

Kansas cattle inventory hits 6.5 million head

According to the county cattle estimates released by National Ag Statistics Service on May 10, the cattle inventory in Kansas climbed to 6.5 million head The number includes all cattle and calves as of January, 2021.

Haskell County saw its 5000 head gain in 2020 erased, but still held on to the top spot with 385,000 head. Scott County added 10.000 and held on to the number two position, and Gray County added 5,000 for third.

Joining Haskell in counties showing losses were Wichita and Seward. both losing 5,000 head.

Butler, Finney, Ford, Grant and Gray counties all had gains of 5,000 head, Scott County added 10,000 and Lane increased by 15,000.

The large increase in Lane County moved them from a tie for 25th place last year to 15th in 2021.

35,500

71,000

49,500

Cheyenne

42,000



Where's the Beef? 2021

52,000

32,500



7,700

Wya

+200



In

900

+0

nportant 60,000/up	



Counties in Kansas

1. Haskell 385,000
2. Scott 310,000
3. Gray 275,000
4. Grant 250,000
5. Finney 245,000
6. Ford 160,000
7. Hamilton 130,000
8. (tie) Butler 125,000
8. (tie) Wichita 125,000
10. Seward, 120,000

14. Reno 86,000 15. Lane 85,000 16. Hodgeman 82,000 17. (tie) Dickinson 81,000

- 17. (tie) Gove 81,000
- 17. (tie) Pawnee 81,000
- 20. Meade 77,000
- 21. Kearny 76,000
- 22. (tie) Marion 74,000
- 22. (tie) Washington 74,000

61,000 +1,000 74,000 +1,000 +500+1.000 +1,000 +500+500+500+500 +400 +500 27.500 Thomas 33.000 +0 Clay 105.000 24,000 39,500 45,500 63,000 30,500 33,500 65,000 27,500 34.000 +500 Jefferson 40,500 +0 +500 +500 +500 +1,000 +2,000 +500+500+1,000 25,000 +500 50,000 incoln 36,500 15,900 Vallace ussel +1,000 5 21,000 40,500 81,000 29,000 33,000 31,000 +40017.200 +500 31.000 49,000 10.300 +50021,500 +500+500 +500+500 +400+500 Osage +500 +300 31,000 34,500 38,500 66,000 +500 Lyon reeley +500 +1,000 58,000 41,500 +1.000 25,000 310,000 85,000 5,000 +10,000 +15,000 23,000 62,000 36,000 39,500 110,000 +1.000+1.000Chase +500 39,000 +1,000 74,000 +500+500+0 63.000 55,000 +500+1.000 37,500 +1.000 40,500 38,500 +1.000Stafford 81.000 +500+500+50082.000 55.000 245.000 40,000 130.000 76,000 86,000 +1,000+1,000 +5,000 dwards 70,000 Allen 31,500 +1.000+2.000+1.00073,000 +1,000 31,000 3.000 125.000 +500275,000 +2,000 +500

50,000

32,500

			210,000	100 000	+2,000	Pratt			+5,000	T1,000	+000	.000	+1,000
Stanton 36,500 +500	Grant 250,000	Haskell 385,000	+5,000	+5,000	Kiowa 27,500	66,000 +1,000	Kingman 40,000	30,000 +500	.0,000	Elk	Wilson 24,000	Neosho 54,000 +1.000	Crawford 45,000
Morton	Stevens	Samuel	Meade	Clark	+500	Barber	+500	Sumner	Cowley	34,000 +500	+500 Montgomery		+1,000
13,100 +300	47,000 +1,000	Seward 120,000 -5,000	77,000 +1,000	50,000 +500	Comanche 47,000 +500	66,000 +1,000	Harper 57,000 +1,000	31,000 +500	54,000 +1,000	Chautauqua 34,000 +500	42,000 +500	88,000 +1,000	Cherokee 31,000 +500

11. Barton, 110,000 12. Sheridan 105,000 24. (tie) Bourbon 73,000 24. (tie) Greenwood 73,000

13. Labette 88,000 Winners & Losers and Specialization maps on page $\hat{6}$.

Rep. Mann and Senators Moran and Marshall introduce legislation pushing back against 30x30 proposal

arshall

42.000

maha

18,900

On May 18 Rep. Tracev Mann and Sen. Jerry Moran joined senators Roger Marshall. M.D. and Kevin Cramer (N.D.) in introducing the 30x30 Termination Act, which blocks the Biden Administration's 30x30 directive to conserve at least 30% of our private lands and waters by 2030. The legislation prevents a number of invasive actions on public and private land in the name of conservation and ensures 30x30 is stopped dead in its tracks.

More than 98 percent of Kansans' private property land in Kansas is privately owned. Mandating the permanent conservation of 30 percent of America's land would require expanding federal control over land and undermining of private property rights. Additionally. President Biden's proposal would add to the large number of acres already under federal control.

"Land ownership is a core right protected by the Constitution and we cannot allow radical environmentalists who are in the driver's seat on 30x30 dictate what happens on our land. This initiative is further proof of the clear disconnect between the left and those who feed, fuel, and clothe the world." said Marshall. "Farmers and ranchers are the original conservationists, and no one knows what's best for the land better than those who work on it day in and day out. The best thing the federal government can do is trust the environmental judgment of farmers and ranchers and let them do what they do best: steward the land."

"I am deeply concerned with President Biden's land grab attempt" said Mann. "It is egregious that the Biden administration would consider a proposal like 30x30 that has the potential to strip away rights to meet an arbitrary climate goal. Additionallv. no consideration was given to current voluntary conservation initiatives that are already under way in Kansas and rural America. Our legislation works to protect Kansas agriculture and prevent progressive overreach.'

"Protecting private property rights from federal government overreach is a top priority of Kansans," said Sen. Moran. "While I have long supported voluntary, locally driven conservation efforts, this legislation would put a stop to the Biden administration's misguided 30x30 plan that threatens to expand federal land ownership and control.

"President Biden's administration is paying the way for another attempted land grab by the federal government," said Cramer. "He should learn from the North Dakotans who understand conservation goals are best set by the local communities impacted by them, not by bureaucrats in Washington. Our bill would nullify the President's ill-conceived plan and protect American taxpayer dollars from being used to carry out this initiative.

Background:

Representative U.S. Lauren Boebert (CO-03) introduced the legislation in the House of Representatives.

Biden's President 30x30 Initiative is a part of a broader plan, titled "America the Beautiful." introduced by the current administration. Removing 30% of all land from production would have devastating consequences on rural communities and our ability to feed, fuel, and clothe the world as farmers and ranchers would are the main target of this initiative. The 30 x 30 Termination Act blocks the executive order and protects private land ownership by:

Nullifying Section 216 of Executive Order 14008 which contains the 30x30 program

Prohibiting federal funds from being spent to carry out the 30x30 program, the report in Section 216, and any substantially similar program.

Ensuring no net loss of non-federal land in counties and states that already contain 15% or more federal land.

Ensuring no net-loss of multiple-use activities in states unless such action has been authorized by federal statute.

Requiring state and Congressional approval prior to the federal acquisition of more than a quarter section of non-federal

land.

Prohibiting withdrawing federal lands from mineral development without Congressional approval

Prohibiting unilateral 30x30 designations under the Antiquities Act in counties and states that already contain 15% or more federal land.

NCBA welcomes bicameral push for swift conclusion to DOJ investigation

Senator John Thune (R-SD) and Representative Dusty Johnson (R-SD-AL) recently led a bicameral letter to U.S. Attorney General Merrick Garland, urging the Department of Justice to move forward with their investigation into anticompetitive practices in the meatpacking industry.

"Despite strong consumer demand and reopening across much of the country, cattle producers face significant business challenges. The farmers and ranchers NCBA represents are contending with high market volatility, drought, and extreme input costs, and they can't capture the value they deserve for the high-quality product they supply," said NCBA vice president of government affairs Ethan Lane. "We have a high supply of cattle at one end of this equation and a high demand for U.S. beef at the other, but the middle is being absolutely choked by the lack of processing capacity. It's in the best interests of both producers and consumers for the Department of Justice to get to the bottom of the current market dynamics, and assess why they seemingly always result in producers getting the short end of the deal. Cattle producers deserve to know whether or not the price disparity that has plagued our market is the result of anti-competitive or other inappropriate practices in the packing sector. We thank Senator Thune and Congressman Johnson for keeping up the drumbeat on this critical issue. We hope their bicameral request for a progress report will be met at DOJ with the urgency it warrants, and we hope to see results from the Attorney General soon.'

NCBA has long worked to increase processing capacity and expand opportunities for producer profitability by lowering the hurdles for small- and medium-size processing facilities.



Growing Crops, Cattle and Curiosity

By Jackie Mundt, Pratt **County farmer and rancher**

You can tell a lot about people by the types of philosophical questions they like to debate. Many people ponder sports greats, classic cars, blockbuster movies or which superpowers are the best.

In my house, these debates usually center on farming practices. We discuss which bull will be the best investment for our herd or the most effective timing to apply micronutrients to increases crop yields.

Farmers are perfectly happy to skip many of the rest of the world's interesting topics to endlessly ponder how to be better at their life's work. Farmers are constantly curious. driven to learn new things and have a knack for using all that knowledge to make improvements to the world around them. It is one of the hallmarks of farmers; they never stop learning and growing.

Sadly, Hollywood stereotypes often get farmers completely wrong. They are made out to be simple, uneducated and witless when reality could not be further from the truth. Farmers are well versed in more subjects than most professionals are because they have to be. They are hardwired to grow not just crops or animals but also themselves.

I was reminded recently of just how committed farmers are to continuous improvement. On a beautiful spring night a few days before rain when most farmers had long lists of projects to accomplish, a group of farmers from across our county quit early (or at least took a long break) to attend our county's wheat test plot tour.

Test plots, for those not familiar with them, are hundreds of trials with a selection of varieties of the same crop. These plots allow them to observe how varieties perform against each other in real-world conditions. Plot organizers typically host a tour during the growing season as an educational opportunity for local farmers.

During the 90-minute tour, I found myself thinking about how people outside of agriculture would probably be surprised to hear the highly technical presentations and lively discussions in the plot. Farmers switching from discussions of soil pH to disease tolerance to length of maturity all with the goal of understanding which varieties will be the right fit on their farm.

Farmers know the pH, soil type and amount of organic matter in every field they farm. Farmers use their understanding of chemistry to select nutrients to neutralize soil pH for healthier plants. They utilize knowledge of soil types to adjust tillage practices, which can increase organic matter and prevent erosion. They use their understanding of genetics and plant physiology to match varieties to their needs.

All of that technical knowledge is just for the decision of what, when and how to plant. Farmers still have to grow, harvest and sell their crops using their extensive knowledge of mechanics, marketing, technology, accounting and various other disciplines. In addition, some of them have livestock too, which adds a completely different category of biology to the mix.

Most farmers don't talk much about what they do. Some may be too busy, and others don't think they are doing anything special, but I disagree. Our local farmers are growing crops and livestock to feed you, me, and people all over the world.

The next time you sit down for a meal, I hope you will stop and take a minute to appreciate the all the growth that went into vour meal.

"Insight" is a weekly column published by Kansas Farm Bureau, the state's largest farm organization whose mission is to strengthen agriculture and the lives of Kansans through advocacy, education and service.

Kansas net farm income climbed in 2020, boosted by rising grain prices, government payments

By Mary Lou Peter

Early concerns for a tough year on Kansas farms linked to the coronavirus pandemic in 2020 were ultimately alleviated by strong crop yields, dramatically improved grain prices and COVID-19-related government payments, according to the Kansas Farm Management Association.

Net farm income for KFMA members climbed to \$167,894 last year, up from \$108,960 the previous year and the five-year average of \$98,282. The data reflected a string of consecutive years of increasing gains since 2015 when income plummeted to \$6,744, its lowest average in 30 years.

In what he termed as "the wild ride of 2020," KFMA director Kevin Herbel said early expectations were for a sharp drop in income due to market and supply chain disruptions, temporary livestock processing closures, dry weather in some areas, increased feed costs and other factors. However, the year turned out better than anticipated, due in large part to pandemic-related relief.

Government payments linked to coronavirus pandemic relief and traditional program payments (Agricultural Risk Coverage, or ARC, and Price Loss Coverage, or PLC), plus livestock and conservation payments averaged \$113,078, which was 67% of net farm income, Herbel said. Without those payments. 2020 net farm income would have averaged \$54,816 per farm.

Not all Kansas farms are KFMA members, but the data serve as a barometer of sorts for how farms are faring on an annual basis. The 2020 KFMA Executive Summary is available online.

In the annual summary, farmers who irrigated 20% to 60% of their crops fared best at \$211,058, with those who irrigated more than 60% averaging \$205,567. Dryland net farm income averaged \$176,047.

Net income for diversified farms that raise crops and have beef cattle backgrounding operations averaged \$173,443. For crop producers who also background and finish their own cattle, net farm income averaged \$203,546. Average net income for

dairy cattle operations was \$188,279, well above

the \$66,647 average in 2019.

Those operations listing cow herd as their only source of income averaged \$61,932, up from \$51,986 a year earlier.

The summary also indicated that in 2020:

Net worth for the average KFMA farm, from the beginning to the end of 2020, rose by \$135,811.

Total debt per farm decreased 3.15%, the largest annual decrease in debt since the early 1970s.

The gross value of crop production increased to \$414.30 per acre, the highest level since 2013, while crop production costs increased 2.2%.

Machinery and equipment investment increased; however, machinery costs were level at \$91.51 per acre with a decrease in fuel expense offsetting increased depreciation expense

The value of livestock produced by the average KFMA farm increased 17.6%. However, more than 26% of this total value came from COVID-19-related government payments. Without those payments, the value of livestock production would have decreased 13.8%.

"While there is optimism and positive expectations as we look forward

in 2021, there is still much uncertainty and volatility," Herbel said. "It is important for farm managers to assess their individual financial position, to know their numbers and use their numbers, in order to better understand the environment in which they are making decisions."

An Agriculture Today radio interview with Herbel and KFMA agricultural economists from around the state on the topic is available online. For more detail, including information on different areas of the state, check the 2020 KFMA Executive Summarv online

Council chairman Melis-

KLA volunteer leadership makes virtual trip to the Hill

KLA president Jerry Kuckelman, KLA president-elect Phil Perry

and KLA immediate past president Harry Moser, along with KLA Dairy



sa Hildebrand Reed and KLA Stockgrowers Council chairman Lafe Wilson made a virtual visit to Washington, D.C., recently to discuss issues facing the Kansas livestock industry. The volunteer leadership joined KLA staff as they sat down with senators Jerry Moran and Roger Marshall and representatives Tracey Mann, Jake LaTurner, Sharice Davids, Ron Estes and/or their staff via Zoom.

Kev issues discussed included, but were not limited to, cattle marketing, concerns around labor and immigration reform, livestock transnortation the navigable water protection rule, death tax and stepped-up basis, interstate sales of state-inspected meat and climate change. These meetings normally would have taken place in person during the annual NCBA Spring Legislative Conference, but it was held virtually this year.



This column is in the spirit of Paul Harvey's The Rest of the Story. A couple of columns ago I told you all the story of my lost calf and reuniting him with his mother. It was kind of a "blind pig finding the acorn" and "it's better to be lucky than good" type of thing. Well, I probably gave the idea that we immediately hauled the pair out to pasture, leaving you with the image of them going off into the sunset in the lush green grass. It kind of happened that way. We will go back to the happy day when I found mother and son reunited. I was in a hurry, so I did nothing but confirm that I was not seeing things and the calf was indeed with his mother. The next morning, I went out with a couple flakes of prime alfalfa thinking that she would happily follow me into the catch pen, and everything would be roses and butterflies. I was wrong. Apparently, we traumatized Junior when we spooked him because he saw me and immediately put his tail in the air and went the other direction. I did not add to his trauma and left the flakes of alfalfa in the catch pen. I came back the next morning and the alfalfa was gone. The cow headed to the catch pen as soon as she heard me, but her calf was nowhere to be found. The trap she was in is small and has relatively few hiding spots, but I could not find the calf anywhere. The cow was acting pretty coy, and I was sure she knew where he was hidden, and I could wait. Patience is a virtue that I sometimes have, and I left to fight another day. Well, the next week came and went and I would catch glimpses of the calf, but he was never with the cow when I gave her feed, and I could never find him. His level of hide and seek was legendary. Part of the trap consisted of electric fence running out into one of my fields. I need to plant soybeans on the field eventually and the electric fence needed to be rolled up, but not until after she was caught and hauled to summer pasture. We continued to play cat and mouse until the day I had both kids at home. This was going to be my best chance to have help guiding her into the pen.

would take a whole bale of alfalfa in with us and try to get her attention. At this point the calf was not as spooked by me but he still would not drive and definitely was not going into the catch pen. His mother, on the other hand, loved the alfalfa and came almost on a dead run to it. Isaac was to stay back with his dog out of sight. He would only come when we told him to because we did not want to spook the calf. Tatum and I got as close as we could without getting Junior's radar up too much. The cow saw the bale and really, really wanted to come get it, but her mother's intuition must have told her something was up. In the meantime, Isaac was on the move; my son has many good qualities, but stealth is not one of them. The cow saw him and his dog and she and the calf spooked. Fortunately, she spooked toward the catch pen, where Tatum and I had deposited the bale and gotten back out of sight. The cow was either under the spell of the alfalfa or had an incredibly short memory because she instantly went from being spooked to locking in on the bale in the pen. She went straight in and the calf, still being spooky, ran right past her and into the pen. The next task was to get the gates shut without losing either mother or son. All I can say is that I must have picked one of the best bales of alfalfa I had. Isaac and his dog came up to close off the opening. The calf spooked and went farther into the pen while his mother munched on the alfalfa. Isaac closed the gate, and the last pair was caught and ready for summer pasture. It was evening when we finally loaded them on the trailer. The sun was going down when I opened the gate and they came off the trailer into lush, green grass, it was quite picturesque. So, yes, I did find my lost calf. It was reunited successfully with its mother and they are now out with their assigned bull and pasture. That would have been the simple story, but we can never do anything the simple way around here. There you have it, in all the details and, in the famous words of Paul Harvey: now you know the rest of the story.

We made a plan that Tatum and I

"To think calf, when I went to tryin' to rope you four miles back, you weighed 300 pounds more than you do now!





785-539-7558 Fax 785-539-2679

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

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

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Grass & Grain, May 25, 2021 Page 3 CKD wheat plot tours May 28th in Saline and Ottawa counties

K-State Research and Extension and Central Kansas District will host tours of three wheat variety plots in Saline and Ottawa counties on Friday, May 28th.

The first tour will begin at 8:30 a.m. southwest of Solomon at the Tom and Pat Ryan Farm, Located three miles west of Solomon on Old Hwy. 40 then 2½ miles south on the Gypsum Valley Road. The second tour

will begin at 11:00 a.m. near Mentor at plots on Vaughn Isaacson and Sons farm, located on the

west edge of Mentor in the north side of Mentor Rd. A complimentary meal will be served following the tour, courtesy of Phillips Seed Farms Inc.

The third tour will begin at 2:30 p.m. southwest of Minneapolis at the Tim and Ryan Myers plot, located at 950 Justice Rd. which is 1¹/₂ miles west of K-106 Highway and north ¼ mile on 90th Road.

Tour Speakers include Romulo Lollato, Extension wheat specialist; Kelsey Anderson Onofre, Extension plant pathologist; and Stu Duncan. Extension northeast regional agronomist. The discussion will focus on wheat variety selection. agronomic traits of varieties in the plots, production practices, and wheat disease manage-

ment. For more information, contact Jav Wisbev, at the CKD Salina office at 785-309-5850. All wheat growers and other interested persons are encouraged to that attend these public tours. No RSVP is needed.

KFB's End Hunger campaign now offers grant funding for hunger projects in local communities

With the help of generous donations from Farm Bureau members in Kansas and Farm Bureau Financial Services agents, Kansas Farm Bureau's End Hunger campaign donated nearly \$100,000 to food banks and pantries across the state in 2020.

Now the state's largest farm organization is rolling out the second phase of the program, which will provide grant funding for county Farm Bureaus and local Farm Bureau Financial Services agents so together they can develop projects in their communities. The program will continue providing donations to local food pantries

"We were thrilled with the success we saw in phase one," Terry Holdren, CEO of Kansas Farm Bureau, says. "This second phase will provide the same opportunities while also offering added flexibility to tackle specific hunger issues in communities head on."

Grant funds will target the issues that impact food insecurity. These issues include access, having enough, being able to afford and the nutrition of foods.

"We know there is no magic bullet to ending hunger," Michelle Hubert, regional vice president of Farm Bureau Financial Services, says. "By focusing

America's Corn Farmers to sponsor MLB at Field of Dreams presented by GEICO

Major League Baseball (MLB) recently announced that the National Corn Growers Association (NCGA) has agreed to become an official partner of this summer's MLB at Field of Dreams presented by GEICO event. The game will be played at a newly constructed ballpark adjacent to the Field of Dreams movie site in Dyersville, Iowa on Thursday, August 12th and will be broadcast nationally on Fox.

"NCGA brings an authentic voice of the American corn farmer to this unprecedented game," said Bill Morningstar, MLB executive vice president, Sponsorship Sales. "This organization is a perfect fit to sponsor a game nestled in a cornfield, just like the film we will celebrate. We are delighted to welcome the NCGA on board as an official partner of an event that will be memorable for all sports fans."

The game between two historic franchises - the Chicago White Sox and the New York Yankees - will be played, as in the film from Universal Pictures, amongst fields of Iowa corn, in all its mid-August glory, as a backdrop. "This is a first-in-a-lifetime event to see two professional sports teams from two of America's biggest cities play a game in a field of corn," said NCGA President John Linder, a corn farmer from Ohio. "This creates a unique opportunity to tell the story of the American corn farmer to the American public in a creative and highly entertaining way."

NCGA's partnership of this event is made possible through the generous support of the Illinois Corn Marketing Board (ICMB) and the Iowa Corn Promotion Board (ICPB)

"This is a terrific opportunity for us to provide a connection between local farmers and their communities," said Dirk Rice, ICMB chairman and Philo, Illinois farmer. "There may not be a better place to build that relationship than the ballpark. We are excited to share who we are and how we farm with baseball fans around the country."

"There is nothing more American than baseball and farming, and we are excited to have them come together on a century-old family farm in a rural Iowa cornfield," said ICPB president and farmer from Independence, Iowa, Greg Alber. "Our goal is that baseball fans leave with a sense of pride, not only in the team they are rooting for, but pride in our American corn farmers and an appreciation for agriculture."

The corn growers have a host of activities planned around the game. Visit ncga.com/bornforthefield to learn more about their plans for MLB at Field of Dreams.

on these core issues and providing flexibility on the projects, we know community members can create lasting change together.' Anyone interested in learning more about the End

Hunger program should contact AshLee Lattner at lattnera@kfb.org.

For more information about the fund or to contribute, visit www.kfb.org/endhunger.



lemp law passes legislature, signed by Governor Kelly

Among nearly twelve hundred bills introduced into the Kansas legislature this session, one area receiving bipartisan support from lawmakers is hemp. After mobilizing into action on House Bill 2244, which officially transfers hemp processing jurisdiction to the State Fire Marshal's office, Planted Association of Kansas in partnership with Capitol Lobby Group successfully added crucial amendments to help expand the hemp industry's growth.

As an appointed mem-

ence committee on April 8th, Governor Kelly signed the amended bill into law on April 16, 2021. PAK extends its gratitude for the work and ongoing support from House Agriculture Committee chairman, Representative Ken Rahjes, Senate Ag and Natural Resources Committee chairman, Sen. Dan Kerschen, Kansas Department of Agriculture and legislative committees.

While this change matches what is allowed at the federal level, there work to be done, 1s more

forms of products to be sold while also increasing overall support for the hemp program as an important value-added crop for farmers.

Planted Association of Kansas was formed in 2018 as the state's membership trade group supporting the reintroduction of industrial hemp. The organization's mission is to spread awareness, provide education and advocacy, networking opportunities, and promote sustainable best practices for regenerativ across the H the state con the path of up regarding ca non-profit lo

to collaborating to support Kansas communities and guide evidence-based policy.



ber of the Kansas Department of Agriculture's Industrial Hemp Advisory Board, Kelly Rippel was invited to draft amendments with the intent of helping farmers and provided testimony in multiple committee meetings. As a result of this work provisions were adopted to HB2244 allowing the sale of both full spectrum CBD products (containing .3% THC) and products made from hemp seed that are produced in Kansas.

Upon the bill being passed out of a confer-







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Loretta Shepard, Helena, Oklahoma, Wins This Week's Grass & Grain Recipe Contest Winner Loretta Shepard, Helena, Oklahoma: PEPPER STEAK

1 1/4 pounds beef top round OR Sirloin steak

- 1 cup water
- 1/4 cup vegetable oil
- 1/4 teaspoon garlic salt
- 1/4 teaspoon ground ginger
- 2 green peppers
- 1 sliced onion
- 2 tomatoes
- 1 tablespoon cornstarch
- 2 teaspoons sugar
- 2 tablespoons soy sauce
- **Cooked rice**

Cut beef into strips. Heat oil in large skillet. Add beef; cook, turning frequently, until brown, about 5 minutes. Stir in water, garlic salt, onion and ginger. Heat to boiling; reduce heat. Cover and simmer about 15 minutes for round steak, 8 minutes for sirloin. Add green pepper strips during last 5 minutes. Blend 1 tablespoon cornstarch, sugar and soy sauce into beef mixture. Cook, stirring until thickened; boil 1 minute. Cut tomatoes into eighths and place on top of beef: cover and cook until tomatoes are heated through. Serve over rice.

Jackie Doud, Topeka: **RASPBERRY DELIGHT** 1 1/2 cups butter 1 1/2 cups flour 2 tablespoons sugar 2 cups powdered sugar 8 ounces cream cheese 1 cup boiling water (2) 10-ounce packages frozen raspberries, thawed

3-ounce package raspberry gelatin

1 cup chopped nuts

Blend 1 cup butter, 1 1/2 cups flour and 2 tablespoons sugar and spread on the bottom of 9-by-13-inch pan. Bake at 325 degrees for 20 minutes or until tests done: cool. Blend 2 cups powdered sugar, cream cheese and 1/2 cup butter. Carefully spread onto baked crust. Sprinkle 1 cup chopped nut over cream cheese layer. In a bowl add boiling water to gelatin. After gelatin dissolves add raspberries. Pour on top of the nut layer; chill. Serve

with whipped cream. **** Rose Edwards, Stillwater, Oklahoma: CORN SOUFFLE 1 stick butter, melted 1 cup sour cream 2 eggs 1 Jiffy corn muffin mix 1 can whole kernel corn, drained 1 can cream-style corn Mix all together in

order in large casserole. Stir until blended. Bake at 350 degrees for one hour. Let set 30 minutes before serving. ****

Darlene Thomas, Delphos:

EASY SALSA **SLOPPY JOES** 1 pound ground beef 1 1/3 cups salsa **10 3/4-ounce can condensed** tomato soup, undiluted 1 tablespoon brown sugar 8 hamburger buns, split In a large skillet cook

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beef over medium heat until no longer pink, breaking into crumbs; drain. Stir in salsa, soup and brown sugar. Cover and simmer 10 minutes or until heated through. Serve on buns. Makes 8 servings.

utes. Cool completely.

Stillwater, Oklahoma:

OATMEAL BANANA

CUPCAKES

1 cup mashed ripe bananas

1 teaspoon baking powder

In a bowl cream butter

and sugar. Add eggs, ba-

nanas and honey; mix well.

Combine dry ingredients and then stir into creamed

mixture just until moist-

ened. Fill paper-lined muf-

fin cups 2/3 full. Bake at 350

degrees for 18-20 minutes

or until tests done. Cool

in pan 10 minutes then re-

1 teaspoon baking soda

Edwards,

Kimberly

1/2 cup butter

1/2 cup sugar

3/4 cup honey

1 1/2 cups flour

1 cup quick oats

3/4 teaspoon salt

2 eggs

Kellee George, Shawnee: LIME BARS

2 cups finely crushed pret-

- zels
- 1/4 cup sugar
- 1/2 cup melted butter
- 1/2 cup lime juice
- 2 cans sweetened condensed milk
- 3 eggs
- 4 teaspoons grated lime peel

Set oven 350 degrees. Spray a 9-by-13-inch pan. Combine pretzels, sugar and butter. Firmly press over bottom of pan. Bake until crust is firm, about 10 minutes. Cool slightly. Combine remaining ingredients. Pour into cooled crust and bake 25-30 min-

Be Food Safe: Pressure Canner Testing Dates Set For June

Home preservation of foods has been a foundation of Cooperative Extension Education. Early history reveals that Extension Agents have been helping local housewives preserve food using recommended practices since the be-

food preservation practices among families and individuals today. Recently, there has been increased interest in gardening and that will lead to increases in food preservation of produce. To ensure pressure canning equipment is safe and accurate, dial gauge canners should be tested yearly.

Dial Gauge testing will be held at K-State Research and Extension Wildcat District offices beginning June 1 through June 9 from 9 a.m. to 3 p.m. or drop off your canner to be tested at any time. Bring the entire canner, pressure gauge and rubber seal for a complete canner inspection. Testing takes approximately 15-20 minutes and is free.

If you have any questions or want more information about canning/preserving food at home please contact: Holly Miner at Wildcat District Independence Office 620-331-2690 to learn more about food preservation, food safety, or any other topic related to nutrition, food safety or health.

Pressure Canner Testing Dates:

- * June 1: Independence Office, 401 Peter Pan, Suite B, 620 331-2690
- * June 3: Pittsburg Office, All Aboard Building, 216 N Broadway, Suite H, 620-232-1930.
- * June 4: Girard Office, 120 E. Buffalo Street, 620-724-8233.
- * June 8: Altamont Office, 524 Huston Street, 620-784-5337.
- * June 9: Fredonia Office, Courthouse Room 1, 615 Madison, 620-378-2167

For more info, please contact Holly Miner, Nutrition, Food Safety & Health Agent, haminer@ksu.edu, 620-331-2690.



OSWALT AUCTION SERVICE * Bill Oswalt, 620-897-7500

Baking With Sugarbuns By Michele Carlyon 100 My Future to Bake Neiahbor

My youngest niece, Chloe, fights sleep with every ounce of her being. Her nightly routine does not change; it is bath time followed by a little bit of movie time, followed by cuddles and hugs, and then tucking the girls into bed. You can generally put money on the fact that it is just a matter of time before Chloe is going to peek her little head out of the door to tell you something very important, things like, "I want to wear my robe tomorrow," or "I want the rainbow picture at the other end of my bed," or "Baby panda is not ready for sleep," or my favorite, "My blanket fell off." It is always something as she tries her hardest to prolong the inevitable of going to bed.

Her mom and dad have tried everything they can to overcome this and to get her to stay in bed. Everything from bribing with candy canes, to sleepovers with grandma, to even taking away movie privileges. Never fails, an option will work for a little bit and then she is back to being Chloe and will have something especially important to tell you after she is put to bed. This past week she has been up to her usual shenanigans and when asked what would encourage her to stay in bed, she said she wanted "to talk to Boo Boo (me) on her phone at night."

My brother had installed a telecom system with phones in both girls' bedrooms and one outside, giving them the chance to talk to whomever is standing outside through their phones. They both love it. Although Chloe generally, in her sassy demeanor, does not want to give me hugs nor does she care about talking to me on the phone, so you can imagine my shock when she wanted her rewards for staying in bed to be that she got to talk to me on the phone. Yesterday morning, my brother called to inform me, rain, or shine, I was talking to Chloe on the phone last night, she had finally stayed in bed for the night after countless nights of fighting them on it. After work and workout, I headed over to see the girls with sugar cookies rolled in colorful sugar. Chloe was beyond excited to tell me that she had stayed in bed all night and now

she was going to get to talk to me on her phone. They took their baths, watched some movie, gave hugs and then outside I headed for another conversation with someone that is wise beyond her years.

We chatted about her day, she told me about her playgroup, what she had for lunch and was sure to not leave out any details; she was doing her best to avoid going to bed after all. Somewhere during our conversation, she told me that someday when they are bigger, they are going to have a new house and it was going to be right beside mine. I asked her why she wanted to have a house next to mine and she said with complete certainty, "So we can bake cookies for you, and you can bake cookies for us, it is what good neighbors do."

That little sassy threeyear-old gets something that so many people in this world do not get and quite honestly, I do not know that she fully understands her understanding of this, but she understands how important it is to take care of those around vou. She did not want to live close to me so she could see me more, she wanted to live closer to me so she could bake for me, and I could bake for her, so we could take care of each other. She is growing up surrounded by people who make food for people to show they care and that resonates with her and I cannot help but to think that that is an incredibly powerful thing for such a little human to grasp. She might leave me wondering daily if she likes me or not, but regardless, she is willing to help take care of me and that to me is amazing and says so much about the people who are raising her.

move to wire rack. Makes about 1 1/2 dozen. *****

ginning of Extension work.

Home canning and freezing are the two most popular

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Volume 7 of Clips from "Our Daily Bread" Picking up where we left off, you can now enjoy a compilation of nearly 80 pages of unique & delicious recipes from 'Our Daily Bread" circa 2014, including a few home recipes from the G&G staff!

NOTE: We do have some Vol. 6 Grass & Grain cookbooks remaining, if you prefer that one.

Send Your Recipes Today!

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



K-State Health Expert Discusses **Mental Health Impacts Of Pandemic**

MANHATTAN – A new report from the American Psychological Association indicates that most U.S. adults are surprised that the COVID-19 pandemic has lasted so long.

The APA's report on Stress in America found that 82% of American adults are surprised that the pandemic has lasted more than a year. Nearly 7 in 10 (67%) said that living through the pandemic has been a rollercoaster of emotions.

And Elaine Johannes. the Kansas Health Foundation Distinguished Professor of Community Health at Kansas State University, said 46% of adults do not feel comfortable going back to living life like they used to before the pandemic.

"It's amazing that this has gone on more than a year," Johannes said. "So, it's not surprising that so many are re-evaluating and wondering what's next as they re-enter community life.

"It's hard for us to deal with. Usually we can acclimate to a sudden trauma, grief or loss. With the help of our friends or family, we can move on. But these repeated ups and downs ... it's been tough."

Johannes noted that many adults likely have gone through stages of shock. denial. sadness and grief and, eventually, acceptance.

"But some of the research around grief and change and how we feel about that has added another perspective, a sixth stage of meaning." Johannes said. "This is where we feel like we have to have meaning assigned to (the occurrence). I think that's where our emotions are right now. We're asking ourselves, 'what do we do now,' 'how do we recover knowing that we can't go back to the way life was' or 'what's the meaning that we can take away from this pandemic, even though it's still going on.""

Johannes said there is evidence that indicates Americans 100 years ago dealt with the same emotions during the Spanish Flu pandemic. During that time, there was also political unrest, doubts about the proper way forward and many deaths. That incident also showed that the ripple effects were felt for many years after. "As a society, we need to be ready to re-acclimate (after the COVID-19 pandemic), redefine what our recovery is and reflect on what we gained from it," Johannes said. "We can't just go back to 'normal' because we will never be the same again." Work that has been done to address disaster-related psychological trauma has led to strategies that aid in recovery. Those include adapting to a different normal: feeling a sense of some control over our emotions;

gaining perspective and assigning meaning to the losses; and feeling mastery from the experience.

Johannes punctuated her point by recalling a saying from President Harry S. Truman: 'The reward of suffering is experience.'

"That, to me, kind of gives an understanding that the suffering and loss is real, and the sadness is authentic," she said. "But, what can we gain from that? I think we can say that we are wiser and we have this experience to guide us in the future."

Johannes added that the APA report highlighted an important point that Americans shared the experience as "a true community."

"No matter where we were, Americans realized this was a tough, tough thing to go through," she said. "We felt this roller coaster, up and down, not being sure what was next ... But, as a group, we were still a community."

A full interview with Johannes on the mental health aspects of living I've spent the pandemthrough the pandemic is ic being rather nonavailable on the weekly radio program, Sound Living, produced by K-State Research and Extension.

Links used in this story: K-State Research and Extension local offices, https://www.ksre.k-state. edu/about/stateandareamaps.html

APA Report: Stress in America, https://www.apa. org/news/press/releases/ stress/2021/one-year-pandemic-stress-conclusion

APA Psychological First Aid Resources, https:// www.apa.org/practice/programs/dmhi/psychological-first-aid/resources

Sound Living, https:// www.ksre.k-state.edu/ news/radio-network/ sound-living.html

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Wild. Free And Presentable

By Lou Ann Thomas

I'm fully vaccinated and ready to run wild and free. I can't wait to plan some trips, get away for a bit of R&R, and see more than the view out my windows. I've even started offering and accepting some social invitations.

However, that requires attention to grooming details that chalant about.

First on the, "Getting Ready to Leave the House List" is getting use to hard clothing again. Like many of us. I spent much of the last year in stretchy clothes with elastic waistbands, which I have learned will lie to you. These soft, comfy clothes with the expandable waists will lead you to believe that the pizza, chips and glazed donut holes that you depended on to get you through months of isolation had no lasting effect on your body. Then, when you decide to leave the house you discover the truth - the pandemic has shrunk all of your clothes! But long before

you get to put on real clothes there is plenty of work to do to make yourself ready for a public presentation. Time must be spent soaping, shampooing and scrubbing, then there is tweaking and tweezing, shaving and plucking. And don't forget moisturizing, defoliating, twirling, curling and concealing. It's hard work to make yourself presentable after 19 months of being home mostly alone. Patience and time, and no small amount of self-acceptance is required, when looking at your

pasty, pale, indoor skin

and pandemic pounds. However, having made it through the pandemic we can feel pride in our strength and resilience. We traveled through an unprecedented time and circumstance. None of us anticipated a virus overtaking the entire world, causing us all to retreat. We learned new skills, like how to Zoom, order groceries online for easy pickup, and how to tolerate our own flaws and peculiarities a little longer than we ever have had to before.

If you are fully vaccinated it's time to move about again. It's time to laugh with, and hug our friends. It's time to brush, floss and

polish ourselves up so we can step back into the world with grace and gusto. It may be a different world that we re-enter and that's okay, because we have also no doubt changed. We've learned what is truly important to us and for me, that is a deeper appreciation for freedom, choice and the people in my life. They are the ones who deserve my best. They are to whom I am hoping to make myself presentable again.

But, to be honest, by the time I get there, I will be so worn out from the primping and tossing that I'll likely have to request a rain check.







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Wallace 17,200 +400	Logan 40,5 +50	00	Gove 81,000 +1,000	Trego 29,000 +500	Ellis 33,000 +500	Russell 31,000 +500	36,500 +500 Ellsworth 34,500	Saline 31,000	Dickinson 81,000 +1,000	L +500 Morris	Wabaunsee 49,000 4500	15,900 +400 Osage 38,500	Douglas 21,500 +500	+ Johnson 10,300 +300	+0
Greeley 36,000 +500	125,000	Scott 310,000 +10,000	85,000	Ness 39,500 +500	Rush 23,000 +500 Pawnee	Barton 110,000 +0	+500 Rice 63,000	+500 McPherson 39,000 +500	Marion 74,000 +1.000	66,000 +1,000 ^{Chase} 55,000		+1,000 Coffey	58,000 +1,000 Anderson	Miami 41,500 +1,000 Linn	
Hamilton 130,000 +0	Kearny 76,000 +2,000	Finney 245,00 +5,000		Hodgeman 82,000 +1,000 Ford	81,00 +1,000 Edwards 70,000		+1,000 Reno 86,000 +1,000) 40,00	arvey O Butler O	+1,000 G 5,000	ireenwood 73,000	37,500 +500 Woodson 31,000	40,500 +500 Allen 31,500 +500	38,500 +500 Bourbon 73,000	
Stanton 36,500 +500	Grant 250,000 +5,000	Haskell 385,00 -5,000	+5,000	160,000 +5,000 Clark	+2,000 ^{Kiowa} 27,500 +500	Pratt 66,000 +1,000 Barber	Kingman 40,000 +500	30,00 +500	10		+1,000 ^{1k} 34,000 +500	+500 Wilson 24,000 +500	Neosho 54,000 +1,000	+1,000 Crawford 45,000 +1,000	
Morton 13,100 +300	Stevens 47,000 +1,000	Seward 120,00 -5,00			Comanche 47,000 +500	66,000 +1,000	Harper 57,000 +1,000			4,000 1,000	+300 hautauqua 34,000 +500	Montgomery 42,000 +500	Labette 88,000 +1,000	Cherokee 31,000 +500	



SPECIALIZATION 2021

Less Than 15% Beef Cows

Cow Herd 40% and Up

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Livestock organizations issue joint statement regarding market concerns

On Monday, May 10, 2021, member leaders of American Farm Bureau Federation, National Cattlemen's Beef Association, National Farmers Union.

Winners & Losers 2021

R-CALF USA, and the United States Cattlemen's Association met in Phoenix. Arizona.

+5,000/more

These groups convened at the request of the Livestock Marketing Association to discuss challenges involved in the marketing of finished cattle with the ultimate goal of bringing about a more financially

-5,000/more

sustainable situation for cattle feeders and cow-calf producers. The group talked openly and candidly about a

wide range of important

issues facing our industry today, including but not limited to: Packer concentration.

Price transparency and discovery.

Packer oversight, Packers and Stockyards Act enforcement, Level of captive supply,

and Packer capacity.

The group also agreed to take to their respective organizations for consideration these action items:

Expedite the renewal of USDA's Livestock Mandatory Reporting (LMR), including formula base prices subject to the same reporting requirements as negotiated cash and the creation of a contract library.

Demand the Department of Justice (DOJ) issue a public investigation status report and as warranted, conduct joint DOJ and USDA oversight of packer activity moving forward.

Encourage investment in, and development of, new independent, local, and regional packers.

This unprecedented meeting brought together diverse producer organizations to identify issues and discuss potential solutions. These issues and action item lists are not comprehensive, due to time constraints of this meeting. Attending organization representatives were pleased to have reached consensus on many issues and are committed to the ultimate goal of achieving a fair and transparent finished cattle marketing system.



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by John McDonald



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Recognizing and controlling 'summer pneumonia' in nursing calves

By Bruce Derksen When conscientious cow/calf producers send their pairs to pasture, they're hopeful all the pieces are in place to keep their calves healthy and productive through to weaning.

But sometimes what is often termed 'summer pneumonia' disrupts their well-constructed plans and scatters those pieces like a child's puzzle.

Definition and Causes

The pneumonia cases occurring in summer are those in spring calving beef herds while fall calving herds might see pneumonias in pre-weaned calves at a different time of year says Dale Moore, DVM and director of Veterinary Medicine Extension at Washington State University.

Rather than separate entities, she describes these challenges as 'waves of pneumonia'.

"One wave is usual-

ly before 30 days of age, likely due to inadequate colostrum intake, and the second wave occurs at about 90 to 120 days of age, likely a result of waning maternal immunity from colostrum."

Moore explains these waves are all-encompassing, affecting every breed of cattle, however, studies have found the incidence much lower in crossbreds compared to purebreds.

Causes for the youngest calves relate to colostrum quality, quantity and transfer of immunity from dam to offspring. If any are lacking, antibody levels are insufficient to help fight off germs present early in life.

Likewise, colostrum is also an issue for older nursing calves later in summer. Although they may have received adequate amounts, Moore says immunity and maternal antibodies wane over time, with serum levels halved approximately every 20 days, thus by the time offspring are three to five months old, levels are low.

For all young calves, congregating and co-mingling of various ages is a potential underlying cause of pneumonia and presents increased opportunity for disease agent transmission.

"The same pathogens are in play, but actual underlying causes may be different from herd to herd. A viral, mycoplasma or environmental insult (handling stress, dust, extreme heat/ humidity or cold as examples) can affect the normal respiratory tract defenses, allowing bacteria to enter the lower airways, settle in lung tissue and result in pneumonia."

Identification,

Management and Control Moore urges monitoring of pastures for early signs of the disease although it can be hard to detect as sick animals attempt to hide and blend in with the group. Labored breathing, lethargy and muscular weakness are outward signs.

"Pneumonia in preweaned calves is serious and the illness can lead to death. Respiratory disease, however, is difficult to diagnose and signs such as coughing or rapid breathing might not be observed until the lungs are heavily affected. We are finding this even with dairy calves observed daily."

She says clinical assessments don't reveal how much of the lung is influenced so they often use lung ultrasound to determine extent of consolidation or damage.

A narrow calving peri-

od is an excellent prevention strategy for pneumonia according to Moore, as it avoids grouping a wide range of ages and immune systems. This offers vaccines an increased opportunity to work in a higher percentage of animals. Large variations in age present a greater likelihood for older calves to become a source of bacteria. spreading it to younger, more susceptible calves, even though they may not be sick themselves.

She also encourages identification and early treatment with an approved antimicrobial although she understands this can sometimes be hard to accomplish in a pasture setting. Thought should be given to potential methods of gathering or restraining affected animals for treatment.

Vaccinations are beneficial and if possible, should be time sensitive as they help prevent outbreaks in upcoming years. When issues routinely appear during a particular time, immunizations made several weeks prior could be useful in controlling challenges.

"Keeping accurate health records is key to understanding and addressing the problem on individual operations with all pneumonia, including what some call summer pneumonia," Moore said. "Ranchers and their veterinarians should examine the records and make ranch-specific decisions on vaccination, timing and management practices."





Technology in the Smart Feeder allows monitoring and control of individual livestock feed diets and intake. *Courtesy photo*

Nebraska's Smart Feeder to kickstart precision livestock management

Researchers at the University of Nebraska-Lincoln's Extension Centers and Gudmundsen Sandhills Laboratory have kickstarted a project that takes a new approach at real-time precision livestock management in extensive rangeland ecosystems.

Utilizing a solar-powered Smart Feeder, researchers have the ability to precisely monitor and control individual livestock feed diets and intake online.

We create custom diets on an individual animal basis based on the animal's needs, and we can adjust the diet on each cow," said Travis Mulliniks, assistant professor in the animal science department. "That's precision livestock nutritional management." "We are looking at how we can utilize these technologies from a production standpoint and how they work for producers. We're asking what's the benefit and what's the best for the producer in terms of profitability and sustainability.' The portable Smart Feeder system is used to continuously measure, control and adjust daily feed intake and feed time for individual animals. Inside the SmartFeeder are four individual bins, allowing a broader choice in supplements that the herd may require nutritionally, in the form of cake, powders and pellets. Data is captured on when each animal eats, what they eat, and how much they consume. Producers can access this data and adjust feeding times and access if necessary. Animals access the smart feeder using an electronic identification – or EID – tag. Each tag is unique to an individual animal, and the Smart Feeder dispenses the prescribed amount of feed for that animal. "I've got a lot more control over their nutritional diet than I had before," Mulliniks said. "I can be very cost-effective with what I feed to get a certain targeted end product. It also allows us the abilities to gather other performance or animal behavior

data." Optimizing resources on a large scale, especially in an extensive environment like the Nebraska Sandhills, can be challenging. Individual animal management plays a role in optimizing resources, according to Mulliniks.

The Smart Feeder will allow Mulliniks and his team to curb variation intakes due to behaviors of aggressive and less aggressive eaters. This will allow for a uniform diet and deily gein for livesteel, real-time feed data decision making as well as reduced feed and labor costs.

"Part of the issue we have is, whether it is feedlot or pasture, it's hard to get our hands on animals daily," said Mulliniks.

"It's hard for us to answer a lot of key questions because of the extensive environment, the extensive unknowns such as their diet. Embracing this technology will help answer some on those questions that have been un-

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Grass & Grain, May 25, 2021 Page 8 Cattle Chat: monitoring bulls in breeding season By Lisa Moser "Just like an athlete at "At the start of the the operation."

At any sporting event, it is easy to spot the trainers and medical personnel hovering on the side watching for a potential athletic injury. In much the same way Kansas State University Beef Cattle Institute veterinarians Bob Larson and Brad White advise that producers need to closely monitor their bulls at the beginning of breeding season.

the start of their sports season, game time is now for bulls turned out in breeding pastures," said White on a recent Cattle Chat podcast.

Larson agreed with that analogy and said that the first three to four weeks of the breeding season are critical for a successful breed-up and the bulls should be monitored particularly closely during this time.

breeding season, none of the cows are pregnant therefore, bulls will be the most active when there are the most open cows to breed," Larson said.

"The first few weeks of the season are the most important time of the year regarding the success of the breeding program because the age of the calves at weaning directly relates to the income for

The two most common bull injuries that result are lameness and damage to the penis, Larson said.

"It is important to evaluate his movement on his feet and legs, and if you see him limping, you will want to check him out more closely," Larson said. The temporary lameness can be from a injuries from fighting other bulls, a misstep when mounting cows, or even

pasture.

Larson and White caution producers not to just drive by the pasture, observe the bull lying down and assume he is okay.

'You've got to get out of the truck and check to make sure the bulls are moving well," White said.

Along with movement. Larson said observers need to carefully look at the bull's underline. Swelling between the Chat podcast online.

sheath and scrotum could indicate an injury to his penis.

"Take the time to look at his feet and legs and his underline as well as observing his behavior to confirm he is in good overall health," Larson said.

He added: "The month of breeding turnout is really important; give it the attention it deserves."

To hear the full discussion, listen in to the Cattle

KLA Young Stockmen's Academy tours beef and dairy industries in Kansas

The second installment of the Kansas Livestock Association (KLA) 2021 Young Stockmen's Academy (YSA) was held May 10-12. The group of young producers spent three days touring various segments of the beef and dairy industries in Kansas. Merck Animal Health is the exclusive sponsor of the YSA program.

The first stop on the tour was at Hildebrand Dairy near Junction City. Owner and operator Melissa Hildebrand Reed discussed the protocols used to manage their dairv cows and took the class on a tour of the facility.

The group then traveled to Tiffany Cattle Companv near Herington to tour the custom cattle feeding operation owned and operated by Shawn and Shane Tiffany. Creekstone Farms Premium Beef packing plant in Arkansas City also hosted the class, who got to see the beef grading pro-







Pictured are, front row, from left: Derek Neal, Wamego; Cayden Daily, Great Bend; Audrey Schultz, Andover; Darcy Reeve, Maize; Clara Cross, Salina; Brooke Boulware, Scott City. Back row: Matthew Harrison, White City; Clayton Kershner, Rush Center; Chris Mushrush, Elmdale; Colton Lowry, Almena; Josh Johnson, St. Francis; Brian Carlton, Larned; and Trent Johnson, Fort Scott. Not pictured, Julie Hiesterman, Palmer; Matt Rezac, Onaga; Justin Shields, Colby; and Brandt Skinner, Leonardville.

state-of-the-art beef distribution center.

During a stop near Sedan, Bill Sproul explained how Sproul Ranch has implemented a threeyear, back-to-back fall prescribed burning plan to control Sericea lespedeza on their stocker and cowcalf operation. The class learned more about seedstock production and the use of a live auction and private treaty marketing to sell genetics while visiting McCabe Genetics near Elk City. Locke Cattle Compa-

cess. fabrication floor and ny shared how they utilize prescribed burning and double-stocking as part of the grazing management plan on their El Dorado ranch.

> Additionally, the YSA class visited El Dorado Livestock Auction, where co-owner Josh Mueller took them on a tour of the modern facility that sells more than 50,000 head of cattle per year. While there, the group participated in a Beef Quality Assurance training seminar.

Members of the 2021 class are Brooke Boulware, Scott City; Brian Carlton, Larned; Clara Cross, Salina; Cayden Daily, Great Bend; Mat-

thew Harrison, White City; Julie Hiesterman, Palmer; Josh Johnson, St. Francis; Trent Johnson, Fort Scott; Clayton Kershner, Rush Center; Colton Lowry, Almena; Chris Mushrush. Elmdale; Derek Neal, Wamego; Darcy Reeve, Maize; Matt Rezac, Onaga; Audrey Schultz, Andover; Justin Shields, Colby; and Brandt Skinner, Leonardville. The third session for the YSA class will be held in September. Members will have the opportunity to learn more about the agribusiness and retail beef industries. More information about YSA can be found at www.kla.org.



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New study: guilting meat-eaters doesn't work According to a study published in the Journal of Con-

sumer Psychology, humanizing animals does not cause most consumers to reduce their meat consumption out of guilt, but it does influence them to choose healthier meat dishes.

"We believe that this is because the health benefits of eating meat, more than taste, provides a strong justification for meat consumption, thus reducing consumer guilt about animal suffering aroused by animal anthropomorphism," wrote the researchers, marketing professors at the University of Buffalo. "Since the health justification dissipates guilt, animal anthropomorphism hardly reduces consumers' meat consumption unless they are barely committed to eating meat."

CRP participation has declined, despite rising program cap

2-DAY AUCTIO

First incorporated into a farm bill in 1985, the conservation title is what some would consider the original Green New Deal. Its voluntary conservation initiatives give farmers and ranchers flexibility to adopt practices in a market-based approach.

Farmers and ranchers are already good stewards of water and land, but the 2018 farm bill, the Agriculture Improvement Act of 2018, provided expanded conservation programs that could increase conservation initiatives. The goal is to improve water quality and wildlife habitats and populations, protecting natural resources, and providing many other benefits. The conservation title of the 2018 farm bill spends \$60 billion of the \$867 billion of mandatory funding required for conservation programs over ten years, equal to 7% of the bill's total projected mandatory spending in that time frame

Page 9



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Crocks, Lyon Coffee Wooden Bin, 2' tall plaster happy & sad clowns, 48" Vizio TV w/stand, Old Singer sewing machine 5+ China Cabinets, Duncar Phyfe dining table w/6 chairs, 4 Santa Fe Wooden office chairs Blonde Bedroom Set, antique furniture pieces (some in need of love), telephone stand, cast iron foot rests/stools, piano stools, old mantle clocks, Children's rockers & chairs

This is just a small sample of the items available. Two rings will run on Saturday. Mildred was well known for her multiple collections. From Disney figurines to political memorabilia to railroad collections, Depression era glass, Fenton glass and beyond. The overall quality is above average & the love of what she collected shows. If you're looking for good & unusual pieces, this is the place to come. Visit our website for pictures.

THE ESTATE OF MILDRED PROUTY Kevin Smith, Beneficiary

Website: www.auctionspecialists.com Auction ğ. Vern Koch, Auctioneer/Realtor: Specialists, LC Mike Flavin, Auctioneer: 316-772-2011 Newton Kansas





Corey Powell 317 NE 14th Abilene, KS 785-263-0600



Bethany Swafford 1323 18th Street Belleville, KS 785-527-5664



Patrick Budy 129 N Nettleton Bonner Springs, KS 913-543-4530 913-422-6622 (fax)



Justin Tadtman 535 Court St. Clay Center, KS 785-632-2585 785-587-7830 (cell)



Matt Machin 535 W 6th Street Junction City, KS 785-762-4213



Joe Wilson 2815 Anderson Ave. • Ste C Manhattan, KS 785-537-0339 316-617-1623 (cell)



Quint Huncovsky 2815 Anderson Ave. • Ste C Manhattan, KS 785-537-0339 785-259-4122 (cell)



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Jim Waters 1003 Lincoln Wamego, KS 785-456-7627 785-456-3449 (cell)



Brice Leonard 418 C Street Washington, KS 785-325-2227 785-325-2358 (cell)

Contact an agent near you today!

Page 10 Grass & Grain, May 25, 2021 pays to know what your farm liability insurance covers with the insurance agent.

Without regular policy checks, farm liability insurance might be like a hospital gown - not

enough coverage where you need it most. Thoroughly read your policy regularly and check

for gaps and needed updates, says University of Missouri Extension economist Ray Massey. "Plan-

press: metal chop saw: older

Model T-20 Twentieth Century

welder, works good; assorted

wrenches, chains, shovels, ham

mers & other hand & power

tools; creeper; 6" bench vise

new Performance tire changing

tool stand; fuel containers; 100 gal. round hand pump fuel tank; 300 gal. fuel tank with stand; 25

gal. 12v sprayer, good; 10 Forc

tractor suitcase weights; several

sheets of new 16' galvanized tin; pile of good used 14'-16' galva-

nized tin; pile of assorted 2x4s & 2x6s; 7 1/2'x16' open back truck

GUNS

Stevens Model 15A single shot 22

rifle; Winchester pump Model 06

22 rifle (broken stock); Stevens

410 single shot shotgun (cracked

stock); New Nitro 12 ga. single

shot shotgun; Stevens double

barrel 12 ga. shotgun (needs

trigger guard); Winchester Model

1897 12 ga. pump shotgun with

broken receiver; very old Daisy

Red Ryder BB guns, with broken

ANTIQUES, COLLECTIBLES

& HOUSEHOLD

Parsifal Melodeon vintage

squeeze accordion (made ir

East Germany), good shape; A Noble Product Worlds Finest

Noble Accordion, good shape; older Conservatory Violin in case

(needs strings); The Talk-O-Phone hand-crank record player

Company of Toledo, Ohio record

player with records, horn & extra

needles, patent April 9, 1901

Tasco telescope 302675 D/60

millimeter F/900; old Cushmar

1-cylinder motor scooter, not

running today; Dempster hand

well pump with handle; CB base

radio: love seat: recliner: otto-

man; 2 microwaves; assorted

stock

van box (needs floor repair).

ning is important, but even the best plans do not always succeed in managing risk," he says.

Massey and Barry Langford, a law instructor in MU's Division of Applied Social Sciences, recently updated MU Extension's Farm Liability Insurance Guide, available for free download at extension. missouri/g455.

Most farmers purchase farm liability insurance to cover expenses from farm accidents - the kind that they lie awake at night worrying about: a cow that jumps a fence and gets hit by a car on the road, or a visitor who trips and breaks an arm. Other "acts of God" policy clauses for unintended consequences are trickier.

Types of farm liability insurance

There are three common types of farm insurance: property insurance, general liability insurance and workers compensation.

AUCTION

SATURDAY, MAY 29, 2021 — 9:00 AM Offering for sale at Public Auction, located at 208 N. Buller, GOESSEL, KANSAS

TRACTOR, BOAT, SHOP EQUIPMENT, FURNITURE & HOUSEHOLD

Ford 9N tractor, 3 pt., pto, new tires; 1961 Boston Whaler dual fiber-glass body 13' boat, 40 hp motor, depth finder, trolling motor; 3 pt.

blade; 3 pt. 2 btm. plow; 2-3 pt. dirt slips; 3 pt. carrier; 3 pt. cement mixer; shop built 7x10 2 wheel trailer, ramps; shop built tandem axle trailer; pickup bed trailer & toolbox; 8 hp log splitter on 2 wheel

gear; Dixon ZTR 311 mower, catcher; Dixon mower parts; 3-Stihl 011AV chainsaws; Stihl 009 chainsaw; Stihl pole saw; Craftsman

blower/vac; pressure washer; 3-sm. gas engines; Hobart Handler

135 welder; 10" table saw; Central Machinery band saw; 3.5 hp air

compressor; shop table w/vise; platform lift; Ridgid band saw; 3 ton

floor jack; Pittsburgh hoist; miter saw & table; Central Machinery 16 spd. drill press; Ig. vise on stand; battery charger; lumber & particle

boards; 4 ton port-a-power; Milwaukee portable band saw; 100

cord; Ryobi cordless tools; impact drill; air staplers & nail guns; 4" grinders; routers; floor jacks; 1/2" drill; socket sets; toolboxes; end

wrenches; bench grinders; bar clamps; organizers; hardware; slide

hammer; fishing equipment; ladders; garden hose; fountain; lawn decoration; Purple Martin house; water pump; Huffy bike; Solex

motorized bike; BBQ; wash tubs; space heater; ammo boxes

Coleman camp stove; lanterns; shoves; forks; wheelbarrow; shop vac; lamps; glider rocker & ottoman; LG 36" flat screen TV; stereo

& cabinet; DVD's & CD's; hide-a-bed; dbl. bed & chest-of-drawers

table, leaves & 6 chairs; folding table; lg. wooden storage cabinets

end tables; hand made decor; craft items; sewing supplies; buttons

fancy work; linens; bedding; sewing machines; art work; Christmas decorations; high chair; cookbooks; 100+/- Fiesta Ware; Copper molds; pots & pans; sm. appliances; file cabinets; ping-pong table;

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AC units; china set; Sterling Silver; & more.

Exclusions It is important to know what your policy covers, but it's just as important to know what it does not cover, says Massey. "Understanding exclusions in general farm liability insurance can prevent the

insured from potentially disastrous surprises," he says. Common exclusions

include farmers market sales, agritourism, boarding dogs or horses, nonfarm activities such as snow removal or landscaping, custom farm work. and spraying chemicals on your own farm or under contract for others.

New technologies

Few policies cover new technologies that create risk, Massey says. "Consider drones, for example," he says. "Are they an aircraft, or does an aircraft require an onboard human pilot?" Another is pollution. Pollutants may not be covered, but the definition of a pollutant is a broad subject to discuss

There is renewed interest in liability insurance due to damages caused by off-target movement of dicamba. It is critical to understand these insurance exclusions related to chemicals, says Massey.

Purchase endorsements, additions or riders to policies for special circumstances to cover exclusions as needed, says Massey. Umbrella policies also provide additional liability protection.

Negligence

Farmers also must know rules about negligence, which can void liability insurance claims. Negligence includes illegal activities, fraud and intentional damage. Honesty remains the best policy when filing claims and in other activities, says Massey, so avoid misrepresenting or omitting facts on the application and claims.

Who is covered?

Always confirm who the policy covers. The policyholder is always included, but ask about legal business entities operating as the business of the policyholder and relatives.

Most policies cover employees, but verify coverage for seasonal and shortterm employees. Know if and how your policy covers independent contractors such as custom farmers or sprayers, as this is a complicated area.

On and off the farm

Know if your policy covers accidents on the road. This includes equipment as well as trucks or automobiles used as part of the farm business.

Review and update often

Make it a practice to annually review policies and advise your insurer of changes in operations and number of employees. Review premium and coverage amounts and consider the current economy and protection needs for the stage of your life. Failure to purchase sufficient coverage for business size and activities can have severe consequences for the financial health of the



SATURDAY, JUNE 12, 2021 - 10:00 AM * Lunch on Grounds AUCTION LOCATION: 12245 Booth Creek Road - OLSBURG, KANSAS. 1/4 mile East of Olsburg to Carnahan Road, then 5.4 miles South to Booth Creek Road then just West on the North side OR from the North side of Manhattan on Hwy. 24 take Hwy. 13 North and East 5.2 miles to Carnahan Road, then 5.6 miles North to Booth Creek Road, then just West, SALE ORDER: Tools, Livestock, Machinery, Vehicles, Guns, Antiques good; small Black & Decker drill **TRACTORS & MACHINERY**

RETIREMENT FARM MACHINERY AUCTION

International 1086 dsl trac-tor with cab, TA, 3 pt. hitch, dual hvd.. shows 6626 hrs. SN-F108626101774027607. sounds good; pair of 18.4x38 axle mount duals, good; Farmall 706 dsl open station tractor, SN-568SY, shows 8127 hrs., factory 3 pt., dual hyd., dual PTO, new batteries, looks good; H-Farmall gas tractor with shopmade wide front, runs good; Vermeer model 605F big baler with hyd. tie and Tucker wheels; New Holland 456, 9' trail-type mower; New Holland 259, 5-bar hay rake with new rubber mount teeth and dolly wheels; pop-up bale loader; Graves hand winch 2-wheel big bale mover; New Holland 488, 9' pull-type swather: Allis Chalmers 4-row pull-type planter with fert. boxes, good shape, shedded; Oliver 4x16" steerable plow; IHC No. 45, 14' VibraShank with 3 bar tine harrow; John Deere E-1000 12' heavy duty field cultivator with walking tandems & 3-bar tine harrow; 9-shank Krause 3 pt. chisel; 12' JD EHIBI tandem disc with cone blades & 2-bar tine harrow, good; McCormick IHC No. 10 16-hole grain drill with hyd. raise & fert., good; MM high steel wheeled 16-hole grain drill with fert.; Kewanee 250 Super Shank fold up pull-type springtooth; 7' trail-type rotary mower, rough; trail-type loady sprayer with 300 gal. poly tank & hand gun; 30' PTO bale elevator, good; 8' 3 pt. blade; shopbuilt 2-wheel wooden box trailer; heavy truck frame & wheels flat trailer with hoist; Winkel 3 pt. 2-prong bale spear with gooseneck ball hitch, good; heavy duty Westendorf loader bale spear, good; 3 pt. Quick hitch.

VEHICLES & TRAILERS 2000 2500 GMC 4x4 pickup with good Hydra Bed bale bed, AT,

SL cab, 334,981 miles, running boards, rebuilt front end, still runs good; 1988 Chrysler Fifth Avenue 4-door car with partial vinyl top, 149,780 miles, AT, full power, looks & runs good; very good 2005 20' PJ tandem axle gooseneck flat trailer with ramps double jack stands; 1978 W-W 16'x5' bumper hitch stock trailer with good floor.

SALVAGE ITEMS

International 1600 Loadstar 2-ton truck with 16' bed & hoist, all complete, not running today; 1998 Chrysler Town & Country mini van. complete but has transmission problem; New Holland 405 trail-type 9' mower; New Holland 851 auto-wrap big round baler; 2 new chain bars for New Holland baler; JD FB-B grain drill; VanBrunt grain drill; (2) 4-wheel wagon gears; several other pieces of machinery for iron: large pile of scrap metal: 26" combine rims; 1986 Ford F-250 4x4 pickup, complete with 5.8 motor; 800 Massey Ferguson combine with cab & 12' platform; Chevy or GMC 8' pickup bed.

LIVESTOCK EQUIPMENT Filson squeeze chute on wheels with self-catch head gate (needs new floor), otherwise good: (5) 12' Priefert 6-bar portable panels, like new; (5) 10' metal tubing panels, good; (4) 10' poly lined grain bunks; (3) 5 1/2' tall shopmade metal panels, 14' & 16' long: 6' galvanized stock tank: 2 round bale feeders; several steel posts; assorted vet supplies; loading chute (needs new wood); metal stock racks for straight truck

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books: 2 exercise bikes: office wheels, very good; Craftsman Professional 10" radial arm saw, chairs; Ty toys; aluminum storm windows

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F17 | 1984 John Deere 4850



F38 | 1966 International 1206 Diesel FWA

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F25 | 1972 John Deere 4620 Diesel FWA



F44 | 1972 John Deere 4320 Diesel FWA





1970 International 1456 Turbo Wheatlan



F34 | 1969 John Deere 2520 Diesel Hi-Crop



F91 | International 3688 High Crop

SCHEDULE

PREVIEW: Thursday, June 3 from 1-5 PM AUCTION: Friday, June 4 at 10 AM Gates open at 8 AM



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.

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Online Only Property Auction (Ends Thursday, May 27, 6 PM) - 5.2 acre m/l farmstead (Home, KS) consisting of a ranch-style 3 bedroom, 2 bath, full basement home for Alan J. & Rochelle A. Loeffler Estates. www.Midwest-LandandHome. Auctioneer: Mark Uhlik, broker/ auctioneer; Jessica Leis, agent.

Online Auction (lots begin to close at 2 PM June 1) — 350+ lots consisting of John Deere mower, tools, Roseville pottery, railroad collectibles & antiques, household, electronics & more held at GriffinReal-EstateAuction.com for property of the late late Floyd & Lavonne Prior. Auctioneers: Griffin Real Estate & Auction.

No-Reserve Online Auction (Begins closing Tuesday, June 8 starting at 10 AM) — Allis-Chalmers Collector Auction including 1975 Allis-Chalmers 200 2WD tractor, 1969 Allis-Chalmers 220 2WD tractor, 1938 Allis-Chalmers B 2WD tractor & more Vintage tractors & equipment held at www.SullivanAuctioneers.com (physical address Leavenworth) for Rick & Josh VanTuyl. Auctioneer Managers: Cody Holst & Matt Sullivan.

Online Only Property Auction (Ends Thursday, July 8, 6 PM) - 3 Commercial Buildings (Haddam, KS) consisting of tract 1: 2-story school building; tract 2: relocatable office buildings; tract 3: warehouse structure & prefabricated storage shed; tract 4: entire property as a whole. Seller: Haddam Alumni Association. www. MidwestLandandHome. Auctioneer: Mark Uhlik, broker/auctioneer; Jessica Leis, agent.

May 25 — Real Estate consisting of a house with 4 conforming bedrooms, 2 baths, nice deck, walk-out basement and great backyard near Wamego middle

lectibles. Held at Sylvia, KS for Henry Hall Estate. Auctioneers: Morris Yoder Auctions.

May 29 — 1997 Ford Ranger XLT pickup, MTD riding lawn mower, antiques & collectibles including coins, Fiesta & Frankoma, glassware, crocks, records, games, toys, JD toy tractors & more, furniture, tools & miscellaneous held at Council Grove for Karyl Osbourn. Auctioneers: Hallgren Real Estate & Auctions, LLC.

May 29 — Consignment auction held at Salina. Auctioneers: Wilson Realty & Auction Service.

May 29 — Tractor, boat, shop equipment, furniture & household held at Goessel for Henry "Pete" (Patricia) Ediger. Auctioneers: Van Schmidt Auctions.

May 29 — Commercial grade kitchen equipment, taxidermy, advertising pieces & much more held at Manhattan for HCI Hospitality & Dave Dreiling. Auctioneers: Foundation Realty, Morgan Riat.

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

May 30 — Glass & collectibles including 150 paperweights, 75 water sets. Toby mugs, 60s carnival collection, crocks, clocks & more, furniture, OshKosh B'Gosh sign, Rusty Jones Container on Wheels held at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.

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

June 4 — 125 Antique Tractors including muscle tractor models from John Deere, Massey Ferguson, Case, International Harvester, Oliver and Allis Chalmers held at Solomon for The Abilene Machine Collection. Auctioneers: Mecum Auctions' agriculture branch Gone Farmin'.

June 4 & 5 — Toys of all kinds from the 50s & 60s, 100+ Vintage KS license plates, holiday items, 75+ sports cloth pendants, glassware, Santa collection, Newton memorabilia, crocks & more; appliances. furniture & much more held at Newton for The Estate of Mildred Prouty (Kevin Smith, beneficiary). Auctioneers: Auction Specialists, LLC., Vern Koch & Mike Flavin.

Real Service.

June 5 — 2001 New Holland tractor with loader, AC 5040 tractor with loader, 2002 Dodge Caravan, Honda Sportsworks Chuck wagon ATV, 1984 Ford pickup, 1958 Edsel, 1951 Studebaker truck, Studebaker Champ pickup, 55-56 Ford Crestline, golf cart, backhoe, small farm equipment, shop tools & a few collectibles held at Holyrood for Edgar Lanzl. Auctioneers: Oswalt Auction Service, Bill Oswalt.

June 5 — Welders, tools & shop items, hunting & outdoor items, trailer, antiques & collectibles, kitchen items & appliances, household & more held at Abilene for Estate of Joseph Graves. Auctioneers: Gray's Auction Service, LLC, Gerald Gray & Kelly Rock.

June 5 — Tools & equipment, collectibles, knives & reloading held at Salina for Jesse Hughes Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 5 — Antiques, furniture, primitives, household & more held at Wamego for Larry Bolyard & his late wife Carla. Auctioneers: Foundation Realty, Morgan Riat.

June 6 — Furniture, antiques & collectibles held at Salina for Jerry Olson Estate & Kandie Olson. Auctioneers: Thummel Real Estate & Auction, LLC.

June 6 — Estate gun auction including a nice variety of approximately 240 high quality guns, gun safes & ammo held live at Salina with online bidding available. Auctioneers: Wilson Realty & Auction Service.

June 8 — 4-wheeler, boats, golf cart, mowers & trailer, mounts, fishing, reloading equipment, ammo, tools & other held at Scandia for Dean Milner Estate. Auctioneers: Thummel Real Estate & Auction, LLC.

June 8 — Land auction consisting of Tract 1: 168 acres m/l Dickinson County productive till, 13 acres m/l hay meadow & 8 acres m/l waterways; Tract 2: 36 acres of timber/creek & meadow with great hunting held at Woodbine for Allen Knopp Trust. Auctioneers: Horizon Farm & Ranch Realty, LLC, Ray Swearingen.

June 10 — Real estate

for Roger & Sherry Bengtson. Auctioneers: Baxa Auctions, LLC.

June 12 — Tractors & machinery, vehicles, trailers, salvage items, livestock equipment, mower, generator, shop tools & miscellaneous, guns, antiques, collectibles & household held at Olsburg for Flovd & Julie Munson. Auctioneers: Cline Realty & Auction, LLC.

June 12 — Household goods & miscellaneous at Clav Center for Myrtle (Mrs. Allen) Baxter Estate. Auctioneers: Kretz Auction Service.

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

June 12 — Tractors, tools, trailer and equipment, North of Overbrook, KS. Property of the late Jim Zimmerman -Patti Zimmerman, seller. Auctioneers: Wischropp Auctions.

June 15 — Real Estate & personal property consisting of T1: Home with 10 acres m/l: T2: 80 acres m/l with some crop group, hay meadow and waterways, some timber and a pond; also selling farm equipment, tools, shop supplies, household, collectibles & miscellaneous held at Maple Hill for Bill & Dorothy Eaton. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 19 — Tools, shop equipment, mower/tractor, iron, antiques, household & more held at Topeka for Judy Hilbish & The Late Olin Hilbish. Auctioneers: Foundation Realty, Morgan Riat.

June 21 — Internet Only Land Auction consisting of 208 acres (land located 5.5 miles North of Admire) held at UCGreatPlains. com/auctions. Auctioneers: United County Real Estate, Great Plains Auction & Real Estate, Lance Fullerton.

June 26 — 2020, 2017, 2013 Kawasaki utility vehicles, 2013 Kubota L3540 tractor with loadr, patio grills, 2005 Chevy pickup, equipment, tools & household items held at Newton for Larry Reber Estate. Auctioneers: Auction Specialists, LLC., Vern Koch & Mike Flavin.

August 7 — Farm machinery, tools & miscellaneous held near Green for Ray & Diane Lykins. Auctioneers: Kretz Auction Service.



VANIS/AS

I have been traveling

the winding roads of my

childhood, dark ribbons

through a sea of green -

trees, grass, vines, flowers,

shrubs -so much green it

is not possible to measure.

It is as if every green thing

had spilled on the coun-

tryside. The mountains look as if a lush green vel-

vet blanket has been laid

across them. Like Baby's

Breath in a bouquet, the

pink and white Mountain

Laurel blossoms and soft

white blackberry bushes

only serve to accentuate

the living green of the

Daddy was a preacher man. He stood in the pul-

pit, the sing-song of his ser-

mon washing over us like

the warm water of the Jor-

dan, and spoke of the "hills

arrayed in living green."

We were nestled in those

in laurel thickets. The

twining trunks were bare

four or five feet high,

like a manicured topiary,

and then the foliage and

blooms formed a cano-

py that only the heaviest

rain could penetrate. We

swept the leaves from the

ground and designated a

living room, bedrooms, and

a kitchen. A bright king

snake crept into our "liv-

ing room" one day and our

faithful collie/shepherd

everywhere this year; my

sister and I allow we have

never seen so many. One

time, Granny, Grandpa,

and I went to visit Aunt

Lou Em who had a black-

Blackberry bushes are

mix jumped between us.

Our playhouses were

countryside.

very hills.

AROUND

berry thicket with old vines rising ten or twelve feet tall. We put on rain boots and long sleeves shirts to protect us from ticks and thorns. We picked ripe blackberries until we had overfilled every tin bucket and my face and hands were stained with juice.

The blackberry vines line every fence, promising berries that will become dark jams and warm sonkers, a dish somewhat like a cobbler that is distinctive to this region,

Here, in the western reaches of Virginia and North Carolina, where the roads curve against the hillside, crossing back and forth across the state line, the trees nearly touch the sky. They are so tall you have to back up, back way up, to get the entire tree in a picture.

I miss tall, tall trees.

My sister and I have always loved roads, a trait we inherited from our Daddy. After church on Sundays, we often rode up and down the backroads, taking unfamiliar routes until we knew them, too. Every road brings a memory now, even those we really don't recall are known to us on some subliminal level.

This green, these lau-rels, these blackberry vines, these curves, these peaks - these are imprinted on my DNA as surely as dark hair and short stature.

I am grateful to be able to come back and travel these roads.

Deb Goodrich is the co-host of Around Kansas, along with her friend, Michelle Martin. Deb is the Garvey Texas Historian in Residence at the Fort Wallace Museum and the chair of the Santa Fe Trail 200. Contact her at author.debgoodrich@ gmail.com.

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

* Due to new printing deadlines, all AUCTION ADS have to be sized by Noon and ads submitted after 11:00 AM will not be accepted.

Ad deadline IS NOW 11 AM. It is always recommended to try and submit auctions by the end of Thursday for proofing purposes.

Deadline for the Free Auction Calendar is 11 AM each Thursday. You are welcome to send your listing as soon as you have it and before advertising starts.

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



school held at Wamego. Auctioneers: Crossroads Real Estate & Auction, LLC

May 27 — Tractor, pickup, implements & horse trailer, mowers & tools, household & collectibles held at Concordia for Evelyn Miller Estate. Auctioneers: Thummel Real Estate & Auction, LLC

May 27 — 24th Oil & Gas auction consisting of operations, royalties, working interests, overrides, minerals & more held online & Live at Wichita. Mid-Continent Energy Exchange. www.MidContinentEnergy-Exchage.com (mceeonline. com).

May 27 — Real Estate and Personal Property auction including vehicles, buildings, tractor, 3-pt equipment & misc. farm items, lawn & garden, household and col-

June 5 — Household goods, antiques & miscellaneous held at Clay Center for The Estate of Ruth A. McNish & Justin Wayne McNish. Auctioneers: Kretz Auction Service.

June 5 — Antique gas pump, farm equipment, trailers & truck, harness & horse equipment, farm miscellaneous, antiques & collectibles, incubator, household & miscellaneous held at Burlington for Doris McBride. Auctioneers: Kurtz Auction &

consisting of 41.8 acres m/l of rolling hills and timber located between Wamego and St. George. Great recreational or potential building site held at Wamego for Linda Bobey. Auctioneers: Crossroads Real Estate & Auction, LLC.

June 12 - Real estate consisting of 3 bedroom 2 story home with 1 1/2 baths on 5 acres m/l; Also selling personal property consisting of vehicles, trailers, yard equipment, furniture, appliances, tools & miscellaneous held at Chapman for Art Flaaen & Theresa Jaime Estates. Auctioneers: Brown Real Estate & Auction Service, LLC.

June 12 — Tractor, Polaris, truck, pickup, equipment, outdoor, furniture, Mitchell Auto repair manuals, lots of antiques & collectibles held at Gypsum

covered boxes; Carnival bowl;

Pyrex; Jewell T bowls; cups

& saucers; assortment china;

collector plates; steins; 4 qt.

churn; sad irons; viewer; plates;

clocks; cream cans; 4 gal West-

ern clock; 1 gal Western jug;

Christmas items; color wheel

records; wood ironing board;

yard art; assortment other col-

lectibles. Household inc: lift

chair; recliner; rocker; several

chest's of drawers; jewelry cab-

inet; Sears sewing machine;

60's roll top desk; modern stack

bookcase; maple kitchen table

w/4 chairs: 60's cabinets: cedar

chest; metal 2 door cabinet; ex-

ercise bike; kitchen items; yard

furniture; luggage; large assort-

ment of other glass and house-

hold items.

THURSDAY, MAY 27, 2021 — 10:30 AM Auction will be held at the home at 1795 N. 160 Road in Concordia, KS (1/2 mile South of the Fairgrounds on the East side of Concordia).

TRACTOR, PICKUP, **IMPLEMENTS & HORSE TRAILER**

Ford 641 tractor w/loader 4' bucket, 3 point; 1979 Ford F 150 Custom 4 wheel drive flatbed pickup, 351 engine, automatic, shows 97,000 miles; Miley tandem axle 2 horse covered trailer: 2 bottom 3 pt. plow; 2 wheel manure spreader; 3 pt. blade; 3 pt. Continental post hole digger; flat harrow

MOWERS & TOOLS John Deere X534 riding mower near new; John Deere lawn trailer; Cub Cadet mowers (129; 123; 126; 122 for parts); DR trimmer; Toro push lawn mower; Yard Man mower; wheel barrow; Homelite chain saw; fertil-

izer spreader; Werner 1124-2

extension ladder; 8' step ladder; Snap On tool box; floor jack; assortment hand tools; battery charger; C clamps; jack stands; bench grinder; parts cabinets; many hand tools; blower; metal ammo boxes; yard tools; assortment of other items. **HOUSEHOLD & COLLECTIBLES** Schwinn LeTour Tourist bike; 5 saddles inc: 2 child's; horse rings; 3 wooden wagon wheels; well pump; pedal grinder; coaster wagon; iron wheels; painted high chair; oak parlor table; pr. metal lawn chairs; copper boiler: Winchester 150 lever 22 s,I,Ir; Ithaca M4 22 s,I,Ir; Ranger 12 ga. double barrel; mantel clock; assortment costume jewelry; toy stoves; assortment dolls; doll china; Pepsi clock;

EVELYN MILLER ESTATE

Note: Check our web site for pictures at www.thummelauction.com. There are many items, this will be a large auction. Be safe, if you are not feeling well please call in your bids to 785-738-0067. Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067

GLASS & COLLECTIBLES 150 Paper weights; 75 water sets; many Toby mugs; many table sets; Iris & Herringbone sets; butter dishes; hen on collections; nest covered deer collections; 60's carnival collection; Shriner pieces; cane collection: canvas ducks w/glass eyes; many brass items; several train cars and 5903 & 3100 engines; crocks inc: 2, 3 & 10 gal Red Wing;

Seth Thomas mantel clock; oak Kellogg wall telephone; fancy hanging lamp; coaster wagon; baby buggy; small display case; assortment of other collectibles.

FURNITURE

Dental cabinet; oak hall seat; French curio cabinet & lamp table; wash stand; oak Hoosier type cabinet; cherry wardrobe w/mirror; oak flat glass secretary; dish cupboard; pine corner cabinet; 3 drawer dresser: treadle sewing machine; floor model radio; Duncan Phyfe table, chairs & china; kitchen display cabinet; small counter 2 door display; Coca Cola metal shelf; display case.

OSH KOSH B'GOSH SIGN; **RUSTY JONES** CONTAINER ON WHEELS

NOTE: This is a collection of 2 estates that collected many years. The glass, paper weights, water sets, Toby mugs are very quality and is a 50+ year collection of 1 estate. Check our web site for pictures at www.thummelauction.com. Please wear your mask at the building for your safety.

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

SATURDAY, MAY 29, 2021 — 9:30 AM Auction will be held at 617 W. Court in BELOIT, KANSAS

TRUCK, TRAILERS, EQUIPMENT 1968 Chevrolet C50 service truck, 366 engine, 4-2 38P Browning transmission very low millage w/crane, tool boxes, air compressor; 1995 Ford E350 w/16' box van dually, automatic; 2001 Dodge Durango SLT V8, automatic; 1986 Hillsboro gooseneck tandem 6'x20' covered stock trailer; 5'x16' 1/2 covered tandem axle stock trailer bumper hitch; Ditch Witch R30 w/backhoe & loader; Ditch Witch R30 trencher; Ditch Witch R40 for parts: Yanmar 155D-53708 tractor 4 wheel drive 3 pt; H&H 16' tandem axle trailer; John Deere 224ws square baler; Mydhandy cattle squeeze chute w/headgate; 2004 Craftsman lawnmower; Atlas 5 hp snow blower; Poulan weedeater; 1999 ROLC boat trailer; Mercury 500 boat motor: Wards cement mixer w/electric motor; 5' loader bucket; 12-12' cattle panels; 150 T posts; electric fence posts & wire: 100 gal water tanks.

TOOLS & HOUSEHOLD Large assortment hand tools (Matco, Mac, Snap-on, SK, Irega); several Snap-on special tools; air tools; wrenches; impacts; sockets; Snap-on roll-

ing cart tool tray; Lincoln SP wire welder; Lincoln welder w/ generator engine needs work; Miller Spectrum 375 plasma cutter; Snap-on cooling system tester; Snap on bolt grip puller set; Snap-on gear puller; Craftsman grinder; Chicago 3' x 21' belt sander; DeWalt 5' orbit sander; 2 hp Skill saw; Snap on crowfoots; Cen-Tech laser; Snap On MT33B testing; Delta shop master; Lincoln jack; Snap On timing & Advance light; Mac power steering pump/alternator/pullev remover/ installer set: Snap on compression gauges; Mac ET120A LED circuit tester; table saw; wet saw; belt sander; router; Chicago 14: cut off saw; Chicago 1/2" low speed drill; Laser photo tach; Rigid 36" wrench; Milwaukee heavy duty T dial; Chicago 1/2" VSR drill; Matco 4 ton porta power; Irega & Wright 24" wrenches; Central Tools dial indicator; DC inductive timing light; Dillon dynamometer: tap & die set: pneumatic fan clutch wrench set; torque angle gauge; transfer punch sets; torque wrenches; Engine stand; welding tables; Snap On mirrors, cups; creeper; Winchester tool set; dent puller;

turn signal cam; jack stands; small wheels & axles; aluminum Magnefix jaw caps; engine stud kit; transmission cooler; USA hose power; New 10' x 17' portable garage; 75 gal fuel tank; assortment engine parts inc: performance parts; headers; O rings; saw blades; assortment screws & bolts; California mirrors; Engine books; hydraulic control values: A O Smith AC motor; Coleman cooler 54; Household: mini fridge; 50" TV; entertainment center; Spectra gas oven: twin bed: coffee tables; Atlanta Homestead wood stove; Antique dresser; kerosene lamps; assortment die cast models; vintage light fixtures; vintage luggage; sound system; gun case; shell reloading kits; Winston & Coleman camp grills; wall lanterns; exercise equipment: wheelbarrow: ladders: upper cabinets; tin; lumber; shingles; cement blocks; red bricks; electrical supplies; wiring; sand paper: clothes line poles: trailer cover; laminate flooring; floor tiles; electrical boxes; cooktop fan; driver, passenger middle seats: bifold doors; bathroom sink & stool; very large assortment of other items.

DWAINE CHINANDER ESTATE

NOTE: This is a very large auction, there is a large number of good tools. There are many toys and other items. Check our web site for pictures at www.thummelauction.com. For your safety, please wear your mask. Cash, checks and credit/debit cards accepted as forms of payment. A 2% convenience fee will be added to credit/debit card transactions.

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



I wanna tell y'all a true story that happened to a friend of mine. Big Jim was judgin' the rodeo at Burlington last year. They call him Big Jim 'cause

he's big as a round bale and twice as tough. But he don't move quite as fast as he did in his ol' bronc ridin' days.

Big Jim always had

a way with animals. He roped a skunk one time when he was a little boy and drug it home. His dad made him unsaddle a hundred yards from the house. Jim said his ol' pony walked right into the pond and stuck his whole head under the water . . . several times. He finally sold the saddle. Two years later. In the winter.

They claim him and his dog, Pat, cornered a 300-pound. wild boar in a thicket, unarmed, and did him in with his Barlow.

animals behavin' peculiar around him.

The stock contractor told Jim that his blue mare would buck out and come round to the right. Jim positioned himself to see when the saddle bronc rider marked 'er out. The rider called for the horse.

Out they came, pitchin' and rollin'. The cowboy was spurrin' fer all he was worth and the ol' mare was feelin' her oats. She bucked toward Big Jim. He backed up 'til he was

TAN MARA

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So Big Jim is used to backed up against the front of the chute.

Ol' Blue stuck her head right against Big Jim's chest and pinned him to the fence! She had her mouth wide open and was sqealin' like a cheerleader at the high school basketball finals. She was strikin' and pawin' and flailin' on both sides of his rigid body. Splinters and sparks were flyin' off both sides of Big Jim's head.

He daren't move a muscle. He was less than three feet from the dumbfounded bronc stomper who was still spurrin' like a hound dog in a gopher hole! They were lookin' at each other with Pekingese eyes.

Silver and horsehair was flashin' and flyin' in furious strokes as the rider continued to try and impress the judge. It can be said, he certainly had his attention. This continued for a three-second eternity then the mare fell back, wheeled and mule-kicked at the petrified judge. Both hooves hit the chute simultaneously on each side of Jim's head at eye level. Then she bucked off down the arena.

The other judge come runnin over. "Are ya okay? Could ya see what happened? Was he spurrin' on both sides? How'd ya mark'em?"

"Wull," said Big Jim, "I know the kids got the makin's of a bronc rider. He had his toes pointed out so far that from where I was standin' I could read 'genuine cowhide' on the soles of his boots!"

www.baxterblack.com

AFBF congratulates Jewel Bronaugh on her confirmation

American Farm Bureau Federation (AFBF) president Zippy Duvall commented May 14 on the Senate confirmation of Jewel Bronaugh as Deputy Secretary of Agriculture.

"AFBF congratulates Dr. Jewel Bronaugh on her confirmation as USDA Deputy Secretary. Not only is the confirmation historic, the bipartisan vote is an acknowledgement from both parties that she is focused on the needs of America's farmers and ranchers.

"Bronaugh's wide range of experience as Virginia's Agriculture Commissioner, as state director of USDA's Farm Service Agency and her work addressing mental health issues in rural communities will make her a valuable addition to Secretary Tom Vilsack's team as they tackle the challenges facing rural America."

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

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

RECEIPTS FOR THE WEEK: CATTLE

STEERS 59 mix Tampa 671 @ 133.00 300-400 \$178.00 \$ \$188.00 61 mix Minneapolis 896 @ 132.25 500-600 \$152.00 \$ \$162.00 60 mix Hope 979 @ 132.00 600-700 \$150.00 \$ \$160.00 11 mix Minneapolis 816 @ 122.50 800-900 \$135.00 \$ \$145.00 50 mix Hope 939 @ 128.75 900-1,000 \$116.00 \$ \$126.00 25 mix Beloit 921 @ 123.85 00-500 \$143.00 \$ \$140.00 Smolan 516 @ 50.00 900-1,000 \$124.00 \$ \$134.00 2 mix Lorraine 413 @ 152.00 700-800 \$117.00 \$ \$127.00 5 blk Tampa 501 @ 149.00 800-900 \$114.00 \$ \$124.00 26 mix Falun 433 @ 168.00 2 mix Tampa 410 @ 182.50 9 red Smolan 522 @ 142.00 2 mix Tampa 430 @ 168.00 2 blk Salina 538 @ 139.00 2 mix Tampa 558 @ 156.00 2 blk Salina 588 @ 139.00		NI	ECEIPTS FOR T		K: CATTLE	1
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Livestock Commission Co., Inc. Salina, KANSAS

SALE BARN PHONE: 785-825-0211

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

THURSDAY — CATTLE ONLY

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

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

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

1 Char	Salina	190@360.00		COWS	;
1 blk	Mcpherson	190@260.00	1 red	Barnard	1630@76.00
1 blk	Mcpherson	100@160.00	1 blk	Marquette	1410@75.50
			1 red	Canton	1640@75.00
	BULLS		2 mix	Salina	1123@74.00
1 red	Geneso	2130@110.00	1 blk	Abilene	1535@73.00
1 blk	Barnard	1820@107.00	1 blk	Newton	1670@72.50
1 blk	Nickerson	2053@107.00	1 blk	Salina	1635@71.50
1 blk	Barnard	2585@103.50	2 blk	Durham	1670@71.50
1 blk	Salina	2305@103.00	7 blk	Ellinwood	1517@71.00
1 blk	Lost Springs	2170@101.50	1 blk	Little River	1565@70.50
1 blk	Newton	2045@101.00	1 blk	Goff	1605@70.50
1 blk	Lost Springs	2180@99.50	1 red	Marquette	1890@70.00
1 red	Geneso	1940@99.00	2 blk	Assaria	1455@69.50
1 blk	Miltonvale	2095@99.00	1 blk	Salina	1215@69.00
1 blk	Barnard	1875@98.00	1 blk	Carlton	1530@68.00
1 blk	Nickerson	1980@98.00	1 blk	Delphos	1625@68.00
1 blk	Newton	1960@97.50	1 blk	Miltonvale	1315@68.00
1 blk	Claflin	2310@97.00	1 blk	Marquette	1675@68.00

IN STOCK TODAY: • Heavy Duty Round Bale Feeders 42' ROUND BALE DUMP TRAILERS Heavy Duty 5000# Grain Tote

For Information or estimates, contact:

EARLY CONSIGNMENTS FOR **THURSDAY, MAY 27, 2021**

- 1 str, 900-1000 lbs.
- 1 str, 350 lbs.
- 58 mostly blk strs, 900-925 lbs., NS





Grass & Grain, May 25, 2021 Page 13

AFBF president Zippy Duvall stresses engagement in visit to Kansas

During his visit to Kansas last week Zippy Duvall, president of the American Farm Bureau Federation (AFBF), told Farm Bureau members of Kansas they must remain engaged at every level to succeed.

"I want everyone to know Farm Bureau is a three-legged stool," Duvall says. "County, state and national. Without one of those legs, we'll fall over and fail. There's value in every level."

Duvall says his visit to Kansas, like trips to other states, is how he stays connected to the reality of what members face on their farms and ranches every day.

"I think for me to really represent the members, I've got to come out and listen to them, talk to them, see what they're

Due to the Memorial Day holiday, delivery of the June 1 issue of Grass & Grain will be delayed. concerned about so I can better represent them in Washington," Duvall says.

Duvall started his visit Wednesday holding a discussion with Kansas Farm Bureau (KFB) staff in Manhattan. He also received briefings from officials at Kansas State University's Biosecurity Research Institute and the National Bio- and Agro-Defense Facility and spoke with members of the Kansas Ag Alliance in addition to spending time with board members of the Chase County Farm Bureau.

In the afternoon Duvall and KFB President Rich Felts toured Morris County rancher Kevin Gant's Flint Hills property on horseback, and had candid discussions about taxes, climate policy, infrastructure and livestock marketing, among other items.



American Farm Bureau president Zippy Duvall stressed the importance of staying engaged at every level for the organization to be successful. Courtesy photo

Felts says Duvall's visit, including his conversations with KFB's board of directors, shows the connection rural Kansas has to the organization's leadership in Washington, D.C. "It's so important for level so he can take those communications to our elected officials and others," Felts says. Duvall says the only

way agriculture will resolve the issues facing it is by looking forward. "In regard to how you

with the election or who's serving in Congress, the challenges are in front of agriculture, and they were going to be there anyway," he says. "The only way we can be sure they turn out in a positive way is to be engaged."



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the president to see what's "In regard to how you engaged." New study contributes to false narrative around animal agriculture

A new study claims air pollution from farms leads to over 17,000 deaths per year. According to research published in the *Proceedings of the National Academy of Sciences*, animal agriculture is the worst emitter, responsible for 80% of deaths from pollution related to food production, *Drovers* reports.

"The misleading nature of this study contributed to the false narrative around animal agriculture. Overall, the study — based on non-peer reviewed modeling and estimates — attempts to cultivate a misleading narrative that ammonia emissions from farms are responsible for thousands of deaths," Ethan Lane, NCBA vice president of government affairs, said in a statement.

The study, led by researchers at the University of Minnesota, Carnegie Mellon University, Oxford University, the University of Washington and the University of Illinois, said that damages driven by ammonia are mainly from livestock waste and fertilizer application. Primary fine particulate matter was also cited as a major contributor, largely from tillage, livestock dust, field burning and fuel combustion in agricultural equipment use.

"There are currently no federal emissions estimating methodologies for agriculture, which draws into serious question the accuracy of this study, one that plays fast and loose with the idea of cause and effect," Jim Monroe, National Pork Producers Council vice president of communications, said. "This is a highly suspect study that irresponsibly draws conclusions based on nonpeer reviewed modeling and estimates.'



STARTING 10:00 A.M. ON WEIGH COWS

FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

OFFICE PHONE 785-776-4815 • OWNER JOHN CLINE

Our CONSIGNMENTS can no	w be viewed after	12 Noon on M	londays by goi	ing to WWW. g l	assandg	rain.com & Io	gging onto the	e online :	subscription
We had a light run of cattle	e for our Burlingam	ne 5 blk	725@126.50	Westmoreland	d 1 blk	1255@60.50	BULLS –	- 1,675-2	,400 LBS.
sale held Friday, May 21st,	with not Westmore	eland 2 blk	590@123.50	Axtell	1 heref	1015@59.00	Leavenworth	1 Cross	1885@97.00
enough cattle of any class	to fully CC	OWS & HEIFER	ETTES	Westmoreland	d 1 blk	1325@57.00	Westmoreland	1 blk	1685@96.00
test the market. A good run	of weigh	— 950-1,750 L	.BS.	Clay Center	1 bwf	1085@56.50	Alma	1 blk	2090@94.00
cows and bulls sold from s	teady to Abilene	1 bwf	920@103.00	St. George	1 bwf	1350@52.00	Leonardville	1 blk	2395@93.00
\$2 higher on the kind offere	d. Westmore	eland 2 blk	962@101.00	Frankfort	1 Cross	1120@51.00	Desoto	1 blk	2185@89.50
	Onaga	1 blk	895@87.00	Wheaton	1 blk	1260@42.00	Leavenworth	1 blk	1895@85.00
STEER CALVES — 500-5	50 LBS. Centralia	1 Heref	1075@86.00						
Hoyt 7 Cross 510	@170.00 St. George	e 1 bwf	1095@85.00	EARL	Y CO	NSIGNM	ENTS FO	DR M/	ay 28
Olsburg 6 blk 540	@158.00 St. George	e 1 bwf	1695@74.00]
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Pamona 2 Heref 540	@131.00 Wamego	1 blk	1730@72.50	10-1			period. All ma		~
STEERS — 650-700 L	BS. Randolph	1 blk	1625@72.00	h. Sealand Server	24 - 000			King 50#	
Olsburg 8 blk 675	@136.00 Onaga	1 blk	1435@70.00		SE		XIMATELY 11:	30	
HEIFER CALVES — 350-5	50 LBS. Wheaton	1 blk	1175@68.00	• 70 big blk l			us sired late M		oril calves.
Olsburg 2 Cross 367	@159.00 St. George	e 1 bwf	1455@67.50				alves have had		· · · · · · · · · · · · · · · · · · ·
Hoyt 5 blk 501	@149.50 Auburn	1 blk	1405@67.00	11		•	, 25 with Angus	-	
Hoyt 4 Cross 537	@136.50 Onaga	1 blk	1225@67.00	week old c	alves, bal	ance are heavy	Springers and	l bred the	same way.
Pamona 3 Heref 451	@115.00 Onaga	1 blk	1300@66.00]
HEIFERS — 550-725 L	.BS. Wheaton	1 blk	1450@64.00	• 21 choice r	eputation	blk SimmAngı	us strs, weaned	60 days,	2 rds shots,
Olsburg 5 blk 557	@130.00 Alma	1 blk	1310@63.00	450-600 lbs					
Pamona 5 Heref 557	@128.00 Netawaka	a 1 blk	1090@63.00		eputation	blk bwf feeder	strs, 1 rd shots	s/ long we	eaned, 750-
	@128.00 Wheaton	1 blk		850 lbs.					

SUMMER SCHEDULE: June 11 - Regular Sale • <u>June 18 - NO SALE</u> June 25 - Regular Sale • <u>July 2 - NO SALE</u>

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Page 14 Grass & Grain, May 25, 2021 East Kansas Agri-Energy hosts plant tour for Governor Laura Kelly

East Kansas Agri-Energy (EKAE) hosted an hour-long tour and biofuels discussion with Kansas Governor Laura Kelly and members of her administration in Garnett on Wednesday, May 19, 2021.

Renew Kansas Biofuels Association chairman and EKAE CEO/president Bill Pracht and vice president of Operations Doug Sommer facilitated the tour.

"It was an honor to walk Governor Kelly and Kansas Secretary of Agriculture Mike Beam through our plant explaining our process for producing biofuels and showing them first-hand our impact on Garnett and the surrounding community," Pracht said. "As an industry, we've only ever requested a seat at the table with our decision-makers, but it means much more when they make an effort to put on a hard hat, walk around our facilities and speak directly to the people who work there."

Kelly, who has previously publicly acknowledged her administration's commitment to strengthen the biofuels industry in Kansas due to its environmental and economic benefits, relayed her admiration for the industry's resilience throughout the tour. "East Kansas Agri-Energy is on the cutting-edge of clean fuel production," Kelly said. "We will continue to partner with EKAE and additional stakeholders to make Kansas a national leader in ethanol and renewable diesel production."

EKAE converts more than 16 million bushels of corn a year into more than 45 million gallons of fuel grade ethanol. Along the way, the plant produces more than 200,000 tons of distillers grains, in both wet and dry form, for livestock producers every year.

Producing more than



Pine step back cupboard; pine wash stand; love seat; walnut curio cabinet w/marble top; 2 drawer oak commode; oak 3 drawer commode; walnut commode; 4 section oak stack bookcase; 20's bookcase; oak parlor table; 5 drawer pine chest; poster bed w/highboy; 20's walnut desk; vanity dresser; oak pattern rocker; corner curio cabinet; wall curio cabinet; ladies desk; sofa table; end table; floor safe; 3 drawer watch cabinet; iron single bed w/box springs & mattress; Hundreds of pieces of glass: Jadite; Fire King: Tulip; Blue; Green Depression; Red Ruby; White; Clear; Moon Stone; Lamp collection many miniature; Clock collection, mantel, wall, alarm, other; pocket watches; carousel collection; cat collection; wooden

churn; wooden coffee grinder; toy cast iron stove; dolls; Crown water cooler; black powder rifle & pistol; pellet guns; newer electric trains; coin books; assortment sewing items; large assortment Christmas; cook books; popcorn machine; exercise bike; grill; extension ladder; aluminum step ladder; yard cart; John Deere snow blower; assortment hand tools; very large amount of other items. Iarge auction. Check our web

Note: The Olson's collected glass for many years. This is a very large auction. Check our web site for pictures at www.thummelauction.com. JERRY OLSON ESTATE & KANDIE OLSON

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

REAL ESTATE & PERSONAL PROPERTY AUCTION THURSDAY, MAY 27, 2021 — 9:30 AM

LOCATION: 502 S. Shepherd St. - SYLVIA, KANSAS 67581



VEHICLES: 1948 (Stubby) 5700 Chevrolet Truck w/ 60k miles (ok); 2008 Toyota Corolla (engine-as is). BUILDINGS: 20' x 22' All Metal Carport; 10' x 12' All Metal Garden Shed.

TRACTOR, 3-PT EQUIPMENT AND MISC. FARM ITEMS: M Farmall w/ Loader; 6' Tiller; 8' Box Blade; 6' Box Blade w/ Rippers; 7' Whirlcut Mower; 6' Blade; 2 Row Planter; 7' Springtooth; 7' Disc; 3 Blade Sweep Plow; 7' Field Cultivator; 3 Bt Pull Type Plow; 1 Bt Sulky Plow; 1 Bt Walking Plow; Cement Mixer; Trailer Winch; 3 Pickup Bed Trailers; T Posts; Pump Jacks; Old Implement Seats; Wheelbarrows on Steel; Misc Tires; Floor Jack; Large Quantity of 1x Lumber. LAWN & GARDEN: 6' x 10' Lawn Mower Trailer; Small Lawn Trailer; Craftsman 6 Speed 42" Rid-

Small Lawn Indier, Gransman & Speed 42 Filoing Mower; Garden Cultivators; Fishing Supplies; Firewood; Misc Lawn and Garden Hand Tools; Pet Carriers; Patio Furniture; Steel Lawn Art; Old Iron Lawn Chairs.

HOUSEHOLD AND COLLECTIBLES: Kenmore Elite Washer and Dryer (like new); 2 Kenmore Upright Freezers; Galorie Refrigerator; Kenmore Sidex-Side w/ Door Dispenser; Dining Table w/ 6 Chairs; 2 LazBoy Recliners; Glider Rocker; 4 pc Queen Bedroom Suite (nice); 3 pc Bedroom Suite; Piano; Elna Quilting Machine; Large Selection of Material and Quilt Blocks; Misc Chairs; Entertainment Center; V1Z10-ECO 108P Flatscreen; Bookshelves; Knee Hole Desk; Sofa; File Cabinets; Lamps; Card Table and Chairs; Lots of Books; Silverware; Pots and Pans; Crocks; Cookware; Misc Glassware; China Sets; Pyrex Dishes; Office and Cleaning Supplies; *plus many more items not listed.*

NOTE: Everything sells from wall to wall, plus a very nice split level home & extra city lots. For more info on the Real Estate go to rigginhomes.com or call Morris Yoder Auctions for a private showing.





Governor Kelly recently toured East Kansas Agri-Energy LCC's ethanol and renewable diesel plant in Garnett, Kansas. East Kansas Agri-Energy LCC was the first ethanol plant in the world to add a renewable diesel plant. Currently, there are 12 ethanol plants in Kansas, which produce 610 million gallons of ethanol fuel annually. Accompanying the governor were Secretary Mike Beam, Kansas Department of Agriculture; Bill Pracht, President and CEO of East Kansas Agri-Energy; Ron Seeber, President and CEO of Renew Kansas Biofuels Association; Greg Krissek, CEO of Kansas Corn Growers Association; Doug Sommer, Vice President of Operations at East Kansas Agri-Energy; Jacob Debolt, Ethanol and Renewable Diesel Plant Manager at East Kansas Agri-Energy; Josh Roe, Vice President of Market Development and Policy at Kansas Corn.

just ethanol, the tour also included a behind-thescenes look at EKAE's newest innovation, a renewable diesel plant churning out renewable diesel from the corn distillers oil already produced from the ethanol-making process. "We are always thrilled when our elected officials,

when our elected officials, especially the governor, are supportive of our members and their busi-



Use code GRASSGRAIN for a discount. Also benefits Grass & Grain

blade; King cutter 5' 3PT mower; NH 451 3 point

blade, king cutler 3 ser i niowei, nr 451 s point Sicklebar mower; 8 Walden dozer blade; Universal mounts, was on a lnc tractor; AC post hole digger snap Cupler; AC carryall AC 2 bttm plow; AC small rd. baler; JD 400 grind/mix; NH 847 Chain Baler; GB 110 CT Idr. for NH 8630 tractor.

LIVESTOCK EQUIPMENT: 2-WH liquid feed tanks; Hog & cattle panels; 40+ pipe post; Various lengths stick pipe & sizes; COX creep

fdr.; 20' Heavy duty free standing panels som w/gates; Portable loading chute; 3PT bale un

roller: 4-10x20 steel livestock shelters: 3-20' a

steel windbreaks; 50+16' portable corral panels; Several 10' gates & feed bunks; Pick up stock racks; 3 Ton red <u>portable feed wagon</u> tandem

axle. SKID STEER ATTACHMENTS: Low

750 Skidsteer post hole digger 12" bit; Walkthrough 5250 LB Skidsteer pallet forks; 5500 LB Skidsteer Pallet; 72" & 84" Tooth skidsteer

Lb Skutsteel Pailet, 12 & 64 Tobul Skutsteel buckets: USA heavy duty rock & brush grapples; Skidsteer 2 spike heavy duty bale spike; Shop built heavy duty tree & post puller. **MISC**: 390-16² 2v45; Several sheets of used galvanized tin 8; New tin; Other dimensional lumber; SA 200

8°; New tin; Other dimensional lumber; SA 200 Lincoln pipeline welder on trlr.; Wheel wghts, front weights; Fire pit rings; AC three-point snap coupler adapter; Exzavator bucket; Fuel tank 110; Floatation tires, c turf tires & rims; Under bed toolboxes; 110 & 220 window AC units; 8x14 Garden shed need some repair; Niagara 35KW-20 KW PTO generator; New three phase 2 hp elc motors; New 1.33 hp elc motors; 802v4 8°; 16 2x6 8°; 15 Sheets 3/8 plywood; New Predator 8750 generator; New Predator 708 mL gas eng. 22 hp lawnmower replacement motor.

gas eng. 22 hp lawnmower replacement motor. TOOLS & FARM RELATED ITEMS FROM THE KENNY CATTRELL ESTATE: Farmall C

tractor w/ldr. & Belly mount mower; Many handtools from the small eng. repair shop; Livestock

equip. & small farm items; Several primitives, milk cans & other; Vincent Gast will be selling 21 Tractors, plows disk cultivators, & lots of JD parts at this auction-mini tractors have been stored in the shed. Various conditions, some nesses," said Ron Seeber, Renew Kansas Biofuels Association president and CEO. "Our enthusiasm goes to another level when they take the time to actually go visit a plant and ask detailed questions about how their policies are affecting our members."

EPA administrator won't go back to Obama WOTUS rule

EPA administrator Michael Regan said he does not intend to revert to the Obama-era Waters of the United States (WOTUS) rule, *Feedstuffs* reports. However, Regan did say that changes to the new rule developed under the Trump administration are warranted, but he remains committed to engaging with the agricultural community.

"We are going to set up a structured stakeholder engagement where we actually sit and listen to those who are impacted by regulations," Regan said.

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TRACTORS: JD 6400 FWA 7K hrs 640 JD self-leveling ldr. wjoystick control, newer rear tires, cab heat, air, 16 spd. power quad trans, ready to go to work, JD 4650 FWA duals full front weights, 8000 hr, 16 spd. powershift w/ hitch, runs great, CH Diesel 495, 3PT wide front canopy, low hr tractor w/dual hyd remote; AC D17 series 4, dual hyd, wide front; AC D17 wide front; 2 ACWD 45 runs & looks good; JD 620 3PT **TRUCKS**, **TRALLERS**, **60ATS**/**UTV ATV**: 13 JD 825 Gator, 4x4, electric dump; 91 Chevy 8500 single axle, auto, 10 rock bed & snow plow; 98 GMC 1500 ext. cab, 4x4; 00 Ford F 250 4x4 wBester arm bed, 148K, V8, 5 spd., AC runs great; 97 Ford 4x4 short bed, 160K, no rust, runs great; 102 Dodge Ram 1500 4x4, runs great, has rust; 16 GN stock thr, ready to use; 00 Bee 4 Horse GN show trail & ride thr. w/living dtrs, roof air, & collapsible rear tack; Used GN 7 bale in line Rhino hay thr; New 7 bale GN Flipper in-line hay thr; 2 shop built HD GN hay thrs; GN 22' flat deck thr; Nice steel motorcycle thr. w/ramg gate, low pro; Knapahide skirted flatbed w/toolboxes for dual whl pick up; Nice 150 gal. tuel thr. wylpump; 90's Invader boat & thr. winshoard V6 motor, always shedded, runs/looks great w/paperwork; 95 Ford Mustang fox body; Pop-up camper w/roof mount a; 55 Chevy pick up bed stepside thr; 02 Cord Ranger are w tires; 14 Schwartz's 65 x 15' UTV tandem axle thr, wirram gate. **EOUIPMENT:** JD 946 MOCO 13.5 center pivot disc mower; 2JD 260 3PT disc mower; 2JH 240 S 3T, 9, disc mower; 2JD 260 3PT disc mower; 2HH 35 Hyd drive hay rakes; Claas Rollant 66 big rd. baler w/ ret 8 twine; JD 285 3PT, 9, disc mower; JD 350 manure spreader ready to work; NH 516 manure spreader, JD 8300 double disk dtill 10' spacing; 3 shank NH 3PT app col flow good; NH 352 9' 3PT sicklebar mower; 2HH 39 D 7000 good; CHH 1100 PT 9' sicklebar mower; 2HH 35 Hyd drive hay rakes; Claas Rollant 66 big rd. baler w/ ret 8 twine; JD 286 3PT, 9, disc mower; 3D 260 3PT disk; 3PT lorklift mass & fork; 2-7 3PT Brush cutres JD & Rhino; Land Pride 3PT f

or desktop, use

www.hitchpin.com

sk drill 10' spacing; flow good; NH 352 pri Sicklebar mower; xi 10' box blade hyd 5; 350 Bushel grain D JD running gear, ss steel w/3 phase s steel w/3 phase s steel w/3 phase s JD & Rhino; Land c JD k & Land s JD & Karting & Karter s JD & Karter s JD

Many more items expected & accepted until Friday, June 4, 5 pm! WIII be running 2 rings most of day - Lunch available!

TERMS: Cash or approved check, ID required to register. Bidding will be by number. Statements made sale day take precedence over printed material. Not responsible for accidents or theft.

to website for updates & Pictures: www.thenewsleaf.com/hoffman.htm

Auction Conducted by HOFFMAN AUCTION SERVICE Jeff Hoffman, Auctioneer • Effingham, KS • 913-370-0747

Target

The Chairman's Reserve premium pork product line from Tyson Foods can now be found in 49 Super Target locations in seven states, including Kansas. The four new products include a tomahawk chop, tenderloin medallions, ribeye chops and New York chops. Product labels include proper nomenclature and the 145 F cooking temperature recommendation.

This is the first time the tomahawk chop will be offered at such a large scale by a major retailer. The smaller package sizes align with market research findings shared by the National Pork Board (NPB) that consumers are looking for unique items and inspiration at the grocery store. NPB shared these insights with Tyson Foods last year.

Target will promote these new premium pork products via digital ads directing consumers to an online product page where they can use the "Find in Store" feature, as well as influencer marketing. NPB will support the launch later this summer.



Grass & Grain, May 25, 2021 Page 15 African Swine Fever Virus vaccine candidate now produced in a cell line

The U.S. Department of Agriculture's Agricultural Research Service (ARS) announced earlier this month that an African Swine Fever Virus vaccine candidate has been adapted to grow in a cell line, which means that those involved in vaccine production will no longer have to rely on live pigs and their fresh cells for vaccine production.

"This opens the door for large-scale vaccine production, which is a valuable tool for the possible eradication of the virus." said senior ARS scientist Dr. Manuel Borca

African Swine Fever is known to cause virulent, deadly outbreaks in wild and domestic swine, causing widespread and lethal outbreaks in various countries in Eastern Europe and throughout Asia. African Swine Fever is

not a threat to humans and cannot be transmitted from pigs to humans. However, outbreaks have led to significant economic losses and pork shortages on local and global scales.

No commercial vaccines are currently available to prevent the virus from spreading. There have not been any outbreaks in the United States, but it's estimated that a national outbreak could cost at least \$14 billion over two years, and \$50 billion over ten years.

This discovery, highlighted in the Journal of Virology, overcomes one of the major challenges for manufacturing of an African Swine Fever Virus vaccine. The newly developed vaccine, grown in a continuous cell line - which means immortalized cells that divide continuously or otherwise indefinitely-has the same characteristics as the original vaccine produced with fresh swine cells.

"Traditionally we used freshly isolated swine cells to produce vaccine candidates and this constitutes a significant limitation for large-scale production" said senior ARS scientist Dr. Douglas retain the vaccine characteristics while simultaneously replicating the vaccine in lab-grown cell cultures. We no longer have to rely on gathering fresh cells from live swine."

The continuous cell line vaccine candidate was tested in a commercial breed of pigs and determined to be safe, protecting pigs against the virus. No negative effects were observed.

This research was supported in part by an interagency agreement

(AP) - Kansas farmers are expected to harvest a bountiful winter wheat crop this

The National Agricultural Statistics Service estimated that the Kansas wheat

Kansas farmers will harvest

Gladue. "But now we can between the U.S. Department of Homeland Security and the U.S. Department of Agriculture. Some of the scientific personnel were part of the Plum Island Animal Disease Center Research Participation Program, administered by the Oak Ridge Institute for Science and Education. All animal studies were performed at the Plum Island Animal Disease Center, following a protocol approved by the Institutional Animal Care and Use Committee.

Wheat Foods Council tackles questions from consumers in new video series

do consum-What ers want to know about wheat? The Wheat Foods Council is answering common questions in a new series of short videos featuring wheat expert Brett Carver, Ph.D.

Carver is the wheat genetics chair in agriculture at Oklahoma State University. During the video series, he will discuss how wheat has changed over the last 100 years, the difference between wheat breeding and GMOs, gut health and more.

The first episode now available at https://www.youtube. com/watch?v=48ad1GdenSE&t=8s — answers the question: If you stop eating bread to cut carbs, what else do you lose?

"There's a lot of good stuff in that kernel of wheat beside the starch," Carver explained in the video. "Starch is energy of course, but when we think about cutting out that wheat, we're cutting out a very important source of protein.

The primary source of protein in the wheat kernel comes from the endosperm — the middle layer. The endosperm also contains carbohydrates and small amounts of B vitamins.

When ground during the milling process, the endosperm yields what we in our heads envision as flour — the fine white powder added into our baking recipes. As a result, this protein benefit comes in both enriched and whole wheat products.

"Plant-based protein provides protein to the world," Carver explained. "Another is the fiber the fiber that resides in those outer layers of the ers, which we would then pick up through a wholewheat product. And that's a very important part of our diet.'

Whole wheat products are made using the entire kernel of wheat, not just the endosperm. The bran, which is the outer layer, contains the most fiber. With this added fiber, having whole wheat products in the diet protects against diabetes, helps prevent coronary heart disease and improves gut health.

But the dietary benefits of wheat foods do not stop there

"Then there are phytochemicals," Carver said. "They are health compounds basically that reside naturally in the wheat kernel. There are antioxidants so we have therefore some protection of our cardiovascular health."

"There are other compounds that are cholesterol-lowering like sterols. There are about half a dozen classes of vital chemicals that exist in that kernel of wheat that you can pick up through a whole wheat product that is very healthy."

Many of these compounds are found in the innermost part of the wheat kernel — the germ - which is a rich source of trace minerals, unsaturated fats, B vitamins, antioxidants and phytonutrients.

Between protein, dietary fiber and this host of other nutrients, wheat foods make up an essential part of the diet.

"We might be helping ourselves health-wise to cut on the calories on the start," Carver concluded, "but we might be hurting ourselves on the other side of that equation."

Stay tuned for answers to more consumer questions through the Wheat Foods Council, a leading source of science-based information on wheat and grain foods nutrition. Kansas Wheat is a member, along with grain producers, millers, baking suppliers, life science companies and cereal manufacturers.

Want to know more in the meantime or just hungry? Check out Eat-Wheat.org for information on wheat foods nutrition, recipes, farming practices and more.

It forecast average yields in the state of 48 bushels per acre, an increase of 3 bushels from last year. The agency also estimated that 6.9 million acres will be harvested in Kansas. That is 650,000 more acres of wheat than a year ago. Its projections are based on May 1 crop conditions.

crop will come in at 331 million bushels, up 18% from last year's crop.

bountiful wheat crop

season, according to a government forecast.

TUESDAY, JUNE 8, 2021 - 4:00 PM 112 Cloud Street in SCANDIA, KANSAS

4 WHEELER, BOATS, GOLF **CART, MOWERS & TRAILER** 2018 Polaris Ranger 570EFI 4x4 side by side, 1947 miles; 2012 Yamaha gas golf cart very good; Lund 16' boat w/50 hp Yamaha motor w/trailer; Bass Hound 10.2 2 man boat w/live well, Minnkota trolling motor w/trailer; foot control trolling motor; Tandem axle shop built heavy duty 6' x 10' trailer; Toro Timec'Jiter 55-4235 front deck mower; John Deere LX 279 riding lawn mower; Wheel Horse Electro 12 riding mower don't run; Snapper riding lawn mower.

MOUNTS, FISHING, **RELOADING ÉQUIP., AMMO** 6 deer mounts; 4 MEC reloaders; reloading dies; power loads; powder, shot, reloading equipment; Excalibur compound bow; several other bows; 4 deer blinds; 35+ fishing poles; split bamboo flv rod: reels: lures: jig making equipment; Large amount of ammo inc: 410, 12, 16 & 20 ga shells; 22, 22-250, 243, 357, 30-06, 45 ACP, 7mm, other ammo; knives; meat saws assortment traps; coolers; Red Ryder BB gun; deer horns; lanterns; ice auger; 2 dog training collars; assortment of other fishing, hunting items.

TOOLS & OTHER Powermate 6500 8125 generator; Stihl 034 AV chain saw; Hitachi miter saw; Delta 4" belt 6" disc sander: Delta table saw: bench grinder: Craftsman stacking toolbox; DeWalt cordless drills; combination wrenches; sockets; large assortment of hand tools; bolt cutters; C clamps; step ladder; winch; yard tools; Milwaukee weed eater; pickup tool boxes; wheels; tires; Golf clubs & balls; Wooden golf clubs; 5 gal Red Wing crock; records; ice cream freezer; cream can; cast iron pot; glass water bottles; pictures; camera's inc: Nikon; kitchen appliances; asst. of other items.

DEAN MILNER ESTATE

Note: This is a large auction. Dean had a large amount of fishing and ammo; He made golf clubs. His items are in good condition. Check our website for pictures www.thummelauction.com Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC, 785-738-0067



Morris County 4-H Building, 612 US Hwy. 56 • COUNCIL GROVE, KANSAS DIRECTIONS: 1 mile East of Council Grove on US Hwy. 56. WATCH FOR SIGNS

PICKUP & MOWER 1997 Ford Ranger XLT auto 4 cyl., 173,316 miles, runs good; MTD LT 1442 riding lawn mower. GUNS

Stevens Md. 820B 12 ga shotgun, pump; Crossman Pump Master pellet rifle; several BB guns. ANTIQUES & COLLECTIBLES

Coins, Peace Dollars, Kennedy station; JD toy tractors; grinder case; wooden barrel table with 4 chairs; single bed; coffee table; silver half dollars, silver quarters, mixer, dump trucks & dozers; JD bale round baler, discs, wagons, Mercury dimes; wheat pennies end tables: metal cabinet: maple & more; Cowboy boot lamps; skid loader; Atair game; Minnechild's rocker; small roll top desk sota Viking football helmet; Star sewing machine in cabinet painted buzz saw blade; kerosene lamps; SW decorations; child's wicker rockers. Trek Barbie & Ken; Roy Rogers Perfection heaters; 2 cap pistols puzzles; Kit Carson binoculars Fiesta & Frankoma pcs; several & other toys from 50s & 60s: TOOLS & MISC. Hands tools of all kinds; Stihl pottery pcs.; misc. glassware; basketball game; doll clothes; George Strait collection; Na-scar collection; metal dancing 009L chain saw; welding table; log chains; MTD LT 1442 riding vintage x-mas decorations; baby stroller & chair; metal pink refrigerator & kitchen items toy, toy; metal Planters Peanut set; lawn mower; Craftsman 10" band saw; Craftsman 7" grinder; Ducrock jug & jars; 33 records; 50s; kerosene can; vintage stock Holstein cows collection; Coca saddle; horse collar; wood barracraft bench grinder; Yard Marels; 4' windmill; pitcher pump; chine 61/2 hp self-propel mower Cola items: Gunsmoke billfold: red wagon; milk cans; baseball gloves; 1950s girls bike; tubs; various power tools; hand tools Marlboro money clip; Donkey of all kinds; fishing poles & tackparty game; guitar radio; child's tea set, blue & white; Pyrex rewooden ladders; steel wheels. le; various household items. AUCTIONEER'S NOTE: This will be a large auction with several generations of items being offered. We ask that you wear masks and social distance so everyone can stay safe. Thank You.

frigerator dishes; cowboy boots; guilts & fancywork; pitcher basin dresser lamps; SW coyotes; CI skillets; wire egg basket; CI chicken boot cleaner; crock brown bread bowl; ice tongs; iron floor lamps; vintage bride doll; glass washboard; small windmill; Chiefs football; kids' books; play

FURNITURE

Walnut occasional tables; Gone with the Wind table lamps, electric; plant stand; tea cart; oak table & 8 chairs: oak bdr set. full size bed, chest of drawers, night stand & dresser with mirror oak occasional chair; Mission oak rocker: new lawver book

AU 4D) Tuesday, June 8 @ 7:00pm Where: Brigitte's Cafe,

101 N. Broadway, Woodbine, KS

Directions: Take Rain Road south from Chapman to 1800 Ave., then east 2 miles to Trail Rd or 1 mi. west of Woodbine and 3 miles north @ Trail Rd/1700 Ave

Tract 1: The NW/4 and the N/2 SW/4 of 10-14S-4E, Dickinson County, less tracts. 164 Ac+/- of productive tillable on Carry Creek, 13 Ac +/- hay meadow, 8 Ac+/- in waterways. Tract 2: 1750 Trail Rd. to include 36 acres of

kernel and the bran lay



ANTIQUES, PRIMITIVES, HOUSEHOLD & MORE AUCTION SÁTURDAY, JUNE 5, 2021 — 10:00 AM

LOCATION: 1805 2nd Street — WAMEGO, KANSAS 66547 * LUNCH! DIRECTIONS: Turn South off Hwy. 24 onto Columbian Rd & proceed approx. 1.0 mile to 4th St. then cross 4th St. onto 2nd St. Auction will be on the south side of 2nd St.



FURNITURE: Dressing table w/mirror, pair of smaller white clad coolers, wooden rock ing chair, wooden topped dressing table, jewelry chest, footed sofa, secretaries desk wooden chair, wicker rocking chair, dresser, end table, nightstands, antique rocking chair, recliner, chest of drawers, white dresser, bookshelves, antique headboard and bed, antique nightstand, wicker bottomed chair, small dropleaf table, corner cabinet, vanity w/mirror, 2 drawered nightstand, distressed shelving unit, coffee table, pie cabinet Possum belly cabinet (very very clean), glass fronted display case, Very nice kitcher table, office desk, Chatauqua ice chest, tea cart, *many more items!*



PRIMITIVES, HOUSEHOLD & ANTIQUES: Table lamp, antique pharmaceutical box humpback chest, oil lamp, bird cage, graniteware, cardinal clock, braided rug, severa prints & pictures, antique hanging mirror, wall hanging décor items, VIZIO flatscreen TV SANYO flatscreen TV, globe table lamp, stained glass fireplace screen, decorative picture frames, very old glass bottles, hall tree, lock & key décor, antique cookbooks, barn tin hall table, small milk cannister, Larabee's Sun fed Seeds pig, misc. knick knacks, rolling pins, egg tin, sadirons, Rescent miniature stove, reproduction rotary phone, match dispenser cast iron chicken door stop, marbles, candles, jars, windchimes, Happitime Cash Register Universal stove & oven, ladle collection, Western Stoneware 5 gal. crock, shelving units goose decoys, cement bird bath, whiskey barrel flower planter, Wheeling wash stand, milk



cans, park bench, very nice set of dishes, gumball machine, *much much more!* Carla had lots and lots of greenery and decorative flowers that will be offered

where is with absolutely NO impled warranties. Buyers are responsible for their property when Auctioneer says "sold". Buyers must have their own government issued ID at time of registration. All announcements on the day of sale take precedence over advertising. Foundation Realty Represents the seller. **Terms of Payment:** All payments to be made before items are removed from the premises. Payments will be made in cash or with valid check. Any and all titles will be mailed out no sooner than 10 business days after the auction UNLESS buyer pays in full in cash the day of the auction. Any and all returned checks shall result in an additional service fee of \$50.00. Presuming regulations allow we will be conducting this auction as planned. If you are feeling sick, please stay home and get well. As much as we appreciate your support during this time we are much more con-cerned about your health! Social distancing will be practiced as best as possible at all Foundation Realty Auctions until Covid-19 ulations and guidelines are released.

AUCTIONEER'S NOTES: A very neat & clean selection of furniture, primitives, antiques & more brought to you on behalf of Larry Bolyard & his late wife Carla. Carla had a passion for antiques & primitives that was very strong & through the years amassed a large collection that we're proud to offer to you!



Terms: Cash or Good Check. Not Responsible for Accidents. Statements made day of auction take precedence over printed material.

Lunch Available



HERINGTON LIVESTOCK COMMISSION CO. CATTLE SALE EVERY WEDNESDAY: 11:30 AM LMA 5/19/21 SALE RESULTS Herington, 1 blk 1450@66.50 **COWS & HEIFERETTES** LncInvlle, 58 blk 925@126.75 Herington, 1 blk 980@80.00 Cncl Grve, 2 blk 1220@66.50 LncInvlle, 57 blk 935@126.25 White City, 4 blk 1123@70.90 Tampa, 11 blk 1298@65.50 LncInvlle, 60 blk 918@124.50 Herington, 1 rwf 1420@70.00 Herington, 1 bwf 1595@64.50 Tampa, 25 mix 934@123.00 Ramona, 1 Yellow 1740@70.00 Hope, 1 blk 1295@63.50 1240@69.50 Wilsey, 1 blk Woodbine, 1 bwf 1170@62.50 PAIRS Herington, 1 rwf 1325@69.50 BULLS Ramona. 3 943@1150.00 Ramona, 13 Red 1304@68.70 Ramona, 1 blk 2140@96.00 HEIFERS Ramona, 1 Red White City, 5 blk 1231@67.90 2250@77.00 778@126.50 Tampa, 66 blk Hope, 5 blk 1382@67.30 STEERS Cncl Grve, 1 Red 1300@67.00 Ramona, 3 blk 687@140.50 **CALVES BY THE HEAD** LncInvlle, 1 blk 1165@66.50 Lnclnvlle, 60 mix 874@128.75 Cncl Grve, 1 blk 170@375.00

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Our Consignments can now be viewed after 12 Noon on Mondays by going to www.grassandgrain.com & logging onto the online Subscription.

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Page 16 Grass &	& Grain, May 25, 2021						
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5665



Grass & Grain, May 25, 2021

Page 17

bu. grain cart. 785-826-3261

FOR SALE: PAIR 24.5x32 tires, 12-ply, like new. Pair 28Lx26 tires, 12-ply, like new. Jack Boyle, 785-564-0511,



Grass & Grain, May 25, 2021

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K-State experts ask, 'What does health mean to you?

It might initially seem simple for each of us to determine what living a healthy life means. Maybe our first inclination is to choose a salad instead of a cheeseburger.

But a group of Kansas State University specialists believes it's a bit more complex than that. They've recently rebooted a blog, called Health Means, to help people from all walks of life figure out the best way to live more healthfully – and in turn, improve the health of their families

care cross over into health "We can think of the products and services that we include in our spending plan that are related to health, such as insurance, prescription medications and going to the doctor. Those are all expenses that we have," she said.

"But there are also other choices we might make with our resources that can impact our health in other ways. Some of that is risk management. which could include wearing seatbelts, foods that we choose to eat and more. All of these things are resources that we have. Health is a type of human capital that we can invest in as individuals, families and as a society." In her own blog posting recently, Procter noted that health means having access to quality food, and options for care and exercise, "including such aspects as healthy food or health care or resources like parks and the ability to have outside exercise and safe walkways." Other factors playing into healthy living include access to affordable and safe child care, establishing a financial plan while young, mental health, and exposing children to healthy lifestyles when they're very young. "All of these factors interplay and none can be taken away without affecting the whole as we're building health," Procter said. Kiss added: "While we as Americans revere this idea of rugged individualism, sometimes we cannot act as rugged individuals. That's not enough. We have to act as members of a community. "One of the things we do when we introduce our (blog) contributors is we ask them, 'What does health mean to you, in one word.' It means something different to all of us. When we think about setting goals and achieving them, they often start with dreams or visions for the future. So if we can get clear for ourselves what our individual vision of health is, all the different facets of that, and if we then talk about it. I think we can start to achieve that for ourselves."

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and communities.

"When we started the Health Means blog, our goal was to start a conversation about health, including what health means to us and what health means to you. That's still our goal," said Elizabeth Kiss, a family resource management specialist with K-State Research and Extension.

"Simply put, we believe that health is more than the absence of disease or illness."

Health Means is available online for free. Two new posts by K-State specialists are available each month.

Kiss notes that the effort involves several educators and researchers at Kansas State University with experience in many areas, including:

Family life.

Child development.

Youth development.

Adult development and

aging.

Family finances.

Healthy eating and active living.

Community health and health policy.

"Some of the issues we are blogging about have a policy basis, or an effect on policy or practices to come," said Sandy Procter, a K-State Research and Extension nutrition specialist.

One example, Procter noted, is making a decision on whether to be vaccinated or not, and the effect that decision may have on one's family or community.

"Our goal might be to talk about further-reaching considerations and how important that can be to the people around you," she said.

Kiss said such topics as family finances and child-

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Keeping Things Lively General Sheridan's taken possession of Brad

General Sheridan's Winter Campaign against the Plains Indians during the winter of 1868-69 was hailed as a grand success, but taking all those soldiers on campaign had a devastating effect on Hays City businesses. The campaign just happened to coincide with the loss of the railroad business as frontier entrepreneurs moved on to the "end of the track" at Sheridan as fast as they could.

Hays City's government collapsed in late 1868. Ellis County Sheriff Isaac Thayer suddenly left his job, presumably because he wasn't being paid. He wasn't alone. Several county officers abandoned the bankrupt county. For reasons not fully understood. the governor refused to appoint a new county sheriff. Instead, the citizens of Ellis County would have to wait until November elections to select a new county sheriff.

With only one city officer the citizens of Hays City relied upon a vigilance committee to control the "...thieves, robbers and pickpockets." In May Charles T. Brady was captured by vigilantes after trying to appropriate money that was not his own. He had earlier been mustered out of service in the 19th Kansas Cavalry. He had deserted from the Seventh Cavalry after he shot another soldier. While serving in the 19th Kansas his previous desertion was unknown. After mustering out of the 19th he shot another man, was arrested, and escaped. The vigilantes were known to have taken possession of Brady, but that was all that was known until his body was found in a railroad freight car at the end of the line in western Kansas.

In that atmosphere Wild Bill was "elected" on the authority of the vigilance committee in August. Known outlaws were told to leave town. Joseph Weiss, a former deputy U. S. Marshal, was one of those running with a rough crowd that the vigilantes hoped to "clean out." A tough character by the name of Sam Strawhun was one of his best friends. Both Weiss and Strawhun were ordered to leave town by vigilante leader, postmaster Alonzo Webster.

Weiss and Stawhun entered the Post Office to confront Webster over the subject of their injured reputation. When a pistol cleared leather Webster raised his own six-shooter from under the counter. Weiss was shot "...through the bowels." Strawhun ran for his life.

Strawhun raised a gang of friends to take revenge on Webster. When the crowd reached the post office Wild Bill was waiting and announced that "The boy done right..." The mob dispersed.

But the "toughs" on the frontier weren't about to go away. On the evening of August 22, 1869, a character by the name of Bill Mulvey pulled his pistol and began shooting it wildly, even chasing several people around a Hays City dance hall. Wild Bill stepped into the dance hall and without hesitation Mulvey put his pistol to Hickok's head. Wild Bill coolly looked behind Mulvey's shoulder and announced, "Don't hit him. He's only fooling." In the instant that Mulvey turned his head Wild Bill pulled his pistols and fired without hesitation. Mulvey never knew what hit him.

Mulvey, like so many of his kind, was known to associate with horse thieves. Outlaws with the "long rope" were operating heavily near Fort Hays and all the military posts in Kansas. Several men were noted to be the ringleaders of a number of bands of thieves. Deputy U. S. Marshals were constantly on the trail of one outlaw or another.

Sam Strawhun, the survivor of the Weiss killing was suspected of being a horse thief and by all appearances ran with those whose reputation was not in doubt.

On September 27, 1869, Strawhun and a crowd of men entered a Hays City bar known as the Leavenworth Beer Saloon. The "hurrah" escalated with threats of vengeance against the Hays City Vigilance Committee. Hickok was called. Several versions are told of what happened next. Whether it was a face-to-face fight or a shot to the back of the head. Sam Strawhun didn't live to see the sun rise.

November finally rolled around and elections were held in Ellis County. Wild Bill lost his bid for county sheriff to another frontier tough by the name of "Rattlesnake" Pete Lanahan. By the following spring soldiers were returning to Havs City and the local economy began to rebound. John W. Conner. Ellis County Treasurer declared that, "Hays City will be lively this season ... " And keeping things lively was just what a frontier town needed to keep the money flowing on The Way West.

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

Grass & Grain, May 25, 2021 Page 19 Boron: the forgotten (but important) micronutrient

Boron – it's not part of a normal soil test, in fact, it's not part of an expanded soil test. Logically then, most farmers have no idea how much boron is in their soil, or even that's a nutrient of any concern. Boron is vital for a plant's cell wall and can affect many plant processes. Boron is necessary for canola and cotton production (not that we have much of either around here) and important for other dicots like alfalfa and soybeans. High production crops like corn and milo have a need for boron as well. However, here's the thing, of the small number of soil samples I've seen tested for boron, not one has come back sufficient. Southeast Kansas and eastern Missouri do not have a natural background of high boron. In this article, we'll cover the chemistry of boron in the soil, fertilization of boron, and what boron deficien-

cies look like in crops. Before too much alarm, it should be caveated that boron has not been well-studied in Kansas. It is hard to say just how much boron is needed in the soil for high-yielding crops and it seems that different state Extensions have different target ranges. Not to mention that research has a hard time showing yield response to corn and sovbean boron fertilization; however, soybeans are very sensitive to boron toxicity. Yield response to alfalfa has been easier to find. Boron is vital for crops, yet they only need a small amount, and too much is toxic. You can see why recommendations for boron are hard to pin down.

Boron in the Soil

To understand how to fertilize with boron, it is important to know how it works in the soil. First, boron is uniquely a non-ionic molecule (boric acid) in the soil and can move freely in the soil. Fortunately, it still adsorbs onto aluminum and iron oxides, clays minerals, and organic matter. Most plant available boron comes from the breakdown of organic matter. Oddly, soils in southeast Kansas are deficient in boron vet have relatively high organic matter and clay content. Many areas across the country with high amounts of leeching are boron deficient. Because boron moves with water and largely comes from decomposition, drought can decrease availability of boron to plants.

Fertilization of Boron

Fertilization of boron is mainly a concern of alfalfa, to a lesser degree in soybeans, and to some limited extent in corn. It is also more important in canola and cotton, if these less-common crops are grown. Research from Minnesota and Nebraska has shown that alfalfa has a better yield response to boron fertilization then a number of other crops. This is likely because of its cool season growth before organic matter breakdown has started to supply boron and certain other plant growth reasons. In soybeans, research is all over the place. A study in Nebraska shows that boron only helped yields in sandy soils. In Missouri, very little yield response. but in Arkansas, boron increased sovbean vields in three of the four tested locations. Kansas research has also shown variable response to boron. In corn. some research has found positive yield benefits but most show little response. Putting it all together,

these boron fertilizer recommendations are agreed upon:

• Fields below 0.5 to 1.0 ppm of boron are deficient • Application rates are,

at maximum, 2 lbs. boron per acre. Most research shows 1 lb. boron per acre is plenty. Any more than 2 lbs. and boron could become toxic.

• Boron is NOT to be banded. Do not plant any

grass crops (corn, milo, fescue, etc.) immediately after a boron application. Incorporation after application is best but can work in no-till.

• A 1 to 2 lbs. application rate will be plenty in our clay soils for a number of years and it should only be reapplied in future years after a soil test.

Boron fertilizer comes in both liquid and granular. Granular is easiest to get a hold of and is best mixed with DAP or potash for a more even application. The dry boron fertilizer might actually be borax; the same stuff people use to clean clothes or kill ants.

Deficiency symptoms

Visually boron deficient soybeans are rare. It is more likely to occur in sandy and low organic matter soils and in drought years. Deficient soybeans will have yellow, leathery, and cupped leaves on the new growth and growing points will be stunted or dead. There can however be hidden minor deficiencies. The symptoms in alfalfa are stunted yellow newer leaves, and the terminal buds can be discolored or dead (Figure 1). While more likely in alfalfa, in any crop, visual boron deficiency is unlikely and looks like a number of other nutrient issues.

We know that boron is important for crop growth and we know that many soils are deficient in this nutrient. However, yield response in some crops is unlikely, but could be a benefit in alfalfa and possibly soybeans. In any case, a pound or two of boron per acre is going to be a pretty cheap fertilizer in comparison, as long as care is taken in its application. Please give me a call or email if there are any questions over boron or soil fertility.

For more information, please contact James Coover, Crop Production Agent, jcoover@ksu.edu or (620) 724-8233.

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Page 20 Grass & Grain, May 25, 2021 New Drought Center Dashboard steps ranchers through key questions

When faced with developing drought, ranchers often have questions. How severe is this drought? How long could it last? Is this as bad as the last drought we experienced, or is it the worst one? What are the chances it rains enough to produce normal forage over the coming weeks or months, and how much rain would be needed for a "normal" grazing year?

These are questions frequently asked by ranchers who have taken part in drought management workshops with the National Drought Mitigation Center and partner agencies, said NDMC rural sociologist Tonya Haigh. While many resources can help answer those questions, Haigh said they could be challenging to track down and sift through. Now, ranchers have a resource on the NDMC website that addresses a number of common drought condition questions on one map, in one place, including some map layers and management information specific to the Great Plains and southwest U.S.

The Ranch Drought Monitoring Dashboard aims to provide information that will help ranchers reduce risk ahead of time, Haigh said. The dashboard features the latest data on drought and precipitation conditions, outlooks, on-

the-ground reports, vegetative stress, forage productivity and more, organized around the key questions. A user who clicks on the question about drought severity, and how it compares to past droughts, is led to an interactive display that presents current U.S. Drought Monitor conditions and allows for historical comparisons. Other common questions lead users to other vital resources that can be displayed on a U.S. map, and used together, the map's layers provide a clear picture of current drought conditions and expectations.

"There's a lot of in-

formation out there, and

sometimes it's challenging to figure out what you are supposed to do with all of it," Haigh said. "So that's why we organized this the way we did, to see if we can make the process easier by trying to tailor information that addresses specific drought monitoring questions that ranchers often ask. We worked with Extension offices. USDA Climate Hubs and other advisors in the field to select a set of key questions that specifically speak to range management issues that a rancher would use the U.S. Drought Monitor, Grass-Cast, VegDRI or another resource to answer."

Grass-Cast forecasts forage productivity in the upcoming growing season under below-normal. near-normal, and above-normal precipitation scenarios, based on nearly 40 years of data. The Vegetation Drought Response Index, or Veg-DRI, offers a weekly depiction of drought-related vegetation stress across the contiguous U.S. Along with those resources, the dashboard also incorporates monthly and seasonal precipitation outlooks. citizen science observations, and a collection of case studies for ranchers looking for drought management plan options.

Haigh said that, while many ranchers now have developed drought plans

for their land, one of the biggest challenges is determining when to put the plan in action. With these tools in one place, ranchers will have key information readily available for decision-making.

The Ranch Drought Monitoring Dashboard was developed by the National **Drought Mitigation Center** (NDMC) in collaboration with the USDA Northern Plains and Southwest Climate Hubs, with input by Extension and NRCS range experts in the regions, and funding support by the USDA Office of the Chief Economist. It was released to the public in April, at https://drought.unl.edu/ ranchplan/monitor.aspx.

43% of growers have medium to high corn nematode pressure in their fields, poll shows With corn planting nearly complete and commodity really start affecting yields. It's definitely a problem that responded had checked their fields for nematodes be

prices historically strong, growers' attention has shifted to closely monitoring emergence. Thin stands or uneven plant heights signal trouble, and according to the results from a recent grower poll by Pioneer, a potential cause could be corn nematode pressure.

In late April 2021, Pioneer surveyed U.S. corn growers, asking: "What is the corn nematode pressure level in your fields?" The responses from 448 growers across the country saw 32% answer "low pressure," 31% answer "moderate pressure," 12% answer "high pressure" and 25% answer "I don't know."

"More and more farmers are becoming aware of this problem and understand the need for knowing levels in their fields," said Mary Gumz, Pioneer agronomy science manager. "When I look at what they said about their nematode pressure, 43% have either medium or high nematode pressure — the level of pressure that can really start affecting yields. It's definitely a problem that responded had checked their fields for nematodes beneeds to be addressed."

Corn nematodes are parasitic worms that cause significant yield loss by damaging roots, impairing water and nutrient uptake and creating entry points for pathogens. The dry soils many farmers are experiencing only worsens the impact. For those growers with nematode pressure, Gumz shared three tips to help mitigate:

1) Control weeds. Many weeds can act as an alternate host for corn nematodes.

2) Rotate crops. Pioneer has found that in rotated fields, farmers were less likely to have high corn nematode pressure.

3) Use a premium seed treatment. Gumz recommends Lumialza[™] nematicide seed treatment, which not only shield roots from nematodes, but also helps improve water and nutrient absorption.

Gumz says she is encouraged that 75% of growers who

fore but was still concerned about those who answered that they didn't know the pressure levels in their fields. especially in light of a recent field study she completed.

'My advice for them would be to take those soil samples for nematode pressure and get their soils tested," said Gumz. "Last year in southern Illinois, we did a large corn nematode survey, and found that 93% of fields had corn nematodes. So, farmers might be surprised at how much nematode pressure they already have in their fields.

Growers can contact their local Pioneer agronomist to help accurately measure nematode pressure levels in their fields using soil sampling. More information on premium seed treatments for corn, such as LumialzaTM nematicide seed treatment, can be found on Pioneer.com or by contacting their local Pioneer sales representative.

Build your own cages to protect tomatoes, says K-State expert Retail stores mean well, horticulture expert Ward reinforcing mesh, or wire. "Cages can be made in one cage that is two feet up a great deal of storage

SATURDAY, JUNE 5, 2021 — 9:00 AM

Due to death we will sell the following items at the Clay Center Armory located at 12th & Bridge St., CLAY CENTER, KANSAS.

FURNITURE & APPLIANCES (sell after antiques): Refrigerator

black w/stainless steel door; Upright freezer, grev: Dehumidifier

Sleeper sofa; Other upholstered furniture; Contemporary bedroom

set; Lots of other BR furniture; Waterfall dresser; Lane cedar chest;

Lots of office furniture & supplies; DR table & chairs; Parlour table;

Various small tables & stands; Child's wooden rocker; Lg. Panason ic plasma TV; Toshiba LCD TV; Expanded metal patio set.

HOUSEHOLD GOODS & MISC. (sell first): Wall clocks; Pictures;

Lamps; Kitchenaid mixer; Lots of other nice quality kitchen appliances

& supplies; Books; Luggage; Lots of bedding; Quilts; Doilies; Towels;

Canning supplies; Ladders & yard items; Christmas decor; Lg. variety

GLASSWARE (sells last, maybe 2:00): Several nice Hull vases;

Sm. yellow Fiesta pitcher; Nice Candlewick pieces; American Fosto

ria; Correlle ware; Corning ware; French White; Frankoma; Fransis-

can stoneware; Noritake; Lg. variety of other collectible glassware. ANTIQUES, COLLECTIBLES & OLD TOYS, COINS (sell at 11:00)

Oliver 88 cast alum pedal tractor and 2 wheel cart; Tricycles, plastic

Big Shot truck, shoots darts; Variety of other 50s & early 60s boy's

toys; Old Higgins; Sears & Strato Chief bicycles; Nice walking culti

vator; Rock collection; Lots of costume jewelry, some gold jewelry;

Watches; Silver dollars and other coins; Cast iron; Albums; Record

players; Emerson radio; TVs; Coleman camping supplies; Tubs;

Wooden boxes; Craftsman tool box.

but most tomato cages sold for home gardeners are often too 'wimpy' for Kansas conditions, said Kansas State University

Upham.

Fortunately, he adds, you can make much more sturdy tomato cages on your own, using concrete

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Upham said concrete the mesh forming six-inch squares. "The shortest rolls are usually 50 feet long, but some lumberyards will cut off just the amount vou need," he said.

different sizes, but I like a two-foot diameter cage so I can space my tomatoes at two feet, and then use a T post between each pair to stabilize them in the wind," Upham said.

It will take about 6 1/2 feet of mesh to complete one cage that is two feet up a great deal of storage in diameter, according to Upham.

"You will need to cut the mesh in order to make the cages; small bolt cutters work well for this," he said. "Be careful when cutting because the mesh comes in rolls that will spring back into a cylinder as the last cut is made."

The steps for making а sturdy tomato cage include:

Count off 13 squares, then cut each horizontal wire at the end of the 13th square, leaving 12 complete squares horizontally with prongs on the 13th square.

Use the prongs to make cylinder by bending them over the vertical wire on the first square.

Cut the bottom horizontal wire to leave prongs that can be pushed into the ground. Drive a T-post into the ground and tie the cage to the post to help with stability.

"These posts will last for years, but they do take space when not in use,' Upham said. "If you don't have room for storage, there are heavy-duty tomato cages (available online) that will either fold flat or disassemble to make storage easier, such as Texas Tomato Cages, Titan Tomato Cage and various others.

"Regardless of what you use, tomato cages need to be staked if your garden is in a windy location."

Upham and his colleagues in K-State's Department of Horticulture and Natural Resources produce a weekly Horticulture Newsletter with tips for gardening and maintaining home landscapes. The newsletter is available to view online or can be delivered by email each week.

Interested persons can also send their garden- and yard-related questions to Upham at wupham@ksu. edu, or contact your local K-State Research and Extension office.

INITEDNIET ANII V 00 1

reinforcing mesh is normally five feet high, with

of other items

Copies are also available at these businesses: Bluestem Farm - 2611 W. Hwy 50, Emporia. KS -& Ranch: Pioneer, Farm, & Ranch: - 427 NE 14th Abilene. KS -Or Stop by the Grass & Grain Office: -1531 Yuma St., Manhattan, KS -Office Hours: Monday-Friday, 8am-5pm

Leonardville. KS -

NOTE: The McNish family have been Clay Center residents for over 60 years. This is a large and very clean auction. Many more items than shown.

TERMS: Cash or good check day of sale. Not responsible for accidents. LUNCH: Robin Fowles.

CLERK: Shirley Riek, 526 Frederick, Clay Center, KS 67432. ESTATE OF RUTH A. MCNISH AND JUSTIN WAYNE MCNISH, SELLERS

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Grass & Grain, May 25, 2021 Page 21 Osborne introduces new Flow Pro feed bin agita tions per minute (RPM)

Osborne Industries, Inc., a leading manufacturer and distributor of livestock management equipment, is pleased to introduce its new product designed to solve the ever-present problems of feed bridging in bulk bins at livestock facilities and farms. Flow Pro, an automatic feed agitation system, uses a gently rotating agitator inside a bulk bin's boot to promote first in, first out, mass-flow of feed. The new product will be on display at the 2021 World Pork Expo,

June 9-11, at the Iowa State Fairgrounds in Des Moines, Iowa.

Unlike other feed bridging solutions commercially available. Osborne's Flow Pro system uses neither high-frequency vibration nor blunt impact to bin boots or collars to ensure continuous feed flow. Instead, Flow Pro's rotating agitator provides gentle agitation inside the bin boot as automatic feed delivery systems operate. The rugged auger making about 100 revolu-

- ensures continuous flow without compromising feed quality. Though the system provides steady and gentle agitation, clumps and compacted feed from high humidity or moisture are easily destroyed before they reach feed lines, preventing plugging issues. Flow Pro also eliminates bin wear-and-tear caused by vibrating systems or impacting hammers and mallets. Independent product testing confirms first in, first out flow of

way to control this dis-

ease. Extensive pruning

can stress the tree, reduce

the aesthetic value of the

red cedar, and decrease

its density and function

as a windbreak. And even

with significant pruning,

cedar-apple rust galls

will likely still persist

in close proximity to ap-

ples and hawthorns may

disrupt the lifecycle of the

fungus, but be warned. Ac-

cording to Armbrust, the

fungal spores can travel

several miles from the

original host tree, so re-

moving cedars in the im-

mediate area may not be

adequate to protect the

Removing cedar trees

throughout the tree.

a variety of feedstuffs, with no adverse effects on bins or performance of automatic feed lines.

Flow Pro is now available for bins of various sizes with both straight and 30-degree boots. Simple system controls and sensors operate at 120/240 VAC and activate automatically and simultaneously with feed delivery systems. The Flow Pro system can be installed even with a bin full of feed, and system demonstrations of its operation will be shown at

Armbrust said.

ease.

Osborne's booth V451 at World Pork Expo.

Osborne Industries. Inc., is a 100% employee-owned manufacturer and distributor of livestock feeding and weighing equipment. Products like the company's Stanfield heating mats, Big Wheel pig feeders, and ACCU-ARM portable livestock scales are recognized for their ease of use, quality, and longevity in the field. RFID-driven, advanced automated feeding and weighing systems, including TEAM electronic sow feeding (ESF) systems, FIRE pig

performance testing feed ers, and Weight Watcher automatic growing and sorting systems for large pen finishing are used by leading production and genetics companies across the world.

For more information on Osborne products, including the Flow Pro automatic bulk bin agitator. please contact Osborne at sales@osborne-ind.com or visit www.osbornelivestockequipment.com. Flow Pro is covered by one or more patents (PAT //osborne-ind.com/ip) and is a licensed product of Fat Lump Buster, LLC.



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Guns to be sold at 12 noon then ammo. Guns will be held till payment is received and release signed. Armed guard present. Guns will not be on site till day of auction.

Go to www.VOGTAUCTIONS.net for pictures and more information.



Fungus takes aim at eastern red cedar trees in late spring avoid planting red cedars but that's not an effective

In late spring, especially after a rainstorm, the careful observer may notice alien-like orange, gelatinous objects attached to the branches of their eastern red cedar trees. A Kansas Forest Service official assures it's not the fruit of a mutant cedar - or Jell-O from Mars – but the spore-producing body of cedar-apple rust fungus.

"While a bit unusual looking, the fungus will not damage the red cedars," said Ryan Armbrust, forest health coordinator with the Kansas Forest Service. "However, when the spores land on a susceptible leaf or fruit on an apple, crabapple or hawthorn tree, the rust fungus infects the host. leaving orange-brown

spots. The infection can lead to early defoliation, stressing the tree, and can sometimes damage the fruit."

If there is significant or repeated damage to the apples, crabapples or hawthorns, Armbrust recommends treating the trees with a fungicide in the spring when the fungus is producing spores on the red cedars.

He urges landowners to keep in mind that a product labeled for use on an ornamental crabapple may not be labeled for use on an edible-fruit-bearing apple tree.

Armbrust noted that it may be tempting to prune the red cedar branches that contain these spore-producing masses,

trees. "The best bet is to

'Keeping Groceries Alive' recordings now available online

Grocery stores are critical businesses in rural communities, so what happens when a grocer is ready to retire or move on? Who takes over?

Put another way, how can rural communities ensure their grocery stores continue operating and providing essential services long-term?

These questions and more were answered in an eight-part webinar series, "Keeping Groceries Alive: Successful Ownership Transitions for Rural Grocery Stores," which ended in March. All recordings are now available to the public for free at www.ruralgrocery.org.

The webinar series was hosted by the Rural Grocery Initiative, a program supported by K-State Research and Extension to provide resources and help sustain independently owned rural grocery stores.

"This webinar series ached individua

under way. Participants ing goals, and developing from seven rural Kansas communities have been accepted into the Grocerv Business Transition Mentorship Program, which provides customized technical assistance related to grocery business transition planning. Program participants have been paired with mentors who will provide support by

action steps.

The project is presented in partnership with NetWork Kansas, the Kansas Rural Center, the Kansas Center for Business Transition, the Food Co-Op Initiative, and K-State Research and Extension. It is sponsored by the Ewing Marion Kauffman Foundation through the Heartland Challenge.

identifying needs, clarify-LARGE ESTATE GUN AUCTION SUNDAY, JUNE 6, 2021 - 12 NOON Doors Open at 10 AM for PREVIEW * 601 S. Broadway, SALINA, KS Nice variety of approx. 240 high quality guns and 4 large gun safes. Large Ruger collection. No Sales Tax & No Buyer's Premium for onsite bidder. Internet bidding & Live on-site auction.

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more than 30 states across the country, including grocers, prospective grocers, economic developers, and community members who care about food access and the vibrancy of their towns," said Rial Carver, a program manager with the Rural Grocery Initiative. "This shows how relevant this topic is to so many people from different backgrounds and different places.³

The series covered a range of topics related to grocery business transition planning, from market assessments to community-supported ownership models, with a goal of helping grocers and community members plan ahead so that they aren't faced with sudden grocery store closures.

Erica Blair, a program manager with the Rural Grocery Initiative, said that reopening a grocery store can be a major uphill battle. "Developing a business transition plan is a proactive step that prevents store closures in the first place, which is better for everyone involved," she said. "Grocers benefit through greater financial stability, and communities benefit by maintaining a source of healthy food."

The recordings now available online include:

Grocery Business Transition Planning Overview. Understanding Grocery

Ownership Models. Preparing for Business

Transition. Assessing Markets & Community Needs.

Planning your Business. Funding the Transition. Recruiting Store Managers

Mastering Grocery Store Nuts and Bolts.

Blair said a second phase of the project is



ires; 78 Chevy pickup 350 4 spd, 2WD, salvage (bill of sale). **HARNESS** gals. Pure Neatsfoot oil. **FARM MISC:** 50 bu. gravity feed bin on metal stand; sm. grain augers w/motors 10, 12 & 20'; grain dryer tube & motor 8'; factory squeeze chute w/Priefert head gate; 2 sm. 1 sided calf creep feeders; Good 8' port. metal cattle feeder on whis; 11x16 hvy iron frame w/gate for calf pen; 6 chain link horse stall panels; 1 lot used steel posts (4) 4' panel gates; (7) 10' port. corral panels; (16) 12' port. corral panels w/2 whI moving cart; #8 Pride of the Farm pig feeder 10 bu; Ig. 6' oblong hog feeder; (3) 12' Prairie Products hvy metal feed bunks; (2) 11' Politron feed bunks; (13) 12' concrete U bunks; sev. bale rings & hay feeders; { Turned Tractor tire feeders; 18 long pipe frame for flatbed trailer to hau lg. rnd. bales; 3 old style tall propane bottles; 55 gal. barrels w/hand pumps; other old tanks & barrels; 4 tier chicken cage; sev. wire chicker cages 4'x7'; wood framed chicken cage 3'x4 1/2'; misc. used lumber (some 4x4s); some very old walnut timbers & boards; Ig. iron rack; misc. iron, misc. pipe, misc. beams; misc. scrap iron; port. loading chute w metal ramp (needs repair); tin culvert pipes 12"x20, 16"x20, 16"x20; sev smaller hvy metal culvert pipes; J.H. Day Co. hvy. iron vats on rollers metal frame for a swing set; 12' wooden ladder; tire chains; shopbuilt 3 p adapter; 5 Broyhill propane stock tank heaters; sev, old kerosene stock tank heaters; used 750-16 tires; fiberglass dog house; New Chicago elec. generator Model 90300, 9hp, elec. start; misc. tools & shop items elec. well pump; 8 hvy metal tomato towers; walk behind garden planter Garden Way trimmer on whls; MTD tiller 5 hp frt. tine; other misc. items ANTIQUES & COLLECTIBLES: iron wheels; milk & cream cans (some w/names); green milk can w/yellow impl. seat & JD decal; metal wash tubs; galv. bucket; 2 tall galv. rnd. chicken feeders; wood egg crate; wood carpenter tool chest; wood boxes; Howe Scale Co platform scale; Fair banks platform scale; header knife for box wagon; rope block & tackles old barn pulleys; scythes; old hay knife; Louden's Whiffle Tree (paten Oct 1, 1890); push garden cult.; buzz saw blade; shoe last; old sleds Ig. tongs; old miner's pick; 4 meat hooks; cattle hoof trimmer; collection of different old corn shucking hooks; Mobil metal grease bucket; metal traps #1, #2; rolls for player piano; Bartlett Mfg. Co sm. hand saw w old leather holster (for carrying on saddle); other misc. items. INCUBA TOR: GQF circulated air incubator, mdl 1202, cabinet type, 15 1/2"x3 1/2"x31" long. Some Household & Misc. - see website for list! NOTE In case of rain, some household may not be put out; please call if interested in certain items if it is raining before driving to auction. **DORIS Mc BRIDE, OWNER**

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not required. Offer good through June 30, 2021. Not all customers or applic ibject to change or cancellation without notice, © 2021 CNH Industrial Ameri

Page 22 Grass & Grain, May 25, 2021 Ranch Dog Health – veterinarian covers key health risks dogs are up against He went to open the to the gate, the rattlesnake health risks." have some great, easy-to-have some great, easy-to-have some great, easy-to-

gate toward another pasture on the family's South Texas ranch, and his dog Hilda, an Australian shepherd, wouldn't let him take another step — soon, he learned why. Underneath a tumbleweed-like shrub known as Barba De Chivo was a rattlesnake. "Hilda kept me there long enough that when I made my way

TOOLS & EQUIPMENT

Grizzly G9972Z metal lathe;

lathe equipment; 150-9001

model RE31 mill machine;

assortment milling equip-ment; Lincoln Ideal ARC Tig-

300/300 AC DC Arc welder;

Miller Millermatic 210 mig welder w/bottles; cutting torch

w/bottles; 14" drill press; shop

built forge w/blower; shop built 2" belt sander; Delta table

saw; Delta chop saw; 2 metal

band saws; Craftsman stack-

ing tool box; Walker bumper

iack: forge tools: metal rolling

shop table w/vice; air bubble;

was gone. She was protecting me," recalled president of Valley Vet Supply, Omar Hinojosa. "She was always with me and was my second set of eyes, watching over me - we had some very protective mama cows. Our dogs are always there for us, and we owe it to them to shield them from any potential

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hand press; battery chargers;

bench grinders; large as-sortment hand tools; pullers;

wrenches; bars; files; hatch-

ets; precision tools; assort-

ment electric tools; clamps;

rolls sander belts; R-L-Tine

rear tine tiller; large assort-

ment lead; forge coal; bricks;

4"x 4"x 8'; 2"x 4"x 8' lumber;

assortment iron; wooden lad-

ders; wood parts bins; metal

parts bins; post vice; boomers;

hand shear; aluminum step &

extension ladders; bolts, nuts,

washer: assortment of other

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NOTE: Check our web site for pictures at www.thummelauction.com. There are many items, this

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10:00 AM

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Assortment knives; BB gun;

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many dies; powder scale; as-sortment of reloading equip-

ment; 24" flat screen TV; fish-

ing poles; motorcycle seat;

saddle bags; jackets; other

motorcycle items; Southwest

ern bag & other items; buzz

saw blades: chicken nest

newer metal signs; ammo

boxes; cherry pitter; 4 qt

churn; traps; deer horns; tur-

key cooker; large assortment of other items.

For key dog health advice, we turned to Paul DeMars, DVM, DABVP, clinical associate professor at Oklahoma State University's College of Veterinary Medicine, who said especially for our ranch dogs, "The biggest risks are parasites and tickborne illnesses, in which most are preventable. We use and cost-effective preventatives for heartworm, flea and tick control, and parasites."

Risk No. 1: Heartworm disease

Transmitted by mosquitoes, heartworm disease is a serious and potentially fatal disease affecting a number of mammals. Dr. DeMars warns, "With heartworms being spread by mosquitoes, dogs that spend more time outdoors will get more mosquito bites." Heartworm risk remains throughout the year, as mosquitoes will shelter from the colder months indoors or other protected areas.

Dr. DeMars said, "Every dog should be on a yearround heartworm pre-Heartworm ventative." preventatives can cost an average of \$10 per month, compared to heartworm treatment, which can cost more than \$1,000 or the priceless cost of a dog's life. Make sure dogs never miss an annual heartworm test, and keep them on a heartworm preventative to protect against the risk.

Unlike other worms that are detected in a fecal sample, heartworms are detected through a blood test in a yearly, scheduled veterinary exam. Ensure heartworm testing is included in your pet's annual exam with your veterinarian, as the earlier heartworm disease is detected, the better the chances for survival, should your dog test positive for heartworms

Early on, most pets do not demonstrate symptoms, but as heartworm disease progresses, infected dogs may develop a persistent cough, fatigue, decreased appetite and weight loss. Dogs with increased numbers of heartworms are at risk for cardiovascular collapse, as the worms suddenly block blood flow within the heart

Risk No. 2: Fleas and ticks

Fleas can transmit harmful bacterial pathogens and tapeworms when

self-grooming. Fleas also cause anemia and intense itching in pets. Some dogs may also develop flea allergy dermatitis, which results from an allergic reaction to flea saliva.

Like fleas, ticks also transmit harmful bacterial pathogens. One of the most dangerous and common tick-borne infectious diseases in dogs includes Ehrlichia Infection, which can cause lameness, eye issues such as blindness, neurological problems, weight loss and swollen limbs. "The most commonly recognized sign is low blood platelets (colorless blood cells that help blood clot), which then cause bleeding if the platelets are low enough," warned Dr. DeMars. Among other diseases, ticks also transmit Rocky Mountain spotted fever and Lyme disease.

It could take as long as 21 days for a pet to show signs of disease. In the case of Lyme disease, it can take as many as five months before signs become recognizable. Watch pets closely for changes in behavior or appetite, if there is any concern they have been bitten by a tick. Common tick- or fleaborne disease symptoms:

Weakness: Lethargy; Fever; Enlarged spleen or lymph nodes; Weight loss; Gum discoloration; Joint pain; Swelling or stiffness of joints

There are several types of flea and tick control products, including oral or topical medications, powders and sprays, collars, or shampoos and dips. "While older topical products exist, newer products are even more effective," said Dr. DeMars.

Risk No. 3: Intestinal parasites

There are many different types of worms in the environment that can affect our dogs. Regularly deworming with a wormer that is specifically developed for dogs is the safest option to relieve their parasite burden. Learn about the four most common worms in dogs, below.

Hookworms attach themselves to a dog's intestines and generate thousands of eggs within days. Your dog can come in contact with them walking through contaminated grass and soil. Signs can include diarrhea, weight loss, poor coat, slow growth and dehydration.

Roundworms thrive in contaminated soil and feces and are often found in young puppies, as well as adults. Signs include diarrhea blood in stools

weight loss, poor hair coat, vomiting, lethargy, swollen stomachs and even colic.

Whipworms reside in infected soil and especially present risks when dogs dig in the dirt. Signs can include severe diarrhea, weight loss, bloody or mucus-covered stools, blood loss, dehydration, anemia, or worse.

Tapeworms can be seen caught in a dog's fur around their rear. Often, they are transmitted through fleas, as the flea ingests the worm larvae and then the dog ingests the flea; they're also transmitted through infected soil. Signs can include diarrhea or bloody stool, change in appetite, poor coat and weight loss, abdominal pain and scooting (less common).

Dr. DeMars also shared the importance of arthritis acknowledgment and prevention. Watch for signs of arthritis, like limping, abnormal posture, reduced activity or mobility, decreased muscle mass or abnormal grooming, as arthritic pets often lick, bite or chew on painful areas.

"The older pets get, the more likely they are to have arthritis problems; however, arthritis can occur earlier in life and happen at any age," said Dr. DeMars. Do not wait until your dog has a serious arthritis problem to discuss the issue with your veterinarian, urges Dr. De-Mars.

"Sometimes, people have a misunderstanding they have to wait, but if an animal is no longer moving or rising as well as they once were, there are effective medications their vet can prescribe to help with mobility issues. Even if they think it's just normal behavior from aging, like a change of attitude, appetite or mobility - bring it up with your veterinarian. It never hurts to say, 'What do you think about this, Doc?"

Special joint mobility diets, prescription medications and supplements also can support aging, arthritic dogs. "We're lucky to have many more tools available today than when I was growing up, so we can give our dogs the best in preventative health care," said Hinojosa. "We can take steps to keep them healthy and happy so they can live out as many days as possible alongside us on the ranch. They are part of the family.'

Visit veterinarian-founded ValleyVet.com for more information and to support the health of your pets, livestock and horse

Mar		Livesteek Saler
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1180		. O. Box 67, Marysville, KS 66508
		SEE OUR LATEST DETAILED MARKET REPORTS AND
		ND SPECIAL SALES: www.marysvillelivestock.com
STEER	IS/BULLS BEEF	Market Report for 5-20-21.
300-400#	\$170.00-\$160.00	544 Head Sold.
400-500#	\$160.00-\$151.00	
500-600#	\$155.00-\$145.00	
600-700# 700-800#	\$145.00-\$141.00 \$142.00-\$140.00	
800-900#	φ142.00-φ140.00 n/a	
900-1,000#	n/a	SUMMER SCHEDULE:
	FERS	May 27, 2021 - Dairy Influence Sale
300-400# 400-500#	\$168.00-\$157.00 \$157.00-\$150.00	
400-500# 500-600#	\$157.00-\$150.00	Julie 17, 2021 No Gale Julie 24, 2021 Hegular e
600-700#	\$135.00-\$124.00	
700-800#	\$125.00-\$120.00	10hr 20 2021 TBD
800-900#	\$115.00-\$106.00)
	e Bures, Auctioneer Jeff C	FIELDMEN cook Greg Anderson Trevor Lundberg Taylor Schotte Bill Keesecl

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Don't let the light go out on the beef indust

By Troy Marshall, American Angus Association

I'm not a cynic. In fact, I pride myself in being a full-blown optimist. My mom used to tell us that the pessimists were usually right, but it is the optimists that end up changing the world. So, it is against my nature to share the following statement: It is increasingly difficult to succeed in the cattle business

When I'm talking about success. I am not talking about strictly profits or providing well for one's family, even though those are pretty darn important. I'm talking about living with a purpose, being treated fairly in the marketplace, providing a great product, building a sense of accomplishment, and maintaining one's independence. These things, possible for everyone in the cattle industry.

It is more than just a little bit disturbing that if you gather a group of yeterans of the cattle industry (grizzly veterans), and get them to answer honestly. most of them will say that they think it is more difficult to succeed in this business than it has ever been; that the lights of the industry are growing dimmer

This frustration has led to a degree of lost hope. In part I think this has been fueled by a widening gap between the haves and have-nots. This gap has always existed, but never, ever, on this level. The gap is widening at a pace we have not experienced before. The coronavirus pandemic has accelerated these trends even more. I'm not so naïve that

at least at some level, are I believe we can rectify the situation by attempting to legislate our way back to the good old days. Rather, I believe that we can return optimism by better understanding how our marketplace works and providing the product that it is rewarding.

> There is no group of people who work harder than cattlemen, and those efforts should be rewarded with independence and sustainability.

What excites me is that the solution is not being issued by some powerful wave of innovation and disruption. Rather, it's simply about capturing the value that you have already created. There are subtle changes that have been occurring just under the surface that promise to transform our industry.

The economic drivers are not that difficult to figure out. The market demands quality; it rewards efficiency and growth in pounds. It expects us to raise our product in a way that the consumer can identify with and support. The difference is that the market is asking for objective and verifiable information on genetics and management. The AngusLink Genetic Merit Scorecard® is designed to document the genetic merit of a pen of calves so that buyers can have confidence in what they are buying. AngusLink's Process Verified Program (PVP) claims provide documentation and validity to certain marketing claims that give producers increased market access and market flexibility.

I am also a natural skeptic. I have always been one of those who say, "Prove it to me. Then I will do it." In 2019 producers enrolled in AngusLink generated more than \$2 million in premiums. In 2020 that went to more than \$4 million. In those two years alone, we saw premiums returned to producers total \$6.664.291. These numbers were game-changers for those who participated.

Documenting and validating the genetic merit of a set of calves through the Genetic Merit Scorecard will always have value. In the foreseeable future. we only see the premiums for cattle enrolled in the Angus Verified, all-natural and Global Animal Partnership (GAP) programs growing. In the future, I could foresee there being other programs that help producers differentiate their product as consumer demands evolve. I'm sure sustainability, animal welfare and environmental concerns will continue to be elevated in the buying decisions of consumers.

The market wants superior genetics and management (nutrition, health and animal handling); they want market access and market flexibility; and they want the opportunity to create additional premiums. The big change is simply in how they want that information communicated. In the past, we only had "reputation" and sincere promises. Today that information needs to verified, documented and presented in an objective manner.

Give us a call or visit us at anguslink.com to discuss how AngusLink can help to put the spotlight on your program and calves.

and armers ers: con n the comm ran By Wade Reh, River Valley people who support you

Extension District director/community vitality agent

With May being Mental Health Awareness Month. I wanted to encourage our farmers and ranchers to engage with their communities. Mental health has a wide scope and includes stress, mental exhaustion, and depression.

As a farmer or rancher, you have unique working hours starting before many have risen out of bed and often going late into the night. Further, you often work in isolation, with the pressures of your livelihood. This isolation has only been exacerbated during the pandemic. These long and inconsistent hours make it difficult to stay involved in your local community.

Community provides many elements that are critical to mental health, but here are three of the most beneficial aspects. Belonging - If you have ever felt like you do not fit in, you know it can be a lonely experience. Community provides a sense of belonging to a group you identify as being a part of. Support - Who do you turn to when you need something? Knowing there are

can help you feel cared for and safe and can benefit your outlook on life. Purpose - Having a purpose, and helping others, helps give meaning to life.

Community should be at the heart of farming and ranching. Building a strong foundation within your local community will help you stay connected. Here are some ideas to help you get more involved.

Youth organizations - Groups like 4-H and FFA encourage hands-on learning for youth. Getting involved in these organizations allows you to use your agricultural knowledge to help educate kids in your community and promote working in agriculture. There is an opportunity to present on topics you have a lot of passion about including livestock, farm safety, new farm technology, and more

Agricultural boards and organizations - No matter what you produce as a farmer or rancher there is a board and an organization for you. Your Church, Co-Ops, Farm Bureau, Conservation Districts, and of course Extension are just a few of many organizations that are always looking for engaged board members.

County fairs - From the exhibits to the presentations, county fairs are known for promoting agriculture and reminding the public of the important role that it plays in the community. Getting involved in the local county fair is a good way to not only connect with the community but also promote agriculture.

Field days - Is your local Extension office,



House: 3 bedroom, 2 story, 1.5 bath, living room, dining room, kitchen, w/partial finished basement well water, septic tank & lateral field, on 5+/- acres Legal Description: A tract of land in the Northwest Quarter of the Northeast Quarter of section Sixteer

(16), Township Thirteen (13) South, Range Four (4) East of the 6th P.M., Dickinson County, KS, described as follows: Begin-ning at the Northwest Corner of the Northeast Quarter of said section 16, Thence South along the said quarter section line a distance of 383 feet: thence East a distance of 554 feet, thence North a distance of 383 feet, thence West along the North line of said guarter section a distance of 554 feet to the point of beginning, containing 4.87 acres, more or less Taxes: Taxes for 2020 & all prior years will be paid by the seller. 2021 Taxes wil be prorated to date of possession. Closing will be on or before July 12, 2021. Terms: 10% DOWN SAY OF SALE. Balance due when merchantable Title and Warranty Deed are delivered. Property sells in As-Is condition. All buyer inspections must be done before day of Auction including Lead Base Paint. Sale is not contingent on the buyers obtaining finance. Escrow Fee will be divided equally between the seller and the buyer. For information or viewing contact Jay E Brown (785) 223-7555. Announcements & Statements made day of sale take precedence over all printed material. Broker & Auctioneer represent the seller. VEHICLES, TRAILERS & YARD EQUIP.: 1965 Chevy 1/2 ton 2WD pickup, auto V8, restored; 2002 Lincoln Continental, 4-dr sedan; Dodge Sportsman Van w/camper, boat w/trailer (needs work); 2 boat trailers converted into lawn mower trailers, 3 horse drawn buggys, wooden wheeled, (used for yard art); many lawn mowers & mowe parts. FURNITURE & APPLIANCES: Kenmore refrig; Kenmore gas range; Sharp microwave; single bed; sev. dressers; living room lamps sev. boxes of Household Items to Be Unpacked. TOOLS & MISC .: Wer ner fiberglass 6' stepladder; Craftsman wet/dry vac; 6 metal shelves Makita miter saw; Ryobi battery powered sawsall; B&D cordless drill; Duracraft bench grinder: 2 bench vises: Speed Air port, air compressor 110; Air Product 230 amp welder; band saw; Craftsman table saw 10" 5-drawer McCalls cabinet; sev. battery chargers; 2 metal work benches lawn mover lift; sev. belt sanders; bench top wood lathe; box of Dewalt cordless drill & sawsall w/batteries & chargers; sm. Craftsman air com pressor; sev. ext. cords; hand tools; misc. lumber & MORE

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*Personal Property Highlights: 2020 Case IH 100C w/loader and 2084 Landpride mower (both are like new with few hours!)





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On Thursday, May 20th, we had 319 head of cattle on a higher market.

S.	TEERS	F	IEIFERS	7 bkRd	608@125.00
	547@159.00	2 blk	518@145.00	3 blk	753@124.00
8 blk	623@158.00	4 blk	511@145.00	3 bkRd	828@120.00
7 bkbwf	681@146.00	3 blk	497@142.00	E	BULLS
7 bkbwf 3 Char	681@146.00 587@141.00	3 blk 6 blk	497@142.00 751@126.75	3 blk	BULLS 520@155.00 603@140.00

Butcher Cows: \$34-\$77.50, mostly \$64-74.00, very active. Butcher Bulls: \$77-\$103.00, mostly \$94-\$99.00, very active. Preg Cows: \$750-\$1.000.00.

BUTCHEF	RCOWS	4 blk	1251@66.00
2 blk bwf	1143@77.50	1 rbf	1410@64.50
1 blk	1530@76.50		
2 blk	1120@76.50	BUTCHE	R BULLS
1 blk	1640@76.00	1 blk Simm	2185@103.00
1 Gelv	1615@75.00	1 blk Simm	2025@102.00
1 blk	1725@74.50	1 Angus	2270@100.00
1 bwf	1490@74.50	1 blk	2170@99.00
1 bwf	1735@74.00	1 Char	2280@98.00
2 blk	1380@72.00	1 blk	1915@97.50
2 bkRd	1468@69.50	1 blk	1770@97.00
2 blk	1285@69.50	1 blk Simm	1950@96.00
2 bkbwf	1248@67.00	1 blk	2265@95.00
2 Beefmaster	1203@67.00	1 blk	2335@95.00

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Grass & Grain, May 25, 2021 Page 24 Kansas swine producers urged to participate in national survey

A Kansas State University livestock specialist is encouraging the state's swine producers to take the time to fill out a survey that they may be receiving in the next few weeks from the U.S. Department of Agriculture.

Joel DeRouchey, a swine specialist with K-State Research and Extension, said the USDA's National Agricultural Statistics Service is conducting a national study of large and small swine operations in the United States.

Producers from across the country are selected at random and asked to participate.

"Producers will be asked about health, production management practices, marketing and other hog farm topics specific to their operation," DeRouchey said. "The information gleaned from these studies helps to combat misinformation, such as housing types, the use of medication and other topics.'

All of the information provided by producers is confidential and used only in the aggregate, DeRouchey said.

NASS reported that approximately 5,000 swine operations from 38 states have been asked to par-

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For the study on large swine operations - or those with more than 1,000 pigs - NASS has randomly selected nearly 2,700 operations from 13 of the nation's top swine-producing states. They represent about 90% of the large swine operations in the country.

This is the third time that NASS has conducted a study on small operations, and sixth time on large operations. Similar surveys have been conducted in the United States for more than 30 years.

"Data from the 2021 survey will be compared to data collected in 2007 and 2012 to provide information on industry trends in animal health, management practices, marketing and other topics dealing with practical aspects of a hog farm," DeRouchey said.

He added that it is advantageous for Kansas producers to participate in these types of surveys.

"One main reason is that their operations will be reflected in national estimates of management or

productivity, which then reflects on what is done throughout the entire U.S. swine herd," DeRouchey said. "These estimates are useful in trade negotiations and educating policy makers.

Kansas producers who were selected to participate may already have been contacted about the survey. Officials with NASS indicate that the survey should reach the state's producers during the week of June 15.

Persons interested in more information about the upcoming surveys can contact their local K-State Research and Extension office

Grass	s & Grain	We	ather	Repo	ort		N	/lay 2	.6, 2	2021
Seven 1	Day Forecast	In-	Depth L	ocal Fore	cast	T	oday's Lo	ocal Outl	ook	
	WEDNESDAY Scattered T-storms High: 81 Low: 63	a 65% thunders humidity	6 chance torms, high 7 of 60%. So	of show temperature uth southeast	ers and of 81°, wind 1 to	Washington 79/65				
and a	THURSDAY	today is	101° set in 2	018.						2005
Cart a	Scattered T-storms High: 83 Low: 66	L	ast Weel	ζ's Alman	ac		nter 🧃			ny yry
@ 蒙林 绿	FRIDAY Pardy Cloudy High: 84 Low: 65 SATURDAY Few Showers High: 81 Low: 64 SUNDAY Cloudy High: 78 Low: 59	Date 5/14 5/15 5/16 5/17 5/18 5/19 5/20 Rainfall Normal 1 Departur Average Average	Hi/Lo 73/54 77/59 68/61 72/62 79/64 74/65 72/65 72/65 rainfall temp normal	Normals 76/51 76/51 76/51 76/52 77/52 77/52 77/53	Precip 0.23" 0.04" 2.67" 0.00" 0.30" 0.30" 0.09" 3.38" 0.88" 0.88" 68.1° 67.5° 64.1°		Ogden 81/63 Jun 82/6	81/63 ection City i4	SI	1/63
-	MONDAY			Т	his Week	's Sun & M	oon Char	t		
Time	Few Showers High: 76 Low: 60	Full 5/26	Mar .	Day Wednesday Thursday	<u>Sunrise</u> 6:05 a.m. 6:04 a.m.	<u>Sunset</u> 8:42 p.m. 8:43 p.m.	Moonrise 9:23 p.m. 10:37 p.m.	Moonset 6:11 a.m. 7:00 a.m.		New 6/10
	TUESDAY Mostly Cloudy High: 73 Low: 54	Last 6/2	(In the second s	Saturday Sunday Monday Tuesday	6:04 a.m. 6:03 a.m. 6:03 a.m. 6:02 a.m. 6:02 a.m.	8:44 p.m. 8:44 p.m. 8:45 p.m. 8:46 p.m. 8:47 p.m.	11:42 p.m. Prev Day 12:36 a.m. 1:20 a.m. 1:55 a.m.	9:03 a.m. 10:12 a.m. 11:21 a.m.	5	First 6/17
L	ocal UV Index	Forecast In-Depth Local Forecast Today we will see mostly cloudy skies with a 65% chance of showers and thundersoms, high temperature of 81%, high 10° south southeast wind 1 to a minh. The record high temperature for today is 101° set in 2018.Today's Local OutlookBlue RapidsSeneca 82/61Blue RapidsSeneca 82/61Blue RapidsSeneca 82/61Blue RapidsSeneca 82/61Clay Center 82/62Mathematical ScienceDate Subscience 5/15TURDAY 5/15TURDAY 5/15TURDAY 5/15TURDAY 5/16Cloudy shi 81 Low: 66Full Subscience Full Subscience Fol Low: 60Torday for 20 min 5/16This Week's Sun & Moon ChartWeednesday 6:05 a.m. 6:05 a.m.Sunday 6:05 a.m. 6:05 a.m.Sunday 6:05 a.m. 8:42 p.m.Operature 9:23 p.m.New 6:10 a.m. 6:10 a.m.Naturday 6:05 a.m. 6:05 a.m.Sunday 6:05 a.m. 6:05 a.m.May 6:00 a.m. 8:44 p.m.1:42 min 9:23 p.m.Moonset 9:20 a.m. 6:10 a.m.TURDAY 9:21 p.m.Sunday 6:02 a.m. 6:03 a.m. 8:44 p.m. <th< td=""></th<>								
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We sold 1137 cattle May 18. Steer & heifer calves sold				STOCKER & FE	EDER HEIFERS	2 blk cows	1568 @ 71.50	1 blk cow	1115 @ 55.00	3 blk cows/cvs	@ 1700.00
at steady prices. Feeder steers & heifers were steady to			79 blk/red hfrs	681 @ 145.25	2 blk/bwf cows	1373 @ 71.00	2 blk cows	1080 @ 54.50	8 blk cows/cvs	@ 1575.00	
\$2.00 higher. Cows & bulls were steady to \$2.00 higher.			23 blk/bwf hfrs	571 @ 141.00	4 blk cows	1678 @ 70.50	6 blk cows/cvs			@ 1400.00	
			17 blk hfrs	636 @ 140.00	1 blk cow	1480 @ 70.00	BRED COWS 1 bwf cow/cf			@ 1350.00	
		62 blk/bwf strs	875 @ 134.10	7 x-bred hfrs	587 @ 138.00	1 blk cow	1578 @ 68.50	1 blk cow	@ 1300.00	1 blk cow/cf	@ 1175.00
1 bwf str	335 @ 182.00	65 mix strs	845 @ 132.00	5 blk hfrs	557 @ 134.00	1 wf cow	1845 @ 68.00	1 bwf cow	@ 1200.00	3 blk/bwf cows/cv	s @ 1125.00
1 bwf str	385 @ 180.00	8 blk/sim strs	858 @ 129.00	2 blk hfrs	555 @ 132.00	1 blk cow	1320 @ 67.50	4 blk cows	@ 1175.00	1 blk cow/cf	@ 975.00
1 blk bull	385 @ 180.00	61 mix strs	963 @ 126.10	4 blk/bwf hfrs	580 @ 132.00	1 blk cow	1325 @ 67.00	1 x-bred cow	@ 1025.00	BUL	LS
1 blk str	460 @ 172.00	3 blk strs	1030 @ 126.00	4 blk hfrs	599 @ 132.00	1 blk cow	1195 @ 66.50	1 blk cow	@ 1000.00	1 blk bull	1955 @ 92.50
2 blk bulls	448 @ 170.00	120 mix strs	971 @ 125.85	59 blk/red hfrs	825 @ 125.75	2 blk cows	1365 @ 65.00			1 blk bull	1925 @ 91.00
12 blk strs	527 @ 169.00	4 red strs	706 @ 125.00	59 blk/red hfrs	828 @ 124.60	3 blk cows	1175 @ 64.50	COW/CA	LF PAIRS	1 blk bull	1420 @ 82.00
4 red strs	525 @ 166.00	7 blk/char strs	856 @ 125.00	6 blk hfrs	843 @ 124.00	1 red cow	1260 @ 64.00	6 blk cows/cvs	@ 1825.00	1 blk bull	1645 @ 78.00
2 blk bulls	443 @ 162.00	19 blk strs	954 @ 124.00	57 mix hfrs	814 @ 122.00	1 blk cow	1210 @ 63.50				
3 blk bulls	503 @ 159.00			23 blk/char hfrs	931 @ 115.00	3 blk/bwf cows	1233 @ 62.50	CONSI	GNMENT	S FOR MA	Y 25 :
3 blk strs	497 @ 156.00		CALVES			1 blk cow	1230 @ 62.00				
4 blk/red strs	474 @ 153.00	15 blk hfrs	464 @ 151.50	COWS & HE	IFERETTES	1 blk cow	1260 @ 61.50			3-5 yr old cow	s, lali breu
1 blk str	535 @ 151.00	1 bwf hfr	425 @ 150.50	1 blk hfrt	945 @ 106.00	2 blk cows	1360 @ 60.00	August-Se	ptember calv	es.	
2 blk bulls	533 @ 149.00	6 blk hfrs	412 @ 149.50	2 blk/bwf hfrts	860 @ 78.00	1 sim cow	1095 @ 59.50	• 10 Anous	hred hfre	OCV'd vaccir	ated hred
		1 blk hfr	440 @ 146.00	2 blk cows	1458 @ 75.50	1 blk cow	1185 @ 59.00				
	EDER STEERS	1 blk hfr	360 @ 145.00	2 blk cows	1425 @ 74.50	2 blk cows	1200 @ 58.00	Mill Brae	Low Birth v	veight bull sta	art calving
5 blk strs	566 @ 160.50	1 blk hfr	355 @ 144.00	1 wf cow	1500 @ 74.00	1 bwf cow	1015 @ 57.50	September	r 1st.	-	-
6 blk strs	574 @ 158.00	1 bwf hfr	250 @ 143.00	1 blk cow	1450 @ 73.50	1 wf cow	1090 @ 57.00	1 *		500 lbs	Instad
6 blk/char strs	563 @ 153.00	6 blk/red hfrs	505 @ 142.00	1 blk cow	1305 @ 73.00	1 blk cow	1350 @ 56.50			500 lbs., vacc	
5 blk/bwf strs	600 @ 150.00	1 red hfr	450 @ 141.00	1 blk cow	1300 @ 72.50	2 blk cows	1160 @ 56.00	• 25 blk strs	s & hfrs 500-	600 lbs., vacc	inated
2 red strs	603 @ 148.00	2 blk hfrs	353 @ 140.00	3 blk cows	1412 @ 72.00	1 blk cow	1140 @ 55.50		r strs 850-87	•	
1 bwf str	605 @ 147.00	7 blk/red hfrs	546 @ 135.00		TOULOU						
1 blk strs	635 @ 146.00	5 blk/bwf hfrs	548 @ 134.00			R AUCTIO		• 60 blk str	s 950-975 lbs	5.	
5 blk strs	704 @ 136.00	2 blk hfrs	503 @ 133.00			Auctions.	com	• 61 blk x-h	red strs 950-	975 lbs.	
60 blk strs	861 @ 134.25						COIII		104 5015 000	0101051	

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to WWW.glassanuglall.COM & logging onto the online subscription

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AUCTIONEERS: DENNIS REZAC & REX ARB



Livestock Commission Company, Inc.