Texas and Oklahoma

In the southern area or this region, the demand for quality irrigated land has remained steady through the fall months for irrigated land with quality water production. The irrigation water production is the main factor for value in the area, noted Tyler Ambrose, area sales manager-Southern Region.

"The demand for dryland and pasture became stale with little to no increase in value for these land classes. The ongoing drought in Oklahoma and Texas slowed demand in late summer and into the fall months. In the recent

weeks, we have seen an increase in interest for all land classes with potential sales being favorable into the coming months," Ambrose said. "With a lack of inventory on the market, buyer interest will increase and could push sales. However, market values do not appear to be increasing."

Western Region: Western Nebraska and Colorado

Farmland values in western Nebraska and northeast Colorado remain strong for high quality, productive cropland.

"We are still experiencing near all-time highs for quality irrigated and dry land farms. Continued drought and economic pressure are causing less desirable tracts of land to see some discount from the highs experienced in 2021 and most of 2022," observed Cole Nickerson, area sales manager-Western Region. "Going forward, weather and macroeconomic factors such as interest rates and commodity prices are going to decide whether higher quality farmland values stay near their current high or if they also start to slip."

Land inventory could be a supporting factor for strength of sales in the area, Nickerson said. Lower numbers of farms are for sale now compared to the previous two years.

"Much like other markets, farmland values in western Nebraska and Colorado can be classified as strong but volatile as we look into 2023," Nickerson said.

West Central Region: Eastern Nebraska and Western Iowa

In eastern Nebraska and western Iowa, we've seen outstanding prices for high quality ag land in areas of good grain markets and local competition.

Currently, farmers and investors with cash and/or 1031 money available are the biggest drivers in the market and the reason why Chanda Scheuring, area sales manager - West Central Region, foresees prices staying strong into the new year.

"If things begin to change more with commodity markets, inflation or world events, I believe we could see a softening in the real estate market," Scheuring said.

European expedition taught U.S. pork leaders about preparing for ASF

Pork industry leaders toured countries in Europe late last year to learn new ways to protect and prepare the U.S. in case of a foreign animal disease outbreak.

The entourage included producers, veterinarians, state and federal authorities and staff members from both the National Pork Board and National Pork Producers Council. The group visited Poland, Germany and Belgium, and they virtually connected with representatives from Denmark and Romania.

They listened to firsthand accounts from individuals who faced a variety of issues:

- Control and spread of African swine fever (ASF) by people and the wild boar population
- Export and trade considerations
- Tools and considerations to eliminate the disease or alleviate the impact

Dr. Dustin Oedekoven, NPB's chief veterinarian, said Pork Checkoff funds paid for the collaborative expedition to encourage asking questions and discovering strategies that could help in an outbreak if it were to occur in the U.S.

"There is value for producers and veterinarians to learn about how countries have been impacted by ASF and hear success stories," Oedekoven said. "This information reinforces the industry ASF priorities set in 2022, and the key findings will help shape 2023 milestones and industry opportunities."

Examples of situations shared by countries in Eu-

rope:

Belgium: Interrupted virus transmission in the wild boar population and prevented infection in the domestic herd. Two years after identifying the first case in wild boar, they regained ASF-free designation by the World Organization for Animal Health.

Germany: Identified spread from multiple

sources, including people and wild boar.

Denmark: Prevention, or bio-exclusion, through construction of a fence on the German border, elimination of wild boar and strict truck washes.

Poland: Regionalized ASF to maintain exports.

Romania: Reduced sow herd due to inability to control spread.

SIMULTANEOUS LIVE & ONLINE LAND AUCTION
80 +/- ACRES • MARION CO., KS

Thursday, February 2, 2023 • 11:00 AM
Auction Location: Lincolnville Community Bldg, 213 W. Sixth St., Lincolnville, KS
Online Bidding: Bidding at gavelroads.com.

LEGAL DESCRIPTION: The North Half of the Northwest Quarter of Section 3, Township 18, Range 4 East.

DIRECTIONS: Travel 2 miles north of Lincolnville, KS to 310 Rd. Turn west and travel 1 ½ mile to parcel on the south side of the road.

DESCRIPTION: This tract is comprised of native grass, pond, cattle panels, timber and five wire fence. It is a clean, well maintained property. Solid characteristics for a cattle operation or recreational tract.

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See genefrancis.com for full auction flyer.

AUCTION
SUNDAY, JANUARY 22, 2023 — 1:00 PM
Auction will be held at 6376 W. Watkins, SALINA, KANSAS (Northwest of Salina)

TRACTORS, MOWERS, PICKUP & MACHINERY
Mahindra 3540 HST gas tractor, hydrostatic 3 pt, hyd. w/ loader 6' bucket, joystick loader control, 99 hours like new; Ford 861 Powermaster gas tractor 5 speed, 3 pt, weighted; New Holland MC35 4 wheel drive diesel mower 6' front deck 906 hrs; Gravely 152Z front deck mower 188 hrs; John Deere FT25 front deck mower 802 hrs; Craftsman 2 wheel string trimmer; Craftsman front tiller; 50 gal sprayer on 2 wheel trailer w/gas engine; 2 wheel lawn trailer; Rhino BX72 3 pt. box blade; King Kutter 3 pt. 8' blade; 3 pt. 100 gal sprayer;

Rhino 3 pt. 5' mower; 3 pt. dirt scoop; 3 pt. post hole digger; 2 wheel trailer 5' x 10' w/ramp; 1998 Dodge Ram 2500 ¾ ton pickup, automatic, 24 value Cummings engine, air, electric, 102,691 miles; CFMOTO Uforce 600EFI 4 wheel drive 4 wheeler.

TOOLS
Clarke Mig 130EN mig welder; Lincoln 225 welder; Ninga 700 generator; bench grinder; 1 ton motor hoist; large floor fan; Power Kraft 10" radial arm saw; ½" drill press; Delta table saw; shop vacuum; disc sander; Delta belt sander; cutoff saw; Sawzall; router; angle grinder; metal welding

table w/vic; sand blaster; air tools; electric tools; stacking tool box; hand tools; sockets; end wrenches; hammers; other hand tools; Poulan Pro 18"/38cc chain saw; Eager Beaver 285BC trimmer; gas edger; power washer; Kobalt battery trimmer; boomers; chains; 20 ton jack; floor jack; bar clamps; creeper; Krause folding ladder; 10' stepladder; aluminum extension ladder; wheel barrow; pull fertilizer spreader; 15 gal sprayer tank; gas engine; tow hitch; fast hitch; live trap; platform rocker; 36" flat screen TV; Police badge display; spurs; barb wire display; arrowheads.

NOTE: Check our website for pictures www.thummelauction.com
BETTY & ROYAL HOHL
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

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Eastern Kansas Weed School to be held January 24

By James Coover, crop production agent, Wildcat Extension District
Kansas State Research and Extension-Wildcat District will be hosting the 2023 Eastern Kansas Weed School on January 24th at the K-State Southeast Research and Extension Center in Parsons from 11:30 a.m.-1:30 p.m.

Please join us and come with any of your herbicide-related questions in either crops or

pastures!
Dr. Sarah Lancaster will discuss row crop weed management with her presentation, “Timely Tips for Corn and Soybean Weed Management.” Dr. Bruno Pedreira will discuss his work on broom-sedge and pasture weed control with his presentation, “Successful Control of Broomsedge and Pasture Weeds.” There will be plenty of time to ask your personal herbicide

and weed control questions to the experts as well.
We would like to thank Frontier Farm Credit for generously sponsoring this event and covering meal costs for all attendees.
To register please contact the Wildcat Extension Office in Altamont, 620-784-5337, jcoover@ksu.edu, or www.wildcatdistrict.ksu.edu.

John Deere enters into Memorandum of Understanding with American Farm Bureau Federation over Right to Repair

John Deere and the American Farm Bureau Federation (AFBF) have entered into a Memorandum of Understanding (MOU) relating to Right to Repair. The MOU is an agreement between the parties to formalize the availability and access to parts, tools, software and documentation for the purpose of repair and maintenance.
The MOU builds on the voluntary Industry Commitment previously made by manufacturers and dealers. The MOU provides greater detail relating to what specifically John Deere will make available to farmers and independent repair shops, including Customer Service ADVISOR and access to software, security locks and security related functions for the purpose of repair and maintenance. The MOU specifically provides that this

access will not be allowed for the purpose of overriding safety features or emissions criteria.
The MOU reiterates in several provisions that parts, tools, documentation and diagnostics will be made available on fair and reasonable terms. The MOU defines that as the manufacturer’s suggested retail price and the distribution model of any respective item. This does not indicate a departure from the current supply chain model and reflects the existing state of market availability and pricing.
The overall purpose of the MOU is to provide a private sector solution to Right to Repair rather than a legislative or regulatory mandate. The AFBF states their commitment to not pursue legislation and encourages

state Farm Bureaus to not support Right to Repair legislation as well.
Kim Rominger, CEO of the North American Equipment Dealers Association, had this to say about the MOU, “This is a positive step in the right direction. NAEDA will be working to learn more about how the MOU will affect dealers and state legislation going forward and will continue to keep dealers informed.”
The MOU was only entered into between John Deere and AFBF, however the agreement leaves open and encourages other manufacturers to join into an agreement with AFBF moving forward.
The agreement became effective January 8, 2023.

Pork exports continue to gain momentum; beef export value sets annual record

November exports of U.S. pork were the largest of 2022 in both volume and value, according to data released by USDA and compiled by the U.S. Meat Export Federation (USMEF). November beef exports were below the large year-ago totals, but 2022 export value already set a full-year record of nearly \$11 billion.
Record-shattering per-

formance for pork exports to Mexico, Dominican Republic
Pork exports reached 245,663 metric tons (mt) in November, up 3% from a year ago, while export value climbed 10% to \$725.1 million. In both volume and value, exports were the highest since May 2021. For January through November, pork exports were 10% below the pre-

vious year at 2.43 million mt, valued at just under \$7 billion (down 7%).
Pork exports to Mexico and the Dominican Republic were record-large in November, with shipments to Mexico topping \$200 million for the second consecutive month. Exports also trended higher year-over-year to China/Hong Kong, South Korea and the Philippines. November results were also bolstered by excellent growth in pork variety meat exports, which were up more than 25% year-over-year.
“I cannot say enough about the tremendous performance of the Mexican market and its importance to the U.S. pork industry,” said USMEF president and CEO Dan Halstrom. “U.S. pork faces heightened competition in Mexico, especially with the recent suspension of import duties. But U.S. industry efforts to educate the trade and consumers about the outstanding quality, consistency and value of U.S. pork continue to pay dividends and elevate overall demand. The rebound in pork variety meat exports is also excellent news for the U.S. industry, reflecting broad-based demand growth and an improved

labor situation.”
Despite November slowdown, beef export value sets records in key markets
November beef exports totaled 115,777 mt, down 6% from the previous year’s large volume, while export value declined nearly 20% to \$846.6 million. However, through the first 11 months of 2022, beef export value still increased 14% year-over-year to \$10.9 billion, already topping the full-year record (\$10.58 billion) set in 2021. January-November export volume was 1.36 million mt, up 3% from the record pace of 2021.
Through November, U.S. beef exports already set full-year value records in several markets. This includes South Korea and China/Hong Kong, where exports topped \$2.5 billion and \$2.4 billion, respectively. Export value also reached new annual highs in Taiwan, the Philippines and Singapore.
“Similar to the previous month, November results for U.S. beef exports reflected severe headwinds in our large Asian markets,” Halstrom said. “Key currencies in the region were still slumping, which impacted the buying power of importers and consum-

ers. COVID cases and lockdowns in China were also intensifying, prompting widespread protests and the eventual lifting of many restrictions. But the U.S. dollar mainly peaked in late October and early November and global demand has remained relatively strong. Even with a high level of economic uncertainty, 2022 has been a fantastic year for U.S. beef exports and the outlook for the coming year remains positive.”
Mexico and Canada drive strong performance for lamb muscle cut exports
November exports of U.S. lamb muscle cuts

more than doubled the year-ago volume, reaching 247 mt (up 129%), while export value increased 72% to \$1.38 million. For January through November, exports increased 72% to 2,125 mt, valued at \$12.5 million (up 61%). While 2022 growth was primarily driven by strong demand in the Caribbean, November exports were bolstered by larger shipments to Mexico and Canada.
A detailed summary of the January-November export results for U.S. beef, pork and lamb, including market-specific highlights, is available from the USMEF website.

Dairy Defined Podcast: falling prices, rising opportunities coming along for 2023

Record milk prices seen in 2022 likely won’t repeat themselves, as production increases and consumers grapple with an economic slowdown, according to members of the NMPF and U.S. Dairy Export Council’s joint economics unit, in a recent Dairy Defined Podcast. But exports are on track to increase, and demand will likely be resilient as dairy remains must-have for buyers.
“Consumers around the world still gravitate towards dairy, even when they’re experiencing tighter economic situations,” said Will Loux, head of the team and vice president for Global Economic Affairs with NMPF and USDEC. “They ultimately view dairy as an essential item and will continue to consume it.”
Loux discusses the global and domestic dairy outlook with NMPF’s chief economist, Peter Vitaliano; economic research and analysis director, Stephen Cain; and the joint economic team’s newest member, economic policy and global analysis coordinator Allison Wilton. You can find the podcast on Apple Podcasts, Spotify and Google Podcasts.

ANNUAL JANUARY CONSIGNMENT AUCTION

SATURDAY, JANUARY 28, 2023 AT 9 AM

WHEELER AUCTIONS LOT, 23101 HWY. 24, PARIS, MO



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2500+PIECES OF MACHINERY FROM AREA FARMERS AND DEALERS!

RECEIVING MACHINERY DAILY STARTING: Monday, January 9 until Wednesday, January 25

8 A.M. - 5 P.M. (M-F) | 9 A.M. - 3 P.M. (Sat. & Sun.)

FIREARM AUCTION

SATURDAY, JANUARY 21, 2023 * 10:00 AM

AUCTION LOCATION: Ironclad @ 427 Lincoln, WAMEGO, KS

Savage-Model 116-7mm-w/scope Dickinson-12 ga., Tactical Pump Shotgun w/hard case-NEW Sarsilmaz -P8L-9mm-NEW Sarsilmaz -K-12-9mm-NEW Girsan-MC 1911 C XLV-45 ACP, NEW Sig Sauer -P220-45 Auto w/holster Ruger-LC380 - .380 Smith & Wesson -SD9VE -9mm Ruger-SR9-9mm Kel-Tec-P3AT-380 Taurus-PT111 G2-9mm -NEW Taurus-709 Slim-9mm-NEW Hi-Point-C9-9mm-NEW Star-30MI-9mm FN-509-9mm-NEW Diamondback-Sidekick Revolver, .22 & .22 Mag-NEW Ruger-SR9-9mm Ruger-A9-9mm-NEW Springfield Armory, Hellcat, 9mm, NEW Glock-G22 Gen 5 Austria, 40mm, NEW Glock-19 Gen 4 Austria-9mm Glock -19 Gen 5 USA-9mm-NEW Glock-43X Austria-9mm-NEW Glock-43 Austria-9mm Beretta-APX-9mm-NEW Ruger-Rangler Revolver, 22 Long Rifle, NEW Ruger-Rangler Revolver, 22 Long Rifle, NEW Ruger-Blackhawk Revolver, .357, NEW Taurus-G2S-9mm-NEW Taurus-G3C-9mm-NEW Smith & Wesson-Body Guard, .380, NEW Smith & Wesson, Body Guard, .380 Savage, Model 12-22-250, scope, Like new Tri-Star-Cobra III-12 ga-NEW Kimber-Custom LW -.45 -NEW Ruger-SR1911-.45-NEW Mossberg-500, 12 ga., Camo, NEW Franchi-Affinity 3.0-20 ga.-NEW Mossberg-Patriot-22-250-NEW Tri-Star-Raptor/20 gauge w/Pistol Grip-NEW Remington-Ruger #1-7 mag Christenson Arms-Mesa Model 14-6.5 Creedmoor-NEW Howa-Model 1500 -.243 w/scope Remington -Model 783 -.243 w/Scope-NEW	Marlin-Model 783-.22 WMR Winchester-Model 1890-.22 Long Stevens-Model 301-.410-NEW Winchester-Model 1300-20 ga. Henry-Big Boy, Model H009B, 30-30 NEW Smith & Wesson-M&P 22 Compact-.22 Long Rifle-NEW Chiappa-M1-22 Citadel-.22-NEW Weatherby-Vanguard, 300 Weatherby Mag-NEW Swiss K31-Straight Pull Rifle, 7.5x5.5 Savage Arms-.17 HMR Bull Barrel-NEW Howa-Model 1500-.308 -NEW Weatherby-Vanguard-300, NEW Kimber-6.5 Creedmoor 84mm, NEW Beretta-12 gauge A390 Silver Mallard 3in 26" Barrel Taurus-Judge-NEW API-38 Special-Model 200-NEW Ruger-LCP -.380 Auto Browning-X Bolt-28 Nosler-NEW Remington-870 20 ga. Express Jakes Charles Daly-12 ga. pump-Camo Mossburg-12 gauge pump Browning-12 gauge pump Harrington & Richardson-Topper Single shot-20 gauge Winchester-Model 370, 20 ga. single shot Remington-7mm rifle Browning-22 auto-old (2) Fox Savage-12 ga.-side by side Charles Daly-20 ga.-over under Boito-410-side by side Mossburg-20 gauge pump Ducks Unlimited Pellet Gun Remington-870 12 gauge pump Remington-22 (old) Iver Johnson-410 single shot Charles Daly-12 ga. over under Mossberg-Blaze 47, 22 cal, NEW Colt-1867 Chazmizal Treaty 1964, Single Action Frontier Sconet, 22 LR, NEW w/wood display box Marlin-Model 990 DU, 22LR American Arms Inc-Double Barrel, 20 g, I-20 Weatherby-NWTF 257, black Savage-Hiawatha Model 594 Series A, 20g Mossberg-Model 835, Camo, 12g, NWTF Mossberg-Model 500, 20g, youth stock *Misc. reloading supplies
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ANDREW SYLVESTER, Auctioneer, 785-456-4352

Crossroads Real Estate & Auction

BILL DISBERGER, Auction Coordinator, 620-921-5642

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



SCAN ME

Grass & Grain Area Auctions and Sales

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

Hundreds of auctions, on-line and in-person. www.kansasauctions.net/gg/ Online Only Auction (open now, bidding ends January 24) — Selling 460+ lots including tractors & equipment, coins, jewelry, Jewel Tea, guns, pedal tractors, signs, antiques, tools, Milwaukee 12/18V & more (items located at Cottonwood Falls). Auctioneers: Griffin Real Estate & Auction (www.GriffinRealEstateAuction.com).

Equipment Online Only Auction (open now, bidding ends January 25) — Selling online through AuctionTime.com. Equipment including 2006 International, 204 GMC C7500 semi, Hercules gooseneck trailer, 1999 Ford F250 flatbed, Kohler generator-welder, gooseneck flatbed trailer, used Ford short bed (items located at Bazaar). Items offered by Griffin Real Estate & Auction (www.GriffinRealEstateAuction.com).

January 16 — Land Auction consisting of 144 acres with 106 tillable Highway frontage located West of Burlingame held at Osage City for Mary E. Dunn Estate & Heirs. Online bidding at: www.Superiorlandgroup.hibid.com. Auctioneers: Superior Real Estate & Land Group, Wischropp Auctions.

Online Land Auction (beginning January 16 & ending January 20) — Tract 1: 6 ac. m/l with 3BR, 1.5BA home, multiple outbuildings; Tract 2: 100 ac. m/l; Tract 3: combination of T1 & T2. Located near Emporia and selling for Royal E. Bebermeyer Rev. Trust. Online bidding at www.VaughnRoth.hibid.com. Auctioneers: Vaughn-Roth Land Brokers.

January 17 — Land Auction consisting of 445.7 Acres of Butler County land inc. pasture, trees, large pond, good access, rural water meter, (selling surface rights only) held live at El Dorado for William C. Paulson, Jr. & Pamela S. Paulson Revocable Trust AND the Martha Paulson Pope Living Trust. Online bidding available: www.Sundgren.com. Auctioneers: Sundgren Realty, Inc., Land Brokers.

Unreserved Online Land Auction (Bid Online: January 17-31) — 72.63 acres m/l of Atchison County Cropland & Commercial Lots selling in 4 Tracts. T1: 20.51 ac. m/l with 6 buildings, 3 10,000-bu. bins; T2: 44.95 ac. m/l with

40.69 ac. m/l cropland; T3: 0.77 ac. m/l commercial lot; T4: 6.4 ac. m/l commercial lot. Seller: Marlatt Construction Company, Inc.. Go to www.bigiron.com. Auctioneers: Big Iron Realty, Mike Campbell, listing agent.

Online only Equipment Auction (bidding ends January 18, 4 PM) — Large amount of cattle equip., tools, vehicles and ATVs, and many misc. items (items located at Eureka) View details at www.sundgren.com. Auctioneers: Sundgren Realty, Inc.

January 19 — Simultaneous Live & Online Land Auction consisting of 55 acres m/l of Pottawatomie County Land offering open areas of grass along with mature timber along the creek held Live at Manhattan with Online bidding available at gavel.roads.com. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

January 19 — Land auction consisting of 157.8 Acres m/l of Jewell County cropland, timber, creek and waterways held live at Glen Elder with simulcast bidding at www.apwrealtors.hibid.com. Auctioneers: Coldwell Banker APW Realtors, Chris Rost & Mark Baxa.

January 20 — Land Auction consisting of 160 acres m/l of Marshall County Cropland (103 ac. m/l upland cropland, balance mostly pasture with some waterways) held at Home for Kimberly A. Meyer. Auctioneers: Olmsted Real Estate.

January 21 — Firearms auctions including shotguns, 9mm's, revolvers, rifles & more (a lot are new) & misc. reloading supplies held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC.

January 21 — Tools, JD X300 lawn mower, antiques, beer signs, toys, 20 gallon Red Wing, horse-drawn railroad cart, furniture, household, lawn & garden & more held at Milford for Fred & Betty Voshel. Auctioneers: Morgan Riat, Foundation Realty.

January 21 — New Strawn Consignment auction by S&S Sales LLC selling tractors, trucks, trailers, vehicles, all types of farm & livestock equipment, farm misc. items, hay, lumber & more held at New Strawn. Brett Skillman, Sales Manager; Auctioneers: Darwin W. Kurtz & Paul Hancock.

January 22 — Tractors, mowers, pickup & machinery, tools, arrowheads & more held Northwest of Salina for Betty & Royal Hohl. Auctioneers: Thummel Real Estate & Auction, LLC.

January 26 — Rare Case 210 corn picker silage cutter, Woods Brothers Dearborn 1R corn picker, IHC 300 tractor, JD 300 tractor, Minneapolis Moline 1R corn picker, MF

135 tractor, JD M tractor, JD B tractor, JD 630 tractor, IHC M tractor (9 items sell live & online); 75+ plows, other farm equipment & machinery held live West of Jewell (some items online www.thummelauction.com) for Calvin Bohnert Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

January 28 — Estate auction consisting of antiques, primitives & collectibles held at Strong City. Auctioneers: Hancock Auction & Real Estate.

January 28 — Annual January Consignment Auction with over 2,500 pieces of machinery from area farmers & dealers held live at Paris, Mo and online at Equipmentfacts.com and Proxibid.com. Auctioneers: Wheeler Auctions & Real Estate.

January 28 — Antiques & collectibles including pine furniture, oak rocker, cast iron bed, Vice-roy sign, folk art wooden horse, Indian pottery, signs, 75+ good tins, crocks, 400 toy trucks, assortment of tools & more held at Salina for Curtis Bunting Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

January 29 — Bronze statues, Russell prints, Indian blankets & rugs, wood carved statues, horse bridals, spurs, books, furniture, artwork, nice Western & Indian items of all kinds, tools, firearms & more held at Salina for Larry Carlson Estate & another collector. Auctioneers: Thummel Real Estate & Auction, LLC.

January 30 — Live & Online Absolute Land Auction consisting of 4,382.92 acres m/l in Lincoln, Russell & Osborne counties selling in 8 tracts. Auction held live at Russell with online bidding at ranchandfarmauctions.com. Auctioneers: Ranch & Farm Auctions in cooperation with Whitetail Properties Real Estate, LLC.

January 31 — Machinery auction including JD 4960 tractor & other tractors, NH 664 big round baler, 4-wheel trailers, cattle trailers, semi tractors, pickups & lots more machinery, held live West of Jewell (with online bidding at www.thummelauction.com) for Calvin Bohnert Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

February 2 — Simultaneous Live & Online Land Auction selling 80 acres m/l of Marion County land comprised of native grass, pond, cattle panels, timber & 5-wire fence held live at Lincolnville with online bidding at gavel.roads.com. Auctioneers: Gene Francis & Associates Real Estate Brokers & Auctioneers.

February 3 — Marshall County Land Auction consisting of Tract 1: 143.40 taxable acres m/l

(2 parcels to be sold as 1) with cropland & native grass with fishing, hunting for Elizabeth Schulte Wassenberg Trust. Tract 2: 157.70 taxable acres m/l (2 parcels to be sold as 1) with cropland, farmland, tame grass, hunting for Bertha J. Herbin Trust #1 & A.J. Herbin Trust #2. Auction held at Marysville. Auctioneers: Prell Realty & Auction, LLC.

February 4 — Axtell Knights of Columbus Consignment Auction held at Axtell.

February 5 — Firearms Auction consisting of 150 firearms including shotguns, rifles, revolvers, pistols, large amount of ammunition, accessories held at Ottawa for One Family Collection from Eastern Kansas. Auctioneers: Elston Auctions.

February 11 — Coin auction including gold coins, silver coins, sets & much more; many are graded & sleeved held at Lawrence for a 1-owner collection. Auctioneers: Elston Auctions.

February 16 — Sumner County Land Auction consisting of 335 acres m/l of Farmland, Pasture, Hunting Land with 225 ac. m/l of FSA cropland acres & 110 ac. m/l of pasture held at Argonia for The Garnett G. Clayton Trust No. 1. Auctioneers: United Country Real Estate, Crossroads Auction & Realty.

February 25 — Special Offering of spacious building lots from 1.7 to 4.45 acres conveniently located in the Highway 24 corridor between Manhattan and Wamego. Lots are build ready. Auction to be held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC. in cooperation with Flint Hills Outdoors, LLC.

March 6 (Monday) — Lyons Ranch 35th Annual Angus Bull Sale held at the Ranch South of Manhattan, 12:30 pm.

March 25 — Annual Farm Machinery & Farm Misc. Consignment auction including farm machinery, trucks, trailers, livestock equipment, farm tools & misc. held at the North edge of Durham in conjunction with G&R Implement. Auctioneers: Leppke Realty & Auction.

April 8 — Fink Beef Genetics 37th Annual Sale held at Randolph.

A new year for cattle and beef markets

By Derrell Peel - Oklahoma State University

The cattle and beef market momentum at the end of 2022 has carried over into the first week of the new year. The new year looks to contrast with last year with noticeably tighter cattle numbers, especially at the feedlot level, driven by previous herd liquidation and sharply lower feeder cattle supplies.

The price of 500-pound, M/L, No. 1 steers at Oklahoma auctions averaged \$227.50/cwt. the first week of 2023, up 19.3 percent year over year. The price of 800-pound steers averaged \$180.97/cwt., up 14.7 percent over the beginning of 2022. The Feeder Cattle futures market anticipates higher prices and tightening supply fundamentals with a \$26/cwt. contract price increase from the nearby January contract at about \$182/cwt. to the November contract price over \$209/cwt. at the current time.

The five-market fed cattle price averaged \$157.83/cwt. the first week of January, up 14 percent from one year ago. The Live Cattle futures price for February is currently just under \$157/cwt. while the December contract is priced at \$164/cwt. at the current time.

The Choice boxed beef price in early January was \$283.62/cwt., up 5.8 percent compared to the beginning of 2022. Beef demand in 2022 remained strong in the face of record beef production. Beef product markets do, however, sharply contrast between middle meats and end meats. The Rib primal leads the way currently, up 33.8 percent year over year, with heavy boneless Ribeye (IMPS 112A) currently priced at \$1,194.03/cwt, up 47.0 percent year over year. The Loin primal is up 9.0 percent compared to last year with the tenderloin (IMPS 189A), up 25.1 percent year over year and the boneless Strip Loin (IMPS 180) up 14.2 percent compared to one year ago. Sirloin tri-tip (IMPS185D), however, is currently 17.2 percent below levels in early January 2022. It appears that food service (restaurant) demand is carrying much of the strength in beef markets compared to retail grocery.

End meat markets are doing well to hold steady year over year. The Chuck and Round primals are priced about equal to last year with numerous chuck and round cuts at or below year ago levels. The Brisket primal starts 2023 down 29.7 percent from year-earlier levels. Beef demand remains a concern and will bear close monitoring in the coming months. Numerous macroeconomic threats persist and decreasing beef production will keep pressure on to push beef prices higher. While there is scant indication of "trading down" among beef consumers thus far, shifts in beef product demand are more likely in the coming year.

Drought remains the biggest issue for many producers aggravated by persistently high feed costs. The revenue side of cattle production will be less of a concern in 2023, at least as far as cattle prices go. However, managing and maintaining production and managing the rising cost of production will continue to be major challenges for cattle producers this year.

LIVING ESTATE AUCTION *Reminder*

* TOOLS * FURNITURE * ANTIQUES * BEER SIGNS * 20 GAL. RED WING * HOUSEHOLD & MORE!

SATURDAY, JANUARY 21, 2023 * 10:00 AM

LOCATION: 3317 Rolling Hills Drive, MILFORD, KANSAS 66514

Directions: Take KS 57 Southwest off of KS 77 for 9/10 of a mile then turn North on Old Milford Road. Proceed 7/10 of a mile and turn East on Rolling Hills Drive

JOHN DEERE X300 LAWN MOWER: Will Sell at Noon or After (770hrs)
BEER SIGNS, ANTIQUES & TOYS, HORSE DRAWN RAILROAD CART (approx. 40"x120")
FURNITURE, HOUSEHOLD, LAWN, GARDEN & TOOLS & MORE!

See Last Week's Grass & Grain for Listings or go to our website!

Join us for our first auction of 2023! From toys to tools, we've got a little bit of everything to offer! For Terms See Website. Announcements on the day of sale take precedence over all advertising.

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AUCTION

THURSDAY, JANUARY 26, 2023 — 9:30 AM

Auction will be at the farm at 1875 H Ave., JEWELL, KS (½ mile West of Jewell on H Ave.)

Rare Case 210 corn picker/silage cutter (8074240); Woods Brothers Dearborn 16-7 one row corn picker; IHC 300 gas tractor, 2 pt. fast hitch; John Deere 300 tractor w/2 row 244 corn picker w/shucking attachment; Minneapolis Moline model SH 1 row corn picker w/shucking attachment; Massey Ferguson 135 gas tractor w/Ford 601-16-65 one row corn picker; John Deere M gas tractor w/1 row John Deere corn picker; McCormick Deering corn binder, wood, good; rare paddle auger; IH 4-wheel corn sheller w/elevators; MW Field King wood flare box wagon; "New Idea one row corn picker; John Deere B gas tractor w/roll-o-matic front; John Deere 630 gas tractor, 3 pt. (6306614); IHC M gas tractor w/hyd (FBK142409X1); John Deere 60 gas tractor, narrow front, power steering, hyd., (6052458) needs head gasket; Massey Harris 44 special gas tractor, wide front, new tires; Farmall Cub w/PTO belly mower (191329); Farmall A tractor,

PTO, belt pulley; Farmall B tractor; IHC H w/Schwartz wide front (FBH225834); John Deere 40 combine w/10' header (407188); John Deere 55 Corn special combine, 13' header, Full Vision cab (90536); 1950s GMC 250 truck, duals, 6 cy, 4 speed, w/Grain-O-Vator feed wagon; 1950s Chevrolet Load Master truck, 6 cy, 4 speed, w/15' bed.

75+ PLOWS: JD 202 2 way pull type plow; IH 39 2 way pull type plow; JD roll over plows; JD 2, 3, 4 bottom pull type plows, both trip & hyd; IHC 2, 3 bottom pull type plows both trip & hyd; IHC 3-14 pull type plow w/sold beams; IH 2 bottom disc plow; Minneapolis Moline pull type 3-16; Case pull type 2-14; Massey Harris pull type 3-16; John Deere 5-14 on land plow; John Deere 3, 4 & 5 bottom semi mount plows; IHC fast hitch 2 & 3 bottom plows; Massey no 37 3 pt. 3 bottom plow; JD A gas tractor; IHC V6 tractor power steering dual hyd; IHC Super M tractor needs work; IHC

H & M tractors; IH fast hitch; Moline 2 row RH5 corn picker; Dearborn 1 row corn picker; Great American 1 row corn picker; stationary corn sheller; whirlwind terrace machine; Kewanee 500-400 drag elevator; Farmhand F11 loader; 10 floor box wagons; John Deere 4 wheel wagon w/hoist; combine bin trailer; Van Brunt 10-7 drill w/packer in front 5 ½'; Noble 5' V blade; Duplex hyd scoop pull scraper model DV200; JD 6' offset disc; JD BW 10' disc; Rhino 3 pt. 8' disc; JD 7' pull type sickle mower; JD no 11 pull type sickle mower; John Deere 1 row corn binder; stationary baler w/gas engine; JD 4 row 494A planter; JD 2 row planter; 3 pt. scoop; silage blowers; buzz saw; new 12.4-38 tractor tires; several other pieces of machinery; IH sign; sorting bin; horse drawn circular stationary grinder; several wood & metal corn shellers; 3 John Deere 1 1/2 hp stationary engines on carts; IHC 1/2-2 1/2 hp stationary engine on cart.

NOTE: Calvin has collected antique farm equipment for many years, this will be a large auction. Check our website for pictures at www.thummelauction.com. The first items on the sale bill will be sold live and on internet. After that all items will be live auction. If you want to bid on any other items call 785-738-0067 and we will call you when we are selling that item. For information contact Josh Bohnert at 785-564-2390.

CALVIN BOHNERT ESTATE

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

AUCTION

SATURDAY, JANUARY 28, 2023 — 10:00 AM

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

ANTIQUES & COLLECTIBLES

Pine 1 door cabinet; pine 2-door cabinet; 2 pine table w/top cabinet; pine kitchen table; 1 drawer chest; folding table violin case; oak rocker; bow back chair; green wood cabinet; painted dresser; painted kitchen cupboard; short pie cupboard; pine cradle; cobbler's bench; wood cabinets; wooden sorting cabinet; cast iron bed; oak drop front desk; child's rocker; bridge lamp; AAA Root Beer sign; Full Vamp Shoe sign; Manor Bread sign; Viceroy sign; folk art wooden horse; Indian pottery; Burma Shave sign; Gene Autry Wagon Team movie poster; Roy Rogers Far Frontier lobby card; **75+ good tins** (Golden Wedding coffee & tea; HGF; Heinz; Comrade coffee; Quaker Mills spice; Angelus marshmallow; Crisco; Rex; Thompson Double Malted; Marco's Sweet Pea; Players Navy Cut; Magnet Coffee; Breakfast Call; Summer

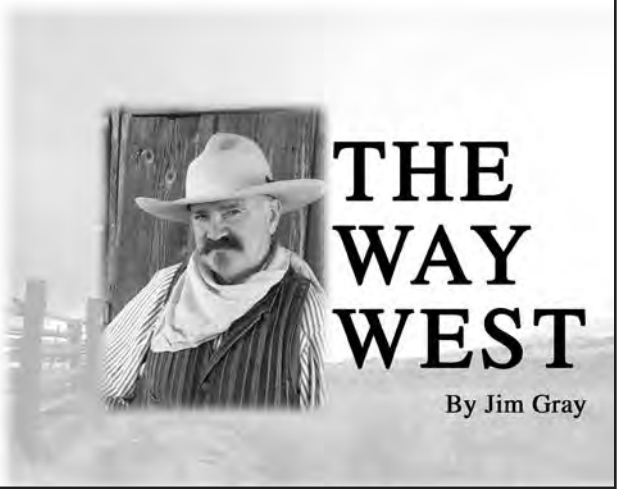
Girl; Waconia sorghum; Unadeda Bakers; Tom Keene; Falcon Oil; Folgers Extracts; Penns; Daisy Pellets; Diamond Match; tobacco; many other); Skelly Oil glasses; Griffiths spice set; Denes Bros match safe; several pcs art; brass weather vane horse; GILPIN cast iron tool box; black cast iron mechanical bank; stain glass windows; lead glass door; bear rug; wood butter molds; butter paddles; Pyrex bowls; Fiesta disc pitcher & tumblers; Bennington bowls; type pictures; assortment wood boxes; Christmas ornaments; double dial wall clock; kitchen clock; school bells; chicken items; cast iron dogs; 12" pc. petrified wood; Monarch radio; sad irons; feed scoop; 3 gal Red Wing; 3 gal Buckeye; brown top jug; crock bowls; Mr. Peanut jar & bowl; Roseville vase; sponge bowl; stain glass desk lamp; 1935 Kan tag; Silver Spring ice cream tray; cast iron skillet;

cannon ball; egg basket; copper boiler; copper pot; tin 2 handle churn; 4 qt. Dazey churn; sprinkling can; granite pans; wood bowl; hats; wood totes; books; small wood wheels; wooden fruit boxes; Western Paper file; horn; nail kegs; seed bag pillovers; pine medicine cabinet; yard windmill; sad irons; duck house; galvanized items; cast iron pans; oil cans; wood plane; cast iron step; type tray; chicken feeder; screen door; wash tub; boots; buckets; wash boards; toys; potato scoop; turtle shell; tin pedal tractor; unusual 10 gal bucket; deer mount; fish mount; antlers; wooden sled; US shovel; **400 toy trucks** (First Gear; railroad semi; soft drink; freight; construction); tin toy train engine; metal sky scraper building; Lifetime cook ware; modern table saw; cutoff saw; 8' step ladder; pancake air compressor; new wheelbarrow; assortment tools; yard tools.

NOTE: This is a very nice collection. Check our website for pictures www.thummelauction.com

CURTIS BUNTING ESTATE

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



THE WAY WEST

By Jim Gray

In Defense of Freedom

Abraham Lincoln arrived at the Springfield, Illinois telegraph office the evening of Wednesday, November 8, 1860, to follow the election returns as they came in from across the country. Eight... nine... ten o'clock brought state after state in favor of Mr. Lincoln for the office of President of the United States. When the city of New York carried for Lincoln men threw up their hats with hurrahs and cheers for Lincoln, followed by cheers for New York, and cheers for everybody! "Some actually lay down on the carpeted floor and rolled over and over."

At the Illinois State House the applause was

tremendous, raising a noise "never before heard in that prestigious building." Spreading through the town the jubilant crowd declared "New York 50,000 majority for Lincoln. - "Whoop, whoop, hurrah!" All of Springfield "went off like an immense cannon report, with shouting from houses, shouting from stores, shouting from housetops, and shouting everywhere."

As history has so tragically recorded Lincoln's opponents responded with a fervor equal to the victorious celebrations held in Lincoln's favor. Resolutions from Georgia declared that the election "ought not, and will not be submitted to," and called

for the organization of arms to defend the state.

At his home in Springfield, Illinois, President-elect Lincoln received numerous death threats. He was warned that he would never be seated as President of the United States.

In an effort to calm the nation a dispatch from Washington, D.C. stated that President Buchanan would fully perform his duties, and further affirmed that "no apprehension exists in official quarters that any efforts will be made to seize the Forts, or other public property in the South." The federal government assured the public that "no such movement would be tolerated by the authorities of the States in which they are located." Even so, succession was on the lips of every southerner.

In Philadelphia Republicans attempted to form a posse "to protect Lincoln in the Presidential chair," The effort was defeated while others organized to tender services at the inauguration "to oppose Southern minute men." On December 20, 1860, South Carolina became the first state to succeed from the Union as the nation staggered toward civil war.

In Kansas the commander of the Kansas Brigade, General James H. "Jim" Lane, wrote to the President-elect. James P. Muehlberger, in his book, The 116, notes Lane's letter to Lincoln dated January 2, 1861. In that communication Lane offered one thousand true Kansas men "armed and organized" to protect the inauguration. Lincoln declined.

As each state seceded, its senators and representatives resigned from national office. Georgia was the fifth state to leave the Union on January 19, 1861. The bill for the admission of Kansas to the Union was taken up and passed on January 21, 1861, as the future President of the Confederacy, Jefferson Davis, resigned his senate seat. The bill to admit Kansas to the Union was signed by President Buchanan, a pro-slavery Southern Democrat, on January 29, 1861.

Six days later, Monday, February 4th, the secessionist states of the South established the Confederate States of America. Lincoln began his inaugural journey on the 11th by private train from Illinois to Washington D. C. At Philadelphia President-elect Abraham Lincoln hoisted the first

United States flag bearing the 34th "State of Kansas" star to the top of Independence Hall on February 22, 1861, in celebration of George Washington's birthday. A national salute was fired as the flag floated out in the sun.

Allan Pinkerton's detective agency had uncovered a plot to advance "hostile purposes" against Lincoln in Baltimore. On Pinkerton's advice Lincoln passed through Baltimore without stopping, ultimately arriving safely in Washington.

The new Stars and Stripes floated over public buildings, schools, businesses, houses, and avenues on a clear and beautiful Inaugural Day, March 4, 1861. Mr. Lincoln began his inaugural address at 1:30 p.m. followed by the oath of office. Chief Justice Robert B. Taney officiated, having administered the oath to seven previous Presidents.

In Kansas Jim Lane and Samuel Pomeroy were elected senators by the Kansas Legislature on April 4th. Dissension swirled about the country as civil war drew ever closer. The opening salvo came in the early morning hours of April 12, 1861, with the bombardment of Fort Sumter at the en-

trance of the Charleston, South Carolina harbor.

Senators Lane and Pomeroy arrived in Washington on April 13, 1861, as the battle for Fort Sumter thundered across Charleston harbor. Kansas newspapers reported "With the Senators has arrived a large number of Kansas gentlemen; being evidently, to secure the confidence and patronage of the Administration, in the way of some occupation."

The Kansas men arrived at a moment of the Union's greatest need. Only a handful of troops were stationed at the nearby Fort Washington. By April 18th Lane was gathering his Kansas men for the defense of the President. That evening Lane's "Frontier Guard" of sixty tried-and-true Kansas men marched to the White House and took up positions in the East Room. In the nation's darkest hour Kansas men rose to the occasion in the defense of freedom, for they knew full well the blood and sacrifice given in forging the free state of Kansas on The Way West.

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

Farmers & Ranchers AUCTIONS EVERY MONDAY & THURSDAY

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

TOTAL FOR THE WEEK: CATTLE 8,050. HOGS 93.

BULLS: \$119.50-\$130.00 * COWS: \$76.50-\$88.50

STEERS

300-400	\$234.00 - \$245.00
400-500	\$230.00 - \$242.00
500-600	\$228.00 - \$238.00
600-700	\$200.00 - \$209.00
700-800	\$180.00 - \$191.75
800-900	\$179.00 - \$189.75

HEIFERS

300-400	\$178.00 - \$188.00
400-500	\$190.00 - \$198.00
500-600	\$184.00 - \$195.00
600-700	\$167.00 - \$178.00
700-800	\$164.00 - \$175.00
800-900	\$185.00 - \$196.00

THURSDAY, JANUARY 12, 2023

STEERS

5 Blk	Newton	341@	\$243.00
6 Blk	Miltonvale	457@	\$235.00
10 Blk	Hoisington	465@	\$234.50
4 Blk	Marquette	453@	\$234.00
4 Blk	New Cambria	234@	\$234.00
3 Blk	Solomon	390@	\$232.00
12 Blk	Bennington	458@	\$230.00
14 Blk	Marquette	490@	\$228.00
5 Blk	Hoisington	511@	\$224.00
9 Mix	New Cambria	526@	\$224.00
19 Red	Little River	498@	\$222.00
14 Blk	Little River	552@	\$221.00
11 Mix	Gypsum	549@	\$220.00
19 Blk	Claffin	582@	\$218.00
6 Blk	Marquette	583@	\$215.00
4 Red	Nickerson	530@	\$215.00
7 Blk	Inman	501@	\$213.50
7 Blk	Wayne, OK	561@	\$213.00
8 Blk	Nickerson	563@	\$213.00
6 Blk	Hillsboro	604@	\$208.00
27 Mix	New Cambria	627@	\$207.50
4 Blk	Nickerson	611@	\$206.00
6 Blk	Cawker City	616@	\$200.00
7 Blk	Gypsum	622@	\$200.00
18 Mix	Jewell	619@	\$199.00
13 Mix	Ellsworth	623@	\$196.00
5 Blk	Abilene	639@	\$195.50
20 Blk	Florence	611@	\$195.00
8 Blk	Moundridge	657@	\$194.50
23 Mix	Galva	705@	\$191.75
32 Blk	Cawker City	718@	\$191.50
11 Blk	Inman	639@	\$191.00
12 Mix	Canton	728@	\$190.75
60 Blk	Claffin	812@	\$189.75
59 Blk	Erie	809@	\$189.25
36 Blk	Claffin	709@	\$187.25
21 Blk	Gypsum	770@	\$185.75
10 Blk	Hoisington	660@	\$185.50
61 Mix	New Cambria	736@	\$185.00
15 Blk	Inman	759@	\$184.50
17 Blk	Windom	770@	\$184.50
55 Blk	Erie	766@	\$184.25
12 Mix	Inman	788@	\$184.00
6 Mix	Canton	811@	\$183.50
48 Mix	Inman	765@	\$182.75
54 Mix	Jewell	709@	\$182.00
14 Mix	New Cambria	798@	\$182.00
32 Blk	Durham	751@	\$182.00
47 Mix	Jewell	804@	\$181.50
31 Mix	Little River	782@	\$180.50
13 Blk	Abilene	818@	\$180.00
14 Mix	New Cambria	180@	\$180.00
12 Mix	Peabody	825@	\$179.00
58 Mix	Hope	895@	\$175.50
62 Mix	Tampa	893@	\$175.25
62 Mix	Enterprise	899@	\$175.00
17 Blk	Brunaugh, MO	1009@	\$169.50

HEIFERS

6 Blk	Hoisington	414@	\$197.00
13 Blk	Hoisington	503@	\$194.00
4 Bwf	Inman	476@	\$191.00
12 Mix	Jewell	519@	\$191.00
4 Mix	New Cambria	456@	\$189.00
8 Blk	Bennington	478@	\$189.00
4 Blk	Miltonvale	459@	\$187.00

14 Red	Little River	523@	\$185.50
4 Blk	Bennington	483@	\$185.00
8 Blk	Solomon	394@	\$181.00
7 Blk	Wayne, OK	596@	\$180.00
5 Red	Nickerson	558@	\$180.00
12 Blk	Hoisington	636@	\$177.50
9 Blk	Marquette	602@	\$177.25
7 Blk	Little River	604@	\$177.00
9 Blk	Gypsum	570@	\$177.00
5 Blk	Inman	562@	\$176.00
5 Blk	Wayne, OK	649@	\$176.00
13 Blk	Inman	626@	\$175.50
15 Mix	Jewell	577@	\$175.50
6 Blk	Little River	622@	\$175.00
9 Blk	Concordia	702@	\$175.00
13 Blk	Bennington	706@	\$174.00
21 Mix	Galva	696@	\$174.00
15 Blk	Little River	737@	\$173.50
28 Blk	Inman	661@	\$173.50
48 Blk	New Cambria	669@	\$173.25
11 Blk	McPherson	704@	\$173.00
8 Bwf	Canton	727@	\$173.00
49 Mix	Jewell	677@	\$173.00
8 Blk	Nickerson	706@	\$171.50
21 Blk	Little River	705@	\$171.50
19 Blk	Gypsum	735@	\$171.25
14 Blk	Abilene	774@	\$170.50
31 Mix	Jewell	785@	\$169.75
15 Mix	Salina	780@	\$169.75
37 Blk	New Cambria	770@	\$168.50
7 Blk	Little River	837@	\$167.00
24 Mix	Galva	842@	\$167.00
28 Mix	Wilsey	809@	\$166.50
64 Mix	Hillsboro	826@	\$166.00

MONDAY, JANUARY 9, 2023

HOGS

11 Fats	Lincolnville	270@	\$73.00
10 Fats	Partridge	374@	\$71.00
4 Fats	Esbon	280@	\$69.00
10 Fats	Partridge	360@	\$69.00
8 Pigs	Pretty Prairie	94@	\$64.00/Ea
1 Sow	Burrtton	595@	\$35.00

CALVES

1 Blk	Beloit	220@	\$460.00
1 Blk	Waldo	230@	\$435.00
1 Blk	Beloit	185@	\$410.00
1 Blk	Miltonville	165@	\$360.00
1 Blk	Beloit	110@	\$360.00
1 Bwf	Holton	170@	\$335.00

BULLS

1 Blk	Gypsum	1885@	\$130.00
1 Blk	Manchester	2325@	\$126.50
1 Blk	Waldo	1855@	\$122.50
1 Blk	Barnard	1885@	\$122.50
1 Red	Marion	2185@	\$118.50
1 Blk	McPherson	1900@	\$115.00
1 Blk	Chapman	1795@	\$115.00
1 Blk	Bennington	2190@	\$112.50
1 Red	Minneapolis	1975@	\$112.00

COWS

1 Rwf	Waldo	1635@	\$88.50
1 Blk	Salina	1315@	\$86.00
1 Blk	Miltonville	1370@	\$86.00
1 Blk	Salina	1150@	\$84.50
1 Blk	Ramona	1735@	\$84.00
2 Blk	Waldo	1953@	\$83.50
1 Blk	Salina	1940@	\$83.50
8 Blk	Burns	1674@	\$83.00
8 Mix	Burns	1473@	\$83.00
1 Blk	Hillsboro	1810@	\$82.50
1 Blk	Waldo	1655@	\$82.00
4 Blk	Hillsboro	1644@	\$82.00
10 Mix	Burns	1520@	\$81.00
1 Red	Abilene	1625@	\$80.00
1 Blk	Gypsum	1630@	\$79.50
10 Blk	Burns	1335@	\$77.50

SPECIAL CALF SALE

TUESDAY, JANUARY 10, 2023

STEERS

8 Blk	Great Bend	353@	\$245.00
2 Blk	Smolan	408@	\$242.00
3 Blk	Downs	473@	\$240.00
5 Blk	Great Bend	415@	\$239.00

UPCOMING SPECIAL TUESDAY SALES:

COW SALES: Tuesday, February 21 * CALF SALES: Tuesday, February 7

IN STOCK TODAY:

• Heavy Duty Round Bale Feeders • Heavy Duty Feed Bunks

For Information or estimates, contact:

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

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

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
620-553-2351
Ellsworth, KS

Cody Schafer
620-381-1050
Durham, KS

Kenny Briscoe
785-658-7386
Lincoln, KS

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

Austin Rathbun
785-531-0042
Ellsworth, KS

Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM - MON-FRI * 880 KRVN 8:40 AM - WED-THURS. *550AM KFRM - 8:00 am, Wed.-Thurs.

Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

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

Hogs sell at 11:00 a.m. on the 2nd & 4th Monday of the month. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

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

CATTLE USA.com LIVE CATTLE AUCTIONS

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

4 Mix	Hillsboro	519@	\$238.00
11 Blk	Solomon	491@	\$237.50
8 Blk	Hope	450@	\$237.00
9 Blk	Victoria	476@	\$234.00
2 Blk	Smolan	493@	\$232.00
2 Red	Downs	405@	\$231.00
6 Blk	Great Bend	500@	\$227.00
19 Blk	Beloit	535@	\$225.00
10 Blk	Bazine	502@	\$224.50
9 Blk	Downs	530@	\$223.00
5 Blk	Minneapolis	541@	\$214.00
9 Blk	Solomon	524@	\$214.00
14 Blk	Ellsworth	589@	\$213.25
9 Blk	Valley Center	562@	\$212.00
23 Blk	Solomon	594@	\$209.00
20 Char	Russell	610@	\$209.00
20 Blk	Wilson	630@	\$205.50
11 Blk	Raymond	605@	\$201.00
15 Mix	Brookville	585@	\$199.00
43 Blk	Wilson	652@	\$198.50
7 Blk	Cunningham	610@	\$198.00
18 Blk	Beloit	625@	\$194.50
8 Blk	Minneapolis	657@	\$192.00
35 Mix	Beloit	726@	\$188.50
28 Blk	Wilson	721@	\$188.50
36 Blk	Wilson	724@	\$188.50
20 Blk	Raymond	737@	\$188.50
26 Mix	Minneapolis	739@	\$188.00
40 Mix	Beloit	711@	\$188.00
44 Blk	Solomon	693@	\$187.50
31 Blk	Victoria	698@	\$187.00
72 Char	Russell	792@	\$186.60
21 Blk	Wilson	783@	\$185.50
53 Blk	Clyde	817@	\$185.50
9 Blk	Cunningham	711@	\$185.00
27 Blk	Clyde	771@	\$185.00
29 Blk	Beloit	830@	\$184.50
52 Blk	Ellsworth	709@	\$184.50
68 Char	Russell	721@	\$184.00
9 Mix	Tampa	816@	\$181.00
27 Blk	Minneapolis	854@	\$179.50
17 Blk	Bushton	836@	\$177.25
4 Blk	Downs	274@	\$200.00
12 Blk	Great Bend	419@	\$198.00
15 Blk	Clyde	803@	\$196.00
20 Blk	Beloit	501@	\$195.00
4 Blk	Beloit	405@	\$195.00
5 Blk	Solomon	519@	\$195.00
8 Blk	Oak Hill	511@	\$194.00
4 Blk	Halstead	525@	\$194.00
17 Blk	Victoria	535@	\$194.00
32 Blk	Tesscott	543@	\$193.00
6 Mix	Russell	464@	\$19