

# Growing wheat like wine: Kansas producer experiments with farming practices to produce optimal flavor for his own table

Kansas wheat farmer Wade Bangerter is his own best customer. Each harvest, he scoops wheat by the bucketful out of the combine or wheat truck and saves it back to clean. prepare and eat for the year to come. But anyone can enjoy the nutty but sweet flavor of wheat kernels - also referred to as wheat berries - prepared whole and unprocessed along with gaining a great set of nutritional benefits.

"Wheat berries are versatile and have a nice flavor," Bangerter said. "It's great nutrition, and it's affordable."

Bangerter is third-generation farmer who grows dryland wheat, corn and milo in Wichita, Wallace and Logan counties. After farming for nearly 40 years, he noticed the trend of consumers eating fewer wheat foods but did not give it much thought until his own family started debating the health attributes of wheat. He decided to do his own research, followed by experimentation on the farm and in the kitchen to see how farming practices and flavor interact.



He started by trying to grind his wheat into flour but quickly realized doing so required a lot of time and effort. Instead.

whole kernels to include more healthy, whole wheat products in his diet.

cleaned and stored from boil for an hour. This prache switched to preparing his fields, Bangerter has tice is a bit lengthy, but

a simple strategy for preparing the wheat berries add three cups of water Using the wheat for each cup of wheat and the wheat berries - once drained and dried - are ready to eat, can be stored in the fridge for a week or frozen for use for the next month.

His favorite way to prepare wheat berries is to mix in some honev and cinnamon as a side dish, but he also puts them in soups and salads and substitutes wheat berries for rice. In addition to being a great ingredient, wheat berries include all of the benefits of whole wheat foods - including improved heart and bone health, preventing anemia and promoting blood sugar control. Wheat berries also include up to 24 percent of daily fiber requirements and 10 percent of recommended daily iron intake in a quarter-cup serving.

After finding wheat berries were not only delicious but also easy to include in family meals, Bangerter took his experimentation a step further trying to see if what he was doing in the field resulted in a difference in taste. Microbial activity is now his focus of soil management, which he promotes by implementing no-till Bangerter's stove.

practices and topdressing with fertilizers that benefit what's growing above and beneath the soil surface.

'We're trying to take a more holistic approach to the soil than we had in the past," he said. "I'm doing everything we can to balance the soil - and that's unlocking a lot of nutrients. I'm trying to grow wheat like people grow wine - it's all about how soil affects flavor."

"My next goal after perfecting, growing and packaging is to start a farm to table internet business to get this very healthy wheat to the people this year," he said.

Bangerter's 2021 wheat crop is greening up nicely and looks healthy with good color, thanks to catching crucial rainfall last week. His fields received timely rain in the fall at planting that established a good stand that endured below zero temperatures without much freeze damage. As for how that wheat will yield - and taste those results will come this summer when those kernels come off the combine and into the pot on

# American Soybean Association and American Farm Bureau Federation: Stepping on stepped-up basis has big consequences

Any change in capital gains tax policy that eliminates or scales back stepped-up basis could result in a massive tax burden on the agricultural sector according to new analysis by the American Soybean Association and the American Farm Bureau Federation.

To minimize the impact of burdensome capital gains taxes, farmers and ranchers use stepped-up basis, which provides a reset for the asset value basis during intergenerational transfers. The magnitude of the tax burden that would be felt if basis is taken away or reduced would likely significantly exceed the annual income generated by the assets, something that has soy and other American farmers concerned.

Kevin Scott, soybean farmer from Valley Springs, South Dakota and president of ASA, said, "What people makers to leave steppe **Pandemic underscores** 

may not realize is that it could take years of returns to equal the amount of the tax if stepped-up basis is reduced, or worse, eliminated. If we inherit farmland without the step-up to level the playing field for paying capital gains, there is a significant cost to sell the land, which throws off the market for not just farmers but for evervone.3

"The value of farms is tied up in land and equipment, and many hardworking farmers struggle just to make ends meet," said AFBF president Zippy Duvall. "Eliminating stepped-up basis would make passing the family farm to the next generation much more difficult when the capital gains taxes would exceed a farm's net income in many cases and require years to pay-off. We urge lawmakers to leave stepped-up basis intact to ensure farm-

ers can continue feeding America's families."

Scott Gerlt, ASA economist, and John Newton, Farm Bureau chief economist, explain in a joint article released April 7 that heirs facing higher taxes would incur steep costs after bringing the land to market, thereby increasing costs for everyone else in the marketplace. And, if an estate is passed on with debt, it may not be possible for the family to meet the tax obligation. Gerlt and Newton in their analysis offer perspective across the U.S. and give real examples of the damage steppedup basis changes could cause. Bottom line: Eliminating stepped-up basis to generate more federal income risks the livelihood of America's family farms and the economic sustainability of these family operations long into the future.

# **Agriculture well-represented**

**By Abbie Burnett** 

It's been a year. A long, arduous vear since last March when grocery stores and restaurants around the world had their business plans radically changed in just a few days.

As they adjusted day-today operations, one beef industry trend resonated louder: "quality matters."

David O'Diam saw it unfold from his perspective as vice president of retail for the Certified Angus Beef® (CAB®) brand. Retail beef sales during the pandemic displaced much of the trade usually enjoyed by foodservice.

It took 2.43 million cattle to supply the 608 million pounds of CAB cuts sold by 3,000 retail partners in fiscal 2020. That's more than the volume of

all USDA Select beef.

"Most folks were working from home and had more time," O'Diam said. "They were cooking more than they ever had, so they educated themselves on what quality meat is. That helped drive demand for high quality like Certified Angus Beef to all-time historic levels."

For a fraction of the price, their expensive nights out became affordable at home, he said, but sales extended beyond steaks. The chuck and round primal cuts gained value on their middle-meat counterparts. Consumers looked for the logo they recalled from their favorite restaurants.

With more entertainment dollars diverted to retail, those who did continue to venture out to dine concentrated on a high-quality eating experience.

Restaurants are still struggling. "There is a big hole to dig out of," said Sara Scott, CAB vice president of foodservice, but after a long 12 months optimism has returned to the scene.

"The ones that remain are the best of the best. They are nimble and progressive," she said.

As seating capacity ramps back up, diners are choosing places based on their pre-pandemic reputation.

"Now is not the time for them to cut quality," Scott says. "If they're known for that great eating experience, people will be expecting that."

During the height of closures, regular demand

patterns were upended middle meats deceased in value in relation to ends. like the chuck and round. Last winter, rib-eyes were more expensive than tenderloins at one point. It was hard for foodservice meat buyers to predict the market.

"That's a pretty blackand-white indicator that restaurants drive value to the entire carcass," she said.

Enjoying more beef at home this past year has greatly educated shoppers. which could sustain higher retail sales of premium beef even as restaurants reopen here and abroad.

On the export front, Cody Jones, CAB vice president of international, said partners around the globe were doubling down on their commitment to quality.

"They're telling us, 'Yeah, we're not downgrading at all. We think this is our chance to shine above the competition," he said.

Tourism took a hit during the pandemic as did CAB sales where there was a less established CAB retail presence like the Caribbean and some parts of Latin America. On the other hand, Taiwan saw in increase in CAB sales and the brand continued to its one-quarter share of all U.S. beef exports to the Middle East. Four of CAB's top ten countries are in Asia and expected to anchor 40% of the world's economy by 2030 thanks to their surging middle class.

Export sales depend on trade policies, market dynamics and maintaining • Cont. on page 3





Murals on this building on Washington Street in Abilene beautifully tell the story of agriculture for passers-by to enjoy. They were painted by Christine Butcher -Frakes. Photos by Kevin Macy



# Fighting for Agriculture By Greg Doering, es when other option

**Kansas Farm Bureau** 

A couple years ago I was at an event where a fellow Farm Bureau staffer from another state lamented he spent so much of his time dealing with the legislative process, there wasn't much of a chance to really fight for agriculture.

I certainly admired his passion, but I believe "fight" was an unfortunate word to use. I'm not suggesting political fights aren't necessary, rather I think they should be treated like real fights and saved for the rare instances when other options have been exhausted.

Both passion and perspective are required to effectively engage in politics. Far too often we are led to believe passion is equal to rage and rage is evidence of righteousness. The problem is rage overpowers our ability to reason, overwhelms our logical capabilities and overthrows our perspective.

People get so worked up looking for a fight, they begin tilting at windmills and let true threats go by unnoticed. Immediate gratification and instantaneous reaction supersedes information gathering and seeking deeper understanding. Part of this is most of us only have a limited understanding of what's going on outside of our immediate lives. Sometimes just keeping track of my wallet and keys seems like a full-time job. let alone navigating the daily workings of a county commission, state legislature and the federal government's vast bureaucracy. Never mind the social media rabbit trail I get lost on for hours at a time.

The problem with only having just the surface-level view of issues is we're swayed by our previous experiences. As humans we're hardwired to fill in gaps with our biases and prejudices. That serves vou well when vou're walking through the woods and see something slithering along the trail.

Humans use the same fight or flight response when dealing with each other. We see safety in those who think and act in similar ways to ourselves, and we perceive danger in those who don't. Nowhere is this more true than on social media

These platforms are great for a variety of things but fostering a deeper understanding of political issues isn't one of them. People allow their emotions and experiences to drive the discussion once a position is taken. We then ascribe all sorts of ulterior motives to those with different ideas as insular tribes form around issues and devolve into fights because this is the surface level of political discussion we see on TV.

In reality, even the smallest issues are incredibly complex, and solutions are difficult even in areas where there's broad consensus. Our instinct is to perceive disagreement as a threat, which tricks us into believing we have two options: fight or flight.

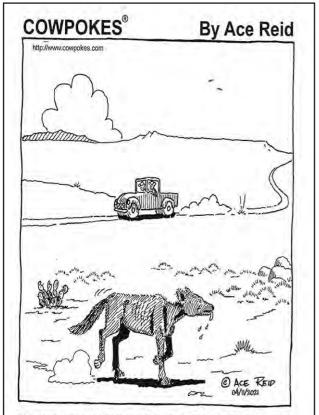
There's actually a third option and that's to allow for uncertainty. It's okay to believe those who disagree with you are sincere in their beliefs. Their experiences, biases and prejudices have led them to different policy prescriptions. But they are still human and experience all of the same emotions you do

Fighting consumes not only time and energy, but also credibility. Brawling over every issue is a good way for others to quickly ignore you. Engagement

requires perspective, logic and reason. And perseverance.

The best way to fight for agriculture is to develop a passion for the mundane things like talking to legislators and policy makers about our experiences, taking the time to provide feedback on issues that affect us, becoming educated on the issues before us and, maybe the most difficult of all, keeping our minds open to new ideas. We won't resolve every issue, but these are the necessary steps before gearing up for a real fight.

"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.



"I guess we oughtta put some sheep in this pasture, looks like our coyotes need feedn'!

# Kansas 4-H members prep for community service projects

Across Kansas, 4-H members are gearing up to do something good for their communities.

And while such service projects as cleaning yards, mowing lawns at the cemetery or helping at the senior citizen's center are noble things to do for others, there's also a part of these projects that come back to help the youth.

"In addition to the community service aspect, we have a real opportunity in 4-H to move toward service learning," said Beth Hin-shaw, a 4-H youth development specialist located in southeast Kansas.

"What that means is that in addition to the service, we can help youth understand what's happened in the community to make that service needed. So it becomes a learning experience for the youth at the same time.<sup>3</sup>

rives, many Kansas 4-H clubs are planning ways to get out and help their community, Hinshaw said. It is common for clubs to plan two to four community service projects a year.

"Part of our 4-H pledge is that we pledge our hands to larger service in our community," Hinshaw said. "This is a great way to not just say the pledge but for people to see how that is happening."

Club members often decide what projects their group will take on, but Hinshaw said there is a planning process they typically follow:

Pick a project by determining the needs in your community. "I think it's important to let young people brainstorm about what it is that they're seeing is an issue or needs to be

done," she said. "It might be things they're seeing in their community or something in the news.

Plan your project. This includes determining if there are partners, such as local organizations and businesses, or neighboring 4-H clubs.

Get as many club members as possible to participate.

Take time to reflect on the difference made in the community by doing the service project. What was learned and what could be done differently the next time?

Celebrate. Take time to enjoy what you accomplished.

Among other benefits, Hinshaw said youth often learn new things about their community while doing service projects,

such as what it means to be a city or county commissioner, or what it means to work in a given profession. And older youth often build their leadership skills by leading a group of younger youth through some part of the activity.

"We know that there are a lot of people that would like to be involved in their community and this is a wonderful way for people in our community to see what 4-H is all about and want their children to be involved in this type of activity as well," Hinshaw said.

More information about community service opportunities through Kansas 4-H is available online, or interested persons can also contact their local K-State Research and Extension office



ed in person June 22-25 in topics. The conference also features a Young Des Moines, Iowa. The BIF Symposium Producer Symposium on features two and a half Tuesday afternoon, designed for networking days of educational programming and a full day and to equip young cattle of tours. The first general producers with essential session — "Beef Industry: knowledge as they grow Where is it going?" — will their role in the business. feature presentations by Tuesday evening attendees will enjoy an opening Michael Uetz, Midan Marreception as well as the keting; Jim Pillen, Pillen Family Farms; and Dr. National Association of Animal Breeders (NAAB) Dan Thomson, Iowa State

executive director.

Registration is scheduled to open April 15. Online registration will be available at BIFSymposium.com.

For more conference details, including registration options, complete program and lodging information, visit BIFSymposium.com. Prior to and during this year's symposium, be sure to follow the event on social media channels using the hashtag #BIF2021.

Each year the BIF symposium draws a large group of leading seedstock



Prescribed burning is a spring ritual in the Flint Hills. Nothing signals the end of the long cold winter like seeing the hillsides ablaze and the smell of smoke in the air. I enjoy a good burn and look forward to this time of the year. I say I enjoy a good burn, but that is after all the backfires have been lit and the fire is well under control; until then I am a nervous wreck. This year was a good reminder of why. Up until last week I had only lost one fire in my entire burning career, a fact I was proud of, maybe too proud of. The Good Lord has a way of humbling us when we get too full of ourselves. I was certainly too confident in my ability. As a former county Extension agent, I hosted annual burning workshops. Furthermore, I have a master's degree in range management, and I think I know what I am doing ... or at least I did. I was burning a pasture with a couple of neighbors who bordered me on two sides and the county roads bordered me on the other two. With the neighbors burning it made my life a lot easier and I decided I would backfire along the east side just to be cautious. We had a south, southwest wind at about five to ten miles an hour, just perfect to push the fire, but not too much. I really did not think I needed to backfire, but I believe in going the extra mile to be safe. After all, I thought the cows had grazed the grass down along the fence, creating a natural firebreak. The only thing that worried me were the big cedar trees along the road on both sides and my landlord's house across the road to the north and east At first the burn went like planned, there was a strip of green along the fence and Tatum easily put the back burn out as I set it; this was going to be a cake walk. Then we popped up over the first little rise and the green grass along the fence went away and tall grass went up to the cedar trees. That was the moment the little voice in my head told me I was in trouble. I told Tatum we would continue but slowly and carefully.

a torch. At that point I told Tatum to go to the road and make sure it did not jump. As soon as she got on the road, she spotted fire on the east side and quickly started to put it out. In the meantime, the big live cedars on the north side of the dead one went up in big balls of flame. Tatum called to tell me she had her fire under control and at that very minute one of the big cedars across the road erupted in flame. I knew we were in trouble. At that moment I made my first good decision of the day and decided to not be a hero and call 911. I then called the neighbor I was burning with and told him I needed help. He and I set to work furiously putting out the advancing fire to protect my landlord's house and barns while we waited on the cavalry to come. It is amazing what a four-wheeler, a UTV and fear can do, but we managed to hold our own against the fire headed to the house. I also must say that I do not think I have ever been as relieved as I was when I saw the fire trucks show up. Finally, the fire was not only contained, but out. I know it was at least the second and maybe the third call they had been out on that day and they had to be tired. Our fire department is made up of volunteers who sacrifice their weekends and any other day or time of the week to keep us safe. I have been on that end and I know what kind of a grind and time commitment it is this time of the year. I have always appreciated their efforts, but I am not sure I appreciated them as much as I did that day. They graciously helped me with the rest of the back burn and then were promptly called to another fire as soon as mine was safely contained. Tatum and I spent the rest of the day watching hot spots and even the next morning going back and checking again and again. In the end, everything turned out as well as it could have. Nothing was lost, I was humbled and reminded of what could go wrong. I owe a great deal of gratitude to the crews of firemen who came to my rescue. They are the true heroes of the Flint Hills in the spring, and that is a fact I will never forget.

I saw the dead cedar just as I started into the heavier grass. It went up like

University Department of Animal Science chair. During the second general session the theme will be Precision Livestock Technology. Speakers Thursday will include Dr. Alison Van Eenennaam, UC Davis; Justin Sexten, Precision Livestock Analytics; Pat Wall, ISU Extension specialist; Reiss Bruning, Bruning Farms; and Cody Jorgensen, Jorgensen Land and Live-

symposium.

This year's event is being planned to take place in person. "The BIF Board believes it is imperative to provide 'face-toface' networking and educationoal opportunities for its members. We understand that our in person 2021 meetings might look a little different, but we are excited to begin meeting together again," says Dr. Bob Weaber, BIF

and commercial beef producers, academics and allied industry partners. The attendance list is a "who's who" of the beef value chain, offering great networking opportunities and conversations about the issues of the day. Program topics focus on how the beef industry can enhance value through genetic improvement across a range of attributes that affect the value chain.





### 785-539-7558 Fax 785-539-2679

Publisher – Tom Carlin Managing Editor — Donna Sullivan gandgeditor@agpress.com

Advertising Staff — Kurtis Geisler, Shelby Mall kurtis@agpress.com, shelby@agpress.com

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**Moser Minute Week Twelve** April 2, 2021

The routine changed during this abbreviated week at the Capitol. Non-exempt Committee meetings have ended.

Monday, March 29th in Federal & State Affairs Actions: We spent a fourth day working HB2184-Creating the Medical Marijuana regulation act, processing amendments and eventually passing the bill out of committee for possible movement to the House floor. I voted against this bill on final committee action.

Republican Calendar: Republicans have met all session via Webex to receive an overview of every bill advancing to the

# Pandemic underscores beef demand trends

• Cont from page 1 close relationships.

'Whatever the method, pre- or post-COVID, our job is to help our partners promote the brand, drive demand toward the logo and seek any opportunities we can," Jones said.

As tourism begins to reopen, that logo recognition from retail stores and restaurants will boost demand across borders.

For some, worldwide lockdowns and quarantines reprioritized the trends in quality that CAB was already watching and helping to promote. What was important a year ago is even more important now.

House floor. Twenty-three bills were debated on the House floor this week. The House cast votes on twenty-one of these. House Sub for Senate Sub SB84-Authorizing sports wagering under the Kansas Expanded Lottery Act and HB2025-Protecting private property rights from unauthorized access by certain government officials and unauthorized surveillance were voted down during debate and did not receive final action votes.

Highlights on the House floor:

• Protecting Local Control on Masks-On March 24th, the Governor announced her intent to issue another statewide mask mandate by Executive Order despite a decline in new COVID cases. The House responded quickly with passage of House Resolution 6015. Revoking the order will allow our local elected officials to continue to decide what's best for our communities rather than forcing a one-size-fits-all approach across the state.

• House Advances Full Funding for Schools, Sup-

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ers-This week the House debated House Bill 2119 regarding K-12 education. The bill contains full funding for our schools in compliance with the Kansas Supreme Court's Gannon ruling and is identical to the school funding levels contained in the Governor's Budget Report. The bill also contains funding for the School Safety and Security Grants and expansion of the Mental Health Intervention Team Pilot Program, both which were allotted by the Governor. Additionally, HB 2119 creates more options for at-risk students and their families by establishing Educational Savings Accounts and broadening the state's existing Tax Credit Scholarship Program. These policy provisions are targeted at helping atrisk learners - no matter where they live - access added opportunities so they can bridge academic achievement gaps. HB 2119 now goes to the Senate for consideration in the budget conference process.

port for At-Risk Learn-

• Tax Cuts for Families, Small Businesses Heads to Governor's Desk-Senate Bill 50 provides Kansans with the tax relief that was intended by the federal act. This week, the Legislature sent this bill to the Governor's desk. In addition to remedying the unintended tax increase, the bill also increases

the standard deductions for all Kansans, allows individuals and small businesses the option to itemize state tax return deductions, regardless federal tax return itemization, levels the playing field for Kansas brick-and-mortar businesses by requiring online retailers who are located out-of-state to remit sales tax to the state on purchases ordered for delivery to Kansas, and protects victims of identity theft from owing Kansas income tax on unemployment compensation that was fraudulently obtained by another individual.

• House Advances Budget-House Bill 2397. The budget now goes to the Senate for its consideration and will likely be in Conference Committee next week to reconcile the House and Senate budget bills.

• Other bills of interest that passed: SB283-Extending Telemedicine Practices, Business & Healthcare Liability Pro-

Grass & Grain, April 13, 2021 tections through March 31, 2022; HB2412-Legislation to Fight Opioid Addiction; SB106-Enacting the revised uniform law on notarial acts and repealing the uniform law on notarial acts; SB172-Creating the crimes of trespassing on a critical infrastructure facility and criminal damage to a critical infrastructure facility and eliminating the crime of tampering with a pipeline; SB273-Directing that tobacco product manufacturer remittances be credited to the Kansas endowment for youth fund rather than deposited into escrow upon certification by the attorney general.

· Honoring our Vietnam War Veterans-On March 29th, the House celebrated Vietnam War Veterans, recognizing the 9 million American men and women who served on active duty during the Vietnam War, 2.7 million of which served in Vietnam. During the War, 303,704 were wounded and 58,202 Americans died, including

Page 3 627 Kansans. On the floor, the House specifically celebrated House members and their spouses who served in the Vietnam War. Representatives Mike Dodson, Lonnie Clark, Doug Blex, Richard Proehl, Jim Gartner, and Jerry Stogsdill and the spouses of Representatives Annie Kuether, Barbara Ballard, and Cindy Neighbor all served in the Vietnam War.

It has been a whirlwind three months. I look forward to the April break, but will be checking my emails. Thank you for your support during this 2021 legislative session.

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Reach me at lisa. moser@house.ks.gov ; Capitol office phone 785-296-7637; home phone 785-456-3876. Please leave a message if I do not answer. Thank you.

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Ireta Schwant, Blaine, Named This Week's Grass & Grain Recipe Winner

Winner Ireta Schwant, Blaine: "Zucchini season will soon be here. This recipe is quick and delicious." **BUTTERSCOTCH ZUCCHINI CAKE** 

2 cups sugar

1 cup oil

2 eggs

- 2 1/2 cups flour
- 3 cups grated zucchini
- 1/2 cup chopped nuts
- 1 teaspoon soda
- 1 teaspoon salt
- 1 teaspoon baking powder
- 1 teaspoon cinnamon

1 cup butterscotch chips

Beat sugar, oil and eggs together. Add dry ingredients, zucchini and nuts. Mix well. Pour into a 9-by-13-inch pan. Sprinkle 1 cup butterscotch chips over batter. Bake in a 350-degree oven for 40 to 50 minutes.

Margaret Wetter, Noreggs, flour, salt, baking soda and vanilla. Add poton: SHOE PEG **CORN SALAD** 1 cup sugar or so. 1/2 cup vinegar 1/2 cup oil 16-ounce can shoe peg Iowa: corn. drained 20-ounce can chopped pimentos, drained 1 cup chopped celery 1 cup chopped green bell filling pepper

Chopped onion, as preferred

- 1 teaspoon salt
- 1 teaspoon pepper

Mix sugar, vinegar, oil and bring to a boil. Combine all remaining ingredients and pour liquid over vegetables. Chill and serve.

\*\*\*\*\*

Susan Schrick, Hiawatha: **POTATO CHIP COOKIES** 1 cup softened butter 1 cup brown sugar 1 cup white sugar 2 large eggs 2 1/2 cups flour 1 teaspoon baking soda 1/2 teaspoon salt 1 teaspoon vanilla 2 cups potato chips

2 cups chocolate chips Preheat oven to 350 degrees. Cream butter, sugar and brown sugar. Mix in

tato chips and chocolate chips. Bake for 12 minutes \*\*\*\*\* Pam McCall, Mapleton, **LEMON ANGEL FOOD** CAKE 1 box angel food cake mix

22-ounce can lemon pie **Powdered sugar, optional** 

Preheat oven to 350 degrees. Sprav a 9-by-13-inch pan with nonstick spray. In a large bowl stir together dry angel food cake mix and lemon pie filling. Once fully mixed, add to the prepared pan and bake for about 35 minutes or until fully cooked and the top is lightly browned. Let the cake cool then cut into bars. If desired, sprinkle with powdered sugar, although the cake is sweet enough and good.

Rose Edwards, Stillwa-**BRUSSEL SPROUTS** in half

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**Elsie Grace's** 

Put sprouts in a gallon bag and add all ingredients; seal. Refrigerate overnight. Preheat oven to 400 degrees. Put sprouts on cookie sheet and roast 15-20 minutes. \*\*\*\*\*

Bake for 20 minutes.

1 cup sugar

3 cups water

tered

and freeze.

chopped

der

nee:

4 eggs

1/2 cup butter

1 1/4 cups flour

olate syrup

40-45 minutes.

1 teaspoon vanilla

1 cup sugar

seh:

\*\*\*\*

**STRAWBERRY** 

SORBET

5 cups strawberries, quar-

2 tablespoons lemon juice

to a boil. Stir until sugar

is dissolved. Cool. Com-

bine the sugar syrup,

lemon juice and straw-

berries. Put in blender or

food processor and pro-

cess until smooth. Pour

into freezer-safe container

\*\*\*\*\*

GREEN BEANS

5 can green beans, drained

12 slices bacon, cooked &

2/3 cup brown sugar

1/4 cup melted butter

7 teaspoons soy sauce

1 1/2 teaspoons garlic pow-

Put beans in a 9-by-13-

inch pan. Add bacon. Mix

remaining ingredients

and pour over beans. Bake

40 minutes at 350 degrees.

\*\*\*\*\*

CHOCOLATE CAKE

3/4 teaspoon baking soda

3/4 cup chopped walnuts

Cream butter and

sugar. Add eggs and beat

well. Add flour and bak-

ing soda. Stir in chocolate

syrup and vanilla. Pour

into greased 9-by-13-inch

pan. Top with walnuts.

Bake at 350 degrees for

\*\*\*\*\*

1 1/2 cups Hershey's choc-

Kellee George, Shaw-

Millie Conger, Tecum-

Bring water and sugar

Reilly. Annette Abilene: "Wet cool days are perfect to whip up a quick bread or two. Decided today was perfect for Applesauce Nut Bread, so jumped into baking one! Had to use up some honey turning to sugar so I changed my recipe a bit. Hope you enjoy it as much as my hubby!'

APPLESAUCE **NUT BREAD** 4 cups sifted flour 3/4 cup granulated sugar 2 teaspoons salt 4 teaspoons baking powder 1 teaspoon baking soda

1 teaspoon cinnamon

3/4 cup honey

2 eggs, slightly beaten

2 cups thick applesauce

4 tablespoons melted shortening (I used more applesauce)

2 cups chopped nuts

Sift flour, sugar, salt, baking powder, baking soda and cinnamon together. In a large mixing bowl add applesauce, 2 slightly beaten eggs, honey and melted shortening. Mix and add dry ingredients, stirring until well-blended; add nuts and mix. Pour into 2 greased loaf pans and bake at 350 degrees for 45 to 60 minutes. Test with toothpick for doneness. Cool 10 minutes in pans before removing. \*\*\*\*\*

- Kimberly Edwards, Stillwater, Oklahoma: PAN COOKIE 2 1/4 cups flour 1 teaspoon baking soda 1 teaspoon salt 1 cup butter 3/4 cup sugar 3/4 cup brown sugar
- 1 teaspoon vanilla
- 2 eggs
- 12-ounce package chocolate chips
- 1 cup chopped nuts Set oven 375 degrees. Combine flour, baking





Growing up, Mike was terrified of storms, to the point that he would come and sleep in my room every time it started to thunder or lightning. Me, on the other hand, I have always found them to be beautiful and peaceful. I love hearing the rain hit the outside of the house. Lightning is fascinating to me to watch. the beauty of those lines and the mystery of where they will end up, I love it. Oh, and the smell of the rain, one of my favorite smells in the world. I think that goes back to growing up where I did, with windows almost always open after those spring storms; if you know, you know.

With Kansas and spring tends to come rain, and with rain comes some of my favorite times to bake. Combining two of the most relaxing things for me is a no-brainer. Baking and rain calms my soul in ways that most people probably wouldn't understand, and honestly, I am okay with that, after all, it's just one of my many self-declared

charming quirks. When I was in college, eventually hit a point Ι where I had to do a dreaded internship. I wasn't excited for it. not in the least. I was all for diving into the working world, but the idea of an internship terrified me for some reason. I couldn't graduate without doing one, so I got to work trying to find something I thought I might enjoy. landed in Greenville, Ι North Carolina at East Carolina University where I fell in love with magnolia trees and all things lemon blueberry.

I think I was probably born loving lemon anything, but until North Carolina, I had never even contemplated the idea of mixing the two; but the dining hall had this lemon blueberry cake that I couldn't say no to; I loved everything about it. Once I got back to Kansas, I became obsessed with anything and everything lemon blueberry flavored, eventually finding the perfect lemon blueberry loaf summer storms creep their way in, I hope you too find their beauty, but if nothing else, I hope you bake.

**BLUEBERRY MUFFINS** Blueberry Lemon

Sugar:

1/3 cup sugar

1 1/2 teaspoons lemon zest Muffins:

2 cups blueberries

1 1/8 cups plus 1 teaspoon sugar

 $2 \ 1/2 \ cups \ flour$ 

2 1/2 teaspoons baking powder

1 teaspoon salt

 $2 \, \text{eggs}$ 

4 tablespoons unsalted butter, melted & cooled slightly

1/4 cup vegetable oil

1 cup buttermilk

1 1/2 teaspoons vanilla

For the topping, mix the sugar and zest together. Set aside.

Preheat oven to 425 degrees and line muffin tins with liners. In a small saucepan over medium heat, bring 1 cup blueberries and 1 teaspoon sugar to a simmer. Mash berries as they cook. Stir frequently until berries have broken down and started to thicken. Move to a cool bowl and let sit for about 10-15 minutes.

In a large bowl whisk together flour, baking powder and salt. In a medium bowl whisk together 1 1/8 cups sugar and eggs until thick. Slowly whisk in butter and oil, followed by buttermilk and vanilla.

Fold egg mixture and remaining blueberries into flour mixture; be careful not to over-mix. Fill muffin liners with batter; scoop 1 teaspoon of blueberry filling into each one and then top with lemon sugar.

Bake for 17-19 minutes rotating halfway through. Cool and enjoy.

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

ter, Oklahoma: Fresh brussel sprouts, cut Juice of 1 lemon 1 tablespoon olive oil 1/8 teaspoon pepper 1/8 teaspoon paprika 1/8 teaspoon salt

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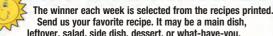
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# When The Power Goes Out, **Be Mindful Of Food Safety**

OLATHE - Sometimes it seems the price we pay for milder spring weather is the occasional storm that sweeps across the Plains, leading to power outages.

When refrigerators and freezers lose electrical power, the refrigerated and frozen foods inside can become susceptible to foodborne contaminants in just a few hours.

Severe weather events like thunderstorms and tornadoes can bring down power lines in a neighborhood, or even entire grids of a city. When the power goes out, the clock starts ticking on the viability of meats, seafood, ice cream, cut produce and even leftover pizza.

According to the USDA, bacteria like E. coli, Salmonella, and Campylobacter can grow within minutes of food entering the "Danger Zone" - the range of temperatures between 40 and 140 degrees F. The insulation in freezers and refrigerators are your best allies during a power failure, as long as you don't subvert them.

"Consumers should always be prepared for the reality that they may lose power when spring and summer storms are in their area," said Londa Nwadike, a food safety specialist with K-State Research and Extension and the University of Missouri. "The widespread power outages during the February 2021 winter weather was a good reminder of that."

A refrigerator in good working order can maintain its temperature for about four hours; a full reliable deep freezer can keep food frozen as long as 48 hours. Nwadike said there are small actions that can help stretch your advantage.

\* Share space with friends – If you have nearby friends and neighbors that have extra space in their freezer, consolidating frozen foods is a great strategy. "A full freezer will maintain its temperature longer than a freezer that's only half full," Nwadike said.

\* Keep 'em shut! -Whatever you do, Nwadike cautions, don't open the doors! "Don't open them to peek in and check to see what the temperature is. Just leave them closed. Avoid that temptation!"

Refrigerator and freezer-rated thermometers are also a good permanent addition to your appliances. Nwadike says they're inexpensive and will give you a reading the first time you open the appliance, after the power has been restored, and are important to use anvtime.

After that, the question is simple: Keep it or toss it?

The USDA provides information detailing which foods are most vulnerable (meats, seafood, dairy, ice cream) and which are a bit more stable (whole fruits and vegetables, condiments, hard block cheese). When checking the freezer, Nwadike

says ice can be a good indicator.

"If an item is still frozen solid, or if you can still feel ice crystals, that's a good thing,' Nwadike said.

"But whatever you do, don't taste something and think, 'Well, if it tastes okay, it's still good.' Bacteria doesn't always reveal itself that way." The oft-repeated adage holds true: When in doubt, throw it out.

surance providers will means we are moving cover a certain amount ever closer to summer. of food loss that results I'm looking forward from a power outage. to nights spent chas-Nwadike advises home- ing fireflies; lazy afterowners to check with noons at the lake; vatheir insurance providers to find out what is to exotic locations; covered, and what kind baseball games; barof documentation will beques; and swimming be required to make a pools. claim

food creates a finan- fact that summer also cial hardship, it pales means it's time to pull in comparison to the out the shorts, sandals risks of consuming unsafe, contaminated food. Some foodborne problem. illnesses can result in a costly hospital stay, if al months of living in not death itself.

For more information and helpful tips, visit the Prepare Kansas blog, dedicated to anticipating and preparing for disasters and the K-State Research and Extension Food Safety disasters website.

Links used in this article: Prepare Kansas (blog), https://blogs.kstate.edu/preparekansas/

K-State Research and Extension Food Safety Disasters, https://www. ksre.k-state.edu/foodsafety/topics/disaster.html



# **Prepping For Summer**

**By Lou Ann Thomas** The temperatures Some homeowner in- are warming which cations and getaways

What I'm not look-Even if the loss of ing forward to the and swimming suits.

Therein lies the

You see, after severflannel shirts, sweaters and long pants, all of which sufficiently covered my sagging. cellulite-rippled body. I now must don the skimpier clothing of summer.

Don't get me wrong, it feels great to have the sunshine beating down on my bare shoulders and legs, but exposing my body takes great courage and no small amount of preparation.

After being sufficiently covered in multi layers for the past few months, my skin has lost all of last

summer's color and has reverted back to its pasty, pale hue. That means the first few times I wear shorts I also have to wear sunglasses, not so much to guard against the sun's rays, but rather to shield my eyes from the retina-burning glare reflecting off my legs.

Then there is the issue of my arms. There's nothing particularly wrong with my arms. They still move and function in fairly good order and are invaluable for hugging. My arms are great unless I raise them. wave them or move them rapidly for any reason. After doing any of those things, it takes awhile for my arms, specifically that rubber-like, dangley part of my upper arms, to return to a resting state at my sides.

This oscillating action often creates a refreshing breeze, but when the draft produced blows papers off a desk or messes up nearby hairdos, it can be a bit embarrassing. During most of the year, this jiggling remains contained and relatively unnoticed under long sleeves, but during the summer, these perpetual-motion wings are out there for all to see.

There's no denying that after a long, cold winter I have a lot of sprucing up to do before my body is ready for its annual summer debut. From trimming toenails back from their claw-like state to a cooler, shorter summer hairdo, there's tucking, bronzing, polishing, shaving and the sucking in of one's abdomen to attend to. There are cellulite-laden thighs and jiggly arms to attempt to disguise. There are lotions, potions, creams and sunscreens to apply, and we haven't even addressed the distress and trauma of having to put on a swimming suit for the first time in over a year.

You know, it might be simpler to just move to Antarctica.





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#### Grass & Grain, April 13, 2021 Page 6 Strong commodity prices, improved financial conditions boost Ag Economy Barometer

The Purdue University/ CME Group Ag Economy Barometer rose 12 points in March to a reading of 177, marking the highest reading for the barometer since October. The rise was attributed to producers' more optimistic view of the future. The Index of Future Expectations snapped a four-month decline, rising 16 points to a reading of 164 in March. The Index of Current Conditions tied its previous all-time high, rising two points to a reading of 202. The Ag Economy Barometer is calculated each month from 400 U.S. agricultural producers' responses to a telephone survey. This month's survey was conducted March

22-26. "Even with a rebound in crop production in 2021. it looks like carryover supplies of corn and soybeans will remain tight, providing producers' confidence that crop prices will remain strong this year," said James Mintert, the barometer's principal investigator and director of Purdue University's Center for Commercial Agriculture. "A rebound in the U.S. economy this summer combined with expectations for a smaller pork supply is also providing some optimism in the livestock sector."

In March, producers continued to be relatively optimistic about making farm machinery purchas-

es and capital investments in their farming operations. The Farm Capital Investment Index held at a reading of 88, just five points below its all-time high of 93. Since March 2020, when farmers' confidence in the agricultural economy plummeted, the investment index has risen 63%.

Farmers' bullish views on farmland values, both in the coming year and in the next five years, continued in March. The Short-Term Farmland Value Expectations Index rose for the fourth month in a row, up three points to a reading of 148, and the Long-Term Farmland Value Index matched its previous high set back in December, up four points to a reading of 157. Compared with the May 2020 low point, producers' optimism toward long-term farmland values is up 22%.

Producers' perspective on their farms' financial position continues to improve, which appears to be fueling some of the short-term optimism about farmland values and capital investments. The Farm Financial Performance Index is based on responses to a question that asks producers, "As of today, do you expect your farm's financial performance to be better than, worse than, or about the same as last year?" In April 2020, the index hit an all-time low of 55; since that time, the index has seen a remarkable improvement, up 127% to a record high of 125 in March.

The topic that producers are not optimistic about relates to the ongoing trade negotiations with China. The percentage of producers who expect the U.S. trade dispute with China to be resolved in a way that is beneficial to U.S. agriculture peaked at 81% in early 2020. Since that time, the percentage who felt that way has been in a free-fall down just over 50 points to a reading of 31% in March. This attitude mirrors their thoughts on whether China will fulfill its Phase One trade agreement with the U.S. In October, 59%

of producers said they expected China to fulfill its Phase One obligations: that fell to 40% in January and to 35% in March.

In a follow-up to questions on previous barometer surveys regarding carbon sequestration, approximately 30% to 40% of farmers in our surveys, over the last three months, say they are aware of opportunities to receive payments for capturing carbon on their farms. Among the relatively small percentage of respondents who reported carbon sequestration payment rates that were offered, approximately 80% of those respondents said payment rates were \$20 or less per acre.

# Experts discuss strategies for springtime weed pasture management

Building Solutions You Can Trust

or

Alta Vista, KS

**By Lisa Moser** 

The sights and sounds signs of spring are all around — warm temperatures, chirping birds, blooming tulips, sprigs of green grass popping up and, for some, the unwelcome view of weeds.

Weed management strategies for cattle grazing pastures was a recent topic on the Kansas State University Beef Cattle Institute Cattle Chat podcast. Joining the team of beef experts was K-State Extension weed scientist and assistant professor Sarah Lancaster, BCI cattle nutritionist Phillip Lancaster and veterinarian and BCI director Brad White.

White asked the panel: "What should cattle producers think about when planning a weed management strategy?'

"Producers need to know what their goal is," Sarah Lancaster said. "If the goal is to grow high quality hay, then that weed management strategy is different than one that I would give if the plan is to graze cows on it."

She said that by focusing on sources of revenue, producers can develop a plan that makes the most economical sense for them.

Sarah Lancaster added the most important piece of advice she gives regarding weed control is to not overgraze the pastures.

"Avoid overgrazing because it is important to keep the forages healthy, and if the grass is stressed, the weeds will establish in the weak spots in the pasture," she said. When the green grass

"Experience the

Difference"

Phillip Lancaster said some producers are often tempted to turn out the cattle for grazing. His advice<sup>.</sup> "Don't do it "

"With a perennial grass that grows from the roots, it is using its winter storage to grow those first leaves, and if cows are turned out too soon and those first leaves are grazed off it will actually hurt the overall grazing forage production for the spring," he said.

Depending on the grass type, Phillip Lancaster recommended the stubble height on planted grasses to be five to six inches tall before grazing, and eight to ten inches tall for na-

Along with avoiding overgrazing, Sarah Lancaster recommended producers take soil samples from their pastures every three to four years and have them tested in a lab.

"Producers should work with their lab to see the preferred sample depth. But as to how many samples to provide, I recommend sampling at least 15 locations in the field for a good representation of the pasture," she said.

is in the soil.

"Soil changes slowly over time so this imbalance can be missed." Sarah Lancaster said.

Knowing the soil makeup helps producers and their agronomy consultants create a strategy for timely fertilizer applications.

She added that not all weeds are bad for producers. "Some weeds, like ragweed, have good nutritional value and can be grazed by cattle."

"With annual weeds if you deplete the seed bank, existing plants are easier to take care of than perennial weeds in which you have to kill the root."

White added: "The bottom line is that producers need to know what type of weed they are battling, evaluate the soil periodically and have a plan for grazing that takes advantage of the grass attributes without overgrazing."

To hear more on this topic, listen in to the BCI Cattle Chat podcast online.



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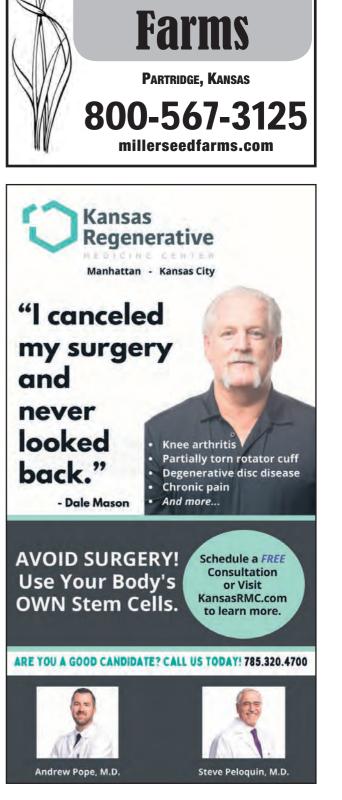
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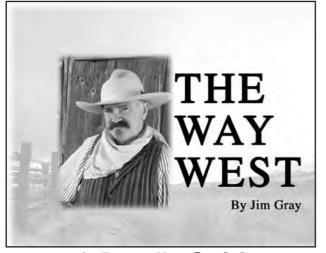
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# A Deadly Spirit

Smallpox was particularly devastating to native people following the European entry into the New World. The disease had been prevalent in Europe for generations and may have existed for thousands of years in the ancient world. Like Covid 19, smallpox thrived on human interaction, taking advantage of trade between civilizations and the clash of nations during the years and sometimes centuries of warfare.

Approximately onethird of those who contracted the disease died. Those who survived eventually helped the population achieve the often referenced "herd immunity." However after many untroubled generations, the deadly disease would return with a vengeance.

Variolation, a procedure intended to provide immunity was developed in Asia and became popular across Europe by the late 1700s. The patient was exposed to smallpox by scratching the skin, or inhaling material from the sores of infected individuals. There were risks and deaths occurred, even though most people developed immunity.

The first true vaccination was developed by Dr. Edward Jenner, introduced to the public in 1801. In America early settlers moved to frontiers that had once been populated by native tribes, but due to trade the frontiers were left empty as smallpox decimated populations ahead of European settlement.

The western plains were not excluded. Smallpox had spread to the plains tribes as early as the late 1700s. In 1816 the Comanches reported that four thousand members of the tribe had died from smallpox

In September of 1827 the greater part of the Kansa tribe fell ill while receiving their annual annuities at the mouth of the Kansas River (present-day Kansas City, Missouri). John Dougherty, the new Upper Missouri Indian agent, hired a Liberty, Missouri, doctor to tend to the ailing Kansa. Seventy people died before the disease was brought under control. But control was fleeting as one year later the death toll had risen to one hundred eighty, including Chief White Plume's principal wife and two of his sons.

By 1830 the Secretary of War, I. G. Randolph, authorized Indian agents to hire doctors to vaccinate the Indians living at the agencies. The campaign was not as widespread as it needed to be and largely failed to limit the outbreaks. All persons on the frontier needed to be immunized.

A new outbreak occurred among the Shawnees in the early summer of 1831. After twenty Shawnees were infected and one had died Dr. Johnston Lykins provided limited vaccination on July 18th.

Another outbreak occurred at the Shawnee Methodist Mission (near present-day Turner, Kansas) in October. When smallpox spread to the Delaware people their agent advised them to scatter to avoid the epidemic. At the Shawnee **Mission Reverend Thomas** Johnson described a state of confusion, "the smallpox was raging among different tribes, and the Indians flying in different directions." The disease subsided in late December. The final death toll was reported to be nine Shawnees and fifteen Delawares.

Congress passed the Indian Vaccination Act in 1832, appropriating twelve thousand dollars for vaccine and compensation for doctors administering vaccine. More than seventeen thousand Indians on the western frontier were vaccinated by February 1. 1833. although vaccinations were limited only to tribes deemed friendly to the U.S.

The tribes of the Upper Missouri (Dakotas, Wyoming, & Montana) were considered hostile to the U. S. at the time of the Indian Vaccination Act. Therefore, they remained unvaccinated even though a substantial amount of trade depended upon their participation.

Disregarding the Upper Missouri led to the devastating smallpox epidemic of 1837-38. Some tribes such as the Mandan were completely wiped out. Frontiersmen estimated the death toll in the north at fifteen thousand. The disease spread to the Pawnee people on Nebraska's Platte River and into Kansas, killing mostly

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Grass & Grain, April 13, 2021 children that had not been vaccinated since the 1832-33 vaccination program. The tribes often attributed the outbreaks to bad spirits. To satisfy the spirits of death the Pawnees sacrificed a captive girl in February of 1838. Large outbreaks were

prevented for almost two decades when in 1851 smallpox infected and killed 20 percent of the "Missouri" Sacs and Foxes in northeast Kansas. Authorities believed that the disease had been limited but one Sac carried smallpox to the "Mississippi" Sacs and Foxes on their reservation in southeast Kansas. Hundreds died before it was brought under control.

By 1852 smallpox "carried off" fifty Pottawatomies. Smallpox raged reserves, across the

Page 7 spreading to the Kickapoos, Delawares, and others. In a letter dated February 16, 1853, Revered S. M. Irvin wrote that over fifty percent of the Ioway tribe had been carried away by the disease.

In its wake, until vaccinations eradicated the disease out of existence in 1980, smallpox changed cultures forever. Among the native people of the plains the deadly spirit of smallpox would long be remembered for bringing death and annihilation to their villages on The Way West.

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



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# **Studies look at foliar** application of sugar on corn and soybeans

By David G. Hallauer, **Meadowlar District** Extension agent, crops and soils/horticulture

As planting season approaches, all of the decisions we make to produce a bumper crop get put in to motion. Some of those decisions can impact yields in a big way - hybrid/variety selection come to mind. Others may be little things we try to coax that last little bit of yield out of a corn or soybean crop. One 'little thing' tried over time has been foliar applications of sugar

Numerous studies have been conducted looking at sugar applications in field crops with mixed results. Studies at Ohio State showed no yield response in corn or soybeans. A group of field research studies in soybeans that included sites in Wiscon-

Should sugar applications be ruled out completely? Maybe not, but research would suggest it likely won't be a significant yield-enhancing addition to spray mixes and likely won't warrant standalone applications. For links to these studies, see the Weekly News Articles section of the Crops and Soils tab at www.meadowlark.k-state.edu.

sin, Illinois, Indiana, and Minnesota looked at four different sugar sources, none of which yielded a significant yield response.

University of Nebraska's work on corn and soybeans showed inconsistent yield response results, but some years suggest some yield responses. They also looked at stalk strength benefits from sugar applications. Again, results were inconsistent but generally not significant.



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SATURDAY, MAY 8, 2021 - 10:30 AM

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(Approx. 1 mi. North of Rossville to 62nd, then East 2 mi. to Davis Road and North 2 mi.)

REAL ESTATE (SELLS APPROX. AT 12:00 NOON)

This Bungalow home was built in 1929, the home has 3 bed-

rooms, living room, kitchen/dining room and a full bath. This tract

contains a total of 15.64 acres. This property located just north of Rossville and 30 minutes from Topeka has lots of potential.

Buyer to pay 10% down day of Auction with the balance due on

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Grass & Grain, April 13, 2021



 $As \, part \, of \, my \, subversive$ plan as chair of the Santa Fe Trail 200, I am reaching out to folks beyond the five states crossed by the

Trail. On my recent trip to Boston and Philadelphia, I searched out those Trail connections. There are so many layers of connection.



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While the main body of the Trail is comprised of the two routes in Missouri, Kansas, Oklahoma, Colorado, and New Mexico, the routes leading to the Trail were far more extensive. Eastern ports like Boston, New York, Philadelphia, and Baltimore saw goods coming from Europe that were funneled to St. Louis and then on to Santa Fe. Likewise, goods were coming into Mexico from Spain and traveling up the Trail to Santa Fe. As Wild West recently wrote, "By the mid-19th century the city was the coveted hub of a Southwest trading network..."

We recently held a symposium at the Fort Wallace Museum, "Taking the Smoky Hill Trail to Santa Fe," which described how the Smoky Hill Trail became a part of the Trail commerce as the railroad moved westward. We focused on the short-lived town of Sheridan and we keep building research materials.

Along the way, there are rabbit holes, and they are the most interesting!

Fossils are numerous in western Kansas and the stories about their discovery and subsequent ownership and travels are the stuff of Hollywood scripts. William Webb, a land agent and railroad promoter, wrote about those spectacular finds including a watchmaker in Sheridan who had a mosasaurus fossil on display in his shop. After discussions with Mike Everhart, apparently that fossil is "lost

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to science." Armed with that information, I am a woman possessed.

The plesiosaur fossil discovered by Dr. Theophilus Turner and William Comstock is in Philadelphia, at Drexel's Academy of Natural Sciences (A casting hangs in their entryway and in the Fort Wallace Museum and the original is disarticulated and in the vault at Drexel). Other famous fossils are in New York and Boston and Washington, D. C. Tracking this particular mosasaurus has proven fruitless, however.

In 1868, Louis Agassiz, a professor at Harvard, came to western Kansas as far as Sheridan. He purchased at least one fossil (found near Monument Rocks) that remains in Boston. Mike discussed this transaction on his website, oceansofKansas.com. The site is full of incredible history and science. He is an absolute treasure trove of information.

I am perusing Newspapers.com for mentions of the elusive beast from Sheridan and will keep you posted on my progress.

I would also welcome any insights that would help me in my pursuit. It is my hope that all these stories come full circle - the role of the Santa Fe Trail trade on collecting fossils in the West, the lives of the fossil hunters and traders. and the Plains Tribes who called this area home and had their own explanation for the ancient bones they found.

In yet another rabbit hole story, while visiting Mount Auburn Cemetery in Cambridge a week or two ago, I visited the grave of Louis Agassiz. I could not help but think how different his trip to Kansas was from the airplane ride I took to Boston. Yet, we are linked across the years by common interests.

What an incredible journey!

Deb Goodrich is the host of the Around Kansas TV show and the Garvey Texas Historian in Residence at the Fort Wallace Museum. She chairs the Santa Fe Trail 200, the bicentennial of that historic route. Contact her at author.debgoodrich@ gmail.com.

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April is Soy Foods Month!

Did you know that soyfoods are available at the grocery store? See if you can find the soyfoods listed below! Look for the soyfoods down, across, or backwards.



#### milk f t t d 0 q g u r y 0 u r y cooking oil h h t е S а С S 0 0 С m Í е mayonnaise margarine i d d S r I а S g n S е а 0 salad dressing t i b n b r е r S р а n u g tofu ice cream d f d i а r g r Í n е а р m yogurt k i С е r У m m u y m I 0 flour hot dogs i S b е 0 g а У 0 n а е m n burgers u е m а С u S S 0 r С r а r cheddar cheese sour cream i k С r r 0 g Í 0 0 0 р n soy sauce d h е S е е h С а d е С I r smoothies BONUS: g u h ٧ r r а u n u Х y р I How do soyfoods taste? t b 0 S S а е n 0 u С е y m yummy

# Can you name the parts of the soybean plant?

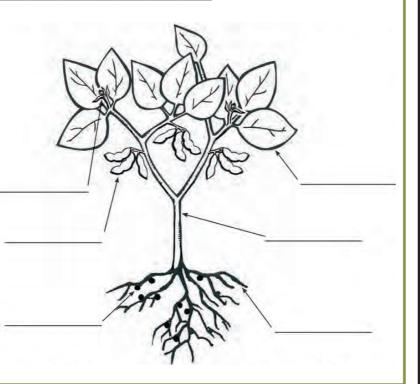
Leaves • Pods Roots • Nodules Stem • Flower

# Color the plant!

For more information & activities, visit.



www.unitedsoybean.org





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FURNITURE: Walnut dresser w/ mirror (nice): walnut bed: walnut marble top dresser; oak square table; sm. fainting couch; old buf-fet; lg. walnut armoire; old dresser; oak commode; mini. beveled glass buffet; barrister bookcase; buffet w/glass doors; 4 dr. waterfall dresser; library table; sq. gateleg walnut table; walnut dis-play cabinet; oak stand; floor mirror; child's wicker rocker & other; child's wood bar chair; wood rocking chair; 2-oak chairs w/ leather seats; wicker bottom chair; half round table; oak hall tree; cedar chest; o/s chair; oak mirror w/rack; piano seat w/glass feet; old floor lamps; iron chandelier; old magazine rack; Kaltex

wicker plant stand. ANTIQUES, COLLECTIBLES & GLASSWARE: The Masterpieces of French Art; Chandler framed picture; framed Elmer Keene — At the Close of Summer's Day; framed Tarzan picture; leather pictures & other an-tique pictures; Cream of Wheat print; Jello picture; mirror w/pink flamingo; stained glass panes; woven Native American rugs; Califone record player; kerosene lamp brackets; old canes; Native American walking stick; old tricycle; Sears & Roebuck barometer; Art Treasures of books; old adv. campaign buttons; old sheet music; old photo albums; handled crock jug; coffee grinder; round metal tub; stick horses (2); child's metal tea set; child's wood roning board & others; Uncle Sam's cash register; old domnoes; old kid's toys; sm. slate chalkboard; dresser lamps; miniature lamps; bronze ladies lamp; wicker table lamp; cookie jars; ots of old bottles; wicker sewing basket; old trunks; old musical harp; cookbooks; old recipe boxes w/recipes; butter mold; cast iron (flower pot, skillets, trivets, doorstops & cornbread pan);

bone handled mirror; sm. child's mirror; child's dresser w/mirror sev. old leather & beaded purs es; old jewelry; oriental jewelry box & others; old ladies hats collector's wood box; old buttons fountain pens; old game cards bongo drum; sm. viewmaster 8 slides; old magazine advertising ads; records; glass & brass door knobs; sm. American Diamond dictionary; autographed Beatles picture; 1972 autographed Rob (Batman) picture; 1937 Art Program from Paris; Native Amer ican books; Mother Goose & other children's books; 1943 Atlas of the World; sterling silver oi & vinegar set; Cream Čity Ware enamel bundt pan; graniteware; RC Crown Cola bottle; Lots of old blue jars w/glass lids; aprons; lin-ens; dollies; flatware; wood rolling pins; old kitchen utensils; old metal cookie cutters; old beater jar w/beater; Holms & Edwards silverplate set; sm. sugar bucket wood cannister set w/roosters old advertising wash boards metal bread box; old marbles kerosene lamps; old camera; old Christmas ornaments; 2 shadow boxes; Lay or Bust Poultry Feeds metal sign; 1800 Broadway met-al sign; Mosser Glass (Jennifer green miniature set in box) Shirley Temple; Mexican pottery Weller pottery & others; Niloak black cat w/small fishbowl; old dishes; Liverpool England bowl Teapots; sev. pcs. green depression; blue Fire King; Fire King mixing bowl set; Fenton; Bavar-ia Studio cream & sugar; Randolph, Kansas plate; Čamwood lvory 22 K gold dishes; Hoosier jars (coffee & tea).

MISC .: Drink bar set in box; pool cues in case; globe on stand & mini globe; brass fireplace set; DeWalt tool set; miscellaneous tools; 30 mph metal sign; & LOTS MORE!

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# **National Sorghum Producers opens 2021 Sorghum Yield Contest**

The National Sorghum Producers will begin accepting entries for the 2021 National Sorghum Producers Yield Contest. Yield contestants are split into east and west regions for each division. Contest divisions include irrigated, dryland no-till, dryland tillage and one winner for food grade.

"After an exceptional year in 2020, we are looking forward to another year of strong entries and high yields," NSP CEO Tim Lust said. "The yield contest is an opportunity for our producers to push yield boundaries and inspire innovation in the future through knowledge transfer between growers as we recognize some of the best in our industry."

In order to enter, contestants must be a paid NSP member at the time of entry. More than one member of a family may enroll, but each member must have a separate membership. Entries must be submitted via email 10 days prior to harvest of the contest acreage. All forms must be completed and emailed or mailed to the NSP office no later than Dec. 1, 2021. Entries will then be reviewed and placed off of yield only. National and state winners will be honored at the 2022 Commodity Classic in New Orleans March 10-12, 2022.

For the entry form and more information, visit SorghumGrowers.com/yield-contest.com or contact Amanda Flores at 806-749-3478 or amanda@sorghumgrowers.com.

## Funding available to help control invasive woody plants

Kansas producers have new funding opportunities to help address woody plant encroachment on targeted rangelands through the Natural Resources Conservation Service (NRCS) Kansas Great Plains Grassland Initiative. The program focuses on early prevention strategies and makes producers in targeted rangelands eligible to receive Environmental Quality Incentives Program (EQIP) funding to help control woody plants. Core grasslands include areas within the Flint Hills, Gypsum Hills and Smoky Hills regions of Kansas.

mitted, applications will be assessed and ranked as soon as the applicant has made conservation treatment decisions. The ranking system is designed to prioritize funds for landscapes with less than 10% coverage of woody plant species. Based on fund availability, applications with a ranking score of 30

points or greater will be pre-approved, allowing for immediate enrollment into an EQIP contract. Those with scores less than 30 points will be financed in ranking order as funding allows. For more information or to acquire an application, contact the local NRCS office.

The application deadline is July 2. Once sub-

# KLA, NCBA actively monitoring climate policy

There has been a lot of discussion lately about President Joe Biden's 30x30 directive, which is part of a larger executive action on climate change issued January 27. The directive seeks to conserve 30% of the land and ocean in America by 2030. As part of that effort, the secretary of interior, in consultation with the Secretary of Agriculture, Secretary of Commerce and the Chair of the Council on Environmental Quality, has been directed to compile a report within 90 days for the National Climate Task Force that was established by the broader executive order.

The report must propose guidelines for determining what lands and waters qualify for conservation and establish a mechanism to measure progress toward the 30% goal. The Secretary of Agriculture has specifically been charged with collecting input from farmers and ranchers about how best to use USDA programs, funding and financing capacities, and other authorities to achieve additional, measurable and verifiable carbon reductions and sequestration.

# Chapman FFA Alumni raise funds for student membership

Students, teachers, alumni and the community alike students through scholarships. Seniors receive a scholare eager to continue the tradition of success and support for the Chapman FFA. The Chapman FFA Alumni will be hosting this year's Work Auction, Saturday April 17, in conjunction with the FFA Community Breakfast.

FFA members will serve breakfast as a thank you to the community beginning at 9 a.m. at the Chapman High School Commons Area. Breakfast will include pancakes, bacon, sausage, milk and coffee. The silent auction will take place at 11 a.m. and the live auction will begin at noon also at the High School. Both events are free and open to the public.

The long tradition continues as more than 55 FFA members will participate in this year's auction. The FFA members are selling eight hours of labor, and can provide a wide range of tasks including, but not limited to: fencing, working livestock, painting, assisting with farm chores, landscaping, cleaning, office work, baby sitting and much more. While the students are the highlight, each auction provides opportunities to purchase items donated by local community businesses. Visit the Chapman FFA Alumni Facebook page for a full list of items that have been donated.

Auction proceeds directly benefit Chapman FFA



arship based on the number of years of participation for the auction in addition to their level of participation throughout their FFA career. The Chapman FFA Alumni also allocates funds for students interested in attending the Washington Leadership Conference in Washington, D.C. This is the third year for the scholarship program for students who are entering their second, third or fourth year of secondary education. The alumni looks to expand these scholarships as there is a considerable financial need for students beyond their first year of school.

While county restrictions related to large groups have been lifted in Dickinson County, the school district kindly asks that participants wear masks and social distance during the event when not eating or drinking.

"The Chapman FFA Alumni is lucky that we were still able to host our 2020 auction last year just before the world shut down," Melissa Reed, co-chair of the work auction, said. "While this year's auction is a little delayed from it's normal time, and the meal will look a little different, we will still offer the same fellowship and opportunity to support the best FFA chapter in the state of Kansas."

## AUCTION

## SATURDAY, APRIL 17, 2021 - 10:00 AM

Offering for sale at Public Auction, located at 904 SE 3rd St., NEWTON, KANSAS

FURNITURE, HOUSEHOLD ITEMS & SHOP EQUIPMENT Kitchen dinette set; 2 pc. bedroom set; entertainment center; corner cabinet; desk; reclining sofa; chairs; folding table & chairs; wooden shelves; 2 portable sewing machines; Kenmore upright freezer; Kenmore refrigerator: Amana elec. range: Kenmore washer: Capr dryer; microwave; treadmill; elec. heater; 2 Rainbow sweepers; books; decorations; canner & jars; baking dishes; pots & pans glassware; china set; old churn; utensils; craft & sewing supplies; apple peeler; old posters & pictures; bedding; numerous buttons; puzzles; shop built 3 wheel bicycle; lg. set of chimes; jewelry; shop vac; Craftsman band saw; Lincoln 180 welder; generator; Dake arbor press; Holley wood lathe; Craftsman 6.75 hp SP mower Craftsman chipper/shredder; Yardman rear tiller; Wallace radial arm saw; Craftsman table saw; Craftsman 20" scroll saw; pres-sure washer; whetstone; Foley 1" belt & drum sander; vise; wood lamps: socket sets: end wrenches: chain hoist: shop tables: elec

agency staff that KLA does not support executive mandates to enforce climate policy and opposes using such policy to redirect funding for programs that focus on resource concerns. KLA and NCBA are actively monitoring this issue to ensure producers and private property rights are protected.

#### ESTATE AUCT SATURDAY, APRIL 24, 2021 \* 10:00 AM LOCATION: 740 S. High Street - DIGHTON, KANSAS

MOWERS & TRACTORS, TRAILERS: 1960 Ford 8N tractor, 3 pt., pto., restored; 1974 Allis Chalmers 720 tractor, 3 pt., hydrostat, 810 hrs., restored; 1964 Springfield tractor mower, restored; Craftsman/JD riding mower, restored; JD LX176 riding mower, 42" deck; Cub Cadet self-propelled push lawn mower, ear bag; 18' car trailer; 10' utility

trailer, ramp gate. **PICKUPS:** 2006 Lincoln Mark LT pickup 4-dr., auto., V-8 motor, 88,960 mi. (not 4x4); 1999 Chevy S10 pickup, 4x4, 6-cyl. motor, 130,295 mi.

FURNITURE & APPLIANCES: Oak dining table w/6 chairs; Maple desk; blonde regular size bed & matching dresser w/mirror; blonde cedar chest; regular size adj. bed; King size head board w/matching armoire chest, dresser w/mirror, night stand; Oak gun cabinet; Whirlpool side-byside refrigerator, water & ice in door; Kenmore gas oven & stove; (2) blue leather rocker recliners: Oak end tables; plaid hide-a-bed divan; Oak entertainment center; rose rocking chair; cream & light blue divan; large curio cabinet; brass & glass coffee & end tables ANTIQUE & COLLECTIBLE: Pink Depression glass; Metal toy car & truck replicas; Lots of Precious Moments figurines; Tonka toys; Nail kegs; Phillips 66 old metal sign; Barn lantern; Brass spittoon; Saws & hand tools; Cream cans; Scott City Dairy milk bottle; Old block planes; Old Ford Thermometer; Child's rocker Some old dishes; Pocket knives Steel wheelbarrow; Chifforobe, SHOP & WOODWORKING TOOLS: Car ramps; Sever-al aluminum ladders; Propane bottles; DeWalt planer; Crafts man bench grinder; Bottle jacks Pipe wrenches; Quick grip wood clamps; Shop vac; Craftsman belt & disc sander: Roll around stools; Air hose & reel; Saw horses; Jack stands; DeWalt cord less tools; Delta shop Master midi lathe; Tradesman 9" band saw; Lots of hand tools; Propane heater; Cherry picker; Battery chargers & testers; DeWalt mitre saw; DeWalt table saw; Paint 8 stain. Bench model scroll saw Creepers: Craftsman router table & router; Craftsman mechanic tool chest: KTF bench model dril press; Black jack 2-ton floor jack Bolt bins; Parts assortments; Lots of woodworking tools & supplies LAWN & GARDEN: Rototiller Pull behind yard sprayer, 12-volt 3 pt. rear blade, 8'; Garden hose Shovels, rakes, hoes; Ryobi 18 volt weed eater; Propane bottles Fishing items. HOUSEHOLD ITEMS: Small

kitchen appliances; Card table & chairs; Vizio 36" flat screen TV: Stereo equipment; Dysor vacuum sweeper; Pictures; Bed ding; Samsung 32" flat screen TV; DVD; Barware; Silent butler.

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FIREARMS. OUTDOOR JD X300 Lawn Tractor w/collection bagger 365 hrs. (Nice! Bought From Heritage). Lawn Dump Trailer; 2-Person Bob's Sauna Model 002 110V w/ Car Audio System; Remington Fieldmaster 572 "Deluxe" Rifle w/box, Mossberg 1500.243WIN w/Scope, Marlin 80 .22, Remington 29 12 ga., Eagle Arms "Companion" 12 ga., Reming-ton Wingmaster 870 12ga., SKB over/under 505 12ga. w/ box & engraving, Stoeger Tur-key Camo 2000 12 ga. w/sling & box, 1920s J. Stevens "The Fully" 410, ROHM .22 revolver, Daisy Trail Rider Ricochet BB w/box, 1958 "Restless Gun" 4 in 1 Convertible Rifle w/Box RARE!, Daisy Red Ryder 70th Ann. NIB! ALL ATF Rules Apply KS Residents ONLY! See Inter net For Complete Detailed List! 1000+ Rounds of .22/12 & 16 ga., Others!; Vintage Paper Shell Boxes; Metal Gun Home Safe; Winchester Metal Target; Firearms supplies; Hunting Gear; Quail Unlimited Schrade Old Timer Knife Set; Hunting Shadow Box Displays; Free Spirit Training Collar; Walnut Gun Rack; Hunting Prints: Maynard Reese, Quail Unlim-ited, Wm A Moore, Edwards, Others! (See Internet For Detailed List!); Fishing & Fly Fishing Gear; Camping.

Head!

COLLECTIBLES

1960s John Deere Pedal Trac-

tors & Trailer; US Flver & Rov-

Transit; Lawrence Fire Gear (Helmets/Bunker Pads/Boots); The First Fifty Years 1854-1904 Glen L. Kappelman Print

Set NIB; Framed Lou Gehrig &

Super Bowl 50 Tickets; Movie

Posters: Framed Bob Marley &

Fear and Loathing in Las Vegas Posters; DONKEY KONG Model TKG3-US Nintendo Ta-

ble-Top Coin Operated 2 Player

Game; Pac-Man Mini Game;

Pee-Wee Herman items: Star

Wars Yoda cardboard cutout;

Mercury Rocket Bank Capi-tal Federal Law/Topeka; Sun

Rubber & Dinky Trucks; Nylint #6 Fire Ladder Truck; JD 5200 Tractor; Snap On Step Van;

Die-Cast Banks/Vehicles; Jen-

Scout Knife w/box!; KC Ath-letics & LA Dodger Pennants;

Wilson Michael Jorden watch; Triumph Motorcycle Manuals;

War Ration books; Canadian

paper currency; costume jew-

elry: turquoise belt buckle: vin-

tage flatware; Meakin Ironstone

Pitcher & Bowl; glassware; quilt

& vintage lace/linens: Germany

Cuckoo Clock; Walnut Hand-

& hand tools; household décor;

box lots; many items too nu-

Cub

ny Wren Knife; Official

**ESTATE AUCTION** SATURDAY, APRIL 17, 2021 - 9:30 AM 1545 N. 3rd, LAWRENCE, KANSAS (N. Lawrence) FURNITURE, COLLECTIBLES, HOUSEHOLD 50+ Longaberger Baskets & Accessories; Large Selection of Costume Jewelry & MORE! See Last Week's Grass & Grain For Listings & Please

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drills; wheelbarrow; gas trimmers; sawzall; sanders; Little Rascal scooter, needs work; router; grinders; hand tools; hardware; orga nizers; many sm. parts; air tools; porch swing; ladders; & more. **CLARENCE L. TROXEL ESTATE** 

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made Gentleman's Dresser; Oak Chest; Stackable Lawyers Bookcase; Oak Roll-Top Desk; Cedar Wardrobe; Cedar Chest; Walnut Gate-Leg Kitchen Dinette Table; Duncan Phyfe Table; Smoke Stand; Chest Drawers: wooden child's table/chairs: **KU COLLECTIBLES** wooden rockers; book shelves; Jaydreamin Roy Williams Framed Picture; 1986 Framed Louis Copt Picture; Vintage The Bend in River picture; Pro-Form XP Treadmill; Aiwa Stereo Final Four; 1991-98 Framed Tickets; Roy Williams signed Al-len Fieldhouse Bldg. & BB floor piece; KUBBS/KUFFS Button; System w/Subwoofers; JVC surround system; Boston Two Speaker Set; Xbox; Wii; metal Wheaties Box; Bill Self Bobble patio set; patio propane colored glass rock pit; Lincoln AC 225 Welder; DeWalt 710 Radial Arm HOUSEHOLD & MISC. Vintage Wooden Barteldes Saw; Rockwell Miter Saw; Milwaukee Worm Gear Saw: Gra-Seeds Folding Display LAWco Trade Works 170 Cart Paint RENCE KS/Denver Very Rare! Sprayer; Tool Locker Cabinet; (Misprint of Lawrence! One of a Stihl Chainsaw w/case: Rem-Kind!); The Mangelsdorf Seed ington Pole Saw; Craftsman Atchison KS Seed packets; Olpush mower; power/hand tools; iver #9 Typewriter (Rare!): 1878 furniture dolly; shop cabinets; Everlast punching bag; garden Seth Thomas Mantel Clock; (2)

al Racer Wooden Snow Sleds; merous to mention! SELLER: DAVE & CHERYL STOFFER

AUCTION NOTE: Traditional Auction with many hidden treasures and well-kept items! Inspection Day of Auction Only!

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CONSIGNMENT AUCTION SUNDAY, APRIL 18, 2021 — 12:00 NOON Auction held at the 4-H Building at the Fair Grounds in BELLEVILLE, KANSAS fert. spreader; edger; 3' pull lawn

#### VEHICLES, MACHINERY, LAWN & BOAT

2005 Grand Am; 2001, Dodge 1500 pickup; 1999 Chevy Camaro low miles; 1997 Chevy Tahoe 4x4; 1990 Chevy Silverado ext. cab 4x4 pickup; 2 PU alum. tool & side boxes; 14,15,16, & 17' tires & rims; 4 chrome Ford PU alum. wheels; 2 sets Chevy PU alum wheels 6 hole; set chevy after market black wheels & new tires 6 hole; 2 chevy PU flarers; PU bed w/Tommy lift; *Machinery:* 1966 Ford 2000 tractor, repainted; 1949 AC WD nf tractor; AC 1 shank ripper; JD mod L 2 wheel manure spreader; 3pt. post hole digger; (2) 5x9' tilt bed utility trailers; 3 ton hopper wagon; 8' sweep auger; 2 front wheel assist 16-9-R26 Firestone tires; (2) 6 hole 30x11.5-14.5- 24 ply air craft flotation tires & rims; (2) 100 gal. propane tanks; new elect. winch; wood splitter; salt spreader; ATV tires & wheels; 3 pt. bale forks; NF for 5000 Ford tractor; 4 metal 9' feeder panels; Lawn: Craftsman, Yard Machine, & Marty J 1800 riding lawn mowers; Toro SP mower; push mowers; Snapper 5hp. Rear tine tiller; 2 wheel tilt bed cart; yard pull rake; sweeper;

TOOLS, HAY & HORSE EQUIP Craftsman 5000 KW 10hp. generator; Snap On elect. power washer; Poulan 2400 chain saw Craftsman 3 drawer tool box elect. air compressors; propane space heaters; bench vise; (2) 5 gal. shop vac; 12" Dewalt saw w/stand; 6" jointer; 2 10" table saw; B&D adj. bench; coil nailer; plunge router; wrenches, elect. impact wrench; socket sets; drills; utility carts; extension step, & adj. ladders; ladder jacks refrigeration gauge set & recovery machine; metal scaffolding; battery charger; wheelbarrow exhaust fan; wheelbarrow; leaf blower; boomers; small awing hand & garden tools; 80 smal square grass hay; Horse Equip: Martha Josey saddle; 11 sets horse harness; assort. collars & pads; 11 sets hames; halters 8 bridles; double tree; wooder collar; stirrups; cow kickers. HOUSEHOLD, **HUNTING & FISHING** 

aerator; 3pt. tiller; snow blower

weed eaters; 4 rolls 4' & 6' chain link fence; Celebrity 14' Tri Hull

350 inboard bass boat

Nice furniture, appliances, lots nice hunting & fishing supplies!

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#### **BELLEVILLE HIGH BANKS** HALL OF FAME & MUSEUM

**AUCTIONEERS: NOVAK BROS. & GIEBER** Website: www.nckcn.com/novakbrosgieberauction/ Roger Novak 785-527-1302 Troy Novak 785-527-0359 Les Novak Butch Gieber 785-527-0711 785-527-0200

#### Grass & Grain, April 13, 2021 Page 10 Agronomy research book equips farmers for 2021 growing season success

Golden Harvest® released its Agronomy in Action 2021 Research Review to help corn and sovbean farmers across the country prepare for the upcoming season. With all-new updates that build on last year's edition, the book is a testament to Golden Harvest's commitment to delivering best-in-class agronomy and service.

The Agronomy in Action 2021 Research Review provides a comprehensive review of applied and practical agronomic studies

conducted during the 2020 growing season at Golden Harvest Agronomy in Action research sites, with more than 150 pages of insights to help farmers make research-based decisions this season. Agronomy in Action research sites are set up at eight main locations and upward of 70 locations for a few specific trials across the Corn Belt to provide localized research studies and applicable findings, so that farmers can focus their valuable time on their crop production.

"Not only does the book provide great agronomic information that is beneficial for any corn or sovbean farmer to have. but it also provides specific data and recommendations tailored to the Golden Harvest portfolio," said Bruce Battles, technical agronomy manager at Syngenta. "This year's edition of the Agronomy in Action Research Review features a wide range of topics, such as narrow row corn response, innovative seed treatments, fertility responses and biologicals.' The book features

close to 50 research articles, organized by the six stages in the season that correspond with the Golden Harvest Service 365 commitment to deliver the ultimate service experience to farmers, all year round:

Season Prep Establishment Plant Growth **Yield Potential** Harvest Prep Harvest and Post-Harvest

Each section includes

trial results and learnings to help Golden Harvest farmers mitigate risk and adjust management techniques for each stage of the 2021 growing season and beyond.

"Some of our trials focused on management systems that the average farmer might not have implemented yet," Battles said. "The results captured in this book might not change what a farmer does today, but they can help them prepare and adapt for the future." The Agronomy in Action 2021 Research Review is now available for download at GoldenHarvest-Seeds.com. Hard copies will be sent to existing Golden Harvest farmers.

The Golden Harvest portfolio is available from Golden Harvest Seed Advisors, who combine highyield potential corn and soybean seed options with local agronomic knowledge and deliver a Service 365 year-round commitment to doing whatever it takes to vield results for farmers.

#### New resource from Pioneer answers common questions about Enlist E3<sup>®</sup> soybeans agronomy lead. "Whether

As millions of new acres are planted to Enlist E3® soybeans this spring, Pioneer is working to ensure farmers have the information they need to make the best management decisions for their operations.

A new online resource from Pioneer allows farm-

**FURNITURE &** 

STORE FIXTURES

love seat; pine cabinets; li-

brary table; carpenter's chest;

bar; settee; several trunks;

Stakmore folding chairs;

child's chairs; assortment of

**COLLECTIBLES** 

country furniture.

ers to submit their questions about Enlist E3 soybeans and get answers to frequently asked questions (FAQ).

"We expect farmers to plant Enlist E3 soybeans on approximately 30 percent of U.S. soybean acres in 2021," said Brent Wilson. Pioneer product line and

### **\*\*EQUIPMENT AUCTION \*\*** FRIDAY, APRIL 16, 2021 - 10:00 AM AUCTION LOCATION: 624 Rosewood St., ROSE HILL, KS ESTATE OF JOHN ENGELS, SELLER

COMBINE: Allis Chalmers Gleaner F Combine. TRUCK: (2) Chevro let 50 Grain Trucks. TRACTOR: Case 970, Cab, Rear Duals \* Case 830 w/Front End Loader. IMPLEMENTS & EQUIPMENT: Schulte 570 Rotary Mower \* JD Grain Drill \* Krause 18' Chisel \* Miller Tandem Offset Disc 20' \* JD 8350 Grain Drill \* Krause Chisel 14' \* Pipe \* Case 4 Bottom Plow \* JD Header Trailer \* Hesston 5200 Round Up Bale Loader \* AC Rolling Cultivator \* JD 400 Rotary Hoe \* JD 20' Field Cultivator \* Scrap Iron \* (2) JD Tandem Disc \* Cattle Panels \* **TOOLS** FURNITURE, & HOUSEHOLD MISC.

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or evaluating the system for next growing season, Pioneer is ready to help. We have one of the largest localized research testing programs in the country, and we want to share that knowledge to help make growers more successful." The resource draws on

farmers are planting these

beans for the first time

results from hundreds of on-farm trials of Enlist E3 soybeans and thousands of data points to help farmers make decisions.

Matt Essick. Pioneer agronomy manager, regularly receives questions about Enlist E3 soybeans and believes that will continue as farmers move from planting into application season.

"Farmers have been

ing rough; windmill weights

diamonds: several Halloween

pieces; glass globes; freight

cart; ammo boxes; hardware;

books; large amount of good

paper; yard stick collection; pen & pencil collection; as-

sortment of other very good

asking great questions about variety selection and how to best manage the Enlist  ${}^{\scriptscriptstyle\rm TM}$  weed control system," Essick said. "As we move into summer, we know farmers will have questions about herbicide application, especially how they can harness the power of three herbicide modes of action to control glyphosate-resistant and other hard-to-control weeds."

Navigating a new system Fifth-generation South Dakota farmer Morgan Holler grew Pioneer® brand Enlist E3 soybeans in 2020 and said Pioneer helped him make the transition to a new herbicide system. When considering Pioneer brand Enlist E3 soybeans, his primary questions centered around

weed control and variety selection.

"Kochia and waterhemp are my main problem weeds, but I need something that will control all my weeds and make life simpler," Holler said. "We were really surprised with how clean our fields were, and the yields were comparable to other beans on our farm."

Holler said the longer application window with Enlist<sup>TM</sup> herbicides allows him to control weeds during the summer months and make agronomic decisions based on field conditions rather than herbicide application deadlines. Along the way, his Pioneer field agronomist answered his questions and provided invaluable insights for success.

"Our Pioneer field agronomist is a wealth of knowledge, and we turn to him for a lot of information," Holler said. "He's an important part of the seed decision process because he's very familiar with the agronomics in our area. When we have questions, he helps us navigate those challenges and gets us the answers we need."

Holler will plant 100% of his soybean acres to Pioneer brand Enlist E3 sovbeans in 2021 and said the Enlist weed control system works well if farmers follow the label directions and use resources from Pioneer, including the local field agronomists and FAQ resource.

Visit the new FAQ resource at www.Pioneer. com/EnlistE3FAQ.

## New plan minimizes trade disruption if ASF is detected in feral swine during an outbreak of ASF

in feral swine, while min-

imizing the effect on the

trade of live swine, swine

products and other swine commodities, APHIS said

The protocol outlines that all trade between

both countries would ini-

tially stop if ASF is detect-

ed in feral swine. Then, trade would resume in

three progressive phases

in a release.

USDA's Animal and Plant Health Inspection Service (APHIS) and the **Canadian Food Inspection** Agency (CFIA) announced a new protocol recently to help ensure bilateral trade will continue if African swine fever (ASF) is detected in feral pigs in either country, while still absent from domestic pigs. The protocol's intent is

to protect the swine populations in both countries



restrictions on live swine, swine germplasm and un-treated swine commodities.

"Continuing trade with Canada in the event of a feral African swine fever detection is important to our stakeholders, and this trade protocol provides the necessary guidance to minimize the impact to the swine industry," USDA chief veterinarian Burke Healey said in a release. "This collaborative effort uses a science-based ap-proach to ensure trade between both countries resumes as quickly as possible.'

The speed at which the U.S. and Canada estab-lish initial control areas, initiate surveillance/case findings and removal in feral swine, and start surveillance in captive swine, will determine when the countries enter phase two of the protocol. During the third and final phase, trade restrictions are reduced to the boundaries of the established control area, APHIS said.

ing board); Coca Cola coin (chicken, horse w/base); pay telephone; oak wall tele-Oak bookcase w/leaded glass; oak roll top desk; 16 op cooler; Calumet Baking Powder wall regulator clock, phone; 2 pedal cars; 60's pane walnut corner cupboard; several Dr. Pepper signs & bicycle w/gas tank; saddle thermometers; Winston thervice w/advertising box; sevoak clawfoot china cabinet; oak high back bed; oak dental mometer; signs inc: (Quaker eral Aladdin lamps; picture Richardson's Rugs; Cola; Esso, other); frames; painting; Van Briggle vase; several advertising oil cabinet; Veterinary cabinet; State: Dr. cabinet; oak store cabinet Coca German helmet; Okla. Land Dove Brand Spices; 4' store & gas tins; dress form; suggrant; Gramophone w/brass showcase; 8' x 8' store wall bucket; furs; collection of ladies & men's clothing; showcase; pocket watch dis-Guth-Fan fancy fan; horn: play w/watches; several oak bronze Deco statue; street Davey Crockett cloths like showcases; shoe store stand; new; child's music items; Joe sign; glass straw container; Enterprise coffee grinder; Lionel train cars; Budweiser Palooka lunch box; assortwalnut etagere; 4 stack oak picture; 5 cent peanut mament adv tins; double match bookcase; 8' early walnut grandfather clock; Victorian chine; stain glass window; holder; wooden duck decoys; 50 state belt buckles w/icon

ANTIQUE AUCTION

SUNDAY, APRIL 25, 2021 — 10:00 AM

Auction will be held in the Commercial Building at the Fairgrounds at M & 9th Streets in

**BELLEVILLE, KANSAS** 

washer, organ stool & iron-

tobacco jar; Črocks: 5 gal Waconda jug w/red wing; 3 gal Waconda jug; 20 gal Birch leaf; 4 gal RW large wing water cooler; Miller's Creamery beater jar; other crocks; 2' x 3' painting "Battle Of Atlanta" July 22 1864 McCormick Har-

Salesman samples (Maytag vester Machine Co. advertiscollectibles NOTE: This is a large quality auction of 2 individual collectors. Check our website for pictures at www.thummelauction.com. For your safety wear your mask.

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



"When it comes to marketing Ag Real Estate or Ag/Residential Real Estate I am SOLD on Grass & Grain. I came to Grass & Grain looking for increased exposure for a tract of ag real estate I have listed in northern Pottawatomie County. We came up with a 4-week plan to advertise in the Real Estate section of the classified ads. The week the ad came out I received numerous calls resulting in several showings."

"I then ran a 1/4 page ad in the Spring Full of Bullz feature section. Once again, the exposure resulted in numerous calls coming from interested individuals outside of the area and several showing requests. This property will be under contract soon."



RANDY KUFAHL **REALTOR**<sup>®</sup> FOUNDATION REALTY 785-556-2414 RANDY@FOUNDATIONKS.COM YOUR REALTOR® FOR NORTHEAST KANSAS

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APHIS and CFIA will continue to work with in-dustry and other stake-holders to ensure that both countries have the processes and procedures in place to fully carry out

the protocol. USDA is partnering with the swine industry, hog producers, other gov ernment agencies and neighboring countries to keep this deadly virus out of North America. At the same time, APHIS points out that the U.S. does have response plans in place and incident management teams ready to deploy in case ASF does reach the U.S. swine herd. More in-formation on ASF, partner resources, and additional resources for producers and veterinarians are available on the APHIS ASF webpage.

FRIDAY, APRIL 16, 2021 - 4:30 PM Auction will be held at the home located at 1413 Huntress in CLAY CENTER, KS Clay Co School map; anniverder horn; pocket knives; bas-PICKUP Sells at 6:00 P.M. 1997 Chevrolet S10 LS 4 sary clock; crocks inc: 3 gal kets inc: Longaberger; tapeswheel drive pickup auto, PS. Red Wing churn, 10 & 20 gal try's; Rayo & kerosene lamps; ANTIQUES COLLECTIBLES Kansas car tags; Model T coil RW crocks, brown crocks, oth-& HOUSEHOLD points unopened; Dwight's er: cast iron mechanical bank: Superior blue porcelain wood Soda wood box; cookie cutmetal service station; race car burning cook stove; 52' cast set; doll dresser; doll house; ters; bottles; trike; wagon; iron cemetery from Bloom doll items; Kay-EE Sew Mas-50's stroller; wicker stroller; cemetery; Legal Holiday from ter sewing machine; 60's farm refrigerator jars; trivets; cream Bank of Green; pine dry sink; toys; 50's metal trucks; cast cans; seeder; lard press; bufoak highboy; oak dresser; iron car; Davy Crockett cup; falo meat grinder; cast iron & Lone Ranger & Donald Duck painted bed, dresser & chair; copper boilers; sled; croquet puzzles; child's suitcase; comset: lanterns; bucksaw; car pattern back sewing rocker; mahogany arm chair; flat top ics; games; Halloween masks; mirrors; thermometers; apple trunk; cut down round oak cap guns; erector set; Post peeler; antique wrenches; scale; buckets; egg basket; assortment other antiques; table; floor lamp; cast iron Master cigar & Camel tins; footstool; white work table; 50's GE radio; set blue Cam-Household inc: new lift chair; dropleaf table; school desk; bridge china; carnival bowls; floral divan; recliners; 18" TV assortment dishes; Hull vase; child's desk & chair; cast iron child's tea set; pitcher, bowl & pot; Universal Stove & Range baby bed; 1847 Rogers Bros 3 pc queen bedroom set: 3 silverplate; paintings; strong pc 70's bedroom set; full size box; quilts; fancy work; bedadvertising; political pin backs; bed; 60's china cabinet; vacuspread; Little Orphan Annie costume jewelry; pocket & ums; bar stools; office chairs; hankies; Roy Rogers blanket; wrist watches; perfume botexercise equipment; Handicap material; sewing items; vintles; Guns inc: Remington 22 equipment; kitchen items; yard tage clothes; dresser lamps; octagon pump, Western Field bench; assortment of oth-12 ga pump, Stevens 12 ga double barrel hammer; power items. Yard tools; chicken assortment good books inc: Bobb's Merrill readers: 1920 equipment; hand tools. DON & MARILYN AFFOLTER ESTATES

NOTE: This is a very clean auction with many collectibles. We will be outside in the front yard. Please wear your mask for your safety. For pictures check our website www.thummelauction.com. Lunch by 1st Presbyterian Church Youth Group

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

# Grass & Grain Area **Auctions and Sales**

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

Always great online Equipment auctions www.purplewave.com

Online Auction (beginning to end April 15, 10 AM) — Farm Machinery: Combines, tractors, trailers, truck, semis & more held online at www.gavelroads.com for Gary & Pam Allender retirement. Auctioneers: Gavel Roads **Online** Auctions.

April 12 - 70+/- handguns, rifles & shotguns & ammo, silver coins & bars, knives, swords, pocket watches held at Benton for Estate of Raymond Vaughters. Auctioneers: Sundgren Auction & Realty.

April 13 - Guns & Ammo, old veterinary tools, oil & gas cans, jewelry, coins, antiques, vintage tovs & more held at El Dorado. Auctioneers: Sundgren Auction & Realty.

April 13 - 197.4 acres m/l if Geary County farmland & cropland held at Junction City for Allen R. Kamm Trust. Auctioneers: Midwest Land and Home, Jeff Dankenbring & Mark Uhlik.

April 15 — 2007 Buick Lucerne CXL 4 door car, household & collectibles including sewing machine, furniture, artwork, figurines, crocks, toys, dolls, records, glassware, jewelry, Craftsman 525 snow blower & more held at Osborne for Barbara Wierenga Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

April 16 — Equipment auction consisting of combine, truck, tractor, implements & equipment, tools, furniture, household miscellaneous held at Rose Hill for Estate of John Engels. Auctioneers: Sundgren Realty & Land Brokers.

April 16 — 1997 Chevy S10 pickup, antiques, collectibles & household including Superior blue porcelain wood burning cook stove, furniture, crocks, cast iron items, guns, costume jewelry & more held at Clay Center for Don & Marilyn Affolter Estates.

Strawn for Donna Stewart. Auctioneers: Kurtz Auction & Realty Service.

April 17 — Vehicles & equipment, shop tools & supplies, lawn & garden, household & collectibles held at Hutchinson for the Mark Call Estate. Auctioneers: Morris Yoder Auctions.

April 17 — 266.44 acres m/l of Washington County Land consisting of T1: 28.32 m/l acres cropland; T2: 101.29 m/l acres cropland held at Hanover for Heirs of Donna Lohse. Auctioneers: Midwest Land & Home, Jessica Leis, listing agent; Mark Uhlik, broker.

April 17 — 2001 Chevy Silverado 1500 pickup, Farm equipment including Farmall 300 NF, Farmall W-4, Farmall Cub, tractors, mowers & more, 40 cuckoo clocks & household & miscellaneous held at Newton for Estate of Alvin W. Rodgers. Auctioneers: Auction Specialists, LLC.

April 17 — Furniture, collectibles, lawn tractor, tools & miscellaneous held at Council Grove for Sonny & Pat Johnson Estate. Auctioneers: Hallgren Real Estate & Auctions, LLC.

April 17 — Furniture, collectibles, household, 50+ Longaberger baskets & accessories, large selection of costume jewelry & more held at Lawrence for Nyle & Sharon Wiggins Estate. Auctioneers: Elston Auctions.

April 17 — Furniture. antiques, collectibles, guns & ammo held at Portis. Auctioneers: Wolters Auction & Realty.

April 17 — Tractors, combines & headers, pickup, trucks & car, farm equipment, lawn & garden & seed, miscellaneous, large amount of scrap iron held at Valley Falls for The George E. Shepard & B. Charlene Shepard Trust. Auctioneers: Harris Auction Service, Dan Harris & Cody Askren.

April 17 — Farm auction consisting of Tractor, harrow, grain cart, field cultivator & more farm equipment, tires, vintage Chevy seat & more held at Rich Hill, MO with online bidding at Equipment-Facts.com for Joyce Davenport, David & Kathie Davenport. Auctioneers: Marty Read Auction Service.

April 17 — Real estate

recreational items & miscellaneous held at Galesburg for Vern Heilman Trust Estate. Auctioneers: Larry Marshall Auction & Realty, Mark Garretson, **Truston Garretson & Larry** Marshall.

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

April 18 — Gun consignment auction including a large portion by the Cleve Dunn Estate held at live at Salina with internet bidding at Proxibid.com. Auctioneers: Wilson Realty & Auction Service.

April 18 - Consignment auction consisting of vehicles, machinery, lawn & boat, tools, hay, horse equipment, household, hunting & fishing & more held at Belleville for Belleville High Banks Hall of Fame & Museum. Auctioneers: Novak Bros. & Gieber.

April 20 - 200 acres m/l of Butler County land consisting of high quality native Flint Hills pasture, 3 ponds, windmill, close to El Dorado Lake, rural water line, ag operation or building site held at El Dorado for Estate of Velma A. Milbourn. Auctioneers: Sundgren Realty. Inc.-Land Brokers.

April 20 — Real estate & personal property auction consisting of a 5BR, 3BA home located close to the K-State campus held at Manhattan. Auctioneers: Crossroads Real Estate & Auction, LLC.

April 20 -Marion County Land consisting of 160 acres m/l of diverse land. 70 ac. tillable, 31 ac. CRP, balance in native pasture, hay meadow & timber. Several building sites, rural water meter, excellent deer & quail habitat held at Hillsboro. Auctioneers: SunGroup Real Estate & Appraisals.

April 20 - Land Auction: 36.558 ac. m/l Eastern Colorado and Western Kansas offered in 28 tracts & combinations consisting of 3,647 ac. m/l irrigated land, 11,705 ac. m/l dry land farm, 13,293 ac. m/l ranch land held at Burlington, Colorado for Rother Farm & Ranch. Auctioneers: Hall and Hall.

April 24 — Farm equipment consignment auction consisting of vehicles, ment & kitchenware, trailers, farm machinery & - DU equipment, tools & miscelpiano, appliances, 23 pews laneous held at Junction from Rock Creek Church, City. Auctioneers: Brown 4 room cabin 20'x24' to be Real Estate & Auction Sermoved held Northeast of vice, LLC. Sabetha. Auctioneers: Ash April 24 — Coins, pock-Realty & Auctions, LLC. et watches, household & miscellaneous, farm items, lawn & garden, lots of antiques & collectibles held at Virgil for Blanche Crane Estate. Auctioneers: Kurtz Auction & Realty Service. ANTIQUE & COLLECTIBLE AUCTION SATURDAY, APRIL 17, 2021 — 10:00 AM Community Bldg. - NEW STRAWN, KS \* Food by Big B's BBQ 1 Owner sale with Lots of Antiques, Collectibles, Small Showcase-type Collectibles, Glassware, Nice Antique Furniture, Miscellaneous \*Building open at 8:00 am for viewing on sale day.\* More Complete Sale Bill & Pics: www.kansasauctions.net/kurtz **DONNA STEWART, OWNER** KURTZ AUCTION & REALTY SERVICE kurtza AUCTIONEERS: Darwin W. Kurtz: 785-448-4152 AUCTION & REALTY SERVICE & Col. Ben Ernst: 620-364-6786 Westphalia, KS PUBLIC AUCTION

April 24 — Tractors, mowers & trailers, pickups, furniture & appliances, antiques & collectibles, shop & woodworking tools, lawn & garden, household held at Dighton for Bob Kennemer Estate. Auctioneers: Berning Auction. Inc.

April 24 — Consignment auction held at Salina. Auctioneers: Wilson Realty & Auction.

April 24 – School kitchen equipment, office & supplies, household & tools & more held at Haddam for Haddam High School Alumni. Auctioneers: Novak Bros. & Gieber.

April 24 - Real Estate consisting of 4 bedroom ranch home on .93 acres. Also selling furniture, household, banjo, 3 flatscreen TVs. Eisenhower "The Kansas Legend" picture, Tonka trucks, sewing, power washer, snow blower, riding mower & more held at Manhattan for Dick & Evelvn Dunham Trust. Auctioneers: Gannon Auctions, Bob Thummel, broker; Nicole Gannon Wright, agent.

April 24 — Public auction held at Lawrence for Dave & Cheryl Stoffer. Auctioneers: Elston Auctions.

April 25 — Tractor, hay equipment, trailer, Dodge 1-ton w/bale bed, lumber, collectibles, vintage, fencing items, etc. held at Tonganoxie for Ted & Kim Wiles. Auctioneers: Wischropp Auctions.

April 25 — Furniture, store fixtures, collectibles including Salesman samples, collectible signs & thermometers, crocks, Lionel train carts, Aladdin lamps, advertising oil & gas tins, duck decoys & much more held at Belleville. Auctioneers: Thummel Real Estate & Auction, LLC.

April 27 — Real Estate consisting of a 4 bedroom, 2 bathroom country property on 6.1 acres with fantastic views. Also selling personal property consisting of collectibles & primitives. furniture, appliances, outdoor items, tools & miscellaneous held at Alma. Auctioneers: Crossroads Real Estate & Auction, LLC.

May 1 — Dozer, Equipment & Tool auction held at Marysville for Richard L. Forst Estate & (tools from Sherry & (Mike) Gregory). Auctioneers: Olmsted & Sandstroms.

May 1 — Nationally known Sycamore Springs Resort antiques & collectibles auction including many items from the 1920s & 30s including furniture, restaurant equiphousehold including 1/3 Mastodon tooth (approx. 11,000 years old), saws, tools & other. Also selling a 2-story 3 bedroom home on large corner lot held at Barnard for Darrell E. Eilert Estate. Auctioneers: Thummel Real Estate & Auction, LLC

May 1 — 85+/- Guns. ammo, brass, etc. held at Emporia for a local seller. Auctioneers: Flint Hills Auctions & Wayne Wischropp Auctions.

May 1 — Tractor, Building Supplies & much more held at Lawrence for Brad & Stephanie Shelley. Auctioneers: Elston Auctions.

May 1 — Collectible tractors & parts, shop equipment & miscellaneous held at Leonardville for Larry Dettmer. Auctioneers: Kretz Auction Service.

May 2 - 1000s of Coca Cola Collectibles (old & newer) including 50s & 60s clocks, pedal car, table & chairs, trays, signs, tins, trains, villages, toys, Christmas & more held at Salina for Jerry Olson Estate & Kandie Olson. Auctioneers: Thummel Real Estate & Auction, LLC.

Mav 3 — Real estate consisting of older 2-bay building (former service station). Also selling tractor, trailers, tools & collectibles held at Delphos for Roger Yager Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 4 — 1,897 acres m/l of Chase County land offered in 3 tracts & combinations consisting of farmland, ranch land, hunting & homesite held at Cottonwood Falls for Cowan Farm & Ranch. Auctioneers: Hall & Hall.

May 8 — Real Estate consisting of 3BR Bungalow home on 15.64 ac; personal property including: guns, 1950 Ford Custom 2-dr Sedan, 4 wheeler. zero turn mower, tractors, trailer, tools, generator, household, collectibles held at Rossville for Jeannine Dodds. Auctioneers: Gannon Auctions. Bob Thummel, broker; Nicole Gannon Wright, agent.

May 8 — Combine, trucks, tractors, hay equipment, skid steer, tillage equipment, farm equipment, 100 big round bales prairie hay, 10 round bales alfalfa, shop items & more held at Salina for Fred & Ardyth Brightbill. Also selling for neighbor: Tillage equipment, fertilizer spreader, JD Hi Cvcle field Wick 42' w/transport trailer, farm equipment & more for John & Kellie Thelander. Auctioneers: Bacon Auction Company, Royce Bacon.

75+ Firearms, May 8

gun safes, Winchester Collectibles held at Lawrence for Private from Eastern KS. Auctioneers: Elston Auctions.

May 15 — Antique furniture, antiques, glassware & collectibles, household, tools & more held at Ellsworth for Dr. & Mrs. Derril Gwinner. Auctioneers: Meitler Auction Service.

May 15 — High End Collectibles, tools, household items held at Lawrence. Auctioneers: Elston Auctions.

May 15 & 16 — Selling 5-15: Over 1,500 tools of all kinds including fence tools & stretchers; selling 5-16: Large license tag collection, spark plug collection, signs, advertising, padlocks, spurs, shucking hooks, planes & more held at Salina for Harold Jehle Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 22 — Firearms Collection & Hunting Enthusiasts Collectibles. Outstanding one owner collection held at Lawrence. Auctioneers: Elston Auctions.

May 23 — Outstanding collectibles auction consisting of antiques & collectibles including knives. Coca Cola, Elvis Presley, stamp collections & more, tools, lots of quality toy tractors & pickups, glassware & more held at Seneca for Kenneth Alexander. Auctioneers: Dan Deters Auction Company.

May 29 — Truck, trailers & equipment, tools & household held at Beloit for Dwaine Chinander Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

May 31 – Cars including 1958 Chevy Cameo pickup, 1958 Chevy Del Ray sedan, 1967 Chevy 1/2 pickup, 1952 Chevy sedan, 1977 Chevy Vega & more, Farmall Cub tractor, signs, new parts & collectibles, tools & new parts held at Hill City for former Money Chevrolet, Mike Money. Auctioneers: Thummel Real Estate & Auction, LLC.

June 5 — Farm auction held at rural Eudora. Auctioneers: Elston Auctions.

June 6 — Estate gun auction including a nice variety of approximately 250 high quality guns held live at Salina with online bidding available. Auctioneers: Wilson Realty & Auction Service.

June 12 — Estate auction held at rural Lawrence for Dwane & Dorothy Schaake Estate. Auctioneers: Elston Auctions.

June 26 — Farm auction consisting of 20 to 30 Collectible Tractors, trucks, trailers, collectibles, etc. held at rural Eudora. First several auctions tioneers: Elston Auctions.

Auctioneers: Thummel Real Estate & Auction, LLC.

April 17 — Furniture, household items & shop equipment held at Newton for Clarence L. Troxel Estate, Annie M. Troxel, seller. Auctioneers: Van Schmidt Auction.

April 17 — Lots of antiques, collectibles, small showcase-type collectibles, glassware, nice antique furniture & miscellaneous held at New

& farm machinery consisting of 320 acres m/l of Native & Tame grass including 1,094 sq. ft. 3BR, 1BA home and machinery shed. Also selling machinery held near Lindsborg for Bonnie Koons Trust. Auctioneers: Triple K Auction & Real Estate.

April 17 — Farm machinery, trucks, livestock equipment, landscape/ lawn equipment, windmill, shop, household, antiques & collectibles, grain bins,

\*\*

Bentwood chairs, player

May 1 — 1971 Harley FLH Motorcycle, Harley side car, 1971 Harley FLH, 1947 Harley knuckle head flywheel, cars, pickups & trailers, Guns, ammo coins, collectibles &

## SATURDAY, APRIL 24, 2021 — 10:00 AM Auction held at the High School building at the West edge of HADDAM, KANSAS

SCHOOL KITCHEN EQUIP., **OFFICE & SUPPLIES** 

Vulcan 10 burner double oven gas commercial range; Boldgett upright commercial double convection oven; 2 Valcan 4'Wx5'Lx6'T self contained walkin refrigerator/freezer; Hobart large mixer; Aerolet stain-less hot cart; large stainless kitchen exhaust hood; Whirlpool side by side refrigerator; hanging stainless pot hanger; pots; pressure cookers; 20 Formica top 6' tables; 11 black chrome dining chairs; 70 metal folding chairs; 120 double wood folding chairs; cabinets; shelving; counters; bookcases; elect. digital basketball scoreboard; roll down maps;

Social distancing & masks recommended.

wood swivel office chair; 5 world globes; base drum; volleyball net; 2 & 4 drawer file cabinets; 3 speakers; unload roller & stand. HOUSEHOLD & TOOLS Oak triple hutch; entertainment

center; kitchen table & chairs; cof fee & end tables; rocking chair dressers; hall tree; 3 TVs; oal 4 pc. bedroom set; queen & ful beds; bedding; 2 couches; love seat; 2 futon couches; oak writing desk; floor, table & night lamps vacuums; dehumidifier; elec treadmill; figurines; Lots other good household, furniture, appli ances & misc.; Tools; 2 dolly carts 20' extension, 8' & 12' wood step ladders; work light; & other items

ammo, reloading, 2 large

# ATTENTION AUCTIONEERS **NEW AD DEADLINE:** Friday BEFORE 11:00 AM

- Due to new printing deadlines, all AUCTION ADS have to be sized by Noon and ads submitted after 11:00 AM will not be accepted.
- Ad deadline IS NOW 11 AM. It is always recommended to try and submit auctions by the end of Thursday for proofing purposes.
- Deadline for the Free Auction Calendar is 11 AM each Thursday. You are welcome to send your listing as soon as you have it and before advertising starts.

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

# AUCTION SATURDAY, APRIL 17, 2021 - 10:00 AM 5717 NW 12th Street, NEWTON, KANSAS

EQUIPMENT 2001 Chevrolet Silverado 1500 PU, V6 engine, ext. cab, 105K miles; Farmall 300, Narrow Front, 2 pt, PTO, TA, rear weights, good rubber & good metal; Farmall W-4, PTO, good rubber & lights, SR# 25518W1; Farmall Cub, 54" Belly mount Blade, good rubber, metal & lights, SR# 97339; Farmall Cub, White front grill, 51 PTO, Belly Mower, good rubber & metal, SR# 205231; Massey Ferguson 1655 Tractor rear weights, PTO, 2 pt hydraulic hitch, Honda Gas eng., Series #2378 SR# 003638; Massey Ferguson 4260, 3pt 44" Roto Tiller SR# 000933; Massey Ferguson 54" Belly Mount Mower; New Idea Ground Drive Side Delivery Rake; International #12 Baler/ gas engine; JD 7' PTO Mower; Air compressor on trailer; 7' PTO mower: 3 Section Drag Harrow; 9' Tandem Disc, Hy draulic lift 4 wheel running gear Steel Wheel 2 Bottom Plows Brinly 3 pt, 12" Moldboard Plow. 40 Cuckoo Clocks and other household items MISCELLANEOUS

Full 500 gal. Propane tank; 6' Blade; 2 pt. Draw Bar; 3 Mobile Home axles: New Roll 3' Wover Wire: Animal & Bird Cages: 2 Incubators; Craftsman bio push mower; (4) 16' Cattle Panels Pony Equipment; Used lum-ber & tin; Handyman Jack; 6 Step Ladder; Narrow front end for IHC tractor (H or M); 1 ton Chain Hoist; IHC parts; Stanley Metal tool box/tools; Log chains, Boomers, Axes, Hand tools, Tool boxes, 2 large Pipe Wrenches, & much more!



TUESDAY, APRIL 20, 2021 - 6:00 PM 200+- ACRES BUTLER COUNTY, KS AUCTION LOCATION: EL DORADO CIVIC CENTER, 201 E CENTRAL, EL DORADO, KANSAS ESTATE OF VELMA A. MILBOURN, SELLER HIGH QUALITY NATIVE FLINT HILLS PASTURE \* 3 PONDS WINDMILL \* CLOSE TO EL DORADO LAKE \* SCENIC VIEWS \* 6" RURAL WATER LINE \* GREAT ADDITION TO YOUR AGRICULTURE OPERATION OR HOME BUILDING SITE! LAND LOCATION: From El Dorado 5 miles east on HWY 54 to HWY 177, north 6 miles to 50th, east 1 mile to Ellis Rd, north 1 mile. JOE SUNDGREN - SUNDGREN 316.321.7112 JEREMY SUNDGREN 316.377.0013 Land Brokers Visit our Website for more details: WWW.SUNdgren.com

\*\*LAND AUCTION

### JOYCE DAVENPORT, DAVID & KATHIE DAVENPORT FARM AUCTION REMINDER

6209 SW County Road 4008 - RICH HILL, MISSOURI

### SATURDAY, APRIL 17, 2021

MISCELLANEOUS ÍTEMS AUCTÍON 11:00 AM ONLINE AUCTION ITEMS 11:30 AM Auction will start with 30 minutes of Miscellaneous Items at 11 AM 18 items will then be available at 11:30 online with Simulcast & Live Onsite Bidding. 2% buyer premium only on online purchases. Online bidders need to Pre-Register for bidding approval at equipmentfacts.com. Short Auction. Be on time! 11:30 AM SALE ORDER for SIMULCAST ONLINE &

LIVE ONSITE BIDDING



\* 4440 OUAD JD TRACTOR \* ROLLING HARBOW **GRAIN CART \* JD FIELD CULTIVATOR** \* EZ HAUL GOOSENECK 7 BALE IN LINE \* 2005 TITAN 24' GOOSENECK TRAILER 2004 IH 9900i SEMI TRACTOR \* 2010 GRAIN TRAILER \* 'NICE' 2010 JD COMBINE 9770 STS & More!

See last week's Grass & Grain for More Info & Please visit website below

MARTY READ AUCTION SERVICE \* 620-224-6495 www.martyreadauction.com

Terms: Cash or check. Not responsible for accidents. HADDAM HIGH SCHOOL ALUMNI Linda Burton 785-778-2732 **AUCTIONEERS: NOVAK BROS. & GIEBER** Website: www.nckcn.com/novakbrosgieberauction/ Butch Gieber Roger Noval Les Novak **Troy Novak** 785-527-1302 785-527-0711 785-527-0200 785-527-0359

Baldwin piano; metal desks



# Here, By The Owl

A while back I was asked who has had the greatest influence on my life. I hadn't ever given it much thought, like most folks, I guess. After considerin' for a while I came up with six people that I could say actually affected the direction of my thinkin'. My dad, Doc Brimhall, John Basabe, Red Steagall, Patrick Gottsch and Rupert Mansell.

Mr. Mansell was my vo-ag teacher in Las Cruces, New Mexico from 1961-1962. "Here by the owl. The owl is the symbol of wisdom..." It's hard for a 16-year-old kid to evaluate wisdom. I remember Rupert, as we referred to him behind his back, tryin' to teach that ragtag bunch of boys anything (it was all boys back then). Lots of us really didn't have much in the way of money. Our projects included four or five scraggly sheep, or a couple of steers, some pecan trees, rabbits or whatever. Sure, there were a few boys whose folks were

good farmers and had impressive projects but most of us didn't. Rupert treated us all the same.

What we all had was a love of agriculture and the optimism of youth. That was what Rupert had to work with. He taught us that dirt was under your fingernails and soil was what you tilled. He tried, often in vain, to teach us how to weld and work on machinery. How to block sheep, fit a steer, castrate a hog, and how to tell a rib steak from a chuck. It was not until much later

that I came to realize how much a vo ag teacher has to know.

I said Rupert treated everybody the same. That's not quite true since he made me feel like I was special. But, if the truth were known he probably made each one of us feel that way.

He wasn't impressed by politics so when we decided to invite the governor to be the speaker at our local FFA banquet he said to go ahead but don't advertise it in case the "guv" didn't show. We sent out invitations to all the school board, principal and other dignitaries. Most declined; they had other things to do. The day before the banquet the governor confirmed. It came out in the

paper. Suddenly the local dignitaries were calling trying to get tickets. Overnight they had developed a sincere interest in the Future Farmers. It was one of Rupert's finest hours.

For all you dedicated vo-ag teachers, I salute you, but I remind you that you are in the position to shape young people's lives. It is no small responsibility. And to Mr. Mansell, who has since passed, from all of us ex-reporters, vice-presidents, greenhands, secretaries, state farmers, soil judges, blacks, browns and whites; if we ever amount to anything, you had a hand in it. Yep, you. There by the owl.

www.baxterblack.com

# Colorado ag groups team up to fight state ballot proposal

A coalition of Colorado agricultural organizations, including the Colorado Cattlemen's Association and Colorado Farm Bureau, is banding together to oppose a state ballot proposal that, if passed, would criminalize common veterinary and animal care practices. The proposed initiative would alter animal cruelty laws to essentially prevent cattle from being harvested before they reach five years of age. The bill would also outlaw animal husbandry practices like artificial insemination and pregnancy checking.

"We've come together to oppose one of the most radical and reactionary ballot initiative proposals this state has ever seen," rancher Carlyle Currier of the Colorado Farm Bureau said. "We can't allow such a direct and brazen attack on one of the state's largest and most historic industries to go unanswered."

#### AbileneMachine\* Ag Replacement Parts Grammer<sup>®</sup> Seat & Suspension \$1257 **Air Conditioning Parts** #AMSS10001 Features · Durable brown matrix fabric · Weight adjustment: 110-285 lbs Fold-up armrests Fore/aft adjustment Adjustable lumbar support Height adjustment · Air suspension with 12-volt compressor Operator presence switch Suspension stroke of 100 mm For John Deere® Tractors Without IVT™ Transmission 7200, 7210, 7400, 7410, 7510, 7600, 7610, 7630, 7700, AC Parts for many makes & models. 7710, 7720, 7730, 7800, 7810, 7820, 7830, 7920, 7930, Conversion kits upgrade your old system to a modern, more efficient system. 8560, 8570, 8760, 8770, 8870, 8960, 8970 Honest. Personal. Service. 800-255-0337 AbileneMachine.com

# Farmers & Ranchers **AUCTIONS EVERY MONDAY & THURSDAY**

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

### **RECEIPTS FOR THE WEEK: 5,205 CATTLE.**

				5,205 OATTEL	
	STEE	RS	31 red	Augusta	450@165.50
300-400		\$204.00 - \$214.00	14 blk	Buhler	480@165.00
400-500		\$206.00 - \$226.00	13 blk	Claflin	511@159.00
500-600		\$189.00 - \$199.50	8 blk	Claflin	529@157.00
600-700		\$170.00 - \$180.00	29 blk	Lorraine	547@156.00
700-800		\$147.00 - \$157.50	7 blk	Assaria	565@155.00
800-900		\$133.00 - \$143.00	9 blk	St. George	502@155.00
900-1,00		\$125.00 - \$135.50	74 blk	Ellsworth	602@154.50
	HEIFE		9 char	McPherson	519@154.00
300-400		\$183.00 - \$193.50	6 blk	Hutchinson	542@154.00
400-500		\$162.00 - \$172.00	10 blk	Hutchinson	608@154.00
500-600		\$149.00 - \$159.00	4 red	Tampa	535@153.00
600-700		\$144.00 - \$154.50	12 blk	Wilson	558@152.00
700-800		\$125.00 - \$135.00	8 blk	Hillsboro	591@151.00
800-900		\$120.00 - \$130.00	27 blk	Lorraine	600@151.00
	THURSDAY, AF	-RIL 0, 2021	6 mix	Lindsborg	618@150.00
25 red		414@226.00	5 blk 6 blk	Hoisington Wilson	606@149.50 602@149.00
7 blk	Augusta Lincoln	389@220.00	4 blk	Kanopolis	651@149.00
8 red	Augusta	337@215.00	68 blk	Ellsworth	661@148.85
7 blk	Clyde	314@214.00	24 char	McPherson	641@148.00
9 blk	Aurora	348@209.00	2  mix	Wilson	673@144.00
3 blk	Lehigh	443@208.00	17 mix	Wilson	663@144.00
3 mix	Culver	412@207.00	64 blk	Salina	671@142.75
10 blk	Claflin	412@206.00	17 blk	Delphos	646@142.00
6 blk	Wilson	434@202.00	47 mix	Salina	733@137.00
17 mix	Aurora	462@200.00	8 blk	Hillsboro	753@135.50
31 red	Augusta	484@200.00	3 mix	Gysum	707@135.00
31 blk	Tampa	505@199.50	6 blk	Concordia	759@135.00
5 blk	Hoisington	490@199.00	93 mix	Lincoln	750@135.00
6 blk	Clay Center	503@198.00	9 mix	Lindsborg	783@134.00
13 blk	Claflin	497@196.00	13 mix	Wilson	786@133.00
11 mix	Halstead	517@195.00	131 mix	Minneapolis	824@130.25
3 blk	Claflin	512@189.00	13 mix	Galva	800@130.00
9 blk	Claflin	568@186.00	33 mix	Clifton	862@128.50
5 mix	Wakefield	536@185.00		MONDAY, APRIL	5, 2021
8 blk	Assaria	561@183.50		CALVES	
68 mix	Tampa	600@180.00	1 bwf	Durham	130@335.00
3 mix	Gypsum	601@171.00	1 wf	Minneapolis	175@310.00
4 blk	Hoisington	611@170.00	1 char	Minneapolis	150@410.00
4 blk	Wichita	613@169.00	1 bwf	Minneapolis	115@350.00
11 mix 9 mix	Hutchinson	649@167.00 646@166.00	1 blk 1 blk	Minneapolis	140@335.00 60@225.00
62 blk	Kanopolis Tampa	675@166.00	1 blk	Marquette	50@185.00
22 blk	Hutchinson	663@163.50	I DIK	Tampa BULLS	50@165.00
19 mix	El Dorado	678@158.00	1 blk	Lindsborg	2245@100.00
7 blk	Wichita	704@157.50	1 blk	Hope	1820@103.50
7 mix	Kanopolis	713@156.00	1 char	Hillsboro	2020@108.00
8 blk	Wilson	718@155.50	1 char	Hillsboro	1835@103.00
25 blk	St. George	725@155.00	1 red	Hillsboro	2370@111.50
11 mix	Hutchinson	812@143.00	1 red	Little River	1825@110.00
62 mix	Hope	835@142.50	1 blk	Hillsboro	2080@106.00
123 mix	Tampa	837@140.35	1 blk	Ada	2160@112.00
61 mix	Assaria	840@140.00	1 blk	Wilsey	1700@96.00
71 mix	Abilene	868@139.00	1 blk	Longford	2035@103.50
50 char	Tampa	920@139.00		COWS	
17 blk	Concordia	915@136.00	1 red	Tampa	1270@74.50
62 mix	Abilene	910@135.50	1 red	Tampa	1630@75.00
117 blk	Tampa	939@134.00	1 char	Minneapolis	1360@76.50
11 blk	Abilene	948@133.75	1 char	Minneapolis	1255@73.00
60 blk	Lindsborg	916@133.50	1 blk	Minneapolis	1440@72.00
61 mix	Hope	959@133.50	1 blk	Lindsborg	1130@71.00
49 blk 17 blk	Kechi	1009@131.25	1 blk	Abilene	1480@72.00
17 DIK	Concordia HEIFE	1006@127.50	1 bwf	Durham	1345@73.00
5 blk	Claflin	339@193.50	1 bwf 1 blk	Durham McPherson	1085@74.00 1330@73.00
11 red	Augusta	334@185.00	1 red	Canton	1285@75.50
11 blk	Claflin	418@180.00	1 bwf	Wilson	1545@73.00
20 red	Augusta	411@179.50	2 blk	Longford	1298@76.50
7 mix	Tampa	379@177.50	7 blk	Ellinwood	1183@73.50
3 blk	Lehigh	385@177.00	6 blk	Ellinwood	1257@73.50
10 mix	Lincoln	405@176.00	1 red	Ellinwood	1090@74.00
4 blk	Aurora	417@172.00	1 blk	Ellinwood	1180@74.00
3 blk	Culver	427@168.00	1 bwf	Solomon	1230@74.00
4 blk	Assaria	440@168.00	1 red	Abilene	1348@75.50
5 blk	Claflin	457@167.00	1 blk	Ellinwood	1375@75.00
21 mix	Ellsworth	758@167.00			
1					

# Livestock Commission Co., Inc. Salina, KANSAS

# SALE BARN PHONE: 785-825-0211

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

## THURSDAY — CATTLE ONLY

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD For a complete list of cattle for all sales check out our website www.fandrlive.com

SA.com LIVE CATTLE AUCTIONS FARMERS & RANCHERS HAS SWITCHED BACK to for our online auctions. ttle USA.com



EARLY CONSIGNMENTS FOR THURSDAY, APRIL 15, 2021 150 sim/ang S&H 450-750 HR/weaned/2rd; 42 char S&H 450-550 weaned Feb 22nd/2rd/Fink sired; 60 S&H 550-650 2rd/LTW; 80 blk S&H 700-800 HR/2rd/LTW; 60 blk strs 600 HR/60 days weaned/vacc; 20 blk hfrs 550 HR/60 days weaned/vacc/open; 24 blk S&H 400-800 LTW/HR; 32 S&H 400-600 2rd/weaned 39 days/open; 150 blk strs 600-800 HR/LTW/hay fed; 25 strs 600-700 HR/LTW/hay fed; 110 blk&bwf S&H 500-550 vacc; 43 blk S&H 500-600 vacc; 22 S&H 800-900 vacc/LTW/No Implants; 45 blk strs 450-525 Nov weaned/3rd; 18 blk S&H 600-700 HR/LTW/vacc; 45 mostly strs blk & red 650-800 LTW/vacc; 45 hfrs red angx 700-800 LTW/No grain; 40 strs 800-900 red angx LTW/No grain; 20 blk hfrs 750 HR/OCHV/vacc/Replacement Quality; 50 strs 700-800 LTW/vacc/HR; 4 S&H mix 450-525 weaned/vacc

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

COW SALES: Tuesday, April 20 • Tuesd

### **IN STOCK TODAY:**

• Heavy Duty Round Bale Feed

For Information or estimates, contact:

Lisa Long

620-553-2351

Ellsworth, KS

Jim Crowther

785-254-7385

Roxbury, KS

42' ROUND BALE DUMP TRAILERS \* • Heavy Du

Mike Samples, Sale Kyle Elwood, Asst. S Cody Schafer

620-381-1050

Durham, KS

I	130@335.00	
polis	175@310.00	
, polis	150@410.00	
polis	115@350.00	ODEOLAL OOW OALE, THEODAY ADDIL OO 0004
polis	140@335.00	SPECIAL COW SALE: TUESDAY, APRIL 20, 2021
		BRED COWS/COW PAIRS
tte	60@225.00	• 70 blk&red angue 5.5 vr olde bred swapson balancer bulls
	50@185.00	<ul> <li>70 blk&amp;red angus 3-5 yr olds bred swanson balancer bulls</li> <li>65 blk&amp;bwf 3-5 yr bred char calves aug&amp;sept</li> </ul>
BULLS	1	• 00 bindowi 0-0 yi bieu chai caves augasepi
org	2245@100.00	200 3-5 yr olds red/blk fall bred Mccurry angus blk/ few red ang or char bulls     50 blk angus cows bred to swapson balancer bull
2	1820@103.50	50 blk angus cows bred to swanson balancer bull
0	2020@108.00	• 150 blk cows 3-5yrs bred sim/ang nov 1st-jan 5th
0		• 85 blk/red 3-6yr olds bred char/G-G-A
	1835@103.00	• 10+10 blk pairs 5-older
0	2370@111.50	• 30+30 charx pairs 3-5yrs all worked
ver	1825@110.00	60+60 blk cows 3-4yrs charx calves Feb/Mar char calves North Origin
C	2080@106.00	• 15+15 older pairs worked
	2160@112.00	• 30 3 in 1 package 3-6 yr olds
	1700@96.00	• 10 bred 4-8 yr olds
d	2035@103.50	82 blk/bwf/red cow 3-5yrs bred ang Sept 1 75 days
		• 5+5 running age
COWS		• 6 solid mouth blk cows spring calvers
	1270@74.50	45 blk cows 3-5yrs September/October calvers bred to Miller angus bulls
	1630@75.00	45 red angus cows 3-5yrs Sept/Oct calvers bred red angus
oolis	1360@76.50	• 20+20 running age
olis	1255@73.00	15 blk cows 4-6yrs bred red angus
olis	1440@72.00	• 10 blk cows 5-+7yrs bred blk early fall calvers
		23 fall bred cows bred ang
rg	1130@71.00	• 20 gardner bred cows ready for grass
	1480@72.00	• 30 running age fall cows
	1345@73.00	• 49 10-2yr old spring bred first calve 20-2yr old fall bred first calve 15-19 3yr old fall bred 2nd calve
	1085@74.00	HEIFER PAIRS
son	1330@73.00	• 75+75 blk hfr pairs worked • 80+80 pairs • 10+10 pairs • 6 hfr pairs
	1285@75.50	• 50+50 blk hfrs • 40+40 blk&rwf pairs • 5+5 pairs
	1545@73.00	REPLACEMENT HEIFERS
b	1298@76.50	• 20 red angus OCHV pelvic exam • 120 blk hfr OCHV pelv exam
- <u>.</u>		15 red ang hfrs preg checked HR OCHV all prebreeding shots
d	1183@73.50	25 blk ang hfrs preg checked HR OCHV all prebreeding shots
bd	1257@73.50	100 blk&bwf purebred ang or F1 cross OCHV 850# One Iron Guarantee Intact
bd	1090@74.00	19 hereford OCHV pelvic exam
bd	1180@74.00	30 blk hfrs 825-850 OCHV pelvic checked AI bred to Red ang
n	1230@74.00	BRED HEIFERS
	1348@75.50	20 ang hfrs bred Fink angus pelvic checked all vacc Sept calvers
.d		• 20 fail bred hfrs
d	1375@75.00	6 hereford hfrs bred Hereford Sept calvers
		• 8 red angus fall bred to Mushrush LBW bull HR/vacc/OCHV
		• 12 sim/ang blk Sav Rainfall bull Al bred start calve 9/3
0004	_	• 21 fall bred hfrs LBW sim/ang
2021		BULLS
LVLI	•	
	1	• 1 17 month old semen and trich tested     • 4 yr red semen checked     • 1 blk yearling     • 3 blk 18-24 month old semen and trich tested     • 4 2.5 yr old
_		• A real angle 2/r old semen and trich tested
lay, Ma	av 4	4 red angus 2yr old semen and trich tested     16 18 month blk registered and bulk semen and trich tested
<b>uy</b> , wi	ч <b>у</b> न	16 18 month blk registered ang bulls semen and trich tested     2 yr old angue bulls (purchad) B Langue gapaties somen and trich tested
		• 3 2 yr old angus bulls (purebred) BJ angus genetics semen and trich tested
		1 char 18 month sire One Penny Blanco     1 char 18 month sire Broken Bow
		1 angus 18 month sire Broken Bow     6 yearling purchased abor bulls somen shocked
		6 yearling purebred char bulls semen checked
ers		• 1 3yr old red gelbvieh balancer bull trich&semen checked registered
		• 1 char bull 14 months semen checked virgin bull
itv 500	00# Grain Tote	• 2 sim/ang reg LBW EPD's 2&3yrs semen&trich tested
		Check our listings such weak or
		Check our listings each week on $G_{19}^{0}$
	Call Dham	our website at
ivigr.	., cen Phone	$e^{103-020-1004}$ www.fandrlive.com
ale M	gr., Cell Phon	e 785-493-2901 Ranchers
		Livestock /
Kenny	Briscoe	Kevin Henke Austin Rathbun
785-65	58-7386 H: 78	Austin Ratinbun 35-729-3473, C: 785-565-3525 785-531-0042 55alina, Kansas
100-00		

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

Agenda, KS

Lincoln, KS