

"Stay engaged" Felts advises as Kansas Farm Bureau presidency comes to a close

By Donna Sullivan, Editor

As Kansas Farm Bureau members gathered in Manhattan December 3-5, one item on the agenda was to bid farewell to president Rich Felts. The Montgomery County farmer was elected president in 2014, having first served as vice president from 2011. He's quick to point out that he's not retiring, just not running for re-election. Because while he may no longer hold an office, there are still plenty of things he plans to do.

After graduating from Kansas State University, Felts worked on a livestock operation for a couple of years before returning home to the family farm. "We formed a partnership, continued to farm with livestock, then started a cropping operation," he recalled. He became involved with Farm Bureau on the county level, serving in several capacities over the years and also worked with Extension. Along the way he faced challenges that would prepare him for one day leading the state organization, although that was the furthest thing from his mind at the time.

The first was the topic of use value appraisals for farm ground. Then in the late 1990s an environmental group was pushing for all streams in Kansas to be fenced off, and Felts said they were gaining considerable traction. "We rallied the troops in the ag sector. Through the organization we were able

cyanide. 's mitch Tuinstra, pro



Rich Felts has served as president of Kansas Farm Bureau since 2014. He did not seek re-election in 2022 and will return to his Montgomery County farm. He and his wife, Shirley, have four grown children: Cynthia Detar, Darren, Ryan and Kimberly Spillman. Photo by Donna Sullivan

to do some things like that," Felts said. Another area they were involved was preventing stricter child labor laws for agriculture families. Then there was the Farm Bureau Healthcare program that Felts worked on as president. He pointed out that in those four areas, two of them - use value appraisal and health care

- were working for legislation to gain something. The other two – the fencing of streams and child labor laws – were to stop actions that would have a negative impact on agriculture.

Once at the helm of Kansas Farm Bureau, Felts said saw the full impact of the organization's efforts. "As a member, you have no idea of all the activity that takes place on your behalf," he said. "I had no idea of all the activities we are engaged in or the depth that our policy

people look into issues." Another Kansas Farm Bureau initiative Felts is proud of is the leadership programs they're establishing and continuing to build. "Our programs give people training to address

some of the issues and gives them the opportunity to see beyond their own borders," he said. "If we're going to be a general farm organization and connect Kansas with Washington D.C., we have to be cognizant of the needs of everybody and connect everybody." He himself is a graduate of the Kansas Agriculture and Rural Leadership (KARL) program and sees great value in that kind of opportunitv. "I didn't know a whole lot about what goes on in agriculture outside of Montgomery County be-fore that," he said. "The magnitude of agriculture across the country is overwhelming."

Felts also feels strongly about the value of Shop Kansas Farms, which Kansas Farm Bureau purchased in September. "It allows us to give producers the opportunity to sell their commodities," he said. "It has a lot of potential. We aren't taking it on to be a big profit center, but to sell agriculture in a different light and give members better access to consumers."

During his eight years as president of Kansas Farm Bureau, Felts said his proudest achievement is the cohesiveness of the organization and the relationships that have been strengthened. "We've got great relationships with the commodity groups and elected officials," he said. "Just good relationships with our partners in agriculture. We tried to be positive in dealing with folks. Point out the positive in what we did and not just the negative. Yes, you have to address the negative, but you've got to be positive initially."

A willingness to work together is also a hallmark of his time in office, as well as the concept of servant leadership. "We're all on the same team," he pointed out. "We have different positions, but are all on the same team and it's how we make the team better by using all the different players.'

If he were to offer a piece of advice to his successor, it would be this: Keep positive relationships. "Having respect and open communication is all-important," Felts said.

As he moves into this next phase of life, Felts says he plans to get back home on the farm and get involved in some things that haven't gotten done these past several years. But he still plans to stay engaged, and that is something he would like to see more people commit to.

"People need to be engaged in something," he emphasized. "Whatever you're involved in, be engaged in what's going on." Advising resistance to the slow creep of apathy, he referred to a sticky note on his desk that says, "The world is led by those who show up."

Rich Felts showed up for agriculture as president of Kansas Farm Bureau, and no doubt will continue to show up with each new opportunity that presents itself.

Seed-based technology offers peace of mind from sorghum forage risk

Sorghum has served as a food and feed crop for thousands of years, yet it can become poisonous under drought or freezing conditions. The problem is dhurrin, which breaks down to form prussic acid, also known as hydrogen

But Purdue Universi-



ghum-sudangrass, a summer annual with a robust yield that is hard to match.

"Lots of cattle are grown in semi-arid and arid environments. Sorghum-sudangrass is important globally because of its drought tolerance and heat tolerance," Staggenborg said.

Tuinstra partnered ty research is supposed to work," Hulbert said. "Mitch had an idea and started working on something successful that none of the sorghum seed companies were working on. Then we find a way to take it to farmers through commercial channels to the

private sector." Another key aspect of

fessor of plant breeding and genetics and scientific director of the Institute for Plant Sciences in the College of Agriculture, has developed a dhurrin-free sorghum technology that will set farmers' minds at ease. The S&W Seed Co. of Longmont, Colorado has licensed the technology, which will be widely available to growers in 2023.

"Cyanide poisoning is something that people who graze cattle on sorghum always have to be concerned about. It doesn't happen all that often. But when it does happen, it's a serious thing. This technology eliminates that risk," said Brent Bean director of agronomy at the United Sorghum Checkoff Program in Lubbock, Texas. USCP is a producer-funded organization dedicated to improving the sorghum industry through research, promotion and education.

At \$1,300 or more per steer, cattle are a big investment.

"You lose even one, that is a big downside to the bottom line," Bean said.

Making cvanide helps sorghum fend off chewing insects and grazing animals. But farmers still use sorghum as a forage crop because it works well in high temperatures, it tolerates drought and it produces a lot of feed with fairly minimal input.

"Sorghum is grown

Purdue's Mitch Tuinstra (center) discusses the progress of prussic-acid free sorghum tests in west Texas with forage breeder Mauricio Barbosa (left) and molecular lab director Wavne Shen, both of S and W Seed Co.

where it's too hot and dry to grow other crops," said Tuinstra, who also is Purdue's Wickersham Chair of Excellence in Agriculture Research. "It's grown where you don't have other options. You can't grow corn in these environments because it won't survive."

Farmers who grow sorghum in such environments have to manage it carefully to minimize the risk

"Every farmer I talk to has stories about animals having problems, either small problems or major problems," said Tuinstra. 'This is a technology that can help alleviate that concern.'

Tuinstra began thinking about removing dhurrin from sorghum in late 2008

"I thought that would

be interesting because we know the genes, the enzymes, the biochemistry. but many questions about dhurrin metabolism remain unanswered," he said. "So, the next summer, we started producing the genetic materials for this study."

Sorghum is used worldwide, including in Africa. Australia. North and South America, and South Asia.

"Sorghum is an important crop in any place you have a hot, dry climate. And with climate change, that's potentially very important," said Jay Hulbert, president and CEO of Ag Alumni Seed in Romney, Indiana. "There are areas in the U.S. and globally where people grow other crops, especially corn, where they'd probably be better off growing sorghum.'

Scott Staggenborg, S&W's sorghum product marketing manager for the Americas, expressed excitement for the technology because it solves a problem in a widely used product. Growers are also enthused.

"I have people saying, 'I'll buy every bag you Photo by Scott Staggenborg

have," Staggenborg said. He noted that the technology can work in any type of sorghum, including sor-

with Hulbert to develop prototype varieties, a patent and a business plan for the technology. They had considered launching a seed company in Indiana, but they learned that sorghum seed production works better in dry climates.

"Indiana is great for a lot of things, but not necessarily for making sorghum seed on a large scale," Hulbert said. This led them to the S&W Seed Co., which is running trials this year in west Texas on Tuinstra's most promising hybrids.

"This is a classic example of how universi-

the technology was working with the Indiana Crop Improvement Association. an agency that certifies seed quality. The ICIA patented a new seed-quality assay using dhurrin-free sorghum as the prototype. The assay makes it possible to test large lots of seed with a high-tech, DNA sequencing-based approach to quality assurance.

"At Purdue University, we're interested in developing transformative technologies that solve farmer challenges, and we're trying to do that very broadly within Indiana, the U.S. and internationally," Tuinstra said.

Jones receives 2022 USDA Excellence in **College and University Teaching Award**

Dr. Cassandra Jones, Kansas State University Department of Animal Sciences and Industry teaching coordinator and professor, has been named a recipient of the 2022 U.S. Department of Agriculture Excellence in College and University Teaching Awards for Food and Agricultural Sciences.

Jones completed her bachelor's and master's degrees in animal sciences at K-State. She continued her education at Iowa State University, earning her doctorate while studying nutritional sciences with an emphasis on swine nutrition. Since joining the ASI department in 2016, Jones has shared her passion for teaching and working with students. She currently coordinates the ASI undergraduate teaching program, serves as an academic advisor.



and teaches animal nutrition courses to undergraduate and graduate students. She also has a robust research program.

"Cassie is an exceptional leader of our undergraduate teaching program, teaches a full slate of courses, and oversees a highly productive research emphasis in feed safety," says Dr. Mike Day, K-State ASI department head. "Dr. Jones built our

undergraduate research program, which effectively and comprehensively provides exposure to the scientific method for many of our students. Her understanding of what ASI students need to be fully prepared to serve as the next generation of animal scientists across the broad spectrum of career paths that they follow is unparalleled.'

This award was presented at the 2022 Annual Association of Public and Land-Grant Universities meeting in Denver, Colorado. In recognition of recipient's dedication to instruction and scholarship, the awards include \$2,000 to improve teaching at the recipient's respective university. Kansas State University currently ranks second nationally for the number of recipients since the awards program's inception in 1992.



Legacy A Rich

By Glenn Brunkow, **Pottawatomie County** farmer and rancher

The annual meeting of Kansas Farm Bureau (KFB) in Manhattan is coming the first weekend of December. I truly look forward to this meeting every year, and this one is no different. However, this year's meeting will be a bit bittersweet as KFB's president, Rich Felts, will ride off into the sunset and retirement. Our members will have the tough job of electing his replacement.

President Felts has guided Kansas Farm Bureau for the past eight years with steady hand, a calm demeanor and an artful grace that has led to our organization reaching new heights. I have had the honor and privilege to a front-row seat at the board table. I consider Rich a friend and, more importantly, a mentor. I have watched as he has provided leadership and guidance on issues and made decisions that will affect our organization, our state and all of agriculture for years to come. I believe President Felts has left Kansas Farm Bureau in the best position we have ever been in and laid a foundation to ensure success in the future. Personally, I have been able to seek Rich's wisdom and opinion on

many things, and he has always been gracious and thoughtful. I have always taken heed of his advice, and I hope I can offer others the same leadership and experience. I am not sure I have ever been around someone as caring, dedicated, gracious or as empathet-ic as President Felts. He is truly the living example of servant leadership; I wish there were more leaders like him. You will never find anyone who cares more for Kansas Farm Bureau or agriculture.

I wish everyone could know the hours and miles Rich has put into representing Kansas Farm Bureau. He has been the face of the organization; one we were proud to have representing farmers and ranchers. I doubt there is anyone who came in contact with Rich who was not better because of it.

While I understand his decision to step down and spend more time with his wife, Shirley, and the rest of their family, I hope Rich knows how much all of us will miss him, both as the head of Kansas Farm Bureau and as a person. I also know he will still be around and always just a phone call away, which is reassuring. I will also miss Shirley equally as much. If a greeting from Shirley can't brighten your day, you are in bad shape. Her joy and happiness are always contagious.

President Felts will leave a tremendous legacv in the organization and in its future. Generations will be able to make better decisions and advocate for our way of life because of his leadership and for that we will be forever grateful. I know this is not goodbye and we will still see each other, but not nearly enough. I also know that Rich will probably not be comfortable with all of this attention, and that is part of what makes him a truly amazing individual.

Rich and Shirley, I hope you enjoy your well-deserved rest but please also know how much we all appreciate your dedication and sacrifice in the name of Kansas Farm Bureau and agriculture in general. We are all better for knowing you.

"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, ed-ucation and service.

Prairie Ponderings By Donna Sullivan

A few weeks ago in this column I mentioned my traumatic experience in woodworking class while learning to plane a board. Actually, that statement is a bit misleading, because I never actually learned to plane a board. I did, however, create enough wood chips to keep the local 4-H kids wellstocked for their County Fair livestock projects. That point was sorely overlooked by my woodworking teacher though, and my grade did not reflect that great contribution to society, which only bolstered my eighth-grade belief that life really isn't fair on any level. If they'd just left me to write stories and poems in my English class and forgotten about all that math/science/home-ec/woodworking frivolity, I'd have been a perfectly

happy middle schooler. Fortunately, middle school only lasted for two years and I went on with the business of attending high school, where at that time only

one year of math was required and thankfully no home-ec or woodworking. I survived and launched into adulthood, where along with raising children, I was given the opportunity to write for a newspaper.

One day the editor informed me she wanted me to do a story on a gentleman who collected antique wood planes. That was all she said before giving me the address of his home. My brain processed the information as the man collected model wooden airplanes, even though she later swore she said nothing of the kind. So, I formulated a list of pertinent questions and headed to his house.

proudly led He me into the room that housed his collection. I expected to see wooden airplanes dangling from the ceiling and sitting atop display stands, but there was nothing of the kind. Instead there were several rows of industrial-looking cabinets with drawers. "That's odd," I thought, following him

over to the largest one. He pulled open a drawer with a flourish and beamed up at me, eagerly anticipating how excited I would be to behold his treasures.

I can't even imagine the look on my face. Shock, horror, dismay...

Because gazing down into the drawer I saw, not wooden airplanes, but the bane of my middle school woodworking class, my arch-nemesis... a collection of antique wood planes, the grain of their little knobs seeming to contain mocking smiles; the creak of the drawers as each one was opened sounding like cruel snickers at the one person in all of Chapman Middle School's rich history who had never mastered their use.

A three-ring circus of competing emotions was suddenly performing in my brain, a cacophony of confusion if you will. None of the questions I had formulated would now pertain to the story. Plus, I was looking at a drawer representing the single biggest failure in my school career - and considering my Home-Ec debacle and loathing of math, that's saying something.

Fortunately, a class I did fairly well in was drama. So, I pulled myself together and managed to act like a professional writer and not the insecurity-addled middle schooler I had suddenly been reduced to.

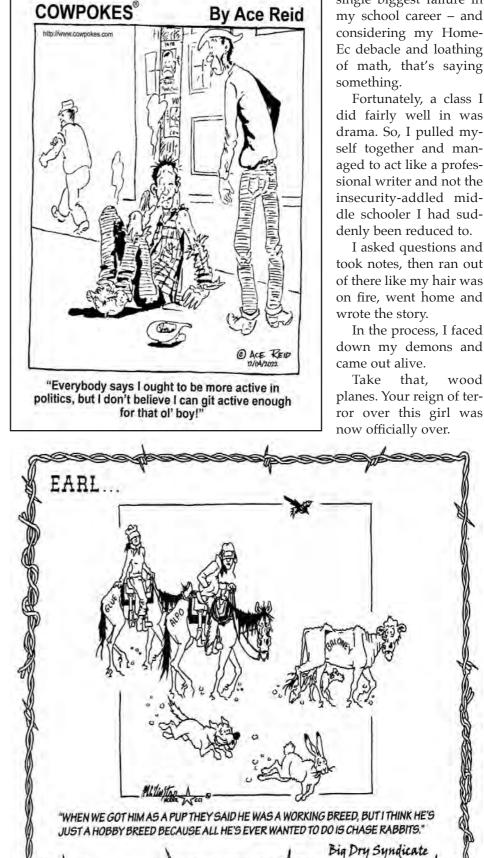
I asked questions and took notes, then ran out of there like my hair was on fire, went home and

In the process, I faced down my demons and



This year I rented some cornstalks to put the cows out on. Normally I have some of my own but this year it did not work out that way, with a limited supply of hay and the price of hay being sky-high, I decided we needed to try something different. I know this is not a new concept, many of you have been renting stalks for years but no one ever accused me of being a trend-setter out on the cutting edge. I have to admit that the whole experience, while it has been good, has had some unexpected dilemmas. The first was the fencing. I don't know if any of you have noticed but the price of supplies to build a simple electric fence has gone sky-high. I priced around and quickly concluded that the world has gone bonkers. Metal or plastic, the posts are outrageous, and they might be the most economical part of the equation. The price of wire is almost double from what it was just a couple of years ago. As for the price of insulators, let's just say I make a much greater effort to locate them when they are knocked off the post. Actually, I have always found it to be an interesting challenge to figure out what direction and how far the insulators get flung when a critter goes through them. I did find it a bit refreshing to build fence on river bottom. Straight lines, no brush and most exciting of all, no rocks. I am not sure I have ever built straight stretches of electric fence that far. I could get used to being able to push the posts in the ground and not hit a rock, too. Flat ground was also an interesting concept; I could get used to no terraces or hills. I do have to admit that it did make it seem like the end was much farther away and at times it felt like I wasn't making much progress. The fence-building was not as challenging as I was used to, but simple is okay, too. I knew water would be the most difficult part of the whole process. The farmer I am renting them from is letting me use his tank to transport and fill up from his house; that took a lot of the hassle out of it. I thought I had two good tanks; one was a huge poly tank I had bought a few years ago and the other

a galvanized tank that had been patched. I probably should have had someone videoing me when I tried to load the poly tank. A nine-foot tank, gooseneck trailer and a fat guy with little flex-ibility made loading it a chore. It's nice out in



the pasture but a booger to move.

That side of the story turned out good; the galvanized tank, on the other hand... well, not so much. It was a little smaller and much easier to handle but when I tipped it up luckily the bottom was facing the sun. The seams had been patched and they looked good but the hole in the bottom in the shape of an ax blade let plenty of daylight through. I am not sure who did this, but I have a pretty good idea and it was probably me. This tank also has a spot where the edge had been creased so it did not hold the maximum amount of water. A quick trip to Co-op and I was the proud owner of two six-foot tanks. Apparently, I was not the only one in need of new water tanks this fall. I must say the six-footers handled much better than the nine-foot-

We finally got the cows hauled the Tuesday before Thanksgiving. That went good except that it took a little longer than I had planned, and the last load was unloaded in the dark. I was very relieved to see them the next morning. Hauling water has been a new adventure too, I have concluded a watched pot may never boil but a watched tank will never fill. Thanks to my smart phone the watering sessions have allowed me to surf many new corners of the internet. I am caught up on phone calls and emails. The cows and I have settled into a routine and life is good. They are much happier out on the stalks, and I am much happier not feeding them expensive hay. So far this is one of those new things that looks like it may work as well as I had hoped. I know, I probably just jinxed myself to cold weather and snow. I guess if that is what it takes to get moisture, you can all thank me later. I know in time the cows will make me anxious to get them back to home and on automatic waterers but until then I am going to enjoy nap time while the water runs.



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GRASS & GRAIN (USPS 937-880)

The newsweekly for Kansas and southern Nebraska, published each Tuesday at 1531 Yuma (Box 1009), Manhattan, KS by Ag Press, Inc. Periodicals postage paid at Manhattan, Kansas and additional offices. Postmaster send address changes to: Ag Press, Box 1009, Manhattan, KS 66505.

Subscription — \$80 for 2 years. \$43 for 1 year, plus applicable sales tax. Outside Kansas, \$53 for 1 year, \$99 for 2 years.

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Grass & Grain, December 6, 2022 Page 3 KDA participates in beef genetics trade mission to Mexico

The Kansas Department of Agriculture partnered with the U.S. Livestock Genetics Export, Inc. (USLGE) along with the Idaho, Missouri, Nebraska, New Mexico, and Tennessee departments of agriculture to participate in a trade mission to Mexico on October 25-28, 2022. Participants of the trade mission were Kansas cattlemen Dirck Hoagland of J&N Ranch, Leavenworth, and Daniel Mushrush of Mushrush Red Angus, Strong City. The focus of the mission was to build relationships and expand international marketing opportunities for purebred beef cattle genetics in Mexico.

During the trade mission, the team traveled outside of Chihuahua where they visited Complejo Ganadero Las Palomas and participated in a networking event with the Angus Association. The team also attended the Expo Ganadera Chihuahua where they watched the judging



Representatives from the Kansas Department of Agriculture, along with other state departments of agriculture, traveled to Rancho el Palomino, one of several ranch visits that were part of a beef genetics trade mission to

Mexico in October.

and selection of the champion Charolais, Charbray, and Hereford bulls and females. Additional ranch visits were made to Rancho el Palomino (Hereford and Angus), Rancho Luis Enrique Terrazas (Red Angus), and Rancho Victor

Cruz (Quarter Horses).

In 2021, Kansas agriculture exports to Mexico totaled \$1.91 billion. Mexico is Kansas' number one trade partner, accounting for nearly 44% of total agricultural exports. "Mexico is an important trade

partner with Kansas, and I think there are some real opportunities to expand that relationship on both sides. I'm looking forward to working with the cattlemen we met in Chihuahua,

to see how we can both benefit from this introduction," said Hoagland.

"In the summer, cattle of Mexican origin are a common sight in Kansas Flint Hills pastures. Many

of these cattle originate in Chihuahua, Mexico, so to be able to see the opportunities to improve the cattle all the way through the supply chain, and right back to my backyard was very exciting," added Mushrush. "I'm looking forward to continued conversations about these opportunities."

The trade mission to Mexico was possible through KDA's membership in USLGE, with funding from the U.S. Department of Agriculture Market Access Program. It is the mission of KDA to support all facets of agriculture, including lending support to those who wish to market and sell beef genetics domestically and

internationally. For more information, including upcoming trade mission opportunities, contact KDA international trade director Suzanne Ryan-Numrich at Suzanne.Numrich@ ks.gov or 785-564-6704.

ongress votes to block rail strike

Last week Congress voted to block a national rail strike that would have dire consequences for the nation's economy. The vote comes as the country continues to struggle with supply-side issues and problems with key transportation hubs, including low-water levels along the Mississippi River.

Corn The National Growers Association said the vote was a welcome development.

"Rail is crucially important to America's corn growers, who rely on it to ship grains and fertilizer," said National Corn Growers Association president Tom Haag. "We are pleased to see that Congress is taking the neces-



tem is vital to movement of grains and co-products to export markets, and the U.S. Grains Council believes the federal government, the railroads and the private sector should work together to assure no shutdown occurs," said Rvan LeGrand, U.S. Grains Council president and CEO. "Ratifying the tentative agreements already in place is a step in the right direction to coming to a solution agreeable ato all parties.

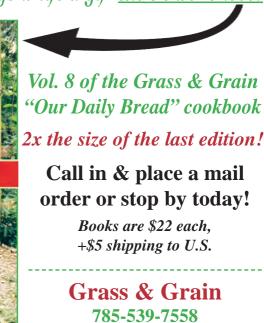
A deal to avert a strike appeared imminent in recent months, but a disagreement over paid sick days put the country back on the pathway to a strike, which could have begun as early as Dec. 9. Left with no other options, Pres. Biden urged Congress to act.

"This labor dispute is an issue that should have been resolved between railroad companies and employees, not by Con-Sen. Jerry Moran gress. said. "However, the uncertainty and supply problems created by a shutdown would be damaging to Kansans, especially now with high inflation and ongoing supply chain issues. The country needs certainty, and the possibility of a shutdown made it necessary for Congress to take action to keep railways operating.

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Combine flour, sugar, bak-

ing powder, cinnamon, salt

kin, oil, eggs and vanilla ex-

tract in another bowl. Stir

flour mixture into pumpkin

mixture. Pour batter into

bundt pan. Bake 40-50 min-

utes or until wooden tooth-

Sauce by heating 1/3 cup

evaporated milk in a sauce-

pan, just to a boil. Remove

from heat and add 1 cup re-

served butterscotch chips:

stir until smooth. Return

to heat stirring constant-

ly. Bring mixture just to a

Butterscotch

pick comes out clean.

Prepare

Dorothy Wulfkuhle, Carbondale Wins This Week's Holiday Contest **MINCEMEAT STAR COOKIES**

1 1/2 cups shortening 1 1/2 cups sugar

2 eggs

1 teaspoon vanilla

Page 4

- 1 teaspoon grated orange peel
- 4 cups sifted all-purpose flour
- 1 tablespoon baking powder
- 1/2 teaspoon salt
- 2 tablespoons milk
- 1 jar mincemeat

Thoroughly cream shortening, sugar, eggs and vanilla. Stir in orange peel. Sift together dry ingredients; add to creamed mixture alternately with milk. Divide dough in half. Chill. On lightly floured surface, roll each half to 1/8-inch. Cut with 1 3/4-inch round cutter. Cut small star in centers of half of cookies. Place 1 heaping teaspoon mincemeat filling on each plain cookie. Top with a cutout cookie. Press edges with fork to seal. Bake on greased cookies sheet at 375 degrees for 12 minutes.

Linda Kepka, Dorrance: **CREAM CHEESE BALLS** 4 1/2 ounces dried beef (finely chopped)

16 ounces cream cheese,

2 teaspoons Worcestershire

cept the dried beef. Add

half of the dried beef to

mixture. Divide mixture

and make into two balls.

Roll each ball in remaining

dried beef. Wrap balls in

plastic wrap and refriger-

Jackie Doud, Topeka:

CROCK-POT HAM

1/4 teaspoon black pepper

1 teaspoon ground mustard

crock-pot. Measure half of

the Coke to use in glaze.

Pour remaining Coke over

ham. In a bowl mix half of

Coke with 1/2 cup brown

sugar, black pepper and

mustard. Slowly pour glaze

over ham and let run be-

tween slices. Cover and

Place ham in a large

ate before serving.

12-ounce can Coke

1 cup brown sugar

1 sliced ham

Mix all ingredients ex-

3 green onions, chopped

2 teaspoons Accent

softened

sauce

the state of the state of the state

A CONTRACTOR OF A DESCRIPTION OF A DESCRIPANTE A DESCRIPANTE A DESCRIPANTE A DESCRIPTION OF A DESCRIPTION OF Open and rub remaining brown sugar over top. Cook on low 4 to 5 hours.

Anna Kusmaul, Allen: "Very good. I usually double the recipe. They freeze well, too, A little bit of colored sugar on top before baking makes them look extra pretty." SUGAR COOKIES

2/3 cup shortening 3/4 cup sugar 1 teaspoon vanilla 1 egg 4 teaspoons milk

2 cups flour, sifted 1 1/2 teaspoons baking powder

1/4 teaspoon salt

Thoroughly cream shortening, sugar and vanilla. Add egg. Beat until light and fluffy. Stir in milk. Sift together dry ingredients and blend into creamed mixture. Divide dough in half; chill 1 hour. On a lightly floured surface roll dough to 1/8-inch thick. Cut into desired shapes. Bake on a greased cookie sheet at 375 degrees about 6 to 8 minutes. Cool slightly; remove from pan. ****

cook on high for 1 hour. **Need Senior Insurance?** * Medicare Supplement 🖉 * Long Term Care * Final Expense

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Susan Schrick, Hiawatha: "Brilliant red and green candied cherries add extra sparkle to these delicious holiday delights. What I really like best is that this recipe is easy to mix up ahead of time."

CHERRY CHRISTMAS SLICES

- 1 cup butter, softened
- 1 cup confectioner's sugar 1 large egg, room temperature
- 1 teaspoon vanilla extract

2 1/4 cups all-purpose flour 1 cup red candied cherries,

halved 1 cup green candied cherries. halved

to bake, or up to 2 months.

into 1/8-inch slices and

place on ungreased baking

sheets. Bake at 325 degrees

until edges are golden

brown, 10-12 minutes. Cool

SLOW-COOKER

GREEN BEAN

CASSEROLE

Edwards,

on wire racks.

Kimberly

Stillwater, Oklahoma:

To bake, cut frozen logs

1 cup pecan halves

boil. Cool to room tempera-Cream butter and sugture. Serve cake with butar. Add egg and vanilla: terscotch sauce on top. beat until fluffy. Add flour NOTE: Also works in a and mix well. Stir in cher-9-by-13-inch pan. ries and pecans. Chill for 1

LaVerna Hinkle, Manhour. Shape dough into (3) 10-inch long logs; wrap sehattan: "This is so easy, fast curely and place in a freezand a requested recipe for er bag. Freeze until ready Christmas."

1 pound almond bark (8 squares) 1 1/2 cups chunky pea-

smooth) 1 1/2 cups Rice Krispies 1 1/2 cups miniature marsh-

Melt almond bark and peanut butter together then add cereals and marshmallows. Stir all together and drop onto waxed paper (like you do no-bake cookies).

CHEESE BALL 3/4 cup walnuts, chopped 8 ounces cream cheese 1 1/2 cup shredded sharp cheese

3/4 cup green or red apple (or can mix), cut into pieces 1/2 teaspoon nutmeg

Carmel sauce (out of a jar) In a bowl stir cream shredded cheese and cheese until mixed. Mix in apple, nutmeg and 1 tablespoon of caramel sauce. Use hands to roll into ball shape. Spread walnut pieces on a plate and roll ball to evenly coat outside. Drizzle with extra caramel sauce. Serve with crackers.

Carol Nelson, Topeka:

"Great. prepare-ahead rec-

ipe for family gatherings.

OH-SO-GOOD

MASHED POTATOES

5 pounds potatoes, peeled &

8 ounces cream cheese,

8 ounces sour cream

1 stick butter, softened

Delicious!"

boiled

softened

Combine all ingredients in a casserole dish. Bake covered at 350 degrees for

> BUTTERSCOTCH **PUMPKIN CAKE**

Lois Kusmaul, Allen: HOT SPICE JUICE and nutmeg. Stir together 9 cups apple juice butterscotch chips, pump-9 cups cranberry juice

4 cinnamon sticks, broken up

- 4 1/2 teaspoons whole cloves
- 1 cup brown sugar
- 1/2 teaspoon salt

Pour apple juice and cranberry juice into a large coffee pot. Place the cinnamon sticks, whole cloves, brown sugar and salt in basket of large coffee pot. Perk as you would coffee and serve hot.

Kellee George, Shawnee:

- SOURDOUGH CROUTONS 4 cups of 1-inch cubed sour-
- dough bread 2 tablespoons olive oil
- 1/4 teaspoon salt 1/4 teaspoon pepper

Set oven to 350 degrees. On a large rimmed baking sheet toss together all ingredients. Spread out into single layer. Bake until crisp and lightly browned, about 20 minutes. Store in zip-lock bags.

0

to Bake



By Michele Drees **Old Chicago And Axe Throwing**

For the past many years, my mom has made a point to try to bring the women on her side of the family all together for a girls' outing around the holidays. It is usually my mom, myself, my sister-in-law, her mom, my cousin, her daughter, my aunt, and another cousin. With the chaos that comes with life around the holidays, it is always a challenge to find that perfect time for everyone to get together, but for this day, we all try to make it work.

Each outing includes an activity and a meal; just the girls, spending time together and having a chance to catch up and chat. The first few years that my mom did this, she took us all to get our nails done and then usually to Olive Garden. As time went on, she started venturing out and finding other things we could all do together. We did quite a few Board and Brush sessions where we all made signs or a home décor item. This year, we ventured out even more: we went axe throwing. We started our afternoon at Old Chicago in Manhattan for lunch, where two of my dad's cousins were able to join in on the meal. I was in Wisconsin for Thanksgiving, so it was a lot of fun for me to get to hear about everyone's Thanksgivings and to tell them about mine. Once lunch was done, we ventured over to an axe throwing place on Poyntz. There were six of us to throw axes, with four of us having thrown them before. We were not anticipating very much success, nor were we anticipating the laughter that was about to find us. The order was based on age. First up was my cousin Destiny, who had the axe ricochet multiple times before finally having it stick on the board. She was followed by my sister-in-law, Marissa, who ended up winning two out of the three games we played. Marissa tends to be good at most things and axe throwing was no exception.

I followed Marissa and my first throw landed me with four points, which was way better than any other time I had thrown axes, I was quickly excited by the possibility of not being as awful as I thought I might be.

100 000

Rose Edwards, Stillwa-

MUSHROOM

CHEESE BALL

2.5-ounce jar Green Gi-

ant sliced mushrooms,

drained (reserving 1 ta-

8 ounces shredded Cheddar

1 teaspoon prepared horse-

Coarsely chop mush-

rooms. In a bowl combine

cheese, cream cheese,

horseradish and reserved

liquid. Beat until smooth.

Stir in chopped mush-

rooms. Refrigerate about

2 hours. On plastic wrap,

shape into ball and roll in

chopped pecans. Wrap and

refrigerate until serving

time. Serve with crackers.

THANK YOU to all

those that called or

emailed in regards

to the Cookbook

8 ounces cream cheese

1/2 cup chopped pecans

Assorted crackers

blespoon liquid)

cheese

radish

ter, Oklahoma:

My cousin April was next; she was not looking forward to axe throwing, after having gone in the past and not being able to get anything to stick. The first few rounds were frustrating for her, but once she found her groove, she did amazingly. My mom was next and when I tell you we laughed, we laughed so hard with her attempts. My mother does not lack confidence and she knew she was going to be the best one at axe throwing, but apparently the axe did not get the message. She laughed until she was red in the face and after backing up a bit, we all joined in on her laughter. Last, but not least, was Marissa's mom, Jan Jan also provided quite a few laughs as she ducked after she threw the axe for the first couple of rounds. She also eventually ended up getting the hang of it and held her own. After some much-needed laughter and family bonding time, we all said our goodbyes and headed out. eager and excited for what next year's adventure might be. My mom has always been a big believer in the strength of family and the necessity of always working on our relationships, which is something that I admire about her, and I hope to instill in my kids someday. 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: boobsbrainsandbaking. If you would like to contact Michele with comments please email mcarlyon88@ gmail.com

(2) 8-ounce packages frozen green beans 1 can cream of mushroom soup 1 1/2 cups fried onion rings 3/4 cup milk **Pepper to taste** Mix all ingredients except half of the onions. Place in slow-cooker and cook on high for 4 hours or on low for 6-8 hours. When done add remaining onion rings and spread evenly. Cook 20 minutes longer.

> ***** Ireta Schwant, Blaine: "Leftover turkey? This is quick and easy!"

GOBBLE GOOD TURKEY CASSEROLE

- 1 can cream of mushroom soup
- 1 can cream of celery soup 1 package onion soup mix
- 1 cup rice
- 1 1/2 cups milk
- 3 cups leftover turkey

45 minutes.

Cassidy Eck, Rossville:

package butterscotch nips, separated

ROCKY MOUNTAIN SNOWDROPS

nut butter (I have used 1 1/2 cups Cap'N Crunch mallows

Millie Conger, Tecumseh: **CARAMEL APPLE**

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Jim- The Answer Man!

G&G Announces Its Annual Holiday Recipe Contest

Nov. 22 through Dec. 20

In observance of the holiday season, Grass & Grain will award the weekly winners \$40 in addition to the gift. **Recipes received NOW through DECEMBER 12** will be entered in the holiday contest. Enter as often as you like during this period.

BONUS DRAWING

Second chance to win! The names of all contestants will be entered in a drawing from which four names will be chosen. Each of these four contestants will receive \$40 Winners will be announced Dec. 20.

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Included are a selection of recipes that were submitted by Area Cooks and printed in Grass & Grain (circa 2015-2016) for the "Our Daily Bread" weekly recipe contest.

The winner each week is selected from the recipes printed. Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you. 1. Check your recipe carefully to make certain all ingredients are accurate and instructions are clear. 2. Be sure your name, address and phone number are on the entry. Please include a street address with your recipe entries. A post office box number is not sufficient for prize delivery. Allow 3-4 weeks for delivery. 3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505.

OR e-mail: auctions@agpress.com

- 2 cups flour 1 3/4 cups sugar
- 1 tablespoon baking powder
- 1 1/2 teaspoons ground cinnamon
- 1 teaspoon salt
- 1/2 teaspoon ground nutmeg
- 1 cup pumpkin
- 1/2 cup oil
- 3 eggs

1

1 teaspoon vanilla extract 1/3 cup evaporated milk

Preheat oven to 350 degrees. Grease a 12-cup bundt pan. Melt butterscotch chips (reserve 1 cup unmelted butterscotch chips for sauce); set aside.

2 teaspoons Dijon mustard 2 eggs Milk for thinning 1/2 pound bacon, cooked & diced (for topping) Peel, dice and boil potatoes. Cool potatoes. Mash. Mix all ingredients (except bacon) together. Add milk to consistency desired. Put into greased 9-by-13-inch pan. Bake at 350 degrees

for 20 to 25 minutes or until firm and slightly brown around edges. Sprinkle bacon over top. Warm through for another 5 minutes.









Age Of Celebration

By Lou Ann Thomas All of us are getting older. You may not consider that a good thing, but it is the reality of living. If we're lucky, we get older. That's the way it's meant to be. Even the young Whippersnappers among us are aging.

We're given these amazing body machines for a fairly short time. It doesn't take long to notice that they are continually changing, evolving and growing. We crawl, then walk, eventually we're running and begin our sprint through life. But as we grow there's no escaping we're also growing older. We're like wine in that way. Also, like wine, if we put some work into it, we get better with age. Imagine that - a human with some years on them being revered like a finely aged wine. I'm all for that. In fact, I believe it would make this world better for us

all if we could celebrate aging.

why shouldn't And we? It took us our entire lifetime to get to now. We've worked hard to get here, and we've learned so much from our journey. We walk, talk, play, drive, love, work, hug and soak up the world around us through a grid of experience to help us better understand the bigger picture. What if we were seen as the wise vessels of information that we truly are? What if our wrinkles were seen as signs of a life well lived and our sags as kisses from gravity?

But all change begins within. We must start seeing our own aging as having positive and valuable aspects. Okay, I don't care much for the aches and pains that go with a body well used, and I don't need any more titanium parts, but there are some things about getting older that I can sink in to. I move more slowly, but that allows me to be more present and to observe and appreciate all that surrounds me. When I was still able to sprint, I brushed by a lot of beauty and wonder without much acknowledgment.

I don't plan on sprinting ever again and I've noticed I now frequently walk with an ever-increasing forward hunch. The upside of this is it puts me in perfect position to find loose change that has been dropped or abandoned along the path. However, I admit there are times when I could use one of those afore mentioned Whippersnappers to help me pick it up.

Every stage or chapter of life has its mile markers. These last chapters are when our bodies and our hard shells soften. We feel the tenderness of living and the sweetness of recognizing we have more behind us than ahead. But we can also better understand that is what makes this moment, and this one and this one, so much more valuable. We may not be getting any younger but today we're the youngest we will be for the rest of this lifetime.

You might say, today we're the spring chickens of our tomorrows, and that's something to celebrate!

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



I'll Do Me

Matt and I are hermits. We see very few people. So after a week solid of seeing all the family and friends at Thanksgiving and other events, we will be hanging out with the cows as much possible for the next as week to recharge and recuperate. I used to be an outgoing introvert, but Matt has morphed me into being a complete introvert. Very slowly and surely he has accomplished this. And he's thrilled about it.

The holiday season is when my social media message box starts filling up with messages from health and fitness people to change in the new year. Lose the weight, find the body you've always wanted. become happy in your own skin. The motivational/life coaches start pushing new goals. Planning for the future, making small goals to accomplish the big things. A new year is coming, how and what are you going to do to make vour life better.

The message is the same: do more, be more, reach for higher things

I've told Matt I'm going to start a man MLM (multi-level marketing) business. I think tools would be a nice one. I'm guessing the ladies on social media can relate

to constantly getting messages from "friends" asking you to join them. That this will change your life. You don't have to sell, simply share. Men just simply don't understand the social media barrage women get from people selling you all the things. The stock messages. The "Hey, we haven't talked in forever, how are you? I'm great. I found this new thing that has completely changed my life and wondered if you'd be interested in trying" messages. They simply do not understand.

Before I go too much further, let me say, I'm not opposed to these women doing their things. Promote your oils, your shakes, your workouts, your kitchen products, your boutique, your small business whatever it is. Do it! Just do it with dignity and class. Don't act like we're besties if we're not. Don't slide into my messages telling me you can help me love the skin I'm in. Don't insult me in order to sell your product. I am happy with the body I have. I don't need you telling me I'm not perfect just the way I am right now.

If you're sharing on social media, I guarantee we know what you're selling. My biggest pet peeve... you are selling! You might be sharing your story and your success, but the ultimate goal is to sell something. Own it sister. Own the fact that you found something that works for you. That's amazing! I'm thrilled for you. Just don't assume that I'm either not happy with how I am now or that it's going to be life-changing for me.

ed with SO many options. We have all our basic needs met and more so we have so much more time and money to put to the other things. Just like there is room for organic, grass-fed, non-GMO products on the market with the "traditional" products, there is room for all the things you are selling. I love supporting my friends when I can. Just don't be pushed into or made to think that you need to change.

You are loved, you are worthy and you are enough. You don't have to change anything or push for the bigger goals. Simply being happy where you are is enough. Loving the season of life you are in now is enough. Bigger is not always better. IF you want to lose some weight and want the accountability of an online group to support you go for it; if you want to purchase oils to incorporate into your life, go for it. But also know, there are a million free workouts on YouTube. There are quality oils you can buy from companies that aren't MLMs. As we head in to the holiday season, seeing all the friends and family and starting a new year, you do vou and I'll do me. Remember, Eleanor Roosevelt said it best, "What others think of me is none of my business.'

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

We are so absolutely bless-

K-State Food Safety Expert Shares Holiday Meal Reminders Proper Meat Thawing And Preparation Is Important

K-State Research and Extension news service

MANHATTAN -The holiday season can be a great time for family and friends to gather, and Kansas State University food scientist Karen Blakeslee said following proper food safety steps will keep uninvited guests - like foodborne bacteria - from joining the party.

"The basics of cook, chill, clean and separate should guide your meal preparation, serving and clean up," said Blakeslee, who is also coordinator of K-State's Rapid Response Center

Poultry and other meat should not be rinsed before cooking, Blakeslee said. All meat should be cooked to the proper internal temperatures, which include

Allow about 24 hours to thaw 5 pounds of frozen turkey, but always add an extra day to be sure it gets thawed safely. For a 12 pound turkey, plan on at least three days in the refrigerator.

"Never thaw frozen meat or poultry at room temperature because this can allow any bacteria to grow as it warms up," Blakeslee said.

Turkey can be cooked from the frozen state, but it will take at least 50 percent longer to cook.

Another practice that can lead to foodborne illness is rinsing poultry or other whole cuts of meat. This is an unnecessary step which could lead to more foodborne illness problems, such as contaminating clean countertops or ready-to-eat foods. Cooking poultry and meat to proper internal temperatures listed above. will make these products safe.

More food safety reminders include:

- * Set oven to minimum of 325 E
- * Wash your hands often.
- * Use a shallow roasting pan with a rack and add about ¹/₂ cup water to the bottom of the pan.
- ⁴ Place the turkey on the rack, season as you like and tent with foil. Stuffing should be
- cooked separately as a casserole.
- * Foil can be removed af-

mometer, check the internal temperature at the thickest part of the breast or innermost part of the thigh.

* Refrigerate all leftovers within two hours of serving. Remove turkey meat from the bones and place in shallow containers for faster cooling.

holiday "If hosting

meals, ask others to bring side dishes such as salads or vegetable platters to make the meal easier to handle," Blakeslee said. "Many hands make light work. Just be sure to wash vour hands.'

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

Links used in this storu: K-State Horticulture Newsletter, https://hnr.k-state. edu/extension/info-center/ newsletters/index.html

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



For the first time ever, we've combined 2 years worth of unique & delicious recipes from "Our Daily Bread" (circa 2015-16) into one book of almost 200 pages. This includes a few 'vintage' recipes that were republished for our 50th anniversary in 2015. The book also contains an advertising directory for the first time.

* Steaks, roasts, chops: 145 degrees Fahrenheit.

- * Ground meat: 160 F.
- * All poultry: 165 F.

* Fish and seafood: 145 F. "Use a food thermometer to verify doneness, not color," Blakeslee said.

Thawing the turkey is an important component to add into preparation time. "If buying a frozen turkey, purchase it at least one week beforehand to allow enough time for thawing in the refrigerator," Blakeslee said. "This will depend on the size of turkey you need for your meal.'

ter 1 to 1 ½ nours of roast ing.

* When using a food ther-





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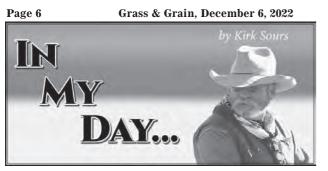
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Leap of Faith I am living proof that a Kelly Ryan silage wagon

God has his angels looking out for children and stupid men. As I consider all the "close calls" I've had over my life, those brushes with Death himself smiling in your face, there are more than I care to admit. Some were really beyond my control. But some were simply due to either carelessness or foolish judgement on my part.

One of those foolish judgement calls involved a freight train. A fast-moving freight train.

I was still working for Krouse Cattle up the road from Akins Switch in Pottawatomie County. We had hitched behind a Ford tractor and I was on the Sunday morning feed run. After delivering the ration to the alley bunks for the calves in the backgrounding lot, I dropped another bucket of silage in the feed wagon, stopped at the elevator and dropped a little rolled corn in to top-dress the morning serving for the cows, which had all but finished up calving.

It must have been early April, before grass time, but the weather was nice so I was not dressed in heavy clothing or boots. This feeling of 'lightened' freedom from the restricting winter weight of coveralls and mud-weighted five-buckle boots probably contributed to this near-fatal decision.

I headed the tractor up the long lane from the county road to the calving pasture. At the end of the lane, just before the gate entering the calving pasture, is a double railroad track; one mainline, one siding. The track on the near side to the gate is the mainline, and there wasn't enough room to park the tractor with the feed wagon hitched up, so you park on the opposite side. walk across the tracks. open the gate and walk back across the tracks to your rig.

As I had done many times, I drove on up around the hill to the feedbunks, dropped the morning load and waited for the pairs to make their way up, counting and checking cows for signs of calving in the last few hours. All were present, so I drove back down to the gate, crossed over the tracks and parked the rig, and walked back across to shut the gate. As I crossed the mainline track I heard the locomotive horn as the train approached the county road crossing nearly half a mile down the track. As I continued walking toward the gate I looked to see the headlight just as it crossed the road. I did a quick mental calculation as I picked up the pace a little, grabbed the open gate, shut it, snapped the chain, and turned back up the right-of-way, knowing I had plenty of time, but jogged up toward the track without looking.

It is impossible to calculate the speed of an oncoming freight train from a half mile away, or even a hundred yards away; throw in a 25-year-old bullet-proof "I can make it" attitude, and I had set myself up for a disaster (I had thought the train was moving 30-40 m.p.h. and I had plenty of time).

As I began to run up the right-of-way the engineer laid on the air horn and mid-stride I turned my head to the left to see that big headlight glaring in my eye. I was already committed with too much forward momentum to stop, and as my foot hit the ground inside the first rail I jumped across that track with everything I had. Time slowed to nearly a frameby-frame progression.

A freight train moving at a speed of 60 m.p.h. is traveling a mile per minute. That's a half-mile in 30 seconds. Almost exactly the time I had taken to shut that gate and get to where I now hung, suspended in front of a train! The horn was blaring

non-stop now.

I instantly knew how the bug feels just before hitting the windshield! I was mid-air and calling out the name of my Lord and Savior!

Folks, as I live and breathe today, something hit me from behind, whether it was the wind pushing off the front of that locomotive, or the hand of God, I was propelled completely across the first track. and the second track; I had cleared both the mainline and the siding! And before I hit the ground that first locomotive had passed! As I hit the ground, I nearly went down, catching myself with one hand on the ground. I stood up and turned to look at the train rushing by, my legs began to shake and realizing just how close I had come to being that bug on the front of that Union Pacific locomotive. I had to sit down!

My false calculation and devil-may-care attitude had very nearly made my wife a widow and my daughter fatherless.

I went back up there the next day and tried to jump across those tracks. I barely cleared one...

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

Certified Angus Beef welcomes Runft as new director of producer communications "Providing consumers

with the highest quality

beef doesn't just happen

by chance. It takes initia-

By B.J. Eick, CAB **Communications Strategist**

Genetics and management are at the forefront of targeting the Certified Angus Beef® brand but communicating beef value propositions to cattlemen guides informed business decisions.

To bring the most relevant production and economic information to cattlemen, Certified Angus Beef (CAB) hired fifth-generation rancher Lindsay Graber Runft as direc-tor of producer communications.

Runft oversees communications strategy and leads the brand's producer-facing messaging for seedstock breeders,



commercial cattlemen. cattle feeders and allied industry organizations as CAB continues working to strengthen its relationship with those who supply the brand.

tive and focus by those raising and feeding cattle with an eye toward con-tinual progress and improvement," says Melissa Brewer, CAB vice president of communications. "With Lindsay's years of experience and production background, we're excited to have her credibility on our team leading the engagement efforts producers in these areas." A native of south-central Kansas, Runft was raised on a small family farming and ranching operation. She graduated from Kansas State University with a bachelor's degree in agriculture, double-majoring in agricultural communications and animal science. Runft earned a master's degree in agricultural communications from Texas Tech University, with research focuses on media market research and crisis communications.

For more than a decade, Runft has served the

livestock industry's communication needs and elevated the voice of beef producers. Prior to joining the brand, she was executive director of the Livestock Publications Council and a public relations con-sultant for clients, such as Kansas Beef Council. Her experience also includes leading communications efforts for Livestock Marketing Association and managing creative services for Hereford Publications, Inc.

"Certified Angus Beef is known for its high-cal-

iber work, progressive leadership and excellent culture," Runft says. "I am thrilled to be joining the powerhouse communications team at the brand and look forward to continuing to serve the beef industry through strategic communication efforts."

Runft started with the brand on Sept. 12, 2022, and serves as the point contact for all producer-facing communications for CAB.

She can be contacted by emailing LRunft@certifiedangusbeef.com.

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By Burt Rutherford If it's true that it takes two to tango, then it stands to reason that both sides contribute equally to the genetics of the offspring. As that applies to the cattle business, according to Dr. Francis Fluharty, that means don't forget about the cows. Fluharty, head of the Animal and Dairy Science Department at the University of Georgia, re-

minded Wagyu enthusiasts attending the 2022 Shaping the Future annual conference of the American Wagyu Association (AWA) that on an individual basis the cow contributes half of the genetic potential her calf possesses. That can be good or bad. Fluharty, a feedyard nutritionist, related a story when he was

on the faculty at Ohio State University. The university would develop rations in its experimental feedlot using calves from a cow herd selected for marbling for ten generations. "If we went out and tried to implement what we found at a small commercial feedlot doing the same diets, the same recommendations, the variation on the cow side was so huge." So. while it's true that the cow contributes half of the genetic potential of her calf, she contributes all of the calf's environment to express that potential, both as a fetus and as a calf at her side. "And in an industry where we forget half of the genetics much of the time, I commend Wagyu breeders for not falling into that trap and paying attention to the female," he said. In the case of Wagyu, marbling is one of the most highly regarded genetic traits. Wagyu beef is world-renowned for its buttery flavor and marbling is the major contributor to that. However, intramuscular fat development starts with the fetus, Fluharty told Wagyu enthusiasts. The factors that impact it are age of dam and for-age quality, as well as a strategic supplementation program and a good mineral program. While all are important, Fluharty emphasized the first limiting nutrients are minerals. "We have to do a good job of keeping our cows in good body

When it comes to genetics, don't forget the cows condition and a key part of that is a good mineral pro-gram. It's a big deal in the cow herd." Then it's the forage. Fluharty urged Wagyu enthusiasts to not use corn as a supplement for cows, citing re-search that showed adding corn to the diet increased calf birth weight. "In order to optimize intramuscular fat development, to not mess up the breed-ing program that has you wanting a lighter weight calf, we need to empha-size forage digestibility," he said. Putting it in easy-to-re-

member terms, he said, "Corn is for steers, good for-age is for cows. To me, it's that simple." And he stresses high-quality forage. "We want to increase the energy of that diet so that every drop of milk has a little more energy. And the way we do that is milk fat. And the way we do that is increase forage digestibility. This is why I believe forage and forage digestibility for cows is so critical, because it not only allows that cow to produce more colostrum, but it gives more energy to the milk." Not only that, a good forage-based plane of nutrition means cows can stay on a 365-day breeding and calving schedule. The nutrients a cow consumes go first to maintenance. Once those needs are met, the cow can produce milk for the calf. If cows are underfed, he said, they will lactate, but they won't have enough left in the

tank to rebreed. "So, the reality of it is we really do need to pay attention to nutrition to have these animals breeding on time.'

How long does African **Swine Fever** live in feed?

A new study shows the African swine fever virus (ASFV) can live in feed and feed additives for at least a vear, confirming the need for all swine biosecurity plans to include feed biosecurity.

In the published study, the stability of ASFV was monitored in complete feed, soybean meal and ground corncob particles for 365 days. After ASFV contamination, the feed was stored at three temperatures (cool storage at 40°F, ambient storage at 68°F and hot storage at 95°F). Feed samples were tested throughout the oneyear period, and the virus remained stable. This information will be used to guide holding-time recommendations for highrisk feed ingredients within feed mills and swine farms. The research was conducted by the Swine Health Information Center, funded in part by Pork Checkoff dollars. This foundational study furthers their goals toward ASFV prevention and protection of the U.S. swine herd.



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Grass & Grain, December 6, 2022 Page 7 Exploring productive ways to give to charities

It's the holiday season, so gifts are probably on your mind - including gifts to charities. You could write a check, but is there a more productive way to give?

One possibility is to donate investments, such as stocks, that you've held for a long time and that have increased in value. If you itemize, you can deduct the full market value of the asset, up to 30 percent of your adjusted gross income, and you won't incur the capital gains taxes that you would have, if you eventually sold the stocks.

But here's what's interesting: Those who work with a financial advisor on charitable strategies are more than three times as likely to donate non-cash assets such as stocks than those who contribute to charities but don't work with an advisor, according to an August 2022 survey from Edward Jones and Morning Consult, a global data intelligence company.

These findings suggest that many more people could take advantage of tax-smart charitable giving moves if they had some help or guidance. So, consider getting

some assistance in making charita-ble gifts. It could be a good move for you and the charitable groups you support.

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K-State students earn CHS Foundation scholarships

Cara DeTar of Coffeyville, a senior in agricultural education; Ashley Hartman of Waterloo, Illinois, a senior in agricultural economics; Kagan Keeten of Glade, a junior in agribusiness; Piper Schlatter of Hutchinson, a junior in agribusiness; Caleb Stout of Cottonwood Falls, a junior in agricultural eco-nomics and global food systems leadership; Liberty Thompson of Elkton, South Dakota, a senior in agricultural economics and global food systems leadership; and Baylee Wulfkuhle of Lawrence, a junior in agricultural economics and global food systems leadership; have each been awarded a CHS Foundation Scholarship through the Arthur Capper Cooperative Center and the Department of Ag-ricultural Economics at Kansas State University. Three freshmen were also awarded CHS Foundation Scholarships through the College of Agriculture at Kansas State University: Katie Cummings of Spen-cer, West Virginia, a freshman in agribusiness; James DeRouchey of Wamego, a freshman in agri-business; and Gillian Villa of Santa Maria, California, a freshman in agribusiness.

Cara DeTar is an engaged student who is involved in multiple organizations while maintaining high academic standards and working part-time. She has been involved in national FFA. earned an FFA American Degree and traveled the state working with FFA clubs and students. Cara has served as treasurer for Ag Ed Club and is involved with the Teach Ag Students in Kansas (TASK) Force. She completed an internship with Bartlett Co-op as a



Pictured are Dr. Brian Briggeman, ACCC Director and KSU AGEC Professor, Kagan Keeten, Baylee Wulfkuhle, Liberty Thompson and Ashley Hartman at the K-State Agricultural Economics Awards Banquet, September 30, 2022. Not pictured: Katie Cummings, James DeRouchey, Cara DeTar, Piper Schlatter, Caleb Stout and Gillian Villa.

Feed Mill Intern. Upon graduation in May 2023, she plans to pursue a career as an agricultural education teacher and FFA advisor. The DeTar family is affiliated with the following cooperatives: Bartlett Co-op and Frontier Farm Credit.

Ashley Hartman is involved in several organizations on campus. She has served in leadership roles in Kansas State Sigma Alpha Professional Ag Sorority and in the K-State Dairy Science Club where she most recently served as president. She is an ambassador for K-State's College of Agriculture and a member of K-State Agricultural Economics/Agribusiness Club and NAMA. She has been involved with FFA and earned an FFA American Degree. She grew up working on her family farm and upon gradua-tion in May 2023, hopes to work in the agriculture industry in an area that allows her to continue to help on the family farm. The Hartman family is affiliated with the following cooperatives: Farm Credit Services of Illinois, Gateway FS and Monroe Coun-

ty Electric Cooperative.

Kagan Keeten grew up working long hours on the family farm. He has taken that work ethic to school maintaining a high academic standard while being involved in clubs and activities. Kagan is a member of the K-State Cattleman's Club and K-State Agricultural Economics/Agribusiness Club. Upon graduation in May 2024, he hopes to work as a banker or farmer/rancher. The Keeten family is affiliated with Farm Credit Services of America and Trinity Ag, LLC.

Piper Schlatter developed her passion for ag through 4-H and FFA. She is actively involved in sever-al organizations on campus and is currently serving as president for the K-State College of Agricul-ture's Ag Ambassadors. She is also a member of the K-State Collegiate Farm Bureau, National FFA and K-State Agricultural Economics/Agribusiness Club. Piper works for the Arthur Capper Coopera-tive Center (ACCC) as a student assistant while going to school. She completed an internship with American AgCredit during the summer of 2022 and has an upcoming internship with Corteva. Upon graduation in December 2023, Piper is interested in working in ag lending or grain origination. The Schlatter family is affiliated with the following cooperatives: High Plains Farm Credit and Rolling Hills Electric Cooperative.

Caleb Stout serves as a College of Agriculture student senator and is a member of FarmHouse Fra-ternity where he serves as the new member educator. He also serves on the Student Alumni Board and the Privilege Fee Committee. Caleb had the honor of serving as a United State Senate page and upon graduation in May 2024, he hopes to work in public service either through the military or in Washington D.C. The Stout family is affiliated with the following cooperatives: Flint Hills Rural Elec-tric Cooperative and Frontier Farm Credit.

Liberty Thompson is actively involved on campus and serves as a K-State College of Ag Ambassador. She is a member of multiple organizations, including the Kansas State Mortar Board Senior Honor Society, Agriculture Future of America and K-State Agricultural Economics/Agribusiness Club. Liberty completed an internship with Frontier Farm Credit and hopes to find work in the cooperative sys-tem upon graduation in December 2023. The Thompson family is affiliated with the following co-operatives: AgFirst Farmers Cooperative, CHS Elkton, Dakotaland Federal Credit Union. Farm Credit Services of America, GENEX, Hendricks Elevator, ITC, River's Edge

Cooperative, Sinai Co-op Elevator Co., Sioux Vallev Electric Cooperative Tyler Lumber Company and Valley Central Co-op.

Wulfkuhle Baylee is a KSU Food Security Scholar and is a member of the K-State Agricultural Eco-nomics/Agribusiness Club. She is also a member of and has held leadership positions for the Kansas Junior Angus Association and National Junior Angus Association. Baylee completed an internship with Landmark National Bank during the summer of 2022. Upon graduation in December 2023, she plans to pursue a career in ag lending. The Wulfkuhle family is affiliated with the following cooper-atives: Farm Credit Services of America, Free State Electric Cooperative and Frontier Farm Credit.

"The CHS Foundation Scholarships are one way the CHS Foundation is giving back to future agricul-tural leaders at Kansas State University," states Professor Brian Briggeman, director of the Arthur Capper Cooperative Center. The CHS Foundation, funded by gifts from CHS Inc., the nation's leading farmer-owned cooperative, has awarded \$205,300 in scholarships through the Arthur Capper Co-operative Center in the Department of Agricultural Economics at Kansas State

University since $2\overline{006}$

To be eligible for the scholarship, the students must be U.S. citizens or legal residents properly en-rolled as a freshman, sophomore, junior or senior during the current academic year majoring in an agriculture-focused or ag-related STEM undergraduate program. Recipients must demonstrate aca-demic ability and exhibit leadership qualities through the university, community or ag industry in-volvement. Priority is given to students demonstrating an interest in agriculture-based coopera-tives. Continuing K-State students are encouraged to fill out the K-State scholarship application to be included in the university scholarship process for the 2023-2024 academic vear.

The awarding of the CHS Foundation Scholarships is coordinated through the Arthur Capper Coop-erative Center. "Additional contributions by those who want to support the purposes of coopera-tive scholarships are welcome," Dr. Briggeman said. They should be made payable to "KSU Founda-tion/ACCC" and sent to the Arthur Capper Cooperative Center, Department of Agricultural Economics, 305 Waters Hall, Kansas State University, Manhattan, Kansas, 66506.



parasite anaging a post-weaning that calves sick with coc- scraped well and they are going to be caring for By Lisa Moser, K-State

Research and Extension

cidiosis will just appear ill in a clean environment," and not be thriving "Newly weaned calves are going through dietary changes and experiencing stresses that make them more susceptible to disease at this time of life," Larson said. For producers who have this sickness moving through the calves. Larson advises talking to the local veterinarian to confirm that coccidiosis is the correct diagnosis, and then employ manage-ment and treatment options. "First, make sure that you have good sanitation procedures in place, which means that the lots the calves are in are

Larson said. "Also make sure the calves are eating their feed and hay from feeders so that calves are not eating feed that could be contaminated by the ground."

newly weaned, stressed calves that it is important to start the medication before there is a problem.

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news service

Tummy troubles can be miserable and if diarrhea is a symptom, it can lead to a serious illness in people and cattle, say the experts at the Kansas State University Beef Cattle Institute on a recent Cattle Chat podcast.

"Newly weaned calves can show signs of coccidiosis, which is caused by a parasite that in-vades the lining of the small intestine and can result in bloody diarrhea," said Bob Larson, K-State veterinarian

Another sign that calves may be ill is a rough haircoat, Larson said, adding

Larson also recommended using additives in the feed and water to help reduce the parasite load.

"We have an additive specifically to prevent or treat coccidiosis that can be delivered in water or feed and we can add ionophores to the feed that can help us control coccidiosis as well as have feed efficiency benefits," he said.

He advises that when producers know they are

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"Because of the life cycle of the parasite, it is important to add the medication to the feed or water for a 28-day period," Larson said. "Start the calves on the medication when they are moved to the dry lot and then keep them on it for a few weeks."

To hear the full discussion, listen to the Cattle Chat podcast online or on your preferred stream-ing platform.

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Grass & Grain, December 6, 2022



As a journalist and historian it pains me to report that I rarely watch the news or listen to the news or read the news. An exception is the local newspaper (The Oakley Graphic, which rarely re-

ports really awful things) and papers decades and cen-turies old. It seems that with the passage of time, bad news really is more bearable. Oh. and of course, I read Grass & Grain, which is both informative and en-tertaining and rarely involves multiple disasters.

In the Graphic, my favorite column is "Looking Back," where Kerri Travnor goes through the old newspapers and picks items that occurred from five to a hundred years ago. Last week's column included notices of how the local fire department was organized in 1922 and that in 1972 the milo harvest was slow because of the wet conditions: "The combining has been at a virtual standstill since the wet, sev-en-inch snow Nov. 13 and most of the area milo remained in the fields." While we can commiserate with those farmers decades ago, a very wet seven-inch snow would be the cause of dancing in the streets right now.

Meanwhile, in 1877, heavy rains were also making news, in southwestern Kansas and the Panhandles to the south. Reports of up to five inches of rain in a day led to flooded creeks and rivers. Near Camp Supply (in present-day Woodward County, Okla.), workers sought refuge in a shanty – like a line shack – while they were working. There being only a dirt floor, the water became so high that one gentleman

slept on the table and his co-workers left to seek shelter elsewhere. The next morning, the lone occupant of the shack was found crushed to death when the flooding washed away the underpinnings, collapsing the entire structure on him.

Other items mentioned flooding between Forts Dodge and Supply and said there really should be some bridges built. The flooded conditions made it particularly difficult to pursue the elusive "Frenchy," a former teamster at Fort Dodge's quartermaster operations. Frenchy, actually a German, had shot a fellow

German over a debt and had taken off in the rain (I must follow up in later newspapers to determine if he was apprehended).

It really offers perspective on today's challenges and reminds us that the roads and bridges we complain about today were only dreams a few short years ago.

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 commemorated through 2025. Contact her at au-thor.debgoodrich@ amail.com.

Multi-state Land Management and Leasing Workshop planned for midwestern women in ag

By Kelsey Hatesohl, River Valley Extension **District** agent

An upcoming four-part Extension workshop for women in agriculture will focus on the basics of land management, leasing, and conservation for landlords and tenants.

"The Power of Negotiation and Communication: Land Leasing Strategies for Midwestern Ag Women" program will be a four-part series, held in Washington at KSDS East Building Meeting Room (124 7th St. Washington, KS 66968). The series will focus on writing agricultural lease agreements, landlord-tenant relationships, negotiations, and conservation practices. Workshops will be held from 5:30 p.m. to 8:30 p.m. Central time on Jan. 18, Jan. 25, Feb. 1, and Feb. 8, 2023.

The program is a collaboration between Extension Women in Agriculture programs at Purdue University, Kansas State University, and the University of Nebraska-Lincoln.

According to the Department of Agriculture census data from 2017. there are over 90,000 women producers and over 51,000 female landlords in the three states. "Women represent an

important and growing demographic in agricultural land management and this workshop series will teach essential management information while providing participants the chance to ask questions, connect with each other and share their experiences," said Robin Reid. Extension farm economist with K-State Research and Extension.

Each state will host a number of workshop sites with local Extension personnel. Keynote speakers will be simulcast to each location and each site will provide additional speakers and hands-on activities. Dinner will be included.

Reid said the program's structure is intended to strengthen networks of women in rural areas, which can provide opportunities for building trust and sharing information. "Connections are so important to women farmers," she said. "We have seen the benefits that come from knowing your peers, having a place to share difficulties, and mitigate the isolation that so many of us in agriculture often feel."

The workshops seek to help participants increase their awareness of local land values and cash rental rates and the factors that influence them. They will also cover the importance of having a written lease and the items that should be included in it to ensure an equitable agreement for all parties. Participants will learn negotiation strategies as well as best practices to improve relationships between landlords and tenants.

Conservation programs will also be covered so that participants will have a greater understanding of compliance requirements and increase their awareness of voluntary conservation programs that are available to them.

2019. In addition to build-

ing partnerships and host-

ing a local food summit,

the team plans to provide

training to farms and busi-

nesses on marketing and

sales options, and create a

consumer education cam-

Elizabeth Kiss, a fam-

ily resource specialist

with K-State Research

and Extension, cited a

2014 study by the Cross-

roads Resource Center

that indicated more than

90% of the state's dollars

spent on food are spent

on food shipped from out-

side of Kansas. She said if

every Kansan spent just \$5

per week on local food, it

would generate \$750 mil-

lion in annual revenue for

small and mid-sized Kan-

sas farms.

paign.

The series of four workshops cost \$50 per person (includes dinner each night) and participants should plan to attend each session. Registration is required by Jan. 13 and may be completed at www.agmanager. info/events under the program "The Power of Negotiation and Communication: Land Leasing Strategies for Midwestern Ag Women." You can also call the River Valley Extension District-Washington Office at 785-325-2121.

This material is based upon work supported by USDA NIFA under Award Number 2021-70027-34694.

K-State receives \$750K grant to spur local food systems in Kansas farms and ends with food Transdisciplinary team in

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

In Kansas, agriculture is the top economic activity, to the tune of \$64 billion annually, and more than 250,000 jobs. The state is a national leader in producing wheat, grain sorghum and beef.

"However," said Rebecca McMahon, a horticulture food crops agent for K-State Research and Extension's Sedgwick County office, "despite Kansas" important role in agricultural production for national and global markets, people in all 105 counties in our state struggle to access quality, nutritious foods.'

"In a state that prides itself on feeding the world, we currently struggle to adequately feed and nourish our own residents."

McMahon is part of a Kansas State University team that has received a U.S. Department of Agriculture grant for just under \$750,000 to support and enhance local food systems in the state.

"In a very general sense, a food system is a way of talking about the entire process that begins with food production on

on everyone's plates – and even beyond that to the question of food waste reduction," said Londa Nwadike, a food safety specialist with dual Extension appointments in Kansas and Missouri.

She adds: "A local food system emphasizes building as much of that system within a local or regional area as possible because there are both economic and health benefits from having more resilient, local and regional food systems. The priorities could also look different in each community - maybe in one place it would involve starting a community garden, while in another community it might mean re-establishing or expanding the capacity of a local meat processing facility."

Rial Carver, program manager for K-State's **Rural Grocery Initiative** and the Kansas Healthy Food Initiative, said the USDA grant establishes the Center for Local Food Systems at K-State, including two full-time staff members that will support the needs of people across Kansas.

"There are many great local food efforts happening all across the state, but K-State Research and Extension's ability to support and partner with those local efforts has been hampered by a lack of coordination and resources," Carver said.

The three-year grant builds on work that K-State Extension agents and specialists have worked on for many years, including establishing a Local Food

Kiss also said the Center for Local Food Systems will make it easier for peoelsewhere in the state, and develop partnerships to solve local problems related to food production and food access.

"Everyone in Kansas eats and has been impacted by either supply chain issues or food costs in the past few years," Kiss said. "While this grant won't bring about quick solutions to those challenges, by learning and working together we can increase the efficiency and capacity of our small farms, local food businesses, and non-profits that are already hard at work feeding the people of Kansas."

K-State is working with the Kansas Black Farmer's Association, the Kansas Rural Center, the Kansas Food Action Network and the Center for Rural Enterprise Engagement to carry out the grant.

More information is



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tles; shop fridge; shop freezer sewing machine table; patio furniture set: iron wheel: wood shelves; doors; bicycles; vin tage table; trash cans; planters misc. garden items; vintage ice cream maker; galvanized tub & bucket; garage door; electric heater; fan; turkey fryer; flo-rescent bulbs; Oklahoma Joe smoker

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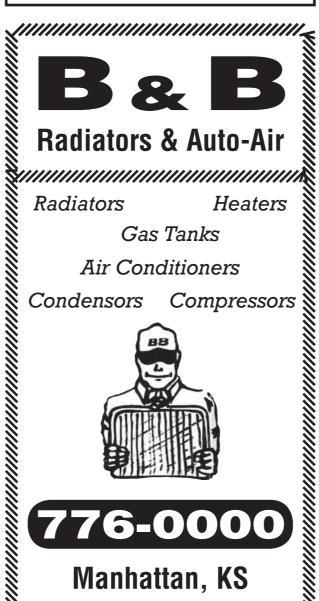
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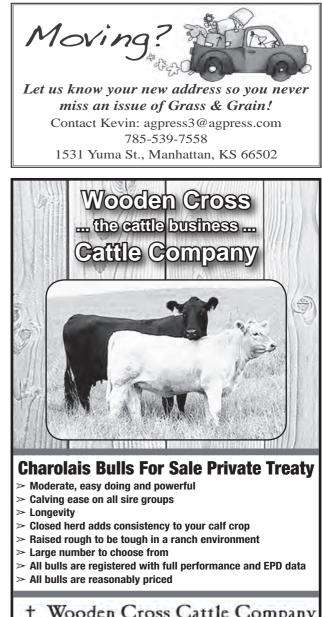


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Grass & Grain, December 6, 2022 Page 9 Kansas family creates endowment to support international travel for youth

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

The family of the late Eula Mae Goodfellow of Lyons has donated toward an endowment that will support opportunities for Kansas youth to travel internationally, honoring one of Eula Mae's passions during her life.

Emily Page, the vice president for the Kansas International 4-H Youth Exchange (IFYE), said the Goodfellow family gift will jump-start a partnership between IFYE and the Kansas 4-H Foundation to create a \$25,000 endowed scholarship fund for youth interested in international travel through 4-H pro-

"Eula Mae was a beloved member of the IFYE family and a shining example of how international travel can be life-changing," said Dana Hinshaw, treasurer of the Kansas

grams

IFYE Association. According to the IFYE Association of the USA, IFYE was founded after World War II as young Americans perceived the need for greater international understanding and cooperation. Youth in the U.S. live and work with host families in another country, while youth from abroad come to the United States to live with host families for an equal amount of time.

The program was originally known as the International Farm Youth Exchange.

"The youth participant and the host family learn about each other's culture by participating in the host family's daily life, promoting 'peace through understanding," Page said.

She added that 2023 will mark the 75th year of IFYE exchange trips. "More than 4.000 Americans have lived in 116 countries, while a similar number of young people from those nations have come to the United States," she said.

Eula Mae Goodfellow was one of those, having participated in an exchange trip to Belgium in 1955 where she lived with four host families - two that spoke French and two that spoke Flemish.

"One of her host families had milk cows, so she enjoyed bottle-feeding the calves and helping the host mother make butter and cheese," said her husband Don Goodfellow, who remembers letters from Eula Mae in which she described her experience. "She never complained about her harsh living conditions and always had something positive to say."

The couple's story began just prior to Eula Mae's IFYE experience; Don proposed to her two weeks before she left for Belgium, and prior to his own departure for a onevear commitment with the International Voluntary Service program in Iraq.

"All her life, Eula Mae was a travel enthusiast planning many family vacations," Don said. The couple attended numerous national and international IFYE conferences as well as mission trips, disaster relief cleanups, group tour vacations and motorcycle excursions.

'Eula Mae was an abundance of energy, never met a stranger, loved to travel and generously practiced hospitality," Don said.

gens of Beatrice, Neb.; and Teresa (Joel) Miller of St. John: as well as eight grandchildren and 16 great grandchildren.

A fund has been established through the Kansas 4-H Foundation for those who would like to support the endowed scholarship. More information is available online at www.Kansas4HFoundation.org/give (reference 'Kansas IFYE Association Endowment Fund #06-4925).

More information is also available by calling Jennifer Pfortmiller with the Kansas IFYE Association at 620-786-5845, or sending email to sjpfortmiller@hotmail.com

Land O'Lakes donates 40,000 pounds of macaroni and cheese to Kansas Food Bank in Wichita

Land O'Lakes, Inc. donated nearly 40,000 pounds of Land O' Lakes® macaroni and cheese to Kansas Food Bank through the Land O'Lakes First Run Program. The First Run Program has donated more than 6.5 million pounds of product since it was established in 2010. The program is committed to providing truckloads of fresh product year-round, made specifically for food banks to help alleviate hunger across the United States. "As a nation-



Wildcat 4-H Quiz Bowl team represented Kansas at the National Contest earning Reserve Champion honors. Pictured from left to right are Trey Newby, Maddix Small, Cecillia Newby, and Maggie Chandler and Coach Nicole Small. Not pictured are alternates Maggie McVey, Silas Good and Taylor Allen.

National reserve champion 4-H Quiz Bowl team from the Wildcat District

The Wildcat 4-H Quiz the tenth-high individual Bowl Team traveled to the in the quiz bowl contest. North American Interna-

The Wildcat District



MKC and Land O' Lakes recently made a large donation to the Kansas Food Bank to assist families in need.

al, farmer-owned cooperative, Land O'Lakes is committed to helping the growing number of people who struggle to put food on their table," said Sheilah Stewart, SVP and general counsel, Land O'Lakes, Inc. "The First

Run program provides a unique opportunity for Land O'Lakes to offer nutritious products to families in need."

"Last year, the Kansas Food Bank provided more than 13.6 million meals to Kansans strug

Which disinfectants kill African swine fever?

off-funded research, USDA recently added two chemicals to the list of approved disinfectants for use against animal disease.

Acetic acid • approved for hard sur-

faces, including feed surfaces Virocid

 approved for livestock pens, quarters, premises, stalls. barns

• also approved for feeding and watering equipment, transportation vehicles, veterinary hos pital and slaughterhouse premises

Thanks to Pork Check- through direct or indirect contact. There is currently no vaccine or treatment available.

The family gift includes her surviving children: daughters Kristen Higgling to put food on the table," said Brian Walker, president and CEO of the Kansas Food Bank. "It is

because of donations and partners such as Land O'Lakes that we are able to provide those missing meals for families, children and seniors who turn to us for help. We are truly thankful for this donation and opportunity to be a recipient of the First Run Program."

Kansas Food Bank that provides hunger relief to many people within our footprint," says Brad Stedman, president and CEO of MKC, a member-owner of Land O'Lakes. "We are committed to addressing food insecurity in the communities we operate and proud to support our local food banks." For more information on Land O'Lakes' commitment to the community, visit at www.landolakesinc.com/ responsibility.

"This is an opportunity for us to assist the

(+))))((+) SATURDAY, DECEMBER 10, 2022 — 10:00 AM LOCATION: Gage County Fairgrounds, 4-H Inc. Building, 1000 West Scott St., BEATRICE, NEBRASKA

2000 Ford LGT F-150 PICKUP * TOOL CHESTS

POWER TOOLS & SHOP TOOLS (MANY YEARS OF TURNING WRENCHES AT ROEHR'S MACHINERY-BEATRICE!) MISC.: TroyBilt gas power hoe; Medallion solid state DC power sup-

ply; air compressor; Heaters; Stanley 2-wheel tool cart; 16"x30" 2-tier roller mechanics cart; hand planes; fencing pliers; wood chisels; Sweden SS filet knife; wood burning box stove **& Much More. COL-**LECTIBLES: Texaco enamel 6"x24" "No Smoking" sign; 5-Cent beer mirror; Hamms Bear mirror sign; Metal Toys; **& More!**

ALLEN "AJ" JENSEN ESTATE

See Last Week's Grass & Grain for Listings or Log on to: www.beatrice77.net (Click on "The Auctioneers") (FOR AUCTION LISTING W/PICTURES) Clerks: TON – SOL Clerking, Ph: 402-239-8741 * Lunch & Restrooms

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UPCOMING SPECIAL ISSUES Christmas Greetings Special - Dec. 20th

Topeka Farm Show - January 3rd

tional Livestock Exposition (NAILE) in Louisville, Kentucky on November 15th for the contest. The team returned home as Reserve National Champions. The second-place team consisted of Cecillia Newby, Maggie Chandler, Trey Newby, and Maddix Small. The team was coached by 4-H volunteer Nicole Small. Team alternates that attended and helped the team prepare were Maggie McVey, Silas Good, and Taylor Allen.

Trey Newby, Montgomery County 4-H, was the second-high individual and Cecillia Newby, Labette County 4-H, was

GHRHA

4-H team earned the opportunity to represent Kansas at the National 4-H Livestock Quiz Bowl competition after winning the Kansas contest in August. Livestock Quiz Bowl is a Jeopardy-style competition where participants answer a wide range of livestock related questions by buzzing in.

4-H enrollment is open. If youth have an interest in learning more about a wide variety of 4-H programming or our judging teams please contact your local Extension office or Katie Townsend at 620-331-2690

Chemical disinfectants protect animal health by killing viruses on hard surfaces before they cause disease in animals. They're an important part of a biosecurity plan to protect your herd in case of a potential foreign animal disease outbreak.

Cleaning and disinfecting essential vehicles and equipment entering and leaving a farm can reduce the risk of spreading viruses - like African swine fever (ASF).

ASF is a highly contagious, viral pig disease that can spread very quickly



ANDGRA

I H N HCON

Full of Bullz - January 10th Crop Production & Protection - Feb. 14th Farm Building - March 7th

DEADLINES:

-2022 -Christmas Greetings - Dec. 14th, before Noon Topeka Farm Show - Dec. 28th, before Noon Full of Bullz - Jan. 4th, before Noon Crop Production & Protection - Feb. 8th, before Noon Farm Building - March 1st, before Noon

To advertise in these or future special issues, contact your GRASS & GRAIN sales rep:

Briana McKay

- Sales Representative briana@agpress.com Office: 785-539-7558



Donna Sullivan - Managing Editor gandgeditor@agpress.com Office: 785-539-7558

Page 10 Grass & Grain, December 6, 2022 Eastern redcedar with herbicides Management of

By David Hallauer, Meadowlark District Extension agent, crops and soils/horticulture

The most common control methods used against Eastern redcedar are typically prescribed fire and cutting below the lowest branches. Fire works well on trees less than three feet tall where fuel loads are adequate to burn a significant portion of the tree. On larger trees, cutting below the lowest branches is effective since Eastern redcedar doesn't resprout like hedge or locust. While not used as often, herbicides can also be an option in specific situations.

When herbicides are used for foliar application, products containing picloram are the most commonly used, with Escort XP having a label as well. All are relatively low usage rate products, but work best on small trees, require high spray volumes, thorough spray coverage, and may require a non-ionic surfactant for best results. They can be effective, but high spray volumes may be cost prohibitive and control decreases rapidly as trees height increases.

Soil applied options are available as well and include products like Tordon, Velpar L, and Pronone Power Pellets. Products are typically applied on the upslope side of plant during April and May or September and October with exact delivery hand-gun applicator. Rainfall is needed for activation and surrounding vegetation can be damaged.

Eastern redcedar management is an important part of grazing land management. Herbicides are often less economical than other methods, but may be a good option in specific situations. Many labeled products are restricted-use pesticides with very specific application instructions to reduce vegetation damage. Always read and follow label directions.

For information, request a copy of the 2022 KSU Chemical Weed Control Office available from District Offices or online at: https://bookstore.ksre.ksu.edu/pubs/ SRP1169.pdf.

The CaRPE ToolTM gives state and federal policy makers the opportunity to 'Seize the Carbon': reducing carbon emissions through agriculture American Farmland policy recommendations cent of the planet's arable and solve the climate cri-their management systems brief for Michiga

Trust has released its updated CaRPE Tool™ and the first of a series of briefs to help states estimate greenhouse gas (GHG) emission reduction opportunities from the implementation of climate-smart cropland and grazing land management practices. The tool and state-specific briefs, which summarize the carbon benefits of climate-smart practices and provide state and federal

to increase their adoption, are now available. These briefs are designed to help policy makers and land managers prioritize efforts for cost-effective climate benefits available from the agricultural sector.

By some estimates, as much as one-third of the carbon in our atmosphere could be returned to the soil by increasing adoption of climate-smart farming systems worldwide. And with ten per-



Grimmel-Schaake Cattle Company, Manhattan, won premier breeder at the American Royal National Hereford Show held October 23 in Kansas City, Missouri.

AUCTION Reminder SATURDAY, DECEMBER 10, 2022 - 10:00 AM (Rescheduled from November 5th) 13462 222nd, LINWOOD, KANSAS From Linwood West on Hwy 32 to 222nd turn North 1 Mile to Auction! WATCH FOR SIGNS! **COMBINE, TRAILER, EQUIPMENT, COLLECTIBLES & MISC. & MORE!** Please visit us online: www.KansasAuctions.net/elston for Pictures & Complete Listing! Concessions: Worden Church Ladies. Loader Tractor available SELLER: DAVE & JULIE DOWNES ELSTON AUCTIONS * (785-594-0505) (785-218-7851) "Serving Your Auction Needs Since 1994

5 SATURDAY. DECEMBER 10. 2022 * 9:30 AM LOCATION: 912 S. Valley Pride Road - HUTCHINSON, KS 67501 Go 1 mile west of Love's Truck Stop in South Hutchinson, on Frontage Rd to Valley Pride Rd then 1/2 mile north.

ger; 3 pt IH 9' Sickle Mower; Cleaner Calkins Seed VEHICLES & CAMPER:

land, the United States can make a global difference by doing so. Drawing carbon from the air and storing it in agricultural soils offers an immediately available, low-cost, and proven way to address climate change and offset emissions to reach net-zero. No other solution to climate change comes with more of the co-benefits we need for a sustainable future: resilient, viable, productive farms and ranches with improved bottom lines and lower risk; food security; flood control; improved water quality and quantity; biodiversity; and wildlife habitat, above and

below ground. "States across the U.S. are moving urgently to implement strategies that reduce emissions in pursuit of net-zero through policy change, renewable infrastructure energy build out and electric vehicle mandates. The reauthorization of the federal Farm Bill is just around the corner," said Bianca Moebius-Clune. Ph D. AFT climate initiative director. "Agriculture is an immediately available, affordable, and necessary tool to reduce emissions

sis and deploying it is a win-win for producers and society. Leaving these opportunities on the table does not make sense, vet it has not been easy to determine what implementing agricultural solutions will cost and what benefits they will bring. In answering those questions, CaRPE ToolTM has been a game-changer."

"The Intergovernmental Panel on Climate Change (IPCC) has emphasized how we need to not only reduce future emissions, but we also need to remove existing CO2 from the atmosphere," said Bonnie McGill, Ph.D., AFT senior climate and soil health scientist. "Agriculture is one of the few sectors that can do that relatively inexpensively."

"Farmers and ranchers are on the frontlines of climate change, and yet they also may be the key to offer one of the best pathways available to address the climate crisis while building their resilience to extreme weather and improving their bottom lines," said Samantha Levy, AFT's conservation and climate policy manager. "But making changes in may pose additional risk in an already risky business. We're about to head into the reauthorization of the Farm Bill and states' 2023 legislative sessions. Federal and state governments are well-poised right now to build on actions they have already taken and provide more of the financial and technical assistance that farmers and ranchers need to transition to long-term adoption of proven, locally adapted, successful climate-smart practices."

The state-specific briefs provide recommendations to state leaders and elected officials on how to advance policies and programs to increase the adoption of these critical climate-smart systems. In addition, they demonstrate how adoption of these practices can contribute to state and national climate emissions reduction goals.

The first in this series published are for Virginia, Illinois, New Hampshire and Oregon, where great opportunities to adopt policies to advance the adoption of climate smart systems of practices exist. AFT will also release a

brief for Michigan that focuses on 2023 Farm Bill recommendations to complement these state-level actions. Full reports providing more detailed methods and results that informed the briefs will be released soon. AFT expects to release more state-specific briefs with emissions reductions estimates from the adoption of climate smart practices, and recommendations for how state policy makers can work to support farmers in increasing adoption.

The CaRPE Tool[™] has been available from AFT since fall of 2020 and used by states to build working lands solutions into climate mitigation plans and state soil health efforts. Recent updates to the tool allow users to view data by USDA Farm Resource Regions (in addition to seeing results by counties and states) and get the weighted emission reduction coefficient (county and practice-specific tonnes of CO2e per acre per year) for their scenarios and map these coefficients, among other updates.

For assistance in using the tool please reach out to the AFT climate team climate@farmland.org.

Northern Plains Region sees 7% decline in farm workers

In the Northern Plains Region (Kansas, Nebraska, North Dakota, and South Dakota) there were 38,000 workers hired directly by farm operators on farms and ranches during the week of July 10-16, 2022, down 7% from the July 2021 reference week, according to USDA's National Agricultural Statistics Service. Workers numbered 45,000 during the

week of October 9-15, 2022, unchanged from the October 2021 reference week. Farm operators paid their hired workers an average wage of \$17.69 per hour during the July 2022 reference week, up 4% from the July 2021 reference week. Field workers received an average of \$17.57 per hour, up \$0.56. Livestock workers earned \$16.85 per hour, up \$0.49 from a year earlier. The field and livestock worker combined wage rate at \$17.25, was up \$0.54 from the 2021 reference week. Hired laborers worked an average of 44.4 hours during the July 2022 reference week, compared with 47.1 hours worked during the July 2021 reference week. Farm operators paid their hired workers an average wage of \$18.22 per hour during the October 2022 reference week, up 6% from the October 2021 reference week. Field workers received an

average of \$18.46 per hour, up \$1.25. Livestock workers earned \$16.88 per hour, up \$0.43 from a year earlier. The field and livestock worker combined wage rate, at \$17.88, was up \$0.97 from the October 2021 reference week. Hired laborers worked an average of 45.9 hours during the October 2022 reference week, compared with 48.8 hours worked during the October 2021 reference week.

Schumacher 10Amp charger

Kolpin ATV rhino grips; Klein

Tools elec maintenance test kit;

Pittsburg 10,000'/metric measure wheel; solar panel charger

50Amp RV power charger; (8)

10" magnetic tool holders; air hose; 2" spring clamps; 14" cut off wheels; (8) 24" new scaf-

folding levelers; 5-gal backpack sprayer; ratchet & tow straps; laser BA HA LED 13" light bar;

(2) pairs of jack stands; tarps;

Makita gas leaf blower; concrete





1991 24' American Star Camper; 1967 Ford F-600 (stub nose) Super Duty

Grain Truck w/19' Twin Screw Steel Bed and 198k miles; 1969 Ford Super Duty 850 Grain Truck w/20' Bed and 2 Filler Augers w/90k miles; 1962 Chevrolet 60 M-62-1079 Superior Coach School Bus; 1963 Ford Galaxie 500 4 Door Car w/76k miles 1986 Grand Marguis L8 4 Door Car w/77k miles; 1969 Ford Galaxie 500 4 Door Car w/74k miles; 1982 Ford LTD Car w/100k miles; 1985 Ford F-250 Pickup w/23k miles, Crew Cab, 4 WD; 1986 Ford F-250 Pickup w/30k miles (front end damage); 1968 GMC Pickup; 1952-? Chevrolet Grain Truck 13' Bed; 1951-? Ford F-4 Grain Truck w10' Bed and 71k miles; 2016 Subaru Outback w/160k miles.



TRACTORS & WHEEL LOADER: Euclid 72-41AA Wheel Loader; Versatile 875 4 Wheel Drive Diesel Tractor w/5395 Hrs; Versatile 850 4 Wheel Drive Diesel Tractor w/2000 Hrs; Oliver 1900 Hy-

dra Power Diesel Tractor w/5170 Hrs. Oliver 1850 Hydra Power Diesel Tractor w/10k hours; Oliver 1850 LP Gas Tractor; Case LA Propane Tractor ser # 509849; IH 674 Gas Tractor w/3448 Hrs; Case SC Tractor w/wide front, ser # 6604846; Farmall B Tractor-Culti Vision; 4-Farmall H Tractors; Ford 8N Tractor: IH Lawn Tractor w/Tiller.

FARM EQUIPMENT: Kinze 21 row 24" Spacing Corn Planter: AC Gleaner N6 and L2 Combines: AC Gleaner Baldwin Combine w/18' Grain Head; 26', 19' and 15' Gleaner Combine Grain Heads; NH 1034 Stackliner; NH 278 Hayliner Wire Tie Baler; Grain Liner M-700 Grain Cart; Cropgard Super 40 Farm Dryer Wagon; New Leader L-20-15 Fertilizer Spreader: Krause 60'. 34' and 30' Field Cultivator; Krause 15' Springtooth: Krause 16' Chisel: Krause 3 Blade V-Plow; Graham 12' Chisel; Wilbeck 14' Offset Disc; 8' Custom Dirt Mover; Portable Winch/Gin Pole Combo; MM and Oliver Superior 16 Hole Drills; 8-Portable Anhydrous Tanks; Wilbeck 18' Offset Disc w/no axle; Bush Hog 7' Whirlcut Mower; Bush Hog 11 Row Cultivator; JD 6 Knife Anhydrous Applicator; 2-JD 400 Rotary Hoes; Rhino RH5 5' Whirlcut Mower (like new): 3 pt 1 Way Disc: 1942 JD Wheel Driven Manure Spreader; Gehl Belt Driven Silage Blower; 7 Row Dempster Planter (custom); 200 gal. 3 pt Saddle Tank; 500 gal Field Sprayer; Flail Chopper; Meadowland Boxwagon-Eaton Ironworks KC MO; 35' 6" Grain Auger (220 V); 20' 6" Grain Au-

Auction Conducted for the HAY JUDY ESTATE

NOTE: This is a 3 Generation auction, where everything goes from wall to wall! Most of the Vehicles and Tractors were in running condition back in 2012 and then parked inside but not used since, so there will be no guarantees or warranty implied. Barns and Buildings are still full so there will be many more items retrieved that are not listed. Complete building wall to wall contents will also be offered, so come prepared to do a complete cleanout with many "barn find" possibilities!!!!! Loading will be available sale day.



Cleaner-Perfection Grade on Model T Truck Frame: 1 Row Corn Head: 15 Hesston Head Hunters: 3 pt Platform Carrier; Countyline Quik Hitch; Steel Wheels and Rims; 3-Pickup Bed Trailers; Pickup Bed Trailer w/Topper; Pickup Bed Utility Boxes on Steel Wheel Trailer; Various Truck Beds and Axles 2-16' Hay Trailers; Portable Grain Bin/Generator Combo: Elex and Spike Tooth Harrow Sections: 6' 3 pt Blade; 3 pt Steel Beam Gin Pole (4'); 3 pt V-Plow: 20' Skeleton Bale Elevator; Drag Springtooth; 12 Disc; Case 70 5 Bt Plow; 2-New Idea Side Delivery Rakes; 6' 3pt Spring Tooth; Drag Gang Disc; Pack ers; Horse Drawn Equipment; Steel Yard Art; Tons and Tons of Scrap Iron; Large Prepared Steel Scrap Pile: plus much more. FARM & RANCH SUPPLIES: 8'x16' Storage

Barn; 2-Small Round Grain Bins; Tulsa Dozer Winch (heavy duty); Kawasaki KLT 3 Wheeler 5-Air/Propane Tanks; Lane Drag; Various Fuel Tanks; 3 pt Screw Shaft Log Splitter; Buzz Saw Cement Mixer; Chisel Points; Sweeps; Drill Parts; Disc Blades; JD Planter Boxes; Large Selection of Auto and Equipment Parts; Lots of Equipment and Tractor Tires; Metal Shelving; Paddle Boat; 150 small square bales of Bean Straw?; Steel I-Beams Misc. Lumber; Barrel Pumps; Reece Hitch Carrier 20' Bridge Planks (like new); Steel A Frame; Fencing Supplies; many more items not listed.

SHOP TOOLS: Aurora Tool Works Drill Press (heavy duty commercial); Delta Milwaukee 10" Table Saw/6" Jointer Combo; Large 3 Phase Air Compressor: Wilton Vise: Lincoln LincWelder/Cutting Torch Combo; Ryobi 12" Metal Cutoff Saw Metal and Wooden Bolt Bins; Air Hose Reels; Werner Ladders; 42" Shop Fan; Steel Work Bench Craftsman Shop Vac; Post Vise; Steel Sawhors es; Electric Cords; Air Hoses; Hyd Hoses; Steel Job Box; Craftsman Tool Chests; Misc. Tool Box es: Floor Jacks: Organizers: Open and Boxend Wrenches; Crescent Wrenches; Vise Grips; Hammers; Bars; Large Selection of Hand Tools; Post Drill Press; Metal Cutting Band Saw; Welding Table; Tire Changing Machine and Tools; Barrels and Containers of Oils and Grease; Various Power Tools; plus hundreds of items not listed.

COLLECTIBLES: Tricycle Garden Tractor w/Cultivator; IH Deep Freeze; Model T Axles; Water Pump w/David Bradley Engine, Metal and Porcelain Signs; Implement Seats; Wooden Pullies; Wash Tubs; Wooden Crates and Boxes; Ammo Boxes; Steel Wheels; Farm Primitives, Horse Related Items and more.

LOCATION: Huls Body Shop & Towing, 824 South 11th St, BEATRICE, NEBRASKA

SKID STEER LOADER & ATTACHMENTS

2012 Case SR150 skid steer loader, showing 4075 hrs, S/N: NCM451069, H-pattern, OROPS (Cab Interior - Rough), AUX hydraulics, excellent rubber, machine runs & drives as it should & manual attachment; JCT (New) hydraulic post hole auger w/12" auger; JCT (New) 18" auger; Wolverine 6'5" (New) rock bucket; Pallet forks; 5'6" & 6 dirt buckets

DUMP TRAILER, **CARGO TRAILER & OTHERS** *2022 (New) FT7014R Farm Dump Trailer, VIN: 3S9BDT-144NA118050, tandem axle w/8-bolt wheels, 235/80R/16 rubber, 7'Wx14'L, electronic controlled Dbl action hydraulic power unit hoist, rollover tarp & 7,000# axles; *2021 R&M tandem axle V-nose 7'x16' enclosed trailer, 3,500# axles, folding rear ramp door & side access door, ST205/75R15 access door, ST205/75R15 rubber w/5-bolt wheels (Great Appearance but sells w/some damage to V-Nose); 2-wheel ball hitch 6'x10' metal floor trailer, 26' wooden sides, rear metal ramp & 7x14.5 rubber: tandem axle ball hitch wooden deck 8'4'x16' trail-

er w/ST175x80R/13 rubber. **5TH WHEEL TRAVEL TRAILER** *2008 Jayco Eagle 291RLTS Travel Trailer, VIN: 1UJCL-02R581LT0258, 34' long, 02R581LT0258, 3-slides, canopy, front queen bed, large kitchen/living w/hidea-bed (Used as on-site office in average condition).

Titles will be issued per Court Order of Decree. POLARIS ATV 4-WHEELER,

SPRAYER Polaris Sportsman XP 850 EFI, 1,538 miles, electric winch, electronic PS, some cosmetic damage; Fimco ATV 25-gal spot sprayer w/Hi-Flow pump (Near New).

ABSOLUTE AUCTION - GAGE COUNTY SHERIFF Beatrice, Nebraska

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SHOTGUN, MOWER, WELDER, GENERATOR, ETC JTS tactical home defense 12ga

shotgun, S/N: MK2004313, 3-magazines; Toro Z5035 ze-ro-turn 24HP, 52" cut riding lawn mower; Hobart Handler 100 115V gasless wire welder (New); Lincoln 225-SR welder; Generac GP 6500 Power Rush 6500W generator, 389cc, 119 hours, 20Amp breaker; Predator gas powered 212cc transfer pump; Drummond ¼HP submersible utility pump (NIB); Predator 179cc gas engine compactor; Simpson 3200 PSI pressure washer; Porter Cable 150 PSI 6-gal air compressor; Countyline 1/2 HP non-submersible water pump (Like New); Husqvarna

128CD das string frimmer **POWER & HAND TOOLS**

DeWalt: 20V Max - 1/2" hammer drill, rt angle grinder, brushless drill, flashlight, band saw, 5" rip saw, job site speaker, 1/2" drill, demo saw, sawzall & 6 1/2" circular saw, pole chain saw, XR jig saw, Other DeWalt Items: 60V brushless weed trimmer, flex volt 6AH battery, 2AH battery, quick grips, 2.5 lb. mini sledge, 00' steel tape, SAE Allen wrenches, XR palm sander, transit tripod, **Other Tools:** Porter Cable air nailer & elec ½" HD drill; Tool Shop elec drill; Grip Right 1 ½" roofing nailer; Roto Zip elec saw; Bosch hand router; 35-5 con-crete vibrator; (2) SEM concrete vibrator w/stinger; Skill 14" chop saw; Ryobi 10" miter saw & OTH-ER NICE TOOLS

MISCELLANEOUS

DeWalt: (2) Tough System deep tool trays, (3) 20-bin deep tool trays, (5) Tough System 2.0 tool chest & cart, (5) 10 or 20 bin assortment cases, 2 in 1 tool box, 2-wheel Tough Chest mobile storage chest & chalk string line, Other Items: Stanley Fat Max tool box; Bostitch slam stapler; trowels; 15#, 50# & 250# pro-pane bottles & (3) Mr. Heater weed burners (New); lynch pin assortment; Pittsburg 18" pipe wrench; Traveler hitches, receivers & couplers; pry bars; Cobalt 8 Pc screw driver set; locking pliers; snips, pliers & cutters; Eator 125V metric socket set; 15' copper wire; bolt cutters Pittsburg 3-ton hyd. floor jack; 30 110/220V conversion ext cord; plastic saw horses; roll of snow fence; Louisville 6' fiberglass step ladder; elec work lights; 2-wheel freight cart; levels; Craftsman LED work light; (2) Haul Master cargo lock bars; (5) HD storage totes; tape measures; concrete steel form stakes; (4) cases Summit Manner 12' 1" cactus color vinyl siding; MANY LONG HANDLE ITEMS: JD hole cleaners, post driver, pole saw, hoes, rakes, fiberglass shovels & picks, spades, axe, sledge, push booms & SO MANY MORE ITEMS. **HOUSEHOLD & OFFICE** SUPPLIES

HISENSE 50" flat screen TV; (2) TCL 32" flat screen TVs; Brother genuine ink & toner printer Insignia DVD player; Kodak 50 series printer; Samsung Blue Ray player; XSON Work Force Pro printer; Igloo dorm size refrigerator; Alexa Smart speaker; Bo Flex adj. dumb bells; Scotch laminator; Cricut Maker 3 & accessories; Vitapur water cooler dispenser; new professional series pizza oven; misc. kitchen utensils; misc. 3-ring binders, office supplies & clear box organizers; Muddy Game camera; new cutting boards; new Ariat size 12 cowboy boots & other shoes; new commercial new mop bucket & hand wringer new Spark motorcycle helmet; (NIB) mesh back office chair camping chairs; (NIB) Char Grill model 50/50 gas & charcoal grill; numerous new T-shirts, jeans & many more items.

Brown awarded Kansas FSA Lifetime Achievement Award Kansas Farm Service the top of her head, Gwen markets or Mother Nature,

Agency is proud to announce Gwen Brown as a recipient of the Farm Service Agency Lifetime Achievement Award. This national level award recognizes individuals who have more than 30 years of service in FSA and have demonstrated and contributed to the improvement of the quality and service of FSA.

Gwen Brown is the epitome of the dedicated and diligent FSA county employee. She started her career with the agency in Reno County, Kansas January 1987. Throughout the last thirty-six years, Gwen has been critical to the daily operations in the office. She is a staple in the lives of the farmers and ranchers of Reno County. She has been there from the first day many producers became a part of the agriculture community. She's been there when they introduced their children to the world, and now she's helping their grandchildren.

She is the genealogy tree of Reno County. Off helpful, unphased by the

can tell you with just a producer's name, who they are married to, and their children's name, spouse, and grandchildren. Her institutional knowledge of how a program started, what it has grown into and how even the technology of the agency has changed is irreplaceable. For her office she is the lead program technician for all reconstitutions and farm changes. So not only does she know our clients on a personal level, but she has watched the agricultural community in Reno County ebb and flow from family to family. She has made every change along the way.

Gwen has outlasted seven administrations, six farm bills, and multiple life-changing events; the birth of her children, the Challenger exploding, the Oklahoma City bombing and September 11th. Through every life-changing, world-tilting event, she remained a constant in her part of the world. Never wavering, always

she was always there for the farmers and ranchers of Reno County. When her own world was shifting under her feet, threatening her health and existence, coming back to work was a focus of her rehabilitation. Even now, she puts the producer first. The day she decides to leave us is a day that a legend will leave, and many will shed a tear because of the friendships she has built. the community she has aided, and the impression she has left on so many hearts and lives.

Without her dedicating her life to this agency and our producers her county office would not be what it is today. She has set the standard of excellence for all of us who have come after her. She guides us through the daily struggles of handbook clarification. She is the person to provide guidance when we don't know where to go in a unique or unknown situation because she has seen it and dealt with it before.

Grass & Grain Area Auctions and Sales

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

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

Always great online Equipment auctions - www. purplewave.com

Accepting Consignments for End of Year Online Only Auctions. www.mid westauctionpros.com. Auctioneers: Midwest Auction Pros.

2-Day Online Auction (bidding open NOW for Both Days; day #1 begins closing Dec. 6, 2 PM; day #2 begins closing Dec. 7, 2 pm)-675+Lots including Outdoor decor, antiques, coins, furniture, guns & ammo, knives, glassware & pottery, fishing & more held at www.GriffinReal EstateAuction.com. Auctioneers: Griffin Real Estate & Auction.

Unreserved Live & Online Land Auction (bid ONLINE Nov. 22-Dec. 6, 2022) - 326.84 Acres m/l of McPherson County Farmland selling in 3 Tracts. T1: 219.74 ac. m/l irrigated prime cropland, 220 ac. water right; T2: 68.77 ac. m/l with 67.01 ac. m/l prime cropland; T3: 38.33 ac. m/l prime cropland. Live Auction held at Inman for Seller: Greg Postier & Lori Elwonger. Held online at www.bigiron.com/realty. Auctioneers: Big Iron Realty, Mike Campbell, listing agent.

Online Only Auction (bidding ends Dec. 8, 6 PM) — 7 Greenhouses - 10 +/-Acres; property set up to grow hemp, plants or vegetables (property located at Overbrook). Register & bid: BidHeritage.HiBid. com. Auctioneers: Heck Land Company, United Country Real Estate Heritage Brokers & Auctioneers.

line Land Auction: Lot 1 is 73 acres m/l with 54 ac. m/l tillable selling for Joan A. Lundgren. Lot 2 is 102 acres m/l with 80 ac. m/l tillable selling for Jane M. Debaun Declaration of Trust. Held live at Osage City with online bidding at www.superior landgroup.com. Auctioneers: Superior Real Estate & Land Group.

December 6 — Estate Farm Equipment auction consisting of Tractors (2013 JD 8360R, 2005 JD 8320, 2009 JD 4830), Trucks inc. semis, fuel truck & others, trailers, farm equipment & other farm items held Live north of Marienthal with internet bidding at Equipmentfacts. com for Landon Koehn Estate. Auctioneers: Berning Auction, Inc.

December 6 - Real Estate Auction consisting of Mitchell County land including 145.34 farmland acres with 81.53 crop acres held at Randall for Debbie Galaway, Mike Plowman, Kathy McMahan. Marcia Koch. Auctioneers: Thummel Real Estate & Auction, LLC.

December 10 - 2000 Ford LGT F-150 pickup, tool chest, nice power tools, shop tools, shop items, collectibles & much more held at Beatrice. Nebraska for Allen "AJ" Jensen Estate. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

December 10 — Versatile, Oliver, Case, Farmall tractors, grain trucks (40s & 50s stub nose), cars, pickups, school bus, camper, Krause & JD tillage equipment, New Holland hay equipment, Gleaner combines, horse related items, lots of shop tools, farm primitives & collectibles held at Hutchinson for Hav Judy Estate. Auctioneers: Morris Yoder Auctions.

December 10 (RESCHED-ULED from Nov. 5 due to weather) - Farm Auction including JD 4400 combine, 2011 Red Rhino gooseneck flatbed trailer & more farm equipment, collectibles & misc. including Vintage JD 3 sp. Men's Touring bicycle, vintage toys, Hot Wheels, JD collectors, household decor & much more held at rural Linwood for Dave & Julie Downes. Auctioneers: Elston Auction. December 10 — Shawnee County Land auction consisting of 184 acres m/l

of Soldier Creek bottom farmland offered in 4 tracts (land located east of Silver Lake) held at Silver Lake for Roeder Implement Company, Inc. Auctioneers: Cline Realty & Auction, LLC.

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- December 12 Real Estate Auction consisting of Smith County land: T1: 154.43 ac. farmland with 89.01 crop acres, 65.40 acres pasture; T2: 157.70 farmland acres, 69.90 crop acres, 87.80 pasture held at Smith Center for Higby Farms. Auctioneers: Thummel Real Estate & Auction, LLC.
- December 17 M9000 Kubota Tractor with loader & bucket, 1995 Dodge pickup, VX4 60" Hustler mower, 24" gooseneck trailer & other trailers, attachments, implements, outdoor & hunting items inc. 2019 Honda 4-wheeler, UTV attachments, tools, building supplies, Case 30 pedal tractor & more held at Manhattan. Auctioneers: Crossroads Real Estate & Auction, LLC.

December 17 — Skid steer loader, attachments, 2022 (New) Farm Dump Trailer, cargo trailers & others, 2008 Javco Eagle 5th wheel travel trailer, Polaris ATV 4-wheeler, sprayer, shotgun, mower, welder, generator, etc., power & hand tools including DeWalt, many long handle items, household, office supplies & more held at Beatrice, Nebraska for Absolute auction of Gage County Sheriff. Auctioneers: Jurgens, Henrichs, Hardin & Sommerhalder.

- December 17 Real Estate consisting of 55 acres retired CRP Native Grass to be sold in 2 equal size tracts with 27.5 ac. m/l each; possible homesite/ mini farm held at St. Marys for Doyle & Laura Pearl. Auctioneers: Pearl Real Estate & Appraisal Service.
- January 14, 2023 Real Estate auction consisting of 154.5 acres m/l of Marshall County Farmland of which 142.15 ac.

American Angus Association internship applications open

In a world full of opportunity, internship experiences allow students the best trial-run. The American Angus Association is excited to announce four internship positions for the summer of 2023. These ten-week internship programs provide a unique, hands-on experience to allow students to grow and prosper while dipping their toes in the workforce.

This internship is one of the most unique opportunities in the cattle industry for young professionals," said Ian Kane, 2022 intern. "The Association staff is welcoming, helpful and are great teachers, plus you get to travel and meet with Angus breeders — I just can't say enough

about this experience." Internships allow stu-

dents to gain industry-relevant experience and refine their skills, but the value of networking and working alongside the team at the Association will prove valuable for a lifetime. The summer 2023 internship experience will be filled with Angus cattle, tasty beef and a staff eager

ing-intensive opportunity offers the chance to join a multimedia effort, which includes the Angus Journal® print publication and the AJ Daily electronic newsletter, as well as the Angus Journal's website and social media presence. The internship can be tailored to the intern's strengths, but many duties can be anticipated, including traveling to industry events. Experience in news and feature writing, editing and photography are strongly suggested.

Communications: From print stories to video photography, scripts. graphic design and more, the communications intern will truly gain valuable agricultural communications experience. Applicants should have strong writing and design skills and have completed coursework in news and feature writing, editing and design. Experience in photography, video and social media is preferred.

Events and Junior Activities: The intern will assist in planning and executing youth events hostand events. Applicants should be self-starters, detail-oriented and outgoing with the ability to work well with others. Livestock and event planning experience is preferred, but not required. Travel to the 2023 National Junior Angus Show (NJAS), Leaders Engaged in Angus Development (LEAD) Conference and other events is expected.

Angus Genetics Inc. (AGI): Students pursuing their master's degree or Ph.D. in animal breeding and genetics are encouraged to apply for the AGI summer internship. The intern will have the opportunity to work with one of the world's largest beef genomic databases. The internship will focus on research that involves data analysis, therefore candidates should have experience in analyzing animal breeding data sets and genomic data.

For more information and a full description of each internship opportunity, visit angus org/careers. Students who wish to apply should upload their resume, cover letter and

references to by January

to share knowledge and wisdom.

The four internships being offered are:

ed by the National Junior Angus Association (NJAA), including preparations,

10.2023. correspondence and coor-Angus Media: This writ- dination for junior shows Here's what you need to know about mycotoxins and swine diets in 2022

By Joel DeRouchey, Mike Tokach, Jason Woodworth, Bob **Goodband and Jordan** Gebhardt

The 2022 grain growing season in many areas of the U.S. provided weather stress that may have allowed for mycotoxins to be present in harvestgrains. Mycotoxins ed are toxic compounds produced by mold growth in feed ingredients. Although not all molds produce toxins, the most significant mycotoxins affecting swine are aflatoxin, vomitoxin, zearalenone, fumonisin and ochratoxin.

The only clear way to know if any mycotoxins are present is to sample and test ingredients such as corn, distiller's dried grains with solubles (DDGS), and bakery meal, or your complete feed if you do not have the ability to evaluate individual ingredients. While grain terminals and ethanol facilities generally do quick test screening, it may not tell the full story of levels present in feed delivered to your farm.

Detection and Sampling

Mycotoxins are not evenly distributed in grains or feeds. Rath-

er, mycotoxins are often Administration does not found at high concentrations in 'hot spots,' but at the same time may not be found at detectable amounts in other locations. Because of this, the ideal sample should be representative of all the grain or feed. Importantly, the presence or absence of visible mold growth is not a reliable indicator of mycotoxin contamination and should not be used as a sampling criterion.

Management of Mycotoxins

If mycotoxin contamination of grains or feeds is detected, some strategies for mitigation of mycotoxins in swine diets are available. Importantly, strategic feeding should be adopted in any instance of mycotoxin contamination by preferentially feeding finishing pigs instead of nursery pigs and sows, which are typically more susceptible to mycotoxins.

At high mycotoxin concentrations, grains can be blended with clean grains to reduce mycotoxin concentration. However, this strategy may be a challenge when mycotoxin occurrence is widespread in that area. Furthermore, the Food and Drug permit aflatoxin-contaminated grains to be blended for commercialization. One important mitigation practice is grain can be screened and cleaned to remove broken kernels and reduce mycotoxin contamination. Misshapen and broken kernels are associated with higher mycotoxin concentrations.

In-Feed Mitigation Additives

The inclusion of mold inhibitors and mycotoxin binders in the feed can be used as a detoxification strategy. Mold inhibitors are used to control mold contamination and prevent mold growth, whereas mycotoxin binders or adsorbents are substances that bind to mycotoxins and prevent absorption through the gut. Mycotoxin binders are not effective against all mycotoxins and must be rather targeted to a specific mycotoxin. Always consult your nutritionist or feed supplier to assure you are targeting the correct mycotoxin with any additive used.

More information about mycotoxins in swine diets can be found in Kansas State University's swine nutrition guide.

Max Alber Online Only (Bidding opens 8 am, Dec. 1 & soft closes 8 pm. Dec. 7) — Shop equipment, tools & personal property. Go to hollingerauction.hibid.com/auctions/ cur rent to bid. Auctioneers: Hollinger Online Auction.

December 5 — Live & On-

are terraced crop acres. balance waterways and wooded areas for wildlife habitat held at Frankfort for Paul Seiwald Trust. Auctioneers: Cline Realty & Auction, LLC.

April 8, 2023 — Fink Beef Genetics 37th Annual Sale held at Randolph.

REAL ESTATE AUCTION Rural St. Marys, KS SATURDAY, DECEMBER 17, 2022 - 10:00 AM St. Marys Senior Center, 403 W. Lasley St., ST. MARYS, KANSAS 55 Acres: Retired CRP Native Grass to be sold in 2 equal size tracts with 27.5 acres m/l each. Located on B Road, Delia in Southwest Jackson County: Each tract has just under 660 Ft. frontage on B Road & 1,822 Ft deep. Only 6 miles northeast of St. Marys, these home site/mini farms have great potential for your new home with rural water available. Established native grass that could be your small pasture to raise your own livestock o convert to a small farming operation. *Don't miss out on this rare opportunity to own your own mini farm* Please go to website address below for other information: SELLER: DOYLE & LAURA PEARL For more information go to: **www.pearlrealestate.org Pearl** Real Estate & Appraisal Service, Inc. Mike Pearl, Broker: 785-256-5174

REAL ESTATE AUCTION MONDAY, DECEMBER 12, 2022 - 2:00 PM

Auction will be held at the Western Plains Heritage Center, 501 W. 3rd in SMITH CENTER, KS TRACT I: NE 1/4 13-2-13 Smith Co.

The farm is located 3 miles East and 7 miles North of Smith Center, KS on S & 90 roads. There are 154.43 farmland acres, with 89.01 crop acres, 65.40 pasture. There is a older 21/2 story home, barn, 40'x30' building, 50'x96' building. The home is in need or repair. The seller will do no repairs on the home or any other buildings. All inspections made by the purchaser must be done before December 12, 2022. The bases are wheat 36.47 with 35 bu yield; corn 9.39 acres with 112 bu yield; grain sorghum 8.85 acres with 67 bu yield; soybeans 18.24 acres with 28 bu. yield; for a total base acres of 72.95. Taxes: 2022 taxes will be paid by seller, 2023 taxes will be paid by purchaser. 2021 taxes were:\$2,589.98.

TRACT II: NE 1/4 18-2-12 Smith Co.

The farm is located 3 miles East and 7 miles North of Smith Center (1/2 mile East of Tract I) on 90 and T roads. There are 157.70 farmland

acres, with 69.90 crop acres, 87.80 pasture. The bases are wheat 29.77 acres with 35 bu yield; corn 7.51 acres with 112 bu yield; grain sorghum 7.08 acres with 67 bu yield; beans 14.59 acres with 14.59 bu yield; for a total base acres of 58.35. Taxes: 2022 taxes will be paid by seller, 2023 taxes will be paid by purchaser. 2021 taxes were: \$1,561.18.

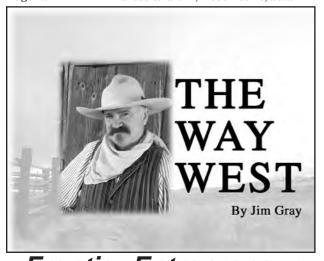
Dennis Rezac. Auctioneer: 785-456-4187

Possession: Possession will be March 1, 2023.

Terms: 10% of purchase price as down payment day of auction, the balance will be paid upon closing on or before February 28, 2023.

Down payment will be escrowed with Collier Abstract. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser. Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

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



Grass & Grain, December 6, 2022

Frontier Entrepreneur

At Caldwell, Kansas, on the southern border of Kansas, "Curly" Marshall is still remembered for establishing the First Chance/Last Chance saloon in 1869. The notorious dive was located just west of the Chisholm Trail on Bluff Creek. Located just above the state line with Indian Territory, travelers were able to get their first swig of whiskey. Below the state line the federal government ordered Indian Territory "dry." Alternately, anyone entering into "The Territory" from Kansas found the log saloon to be the last chance to down a shot of alcohol. The Last Chance was popular with Texas drovers and a notorious hangout for desperadoes. John E. "Curly"

Marshall was a suspected compatriot of the horse thief set, but a direct connection was never proven.

Marshall's early record is not well known. George D. Freeman, in his book Midnight and Noonday, said that he was a government scout during the Civil War. We do know that he was in the 2nd Maryland Cavalry, Confederate State of America. Some accounts say that he had been a railroad engineer in an eastern state before coming to Kansas. The December 5, 1872, Ellsworth *Reporter* recalled that he had killed at least one man in Ellsworth's wild end-oftrack days of 1867-68. Did he work for the railroad, or could he possibly have been one of the hundreds of unnamed men who helped build the railroad across the plains?

Some accounts said that he was a scout during the Indian campaigns. It's possible that he served in some capacity with the 19th Kansas Volunteer Cavalry when they supported General Sheridan's "Winter Campaign" into Indian Territory over the winter of 1868-69. The 19th Kansas composed the eastern prong of the campaign, traveling down the Chisholm Trail before turning west across uncharted territory to rendezvous with U.S. troops on the Cheyenne-Arapaho reservation in present-day western Oklahoma.

The connection with the 19th Kansas seems probable as he was the first to recognize the advantages of a border saloon along the Chisholm Trail when the winter campaign came to an end. One account says that he "came down" to Wichita from Hays City and Ellsworth with "the Walker boys." "They were reported as bad men and killers, and all had a record and a private graveyard." Ike Walker notoriously operated a hotel and stable in Delano, the "anything goes" town across the Arkansas River sometimes called West Wichita.

Besides carrying the same nickname, the other Walker, "Curly Walker" was cut from the same cloth as Curly Marshall. Walker was known as a desperate man who "placed no higher value upon the life of a fellow being than that of a fly."

Marshall and Walker surrounded themselves with recognized desperate characters. It seemed their main goal in life was to get drunk, get in a row, and shoot the lights out of something. Shooting was a favorite pastime. At the Buckhorn Tavern and Hotel, founded and operated by Mr. and Mrs. Henry Vigus in 1869, boarders included cattlemen, merchants, gamblers and a few of Marshall's friends. At dinner the boys especially enjoyed throwing dishes in the air and shooting at them with blazing six-shooters, all while never leaving their place at the table.

Marshall may have been a tough hombre, but his entrepreneurial spirit set him apart from his devil-may-care pals. George Freeman described the Last Chance, Marshall's most famous enterprise. "The ranch consisted of a double log house in which were kept whiskies, provisions and feed for horses..."

Marshall hired a manager to operate the Last Chance, splitting his time between the isolated saloon and Wichita. Not content to operate a single enterprise on the border, Marshall opened a dance hall in Wichita; some say it was across the river in Delano. Times were never dull. He once had to quell a disturbance with his pistols when Texans "full of bug juice" started shooting out the lights. With "pistols out" and covering the hearts of two of their leaders the Texans wilted and were driven out by Marshall, the determined "dance-house keeper."

The rougher element was thoroughly involved in the administration of early Wichita. In July, 1870, Marshall's compadre Isaac Walker was appointed city marshal. Later in the year Marshall was persuaded to fill Walker's position and served as Wichita's city marshal into 1871.

When Deputy U.S. Marshal Jack Bridges entered Wichita on February 28, 1871, supported by twenty-five soldiers from Fort Harker, he was looking for one of Curly Marshall's friends, Jack Ledford. Ledford was a known horse thief, one of Wichita's finest citizens. Even though Curly was Wichita's city marshal, he didn't help the invading officers but had two horses saddled in an attempt to get Ledford out of town. He was too late. The officers discovered Ledford in his hiding place and shot him down as he attempted an escape.

Back on the southern border the Last Chance was making money. Marshall made plans to expand the favorite resort of the desperado and horse thief. If a dance hall made money at Wichita, there was plenty of money to be made entertaining lonely border men. All the enterprising frontier entrepreneur needed was a proper dance hall next to the Last Chance, but folks in Caldwell were growing uneasy with Curly Marshall. Trouble was stirring on The Way West. (Next Time – AShort and Dangerous Life)

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



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

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

TOTAL FOR THE WEEK: CATTLE 4026. HOGS 67. 452@191.00 BULLS: \$104.50-\$113.50 3 blk Culver COWS: \$70.00-\$79.00 445@191.00 2 blk Carlton 541@189.00 STEERS 11 blk Canton 300-400 \$230.00 - \$240.00 550@189.00 13 mix Marion 519@188.00 400-500 \$220.00 - \$230.00 18 blk Wilson 500-600 \$210.00 - \$222.00 8 mix Delphos 521@188.00 600-700 \$187.00 - \$199.50 Topeka 508@187.00 2 mix \$176.00 - \$186.50 Inman 520@187.00 700-800 12 blk 800-900 \$174.00 - \$188.60 6 char Davis, OK 525@187.00 900-1,000 \$170.00 - \$180.00 521@186.00 18 char Lindsborg **HEIFERS** 10 mix Wellington 626@175.00 300-400 \$200.00 - \$214.00 7 mix Carlton 616@175.00 400-500 Lindsborg \$196.00 - \$208.00 3 char 615@174.00 659@173.00 \$182.00 - \$193.00 500-600 30 mix Canton 600-700 660@173.00 \$165.00 - \$175.00 11 blk Marion 710@172.00 700-800 \$160.00 - \$172.00 Newton 32 blk 800-900 \$160.00 - \$170.00 16 blk 638@171.50 Assaria 637@171.00 900-1,000 \$145.00 - \$153.50 13 mix Lincoln 636@171.00 13 blk Bennington THURSDAY, DECEMBER 1, 2022 677@171.00 6 blk Moundridge STEERS 20 blk Canton 747@171.00 5 mix Lincoln 365@240.00 65 mix Assaria 796@170.75 739@170.75 12 blk Kingman 382@232.00 48 mix Whitewater 848@170.00 2 blk Carlton 473@230.00 61 mix Hillsboro 13 blk Kingman 469@230.00 Abilene 713@170.00 2 char 831@168.50 Hillsboro 480@228.00 21 mix 5 blk Canton

Livestock Commission Co., Inc. Salina, KANSAS SALE BARN PHONE: 785-825-0211 MONDAY — CATTLE • HOG SALE 2nd & 4th MONDAY Hogs sell at 11:00 a.m. on the 2nd & 4th Monday of the month. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

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

AUCTIONEERS: KYLE ELWOOD, BRANDON HAMEL & GARREN WALROD

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

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

EARLY CONSIGNMENTS FOR THURSDAY, DECEMBER 8:

70 steers & heifers, 500-600, weaned 30 days, home raised, spring vaccinations; 50 black steers & heifers, 650-800, home raised, weaned October 1; 240 black/ red steers, 850-900 Green, South Dakota origin; 52 black heifers, 600-625, long time weaned, off wheat; 54 black heifers, 700-725, long time weaned, open; 30 red heifers, 500-600, home raised, weaned October; 75 black steers & heifers 600-850, home raised, long time weaned, 2 round vaccinations, open; 58 black/ CharX steers, 875-925, no sort; 70 steers & heifers, 500-650, home raised, weaned October 1, vaccinated; 28 mix steers & heifers, 350-750, 60 days weaned, fall vaccinations, open, hot wire broke; 27 blk strs 650-700 long weaned, hay fed; 35 blk s&h 500-700 30 days weaned; 18 blk/bwf s&h 550-700 45 days weaned; 100 s&h 600-800

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5 blk	Hillsboro	480@228.00	21 mix	Canton	831@168.50	
18 blk	Inman	472@228.00	7 mix	Wellington	713@168.00	
3 blk	Wakefield	475@227.00	4 blk	Hillsboro	704@167.00	
35 blk	Welch, OK	456@227.00	11 mix	Canton	790@167.00	
1 blk	Falun	475@225.00	4 char	Abilene	781@167.00	
3 mix	Lincoln	487@225.00	14 blk	Randolph	761@166.00	
6 blk	Kingman	352@225.00	6 mix	Claflin	837@166.00	
5 bwf	Clay Center	494@224.00	18 blk	Tampa	867@164.00	
3 blk	McPherson	437@224.00	6 red	Hunter	917@153.50	
4 mix	Abilene	514@222.00	2 bwf	McPherson	1023@140.00	
15 blk	Ellsworth	521@221.00	12 mix	Hunter	982@139.50	
11 blk	Brookville	527@218.00	30 mix	Miltonvale	1037@136.50	
9 blk	Carlton	552@215.00				
30 blk	Welch, OK	531@213.00	MONDAY, NOVEMBER 28, 2022			
17 blk	Kingman	563@212.00	HOGS			
8 blk	Manhattan	574@211.50	2 fats	Glasco	301@82.00	
24 blk	Kingman	574@209.00	3 fats	Glasco	257@72.00	
13 mix	Glasco	612@199.50	9 fats	Tescott	284@64.00	
17 char	Davis, OK	654@195.00	2 fats	Tescott	258@63.00	
9 blk	Lindsborg	622@194.00	5 fats	Esbon	288@59.50	
27 blk	Kingman	666@194.00	5 sows	Newton	600@42.00	
4 blk	Glasco	603@193.50	1 sow	Newton	530@40.00	
6 blk	McPherson	613@193.00	CALVES			
11 blk	Carlton	632@193.00	1 blk	Wilsey	, 105@310.00	
27 mix	Manhattan	643@192.00	1 red	Salina	110@300.00	
142 blk	Lincoln	835@188.60	1 blk	Lincoln	95@285.00	
9 mix	Wellington	708@186.50	1 blk	Salina	120@250.00	
14 blk	Assaria	705@186.50	1 blk	Abilene	70@200.00	
18 blk	Halstead	709@185.00	I DIK	BULLS	10@200.00	
11 blk	Marion	730@185.00	1 blk	Newton	2210@113.50	
18 blk	Marion	835@182.50	1 blk	Bushton	2345@107.50	
58 mix	Abilene	807@181.00	1 blk	Longford	2035@107.50	
60 mix	Hope	909@180.00	1 blk	Durham	2300@104.50	
	Benton	909@180.00 932@179.10	1 blk	Salina	2035@104.50	
60 mix		932@179.10 930@179.00	1 blk	Longford	2035@104.50	
55 blk	Hope			Manhattan		
22 blk	Manchester	962@175.00	1 red	Durham	2430@102.50	
			1 blk 1 blk	Hillsboro	2035@102.00	
0.64	HEIFERS	000@044.00			1850@101.00	
9 blk	Geneseo	338@214.00	1 blk	McPherson	1925@100.00	
16 blk	Sedgwick	344@213.00	1 char	Chapman	2135@100.00	
9 blk	Kingman	352@209.00	4.1.11.	COWS	4475 @ 70.00	
11 blk	Sedgwick	401@208.00	1 blk	Minneapolis	1475@79.00	
2 blk	Abilene	340@203.50	1 blk	Canton	1580@77.00	
8 blk	Sedgwick	251@202.00	1 red	Tampa	1545@76.50	
4 blk	Delphos	353@200.00	1 blk	Marquette	1600@76.00	
9 blk	Kingman	425@199.00	1 bwf	Abilene	1620@75.50	
3 blk	McPherson	392@198.00	2 blk	Hillsboro	1693@75.50	
14 blk	Geneseo	444@196.00	1 blk	Brookville	1810@75.50	
3 blk	Hillsboro	428@195.00	6 blk	Carlton	1595@75.50	
5 mix	Lincoln	411@193.00	1 red	Durham	1510@74.50	
22 blk	Kingman	520@193.00	1 blk	Minneapolis	1470@73.00	
3 blk	Aurora	457@192.00				

nome raised, 45 days weaned, fall vacc. *PLUS MORE BY SALE TIME*

EARLY CONSIGNMENTS FOR SPECIAL COW SALE, **TUESDAY, DECEMBER 20, 2022 * 11 AM**

BULLS: 3 purebred Hereford, 3 years old, EPDs, semen & trich tested; plus more by sale time. HEIFERS: 50 black/bwf heifers, home raised/ Gray Ranch, M Jones Origin, Newberry Origin, OCHV, pelvic exam, bred Angus True North, calving February 25 for 4 days; 45 black Angus, bred Red Angus bulls, start calving February 15; 20 Angus, bred black, home raised; 34 purebred black, home raised, bred Angus, spring calvers; 100 Angus heifers, home raised or Montana Origin, Al bred Barrett Angus, February calvers; 30 Angus, AI bred, ABS breeding; 60 Angus, home raised, calving January 15 for 60 days, bred Hinkel Angus, scour guard, gentle; 20 black & red, home raised, bred McCurry Angus; 50 black, Montana origin, bred Angus, calving January 25 for 55 days; 100 Angus heifers, SD origin, 45 day calving period starting February 1; plus more by sale time. COWS/COW PAIRS: 36 mostly black, 6-8 years old, bred black, raised big calves; 55 black & Red Angus, spring bred cows, 3-5 years old, bred black/SimAngus, sons of Fully Loaded; 30 black, running age, bred Angus, February calvers; 50 black/ bwf, 3-5 years old, bred char, February calvers; 10 black & red, young cows; 25+25 cow pairs; 30 bred cows, January/February calvers; 40 red & black, 4-6 years old, spring bred; 20+20 black & red young pairs, exposed to black bulls; 40 red & black, running age, spring bred to Shippy Angus Bulls; 100 black cows, coming 2nd calf, bred Angus, start calving February 25 for 45 days; 300+300 black/bwf cows, 80% 3 & 4 years old, 20% 5 years old, fall calvers, Angus calves, running back with S.D. Char bulls; 5+5 5 year old pairs; 45 cows, mostly 4-6 years old, bred to Hereford or Red Angus bulls, spring calvers; 8 cows, 3-6 years old, March to April calvers, bred Red Angus or Char; 20 running age cows; 14 black cows, 3-5 years old, bred Sim/Angus; 42 black pairs, 3-6 years old; 45 black cows, 3-4 years old, bred Dix Angus, calving February 10; 40 black & red cows, 3-7 years old, bred red & black Angus, home raised, calving late January; 75 black/bwf, 3-8 years old, bred Angus, calving February 20; 15 black/red cows, 3-5 years old, bred black/red Angus, 4-7 months bred; 25+25 blk/ red Angus pairs; 200+200 black pairs, 4-6 years old, Angus calves; 88 black cows, 3-5 years old, bred Angus, spring calvers; 13 cows, heavy bred; 3+3 young to solid pairs; 30 Red Angus bred cows, 4 years old and older, bred Red Angus; 30 middle age to older bred cows; 30 young spring bred cows. PLUS MORE BY SALE TIME

Last THURSDAY sale will be **December 15th, 2022. **Last sale of the year will be **Tuesday, December 20th.** Hope everyone has a safe and Merry Christmas and Happy New Year.

IN STOCK TODAY:

• Heavy Duty Round Bale Feeders • Heavy Duty Feed Bunks

