

Kansas cattle reaching the Empire State

Kansas is one of nine states where the cattle population is larger than the human population. Consequently, the general public in Kansas has an overall positive outlook on beef and the beef industry. This unique combination allows for the Kansas Beef Council (KBC) to partner with the Nebraska Beef Council and fund nutrition programming at the New York Beef Council (NYBC).

New York is a state with a high population but a low cattle inventory. Being home to one of the top-five most populous cities, it is extremely important to connect with health and nutrition professionals in New York to provide accurate and scientific information on beef.

One of the new programs NYBC helped sponsor was an "Intern Competency Workshop" for dietetic interns.

This training included beef messaging to help equip attendees with the knowledge they need to address challenging questions about beef nutrition, thus enabling them to share accurate information with future clients and patients.

After the workshop, participants reported a significant increase in their knowledge about beef and expressed a greater likelihood of recommending beef more often to clients.

Additional outreach opportunities included sponsoring and attending the New York State Academy of Nutrition Dietetics annual meeting. At this event, NYBC had a booth where they could engage with the health professionals about nutrition research, sustainability and promote "beef in the early years" content.

NYBC also collaborated with NCBA to promote the "Strong Minds, Strong Bodies" toolkit program. These toolkits, which discuss the benefits of consuming beef throughout all life stages, were sent to physicians and pediatricians throughout New York.

The practitioners who received the kits were asked to fill out a survey about their opinions and thoughts on current nutrition trends within the state. Only 54% of those who took the survey believed that the national school lunch program is balanced and helps children perform their best throughout the day. Additionally, 91% of the practitioners have recommended or intend to recommend beef for school-aged children due to the materials received.

Phenotype-Genotype Show grows interest in National Junior Angus Show

Can something really be the best of both worlds? When it comes to evaluating phenotypes and genotypes of cattle, there is a show that looks for the answer.

The Phenotype-Genotype Show, or PGS for short, asks judges to evaluate cattle based on looks and expected performance through EPDs. In its fourth year at the National Junior Angus Show (NJAS), the PGS slowly, but surely grows.

"Part of the Phenotype-Genotype Show is providing juniors an educational opportunity to learn about EPDs and \$Values as part of the process in selecting seedstock," said Caitlyn Brandt, American Angus Association® director of events and junior activities. "The PGS brings the selection of an animal for the show ring full circle."

The first PGS held at the NJAS was in 2020 during the COVID-19 pandemic, and 76 exhibitors entered. By 2023 for the

NJAS in Grand Island, Nebraska, numbers rose to 100 exhibitors.

Oklahoma junior Gage Long has participated in all four of the National Junior Angus Shows that have had a PGS and the Eastern Regional Junior Angus Show's PGS several times, and this year he exhibited the grand champion female in the national PGS.

"The grandma to this heifer that won here, she was a division winner at the Eastern Regional," he said, explaining the lineage. "Then this heifer's mom was the first PGS winner at nationals."

The banners and recognition are nice, but Long said he enjoys the show's added emphasis on production and the teamwork he experiences with his family.

"I like being able to breed them, see the numbers and how it all shakes out," he said. "It's a team effort on everything. It takes all of us at home to get them ready, to breed

them, halter- break them and get them clipped up and everything for the show."

He sees himself in the seedstock business longer term and said he finds the aims of the PGS are well-aligned with his herd goals. Both of Long's heifers at the 2023 NJAS were also shown as bred and owned.

"We've always been doing this, aiming for the numbers and trying to get production out of them," Long said.

Other juniors identify with this as well and are attracted to participating. North Carolina junior Maddie Carpenter is one such member. She says the PGS is a better match for her and her family's herd strategy than typical shows.

"We want to make sure that they have the structure, the look in the show ring, and that they can also produce," Maddie said.

She first became involved with the PGS program when North Caro-

lina hosted the Eastern Regional show in 2021. She then went to NJAS to watch a PGS show and compete in some of the contests without cattle. In 2022, Carpenter was all in, showing at the Eastern Regional PGS and the NJAS's PGS in Kansas City.

"Before the PGS, we would normally just pick the prettiest one, even if it didn't have good (EPD) numbers," she said. "Now that we're more involved with the PGS, we do take and print out all of the heifers' numbers and we will mix looks with the best numbers. The look does play a lot into it, but the judges want to see the numbers as well."

Both of Carpenter's heifers benefitted from the inclusion of genotype placings during the show.

"One of my heifers placed third in genotype and third in its class, and she was sixth or seventh in phenotype," she said. "That was super-rewarding. Not only did you put time into her to make her

look pretty, but she also had something behind her to tell the judge she's good, and she's going to go home and make a good cow."

Carpenter takes an active role in helping with herd management, learning all that she can. Although, she cannot show her females as bred and owned because the cattle are registered in her grandpa Bruce Shankle's name, she said she likes the change to highlight bred and owned winners at this year's show. When she saw the announcement about the addition to select bred-and-owned champions during the PGS, she immediately called her grandpa to share.

"It's a good way to showcase the work that you've put in," she said. "Most of the PGS winners this year were actually bred and owned heifers, and I think that's awesome because they're getting to show and make sure everyone knows it's from your cow."

With the show being

a newer addition to the Angus junior programs, American Angus Association® board member Mark Ahearn, who serves as the junior advisor to the National Junior Angus Association board and chairman of the activities committee, finds himself answering an increasing number of questions about the PGS.

"We're getting more and more interest, and what I think is positive is we're getting more questions," he said. "This show week I've had people stopping me in the barns and asking about it."

He said facility and staff challenges come with the addition of a second ring, used to hold the PGS, but he remains optimistic.

"I think we're prepared to expand this in the future if interest continues," Ahearn said. "I envision in the next few years, we're going to capture a whole other group of juniors that are going to be excited to show in this."

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We had a hot, high heat index day for our sale held on Friday, August 11th. Light steers and heifers were in short supply and were selling at fully steady prices. Most of the stocker feeder cattle were unweaned Fall calves which were finding good interest according to quality and condition. Cull cows sold steady with several low dressing cows offered.

BULL & STEER CALVES

Tonganoxie	6 blk	407@329.00
Manhattan	3 blk	266@326.00
Tonganoxie	6 blk	293@325.00
Frankfort	4 blk	398@302.00
Manhattan	3 blk	486@301.00
Belvue	10 blk	538@296.50
Manhattan	4 blk	535@292.00
Junction City	8 Red Ang	546@290.00
Alma	3 blk	508@283.00
Frankfort	8 blk	539@282.50
Randolph	10 blk	527@280.00

FEEDER STEERS

Leavenworth	22 blk	594@298.00
Onaga	14 blk	563@288.00
Belvue	15 blk	592@285.00
Alma	7 blk	592@284.00
Manhattan	12 Cross	653@283.00
Randolph	21 blk	654@280.75

Junction City	7 Red Ang	592@275.50
Manhattan	9 blk	573@273.50
Alma	16 blk	623@273.10
Alma	8 blk	686@273.00
Tonganoxie	9 blk	631@273.00
Junction City	6 blk	640@269.00
Alma	31 blk	662@266.50
Frankfort	7 blk	652@265.00
Onaga	4 blk	710@264.00
Alma	19 blk	728@264.00
Frankfort	7 blk	616@263.00
Alta Vista	11 blk	638@262.00
Tonganoxie	8 blk	717@261.00
Junction City	7 blk	628@260.00
Leavenworth	9 blk	743@259.00
Alma	73 blk	810@258.50
Alma	35 blk	746@258.00
Junction City	6 blk	752@255.00
Barnes	6 blk	640@255.00
Topeka	7 Char	687@254.00
Manhattan	3 blk	775@253.00
Burns	3 Cross	635@252.00
Frankfort	4 blk	657@252.00
Alma	23 blk	790@251.50
Alta Vista	23 blk	819@248.50
Frankfort	12 Cross	851@248.50
Alma	3 Cross	618@248.00
Alma	19 blk	813@246.50
Manhattan	7 blk	805@246.00
Burns	18 Cross	769@243.00

Randolph	14 Cross	823@236.50
Barnes	7 blk 792@236.00	Chapman
4 blk	731@234.00	
Manhattan	3 blk	550@220.00
Wheaton	4 Cross	988@213.00

HEIFER CALVES — 350-550 LBS.

Tonganoxie	8 bwf	359@288.00
Marion	4 Red Ang	378@285.00
Balvue	14 blk	497@278.00
Manhattan	5 blk	506@270.00
White City	13 blk	509@269.00
Randolph	9 blk	498@260.00
Elmdale	5 Cross	543@256.00
Junction City	4 Red Ang	481@248.00
Barnes	6 blk	545@210.00

FEEDER HEIFERS — 550-850 LBS.

Belvue	9 blk	556@269.00
Onaga	4 blk	575@264.00
Alma	4 blk	593@264.00
Randolph	7 blk	581@264.00
Alma	4 blk	628@263.00
Manhattan	5 blk	603@262.00
White City	30 blk	606@258.50
Manhattan	7 blk	627@258.00
Topeka	9 Char	624@254.00
Randolph	11 blk	625@253.00
Tonganoxie	9 blk	611@253.00
Ottawa	4 blk	628@253.00
Alta Vista	5 blk	625@252.00
Esckridge	5 blk	655@247.00
Alma	27 blk	715@246.00
Manhattan	4 blk	583@246.00
Alma	17 blk	673@245.00
Esckridge	11 blk	690@243.00
Junction City	6 Red Ang	652@239.00
Chapman	5 blk	723@230.00
Barnes	8 blk	706@230.00
Baileyville	25 Cross	788@229.50
Burns	14 blk	720@223.00
Alta Vista	6 blk	727@222.00
Junction City	5 blk	718@221.00

Tonganoxie	3 blk	735@214.00
Louisburg	3 Herf	746@187.00
Manhattan	6 Hols	850@158.00

COWS & HEIFERETTES — 850-1575 LBS.

Maple Hill	1 blk	1055@176.00
Oskaloosa	1 Cross	1290@143.00
Melvern	1 blk	1335@127.00
Manhattan	1 blk	1560@125.00
Valley Falls	1 blk	1460@124.00
Olsburg	1 blk	1380@121.00
Olsburg	1 blk	1370@120.00
Manhattan	1 blk	1455@119.00
Manhattan	2 blk	1550@118.00
Barnes	1 blk	1395@116.00
Alma	1 blk	1450@115.00
Olsburg	1 blk	1575@112.00
Alma	1 blk	1340@110.00
Valley Falls	1 blk	1425@110.00
Goff	1 blk	1205@107.00
Barnes	1 blk	1215@106.00
Melvern	1 blk	1145@105.00
Oskaloosa	1 blk	1340@104.00
Barnes	1 blk	1120@104.00
Oskaloosa	1 blk	1230@103.00
Alta Vista	1 blk	1300@101.00
Oskaloosa	1 blk	1185@98.00
Oskaloosa	1 blk	1335@96.00
Allen	1 blk	1255@94.00
Alta Vista	1 blk	1255@93.00
Allen	1 blk	1015@93.00
Wheaton	1 blk	870@91.00
Allen	1 blk	1280@85.00

BULLS — 875-2150 LBS.

Louisburg	3 Herf	923@195.00
Louisburg	1 Herf	890@184.00
Louisburg	1 Herf	890@176.00
Goff	1 blk	1960@129.00
Goff	1 blk	1660@127.00
Allen	1 blk	2140@124.00
Goff	1 blk	1710@123.00
Olsburg	1 Herf	1510@118.00

EARLY CONSIGNMENTS FOR AUG. 18

SELLING AT 11:00 A.M.

- 64 Fall cow herd dispersal of mostly home raised Vermillion, Mill Brae & River-creek genetics cows, 3 yrs to SS, Vermillion Ranch registered Angus bulls turned in Dec. 1 for 60 days.
- Steve & Darla Miles of Basehor, KS - Complete dispersal of 87 Purebred Angus Fall calving cows, bred heifers, & open replacement heifers consisting of: 23 1st calf hrs, 30 mo; 24 2nd calf hrs; 30 Cows, 4-8 yrs; 10 Open replacement hrs. This is a quality set of front pasture, home raised, gentle Fall calving cattle, bred Registered Angus bulls to start calving Sept 15. Current on all vaccinations. Don't miss the opportunity to buy these!

- 46 Choice home raised Ang & Simm Ang str & hrs, 2 rds shots, weaned May 1, 600-750#
- 12 Blk hrs, long weaned, off grass, bunk broke, 700-750#
- 75 choice blk bwf & Red Ang (15) cows, 3-5 yrs, bred Ang & blk Sim bulls for Aug.-Oct. calving.
- 20 Rep Blk hrs, weaned May 1, shots & wormed at weaning, off native grass, 550-600#

EARLY CONSIGNMENTS FOR AUG. 25:

- 65 Blk & BWF str & hrs, 2 rds shots + pasturella, no implants, 650-700#
- 25 SimAng str & hrs, weaned May, 2 rds shots, 600-850#
- 50 Choice Blk feeder hrs, off grass, 825-875#

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Kansas Hay Market Report

Proud sponsors of the Kansas Hay Market Report are Bestifor and Yoder Seed Cleaning.

Compared to the last report, demand and trade activity remains slow, prices were steady. The state is divided in two, between the "haves and the have nots." Those who HAVE gotten the bulk of the rain this summer, and who reside in the southwest and northeast regions, have an abundance of grinding quality hay, and fall crops look good. Those who HAVE NOT received much rain, are struggling to get any type of hay put up, yields are light, ponds are going dry, and crops are going backwards. These folks generally reside diagonally across the state from Norton County to Montgomery County. According to the U.S. Drought Monitor for August 1st, precipitation was mixed in the region for the week. Areas for most of Kansas and eastern Colorado were below normal. Temperatures were above normal for the week along with some areas of high dew point temperatures too. Departures were generally two to four degrees above normal for the week, with areas of central Kansas six to eight degrees above normal. The categorical percent area for abnormally dry conditions (D0) remained at 16%, moderate drought (D1) remained near 24%, severe drought (D2) remained at 18.5%, extreme drought (D3) remained near 25.5%, and exceptional drought (D4) remained near 4%. Join agriculture leaders from across the state for the Kansas Governor's Summit on Agricultural Growth August 16th and 17th. For more information about the Summit and registration, go to www.agriculture.ks.gov/Summit.

Southwest Kansas

Dairy alfalfa steady; grinding alfalfa and ground and delivered steady; movement slow. Alfalfa: Dairy, 1.40-1.50/point RFV. Good, Stock or Dry Cow 220.00-280.00. Fair/good grinding alfalfa, large rounds, new crop 250.00-260.00, fair/weedy/grassy large rounds 180.00-190.00, large square 3x4's and 4x4's new crop 250.00-260.00. Ground and delivered locally to feed lots and dairies, new crop 280.00-290.00. Grass Hay: Bluestem: none reported. Oat hay, new crop 3x4's 160.00-170.00; Teff large rounds 180.00-185.00; Corn stalks, ground and delivered 180.00-195.00. The week of 7/30-8/5, 5,870T of grinding alfalfa and 25T of dairy alfalfa was reported bought or sold.

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and alfalfa pellets steady; and movement slow. Alfalfa: horse, small squares 12.00/bale; Dairy 1.40-1.50/point RFV. Good, Stock cow, 295.00-305.00. Fair/good grinding alfalfa, large rounds new crop 250.00-260.00 delivered, 3x4 and 4x4's new crop 250.00-260.00 delivered. Alfalfa ground and delivered 280.00-290.00; Alfalfa pellets: Sun cured 15 pct protein 320.00-335.00, 17 pct protein 340.00-350.00, Dehydrated 17 410.00-420.00. Grass hay: Bluestem, large rounds 130.00-140.00, large squares, new crop 150.00-160.00, small squares 9.50-10.50/bale; Brome, new crop large rounds 165.00-185.00, large square 3x4's and 4x4's 175.00-185.00, small squares 11.50-12.50/bale; Oat hay, large square 3x4's 195.00-205.00 delivered, oat/straw, large rounds, 100.00 FOB. Mixed grass CRP large rounds, 115.00-125.00. Wheat straw, large rounds 125.00-135.00, small squares 5.00-6.00/bale. The week of 7/30-8/5, 7,050T of grinding alfalfa and 0T of dairy alfalfa was reported bought or sold.

Southeast Kansas

Dairy alfalfa and grinding alfalfa steady, grass hay mixed, movement slow. Alfalfa: horse or goat, none reported. Dairy 1.40-1.50/point RFV. Good, stock cow 270.00-280.00 delivered. Fair/good grinding alfalfa, large square 3x4 270.00-280.00; Grasshay: Bluestem, small squares, 180.00-190.00/ton (up), large square 3x4 165.00-175.00 (dn), large round 145.00-155.00. Brome, large square 175.00-185.00 (dn). The week of 8/5, 639.5T of grass hay was reported bought or sold.

Northwest Kansas

Dairy alfalfa and grinding alfalfa, steady; movement slow. Alfalfa: Horse or goat, small squares none reported, 3x3 squares 300.00 new crop 1st cutting. Dairy, Premium/Supreme 1.40-1.50/point RFV. Stock cow, fair/good 295.00-300.00. Fair/good grinding alfalfa, large square 3x4's 250.00-255.00. Alfalfa ground and delivered 280.00-300.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered, grass steady; movement slow. Alfalfa: Dairy 1.40-1.50/point RFV; Horse hay, premium small squares, 13.00/bale, 3x4's 290.00-300.00; Stock Cow 3x4's 230.00-240.00; Fair/good, grinding alfalfa, large rounds 245.00-255.00, large square 3x4's 240.00-255.00. Alfalfa ground and delivered 275.00-300.00; Grass hay: Bluestem, small squares new crop 8.00-9.00/bale, large 3x4 squares 150.00-160.00, good large rounds 150.00-200.00. Brome: small squares 10.00-11.00/bale, large rounds, 135.00-145.00 (dn), large square 3x4's 185.00-195.00. Wheat straw: large rounds 110.00-125.00, large squares 120.00-130.00. Corn stalks: large squares 100.00-125.00 FOB. The week of 7/30-8/5, 950T of grinding alfalfa and 395T of dairy alfalfa was reported bought or sold. **Prices above reflect the average price. There could be prices higher and lower than those published.

***Prices are dollars per ton and FOB unless otherwise noted. Dairy alfalfa prices are for mid and large squares unless otherwise noted. Horse hay is in small squares unless otherwise noted. Prices are from the most recent sales. *CWF

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**TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage).

Source: Kansas Department of Agriculture-Manhattan, Kansas. Kim Nettleton, 785-564-6709.

Insult to injury: spider mites thrive during droughts

Once fields experience drought-like conditions, a door is opened for a number of pests and diseases. One such pest, the two-spotted spider mite, thrives during extended periods of drought with accelerated spider mite movement and reproduction.

Two-spotted spider mites damage crops by piercing plant leaves and feeding on the plant juices. Mites are almost impossible to see with the naked eye, but the result of their feeding is visible to farmers.

"Yellowing or speckling on soybean leaves is a good indicator of spider mites," said Scott Gard, Pioneer field agronomist. "The mites remove moisture and nutrients from the plants, resulting in the yellowing color growers can see."

To confirm the presence of spider mites, growers can utilize a hand lens or conduct a paper test.

Shaking a few soybean leaves onto a white piece of paper should show tiny orange- to yellow-colored mites slowly moving on the paper.

There is limited information regarding potential economic threshold for two-spotted spider mite infestations in soybeans, which makes treatment decisions challenging. Some Extension sources suggest treating spider mites if 20% to 50% of the leaves are discolored before pod set. After pod set has begun, that threshold drops to 10% to 15%.

If hot and dry weather persists, spider mite populations will rise. Detecting outbreaks early allows for effective early treatments and control.

Chemical control of spider mites is challenging. While some pyrethroid products may suppress spider mite activity, nearly all synthetic pyrethroid products also have a detrimental effect on spider mite predators.

For optimal population control, growers should use high pressure and a high volume of carrier to achieve thorough coverage and penetration of the crop canopy. Treated fields need to be re-scouted five to ten days following application. A second application might be necessary to pick up any newly hatched spider mites.

Conditions can change quickly depending on environmental conditions. Heavy rainfall or changes in temperature, humidity or crop conditions may warrant a re-evaluation of mite populations before treatments are made.

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KS State Fair Issue (BOGO Half Price) - August 29th

Fall Harvest (4 week series) - starts September

Fall Full of Bullz - September 12th

G&G Farm Show Edition - October 31st

Soil Health - November 7th

Christmas Business Greetings - December 19th

DEADLINES:

KS State Fair Issue - August 23rd, before Noon

Fall Harvest - August 30th, before Noon

Fall Full of Bullz - September 6th, before Noon

G&G Farm Show Edition - October 25th, before Noon

Soil Health - November 1st, before Noon

Christmas Greetings - Dec. 13th, before Noon

**Keep watching for 2024
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RCLA Summer Tour to be held August 27 at River Creek Farms

The Riley County Livestock Association will host their summer tour at 5:00 p.m. on Sunday, August 27, 2023 at River Creek Farms near Zeandale. River Creek Farms is a purebred seedstock operation featuring Simmental and SimAngus genetics. The Mertz family

history in the area – Waunsee and Riley Counties – dates back to 1890. The tour of River Creek will begin at 5:00 p.m. on August 27 at the ranch, located at 7160 Zeandale Road, Manhattan. The Mertz headquarters is located approximately ten miles east of Man-

hattan on K-18. Participants will meet at the River Creek headquarters for the tour, then will travel across K-18 and ¼ mile east to the Mertz's historic rock barn for supper. Participants are asked to bring their own lawn chairs as seating during the meal.

Supper will be provided at no charge, courtesy of the Riley County Livestock Association. Reservations are needed by August 24 and can be made online at www.riley.ksu.edu, or by calling the Riley County Extension Office at 785-537-6350.



Lily Judd, center, received the Tony Hayek Memorial Award at American Gelbvieh Junior Association (AGJA) Junior Classic in Huron, S.D.

Lily Judd receives Tony Hayek Memorial Award

Each year the Tony Hayek Memorial Award is presented at the American Gelbvieh Junior Association (AGJA) Junior Classic to the exhibitor of the Champion Bred and Owned Gelbvieh Heifer. This year's recipient at the 2023 AGJA Great Dakota Classic held in Huron, South Dakota, was Lily Judd of Pomona.

The Tony Hayek Memorial was established 20 years ago. Tony loved cattle, kids and having a good time. Junior Nationals was his family vacation nearly every year. Tony's children Tina, Stan, Shellina and Janelle were all active in the Junior Gelbvieh Association. Three of the four have chosen to continue with their own herds (Cib's Gelbvieh, Herink Gelbvieh and Taubenheim Gelbvieh). Tony's influence in the breed lives on through his kids and grandkids as they participate in many shows and other Gelbvieh activities.

Tony was passionate about Gelbvieh cattle and knew the breed's future was in the hands of the younger generations. He found great joy in teaching the youth about the Gelbvieh breed and helping them with their livestock projects. He loved watching his kids exhibit cattle, but he always wanted them to understand the skills that are needed outside of the show ring to breed quality cattle. Showing cattle takes a great deal of skill, but competing in the bred and owned division takes that skill to a much higher level. It is for that reason the Bred and Owned show was always one of his favorites.

Congratulations, Lily Judd, on achieving the Champion Bred and Owned Gelbvieh Heifer honor. Tony would be very proud of your dedication to breeding outstanding Gelbvieh genetics.

American Lamb industry adds third holiday season

The American Lamb Board (ALB) continues to work to increase usage of lamb during the summer season with outdoor cooking campaigns. Most consumers associate lamb with holidays and special occasions. This summer's campaign, Backyard BaaaBQ, is designed to make lamb an approachable choice for summer parties and to educate consumers about outdoor cooking techniques such as grilling and smoking.

Through August, ALB is using a number of digital strategies to launch its Backyard BaaaBQ promotion, featuring American Lamb burgers, kabobs and chops. Backyard BaaaBQ is reaching consumers through social media posts and ads, email newsletters and food blogs. Check out the ALB consumer site for outdoor grilling and smoking recipes and videos.

"An American Lamb Board strategic marketing goal is to get people thinking about lamb outside of the usual holiday times," said Peter Camino, ALB chairman from Buffalo, Wyo. "We're introduc-

ing a new promotion this summer that extends our successful adventurous, simple and approachable eating theme."

Several ALB online food influencers are contributing to the campaign, focusing on easy, approachable, summer grilling recipes. ALB recruited Grill Momma, a new influencer with 82,000 followers and the ability to make grilling fun and easy, to develop two new summer grilling recipes and videos:

- Butterflied leg of lamb salad
 - Curry lamb kofta kebabs with coconut lime dipping sauce
- Camino points out that Backyard BaaaBQ targets current and likely American Lamb consumers, summer entertainers/party hosts, at-home weekday cooks and anyone who likes to grill. "Backyard BaaaBQ is all about encouraging consumers to enjoy American Lamb outside of the usual holidays. Summer outdoor grilling is definitely the new third season for American Lamb," says Camino.

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LIVE ON-SITE CONSIGNMENT AUCTION SATURDAY, AUGUST 26, 2023 * 9:00 AM

LOCATION: 100 Industrial Parkway, GALLATIN, MISSOURI 64640
Located 1 mile West of Gallatin on Hwy. 6, Gallatin Industrial Park

PLEASE NOTE: PARTIAL LISTING. MORE TO ADD NEXT WEEK, OR CHECK ONLINE FOR THE UP TO DATE LISTINGS. EXPECTING 1,000 PIECES, MANY INDIVIDUAL CONSIGNMENTS, RETIREMENT, ESTATES, SELLOUTS

- TRACTORS, LOADERS (Expecting 75-100 Tractors)**
John Deere
'12 JD 8360R, Cab, MFWD, F and R Duals, IVT, 6346hrs
JD 8270R, Cab, 4x4 Duals, 8898hrs
JD 9520, 4wd, duals, recent OH, Bareback 5114h
JD 5085E w/Ldr, Cab, Mfwd, 997hrs
JD 6105M w/Loader, MFWD, 4634hrs
JD 7130, LDR, MFWD, 16spd, 2090hrs
JD 6430 w/Loader, MFWD, 24speed, 6500hrs
JD 8420, MFWD, Cab, 6194hrs
JD 8410, MFWD, Duals, PS, 1000pto, 8724hrs
JD 6615, Ldr, cab, MFWD, 3702hrs
JD 6410 w/Loader, 2wd, loader, C/H/A, new rubber 3,817hrs
'20 JD 4052M HD, LDR, 49hrs, MFWD
JD 8960, 4wd, duals, 10k hrs
JD 8770, 4wd, 10,316hrs
JD 8570, 4wd, 8500 hrs, 3 pt, pto, JD 5410 Cab, 2wd
JD 1026R, 60" Deck, FWA, 573 hrs
JD 4455 w/Cab, mfwd, O/H less than 150hrs ago, 6554hrs
JD 4850, mfwd, 15spd PS, 3 SCV, 4750hrs
JD 4250, cab, 4130hrs
JD 4440, cab, 4743hrs
JD 4430, cab, Extremely clean
JD 4300 w/Loader, 3051hrs
JD 4650, MFWD, 1000 PTO, 8607hrs
JD 3010, gas
CASE IH/INTERNATIONAL
CIH 435 Steiger, 4wd, duals, guidance, 5465hrs
'20 Case IH 125, ldr, 1274hrs, clean
CIH Maxxum 115 w/loader, C/H/A, MFWD, 4887hrs
'21 CIH 95A, w/Loader C/H/A, 40hrs
'13 Case IH Farmall 95C, 5634hrs, 2wd, C/H/A
Farmall 75C, MFWD, C/H/A, 781hrs
CIH JX100U, w/Loader, cab, 4x4, 3641hrs
CIH JX95 w/Loader, C/H/A
CIH MXM130, MFWD, C/H/A, duals, 5598hrs
IH 1086, Cab
IH 1066 Tractor, Loader, open station
IH 666, gas
IH 656, diesel
IH 5088, 2wd, 7605hrs
Case 2590, Cab, 6554hrs
Case 4890, 4x4, 3 pt, pto, 5388hrs
NEW HOLLAND/ FORD
'15 New Holland T8.410, mfwd, clean
NH TG255, Cab, Mfwd, 8203hrs
NH TD5040, Mfwd, canopy, orops, 5 hrs
Ford 3000, diesel, 2476hrs
Ford 7700, 2wd, 4125hrs
Ford 1600, 2wd, 1520hrs
KUBOTA/MASSEY FERGUSON/MCCORMICK
McCormick MC120, ldr, cab, mfwd, 5089hrs
Kubota M7-152 deluxe, mfwd, cab, 230hrs
Kubota M7-151 premium KVT, 3070hrs
Kubota M108S w/Loader, MFWD
Kubota MX5000 w/Loader, MFWD, 1218hrs
Kubota BX1860, w/Loader, 4wd, 366hrs
Kubota M105S, ldr, mfwd, 7470hrs
Kubota LX3310, w/ldr, Mfwd, Cab, 75hrs
MF 1533, w/Ldr, 890hrs
MF 5464 w/Loader, MFWD, Cab, 4920hrs
'11 MF 5465 w/MF950 Ldr, 900hrs, 1 owner
MF GC1715, LDR, Mfwd, 168hrs
Kioti CS2210, MFWD, Ldr, 57hrs
Mahindra 6065 w/ldr, Cab, MFWD, 554hrs
Deutz DX120, Cab, 7867hrs
MF 230, gas
LOADERS
JD 58 Ldr / Grapple
JD 553 Loader
JD 740 Loader
COLLECTOR OR MECHANICS SPECIAL
Farmall Cub, w/Belly Mower (non-running)
Kubota MX5100, 2wd, 2947hrs
Case 970 Comfort King
Ford 600 Tractor
JD R Tractor, diesel, runs
Ford 8n
MEZGER ESTATE
'12 Ford F150, 128K 4x4
JD 4430 Tractor, C/H/A
JD 5402 w/Ldr, 1304hrs, Mfwd 3pt
JD 4200 w/ldr, 1675hrs, belly mower
JD Gator 2x4, nice
Herd Seeder
'13 18ft utility Trailer
Hurricane #24 Pull type Ditcher
3 Point Chisel-10ft
JD MX7 Brush Cutter
Danuser 3 pt Auger, 2 bits
Caldwell 3 pt blade
2 yd PT Dirt Scraper
Oliver 3 btm Rollover Plow
COMBINES, HEADERS, HARVEST
Gleaner R62, 4369/3170hrs, 4wd, Lat-tilt,
'05 NH CR940 3560/2615hrs, Ag-leader, 4x4
NH CR960 Combine 4200hrs/3300hrs
NH TR97 Combine, 5397hrs
CIH 2166 Combine-5945hrs, 4wd
CORN HEADS
'07 Drago 1820 18R20in, Lexion
CIH 3408 Corn head, 8R30, Corn Savers, CM Shafts
CIH 2212, 12R-30"
CIH 2206, 6R-30"
CIH 1083 8R-30"
CIH 1083 8R-30"
JD 608C, 8R-30", stalk master
JD 693, 6R-30"
JD 893 8R-30"
JD 843 8R-30"
JD 343, 3R-30"
NH 6-30"
PLATFORMS/DRAPER
JD 630FD, draper, 30"
JD 925F
CIH 2020, 35"
CIH 2020, 30"
CIH 2020, 25"
CIH 1020, 30"
CIH 1020, 16.5"
JD 915, 15"
JD 216, 16"
JD 220, 20"
JD 213, 13"
JD 220, 20"
NH 973, 20"
NH 973 bean platform
AC 320 - w/head trailer
HEAD TRAILERS
EZ Trail 680 HT
Head Hunter Classic 32'
UNUSED/HEAD TRAILERS
2-IA 420 20'
2-IA 425, 25'
2-IA 430 30'
2-IA 836, 36'
GRAIN CARTS
Kinze 1300, scales
Kinze 1100, Tracks, Scales
Kinze 1100
Kinze 1050
Kinze 851, NICE
Brent 1080, scales
Unverferth 9250
Frontier GC1105, 550bu
A&L 425 Auger Wagon
JD 1210A
GRAVITY WAGONS/ WAGONS/OTHER
3-Artway BIG LITTLE DM280
Gravity wagons - 3 matching wagons
DMI Gravity Wagon
Killbros 250 Gravity Wagon
Westendorf 250 Gravity Wagon
Killbros 225 Gravity Wagon
Stan hoist Barge Wagon
Kewanee 250 Gravity Wagon
EZ Trail Gravity Wagon -320bu
Parker 200 Gravity Wagon
Parker 220 Gravity wagon
Woods Lo Load Wagon
EZ Trail 3400 Gravity wagon
340bushel
Wood Barge Wagon
McCormick Steel Side Wagon, NICE
Airstream 1112 Grain Dryer
Hi-Cap 548 Grain Cleaner
Rem 2500 HD Grain Vac
AUGERS/CONVEYORS
Westfield 13x92 w/hopper
GSI 12x84 w/hopper
2-Mayrath 10x70
Brandt Grain Belt 1535TD, Electric Top Air
Conveyor, electric, seed conveyor
Westfield 100-41
SEED TENDERS
Meridian Titan II Seed Tender
Parkan Seed Tender, Goose-neck scales
Unverferth 2750 Seed Runner
Friesen 220 Seed Tender
MANURE SPREADERS/ APPLICATORS
'15 Hagie STS12, 2500hrs, 2 ownr, 1200 ga, SS tank, Ag Leader Steer command center-Machine is loaded
Terragator TG7300 Sprayer, 60ft, flood
Red Ball 570 Sprayer, 90' Boom, 1200 ga
Hardi Commander 750 Sprayer
Kuker 500 ga, PT, 45ft booms nozzles, SS1600Ga tank
Top Air 500 Gallon Sprayer
JD 4930 Sprayer booms
Dalton Mobility 800, variable rate
Chandler Spreader, tandem, litter
Adams Liquid Nurse Trailer
Automatic Brand Mist Blower
Demco Saddle Tanks, Late model
Dalton 9 knife Applicator
Dalton 13 knife Applicator
New Idea 3726, flotation tire, nice
Kelly Ryan Manure spreader
CIH 550 Spreader
Milcreek Turf 75TD
New Idea 217 Spreader
IH 100 Manure Spreader
Adams Tender Trailer, semi trailer, Air Brakes
FORAGE EQUIPMENT, FEEDING EQUIPMENT
GRINDER MIXERS/MILLS
2-NH 352 Grinder Mixer, Folding Auger
NH 355 Grinder
NH 358 Grinder Mixer
JD 3970 Chopper, Pickup head only
Gehl 1260 Chopper
Gehl 1200 Chopper, 3 RN head, Pickup head
Grain-o-Vator Feed wagon
Meyer 20ft, 13ton wagon-HD gear
Corey Silage Wagon
Schuler 125BF Manure Spreader
JD Silage Wagon
Knight 3025 Reel Augie Wagon
2 -Vermeer BP8000 Bale Processors
PLANTERS, DRILLS, SEED TENDERS
DRILLS
'12 Kinze 3660, Bulk Fill, liquid
'12 Kinze 3600, Bulk fill, clutches
2008 Kinze 3800SDS 24R30 Bulk Fill No Till
05 Kinze 3500, NT, Liquid Fert
Kinze 3600, 12-23, box ext, trash whips, NT
'01 Kinze 3700 24R20
Kinze 3500, 8-15, No new till, yetters
Kinze 2-Kinze 3200, 12-30. No till
Kinze 3000, no till, 6-11
Kinze PT6 6-11, no till
Kinze 3650SDS, Bulk fill
Case IH 1200 16-30
Kinze 24-20 planter, Older
JD 1770NT CCS, Refuge box, KSI conveyor 16-30
JD 1770 Cons, 16-30
White 6180 Planter, 12r30
CIH 1240 Early riser, Bulk Fill
JD 7200 Cons, 16-30
JD 1530 Drill, 15', iso
JD 7000 6-30
JD 7000 4 row, fert boxes
IH 2 Row
GP ADC 1150 Air Drill
JD 1990, 15" 40ft, iso
JD 750 15' 7.5'
JD 1530 Drill, 15', JD 1570 caddy
JD 750, 15'
JD 1520 Drill, 20ft, no till, grass seed
GP SS24 Grain Drill
Tye 1501 Drill, 15ft
GP SS15 drill, 3pt
GP SS15 NT Caddy
GP SS15 Grain Drill w/Caddy
GP SS30 Drill, No till
Atchison 3016C Grain Drill
VEHICLES, ATVS, LAWN MOWERS
GRAIN TRUCKS/TRAILERS
'06 Kenworth T600, C15 Cat, 10spd
'17 IH Durastar 4400, twinscrew, 238k
'81 IH S1700 Dump Truck
'06 Ram 1500, 2 dr, 157,460 mi
'05 Ford F450 XL SD, PS V8, 4dr, 175k
'16 Ford F350 SD XLT, 6.7
'15 Ford 350, Bramco Bale bed, reg cab, 97k gas
'02 Chevrolet Silverado 2500hd, 317,419 mi
'05 Ford F150XLT, 5.4 triton, 237k
Ford F800 Diesel, 139,446 mi, grain truck
Chevrolet C-65 Grain Truck, 109703mi
TRAILERS, CONTAINERS, MISC
IA 990 Ga, Fuel Tank
Small animal Trailer, for field to field
4 -40ft Storage Containers
IA 14000lb Bridge
Woodworth 8 bale, GN Trailer
74 WVV GN trailer 3axle
Trail west Stock Trailer, Dual Axle
S&H Stock Trailer, Dual axle
'77 Phillips Stock Trailer
'87 Trail King Lo-Boy, Hyd Dove, Winch
'14 Big Tex Trailer, 30ft
'10 Felling Pintle Hitch Trailer, Air Brakes, 20ton
'11 Wink 39ft end dump, 102 wide, super singles
ATV/UTV/BOAT/MOWERS/ MOTORCYCLE
Polaris Ranger 700EFI, 519hrs
Scag Walk Behind Mowers
'11 Bighorn by Heartland Camper w/5th wheel
SKIDLOADER ATTACHMENTS (ALL ATTACHMENTS ARE NEW AND WILL SELL WITH NO RESERVE)
ALL ATTACHMENTS ARE SKID STEER QUICK ATTACH OVER 350 ATTACHMENTS TO SELL
Jenkins 84" extreme HD Grapple
JCT Brush cutters, post augers, grapples, sweepers
Stout Brand, grapples, material buckets
Lowe Post augers
Tuff Ox Tree pullers, Container items, tool boxes, attachments, bathrooms, 40ft 4 bay container
CONSTRUCTION
EXCAVATORS
'08 Deere 200DLC, 9041hrs
Bobcat E35l, C/H/A, HQA, 350hrs
'21 Bobcat E50, 140hrs, thumb
JCB 803, 2900hrs, cab
SKID STEERS
'21 Kubota SVL97-2s, 80hrs, loaded
'21 Kubota SVL75-2s, 630hrs, EROPS
'18 Kubota SV95-2s, 2519hrs, 2spd, new tracks, Erops
'18 Kubota SV95-2s, 2663hrs, 2spd, Erops
'19 Bobcat T770, 1750hrs, Erop, 2spd
'19 Bobcat T770, 382hrs, Ride Control
'14 Case SV300, 1150hrs
'13 Case SV250, Orops, 3758hrs.
Deere 325G, Cab, 1404hrs
Deere 331G, Hyd, Erops, 1404hrs
Gehl R190, orops
Bobcat S220, turbo, 4022hrs
'07 Case 420CT, 3222hrs, orops
Case TV380, 2602hrs, Erops
Cat 259D, 1181hrs, 2spd, Erops
BACKHOES/LOADERS
Caterpillar 926M, HQA, Aux Hyd, excellent rubber, 7236hrs
Cat 930 Wheel Loader, 8620hrs, HQA, Erops
Cat 930 Wheel Loader, 9904hrs, Erops
Deere 644EZ Wheel Loader
'13 Case 580 Super N WT,
Backhoe, 4x4, extend a hoe, 2448hrs.
Case 580 Super L, MFWD, Ext-a-hoe, 6109hrs
DOZERS
2017 Caterpillar D5K2 LGP, 6371hrs, Excellent undercarriage
Komatsu D31A Dozer
OTHER CONSTRUCTION
'98 Champion 710A V, 2079hrs, CLEAN Road Grader
Deere 670CH, 1880hrs, power-shift Road Grader
Caterpillar 627B Scraper, excellent machine
Sky Track 4266, 3320hrs, orops
Bomag K300 Pad Foot Roller, 1549 hrs
Cat Loader Jib
Cat Loader, Sheeps foot
Pull type Sheeps Foot
HAY EQUIPMENT
BALERS/MOWERS/TEDDERS/ RAKES
MOWERS
JD 946 Moco, flails
NH 7330 PT, 540 pto, Moco
NH 465 Disc Mower
3-NH 617 Disc Mowers
NH 461 Moco
'20 Kowalski Z001/2 Mower
RAKES
Kubota RA212CR, 12 wheels
Vermeer R2300 Rake
Vermeer R21A Rake
H&S High Capacity 18 wheel rake
Kelderman 10 Wheel Rake
Allis Chalmers Side Delivery
Ford 504 3pt rake
AG-Equip 2 basket Tedder, Like new
BALERS
JD 469 Mega wide, 4x6, twine, net/twine
JD 530, twine
Mainero 5887, 5x6, twine, net
NH BR7090 Baler, twine, gathering wheels
NH 848, twine
Vermeer 505 Super I Baler
Gehl TDC 1475 Baler
NH 320 Hay Liner
'15 JD 338 Square Baler, 1 owner
3 POINT EQUIPMENT, MISC EQUIPMENT
JD 72" Mower deck for lawn tractors
7ft 3 pt Brush cutter
Tractor Dozer Blade
Hay Bale Carrier
IA 190 3-point Blade 8' hyd
'19 Rain Flo 345 Mulch Layer
Hay Rack/ JD Gear
Landpride RBT45108 Blade
Landpride FDR1672 Finish Mower
Wood Wagon w/End gate seeder
Several 3 point blades
BH Razor Back BH6
Woods PRD 7200 mower
Euroc Seeder-cone
BH SQ840
Several Bale Carriers
'7 Brush Cutters
Side Winder 6' Tiller
BH 3008 cutter
Gehl STR72-2 Seeder
Farm king 3-point cultivators 5ft and 6ft
Danuser Auger 2 bits,
Several 3 point disk
Several Pull type Box Blades
JD 155, 3pt hyd blade
BRUSH CUTTERS/ FINISH MOWER
2-Bushwhacker MD144 Brush cutter
IA MF12 Brush Cutter
JD HX20, 20ft
JD MX10 Brush Cutter
Landpride RCR3510, 10ft
Landpride 15"
Bushhog 2615 Legend
Bushhog 2715 Legend
Rhino SE15 Brush Cutter
Woods 15ft Batwing
3 Point Ditcher
CATTLE EQUIPMENT
3- Tarter Cattle Sweeps
Feed King Creep Feeder
60 Free Standing Cattle Panels
Melroy Concrete Water
2- IA 84R Silage Feeders
IA 625 Bale Wagon
DISKS, VERTICAL TILLAGE
'20 CIH 375 Disk, only used on 240acres
Summers MFG, Super Coulter Plus
GP Turbomax 1000, 10ft
JD 630, 24'
White 271 20'
IH 490, 27.5'
IH 496 Disk, 18.5ft
FIELD CULTIVATORS
JD 2210, 36" Harrow
GP 53ft Field Cultivator
GP Disc O-Vator, 24'
JD 985 Cult, 40'
CIH 4300, 36"
IH 4600 24ft Cultivator
Kewanee 3100 30ft
IH 45, 24.5ft
Krause 4100, 24ft
OTHER
CIH MRX690 Disc Ripper
JD 915 ripper, 7 shank, nice
J&J 15ft Crop Roller, Pull type
JD 400 Rotary hoe
JD RM 6 row Cultivator
JD RM 4 Row Cultivator

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Although complete name, address and phone number need not appear in your ad, we must have this information for our records.

Name: _____ Phone #: _____

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FIGURE YOUR COST HERE:

RATE: 70¢ a word.

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Less discounts: _____

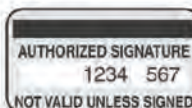
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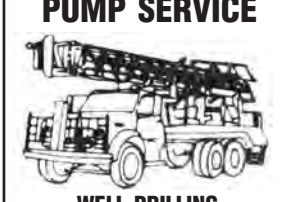
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21.5' diameter, six rings. Disas-
sembled. 785-364-6164.

SERVICES

SOLAR WELL DESIGN/ in-
stallation, Let us upgrade you
with a solar well pump. 25-year
warranty. 785-210-7120,
www.solarcopro.com

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AUSTRALIAN SHEPHERD
puppies (standard) out of work-
ing parents, blue and red
merles, 12 weeks old. 785-280-
1402

FREE 4 YEAR OLD German
short hair pointer near Holton,
Ks. Call Guy @ 785-364-7294

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WANT TO BUY SALVAGE
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mobiles, jet skis, and dirt bikes.
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tage and antique items from
estates/ old houses. Antiques,
retro, vintage clothing, gas and
oil cans, signs, tools, much
more. 785-838-5561.

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for land. Open to cash rent and
shares. Pasture and farm
ground. Call at (785) 713-0695.
Thanks.

MISCELLANEOUS

CENTRAL BOILER outdoor
wood stove. Model Titanium
550 with stainless steel lining.
Call (785) 485-2370.

grass&grain
785-539-7558

TruTerra offers new carbon program

Truterra, LLC, a lead-
ing agricultural sustain-
ability business that offers
consultation, tools and
solutions for the ag and
food value chain, has an-
nounced the launch of four
new data-driven regional
and crop-specific pro-
grams to support farmers
as they adopt regenerative
growing practices.

The offerings include a
long-awaited solution for
long-term adopters, Tru-
terra's first cotton-specif-
ic program, first nitrogen
management program fol-
lowing a successful pilot
and more. These programs
build on Truterra's mis-
sion to support farmers
wherever they are on their
sustainability journey and
provide flexible, farm-
er-friendly programs.

"Everything Truterra
does is with the farmer
at the center, backed by
the network of ag retail-
ers they trust," said Tom
Ryan, president of Tru-
terra. "Each of these pro-
grams is designed to sup-
port farmers as they adopt

customized conservation
management practices to
help them make the best
informed agronomic, eco-
nomic and environmental
decisions for their farms."

Truterra's new 2023
sustainability programs
include:

**Field Data Management
- Wheat**

- Truterra's Wheat
Field Data Management
program is available to
eligible farmers in Ohio,
Maryland and Kansas
at the start of their sus-
tainability journeys, with
wheat in rotation between
2018-2023.

- As part of this flexi-
ble one-year commitment,
eligible enrolled farmers
may be compensated for
providing field data man-
agement and receive in-
sights for enrolled acres
while building the base-
line data required to po-
tentially participate in fu-
ture Truterra™ programs.

**Field Data Management
- Cotton**

- Truterra's Cotton
Field Data Management

program is available for
eligible Tennessee farm-
ers to enroll in the heart of
the cotton belt.

- In exchange for pro-
viding field management
data and signing a one-
year commitment, eligible
farmers will receive com-
pensation as well as expo-
sure to the transformative
power of data-driven agri-
culture.

- This program pro-
vides a critical entry point
for farmers at the start of
their sustainability jour-
neys, enabling them to try
a sustainability program
without agreeing to a long-
term commitment.

Supply Shed Benefits

- This program offers a
long-awaited solution for
long-term adopters of sus-
tainable practices.

- Farmers in Indiana
are eligible if they have
implemented strip-till or
no-till and/or added cover
crops on fields with corn.
The practice must be in
place for crop year 2023,
regardless of the date of
practice change.

- Eligible farmers who
participate in the 2023
Truterra™ supply shed
benefits program could
potentially receive \$5/
acre while also building
the baseline data required
to potentially participate
in future Truterra™ pro-
grams.

**Nitrogen Management
Incentive**

- Truterra's Nitrogen
Management Incentive is
available for eligible farm-
ers with corn fields in Illi-
nois having met the qual-
ifying practice changes.

- This is the first ni-
trogen reduction incentive
program for Truterra and
completely independent of
tillage reduction or addi-
tion of cover crops, which
builds on Truterra's pur-
pose to meet the farmer
where they're at on their
sustainability journey.

- The program is de-
signed to be flexible in
how a farmer may be in-
centivized, with either the
reduction of fertilizer and/
or addition of stabilizer.

- This program is tar-

getting an important GHG
that is more than 270x
more potent than CO₂.

Beyond these new pro-
grams, Truterra also of-
fers a range of solutions
for farmers, from a soil
health assessment, which
provides a comprehensive
report with actionable in-
sights for farmers to un-
derstand the biological,
chemical and physical
health of their fields, and
then create a roadmap
for improving their soil
health, to our farmer-cen-
tric, retail-driven carbon
program. Sustainability
is not a one-sized-fits-all
approach and Truterra is
committed to supporting
farmers with customized
tools, insights and path-
ways to plan, make and
maintain regenerative
practices on their opera-
tions for the long-term.

To learn more about
these new programs and
the range of Truterra ser-
vices visit [https://www.tru-
terraag.com/enroll](https://www.truterraag.com/enroll).

USDA to provide additional financial assistance to qualifying guaranteed farm loan borrowers facing financial risk

The U.S. Department
of Agriculture has an-
nounced it will begin pro-
viding additional, auto-
matic financial assistance
for qualifying guaranteed
Farm Loan Programs
(FLP) borrowers who are
facing financial risk. The
announcement is part of
the \$3.1 billion to help cer-
tain distressed farm loan
borrowers that was provid-
ed through Section 22006
of the Inflation Reduction
Act.

"USDA continues to
make progress on our goal
to provide producers ac-
cess to the tools they need
to help get back to a finan-
cially viable path and ul-
timately succeed as thriving
agricultural businesses,"
said Agriculture Secretary
Tom Vilsack. "The finan-
cial assistance included in
today's announcement will
provide a fresh start for
distressed borrowers with
guaranteed farm loans and
will give them the opportu-
nity to generate long-term
stability and success."

Since the Inflation Re-
duction Act was signed into
law by President Biden in
August 2022, USDA has
provided approximately
\$1.15 billion in assistance
to more than 20,000 dis-
tressed borrowers as a
part of an ongoing effort
to keep borrowers farm-
ing, remove obstacles that
currently prevent many
borrowers from returning
to their land, and improve
the way that USDA ap-
proaches borrowing and
loan servicing in the long-
term. The financial assis-
tance will provide qualify-
ing distressed guaranteed
loan borrowers with finan-
cial assistance similar to
what was already provided
to distressed direct loan
borrowers. Based on cur-
rent analysis, the financial
assistance will assist an
estimated approximately

3,500 eligible borrowers,
subject to change as pay-
ments are finalized.

An FLP guaranteed
loan borrower is distressed
if they qualify under one
of the options below. FLP
guaranteed borrowers who
qualify under multiple op-
tions will receive a pay-
ment based on the option
that provides the greatest
payment amount:

- Payment of any
outstanding delinquen-
cy on all qualifying FLP
guaranteed loans as of Oct.
18, 2022. This includes any
guaranteed loan borrow-
ers who did not receive
an automatic payment in
2022 on that loan because
they were not yet 60 days
delinquent as of Sept. 30,
2022, as well as guaranteed
borrowers that became de-
linquent on a qualifying
FLP guaranteed loan be-
tween September 30, 2022,
and Oct. 18, 2022.

- Payment on a
qualifying FLP guaran-
teed loan for which a guar-
anteed loan borrower re-
ceived a loan restructure,
which modified the guar-
anteed loan maturity date,
between March 1, 2020, and
Aug. 11, 2023. The payment
amount will be the less-
er of the post-restructure
annual installment or the
amount required to pay
the loan in full. The guar-
anteed loan must not have
been paid in full prior to
Aug. 11, 2023.

- Payments on cer-
tain deferred amounts on
qualifying FLP guaran-
teed loans, not to exceed
\$100,000, for guaranteed
borrowers who received a
deferral or another type
of payment extension, for
at least 45 days, between
March 1, 2020, and Sept.
30, 2022, from their guar-
anteed lender on that qual-
ifying guaranteed loan in
response to COVID-19, dis-
asters, or other revenue

shortfalls. The Inflation
Reduction Act payment
amount will be the lesser
of the most recent deferral
or extension amount on
the qualifying FLP guaran-
teed loan, or the amount
required to pay that loan
in full. The guaranteed
loan must not have been
paid in full prior to Aug.
11, 2023.

This assistance is only
available for FLP guaran-
teed loan borrowers who
did not or will not receive
an initial payment on the
same FLP guaranteed loan
under Inflation Reduction
Act assistance announced
in October 2022.

Distressed guaranteed
borrowers qualifying for
this assistance will receive
a United States Depart-
ment of the Treasury check
that is jointly payable to
the borrower and the lend-
er. These borrowers will
also receive a letter from
FSA informing them of In-
flation Reduction Act as-
sistance they will receive
as well as instructions to
make an appointment with
their lender to process the
payment and apply it to
their qualifying guaran-
teed loan accounts. Guar-
anteed lenders will re-
ceive an email in the com-
ing days informing them
of this assistance and any
next steps. Lenders will
also receive letters inform-
ing them which borrowers
will receive assistance and
the amount of assistance
they will receive.

Any distressed guaran-
teed borrowers who qual-
ify for these forms of as-
sistance and are current-
ly in bankruptcy will be
addressed using the same
case-by-case review pro-
cess announced in October
2022 for complex cases.

FSA will also provide
relief to qualifying FLP
guaranteed loan borrow-
ers determined to be dis-

tressed borrowers based
on liability for remaining
federal debt subject to
debt collection and garn-
ishment after the liqui-
dation of their guaranteed
loan account as of July 31,
2023. This will allow some
borrowers to potentially
return to farming. Guar-
anteed borrowers who qual-
ify for this assistance will
have their federal debt
paid automatically by FSA
and will receive a letter
informing them of the pay-
ment made on their feder-
al debt.

All letters to qualifying
guaranteed loan borrow-
ers will contain instruc-
tions for opting out of
assistance if a borrower
chooses to do so.

**Important Tax
Information**

Similar to other USDA
Inflation Reduction Act
assistance, payments pro-
vided to borrowers and
payments to be applied to
FSA farm loan accounts
will be reported to the In-
ternal Revenue Service
(IRS). Borrowers receiving
this assistance will receive
a 1099 form from FSA.
Please note that payments
over \$600 are subject to
federal and state income
taxes and will be reflected
on your annual 1099 form.
Borrowers are encour-
aged to consult a tax pro-
fessional with all tax-re-
lated questions regarding
any Inflation Reduction
Act assistance received.
USDA also has tax-related
resources at farmers.gov/taxes.

**Individual Requests for
Farmers Seeking
Assistance**

In addition to the au-
tomatic payments for dis-
tressed guaranteed loan
borrowers, FSA continues
to accept and review in-
dividual distressed bor-
rower assistance requests
from direct loan borrow-

ers who missed a recent
installment or are unable
to make their next sched-
uled installment on a qual-
ifying direct FLP loan.
All FSA direct borrowers
should have received a let-
ter detailing the eligibility
criteria and process for
seeking this type of assis-
tance, which is available
even before they become
delinquent. As the letter
details, borrowers who are
within two months of their
next installment may seek
a cash flow analysis from
FSA using a recent bal-
ance sheet and operating
plan to determine their el-
igibility.

FSA direct borrowers
also received a letter de-
tailing an opportunity to
receive assistance if they
took certain extraordinary
measures to avoid delin-
quency on their qualifying
direct FLP loans, such as
taking on or refinancing
more debt, selling prop-
erty, or cashing out retire-
ment or college savings
accounts.

Borrowers can submit
requests for extraordinary
measures or cash flow-
based assistance in person
at their local FSA office
or by sending in a direct
request using the farmers.
gov 22006 assistance re-
quest portals at farmers.
gov/loans/inflation-reduc-
tion-investments/assis-
tance. All requests for as-
sistance must be received
by Dec. 31, 2023.

As USDA learns more
about the types of situ-
ations financially dis-
tressed farmers are facing,
the Department will con-
tinue to update borrowers
and the public about new
assistance for distressed
borrowers. USDA will
also provide regular up-
dates about its progress in
deploying this funding to
farmers who need it.

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Cattle Chat: Ways to handle used vaccine products

By Lisa Moser, K-State Research and Extension news service

If you've ever reached into the knife drawer and gotten an unexpected poke from a sharp object that wasn't stored properly, you know how easily it is to hurt yourself.

In much the same way, needles used to deliver animal products can also be a risk to humans if they are not handled properly, said the veterinary experts at the Kansas State University Beef Cattle Institute on a recent Cattle Chat podcast.

"Removing the needle from the syringe is the most common point where someone could get an inadvertent needle stick," said K-State veterinarian Brian Lubbers. "For that reason, we recommend that if the needle is attached to a small plastic syringe that both are put in a sharps container for

medical waste." The sharps container is where veterinarians place used objects including needles, blades, glass tubes and anything else that can puncture a person's skin, said K-State veterinarian Brad White.

"A true sharps container has a lid on the top and companies will pick them up or you can talk to your local veterinarian or local hospital to see how they handle medical waste," White said.

Lubbers also offered that folks can use a thick plastic gallon jug to make a sharps container.

"Put a small amount of bleach in the container and then fill it about three-quarters full (with disposable products) before taking it to the place that handles medical waste disposal," Lubbers said.

He said there are also products on the market

that can be added to the jugs to harden the materials so there isn't a puncture risk and then the jug can be disposed of as regular waste.

If you must handle the needle, Lubbers advises using a tool to pull it from the syringe and to avoid recapping the needle.

"If you are using a needle with a reusable syringe, then use a pair of pliers to make sure there is an instrument between you and the needle. Don't recap the needles because that is when the sticks happen," Lubbers said.

The other issue that beef producers and veterinarians deal with on occasion is managing unused, expired vaccine or antibiotic drug products.

"Reach out to the manufacturer and see if the company will allow you to return them for disposal and perhaps get a partial credit," Lubbers said. "It is important not to dump them out, especially antibiotics, because of what can be released into the environment."

He said if producers don't know how to reach

the manufacturer, it is best to start with their veterinarian for guidance.

If the product has been completely used, then Lubbers said it can be disposed of as regular waste.

To hear the full discussion, listen to the Cattle Chat podcast online or through your preferred streaming platform.

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WELCOME TO G&G — A RURAL NEWSWEEKLY

Grass & Grain, a farmers' newsweekly, has been published in Manhattan, Kansas for over 60 years. The G&G community looks to the Tuesday publication for timely, accurate information.

We want to see your Kid's Corner pages!

Send us any completed Kid's Corner page and you could **win a prize!**

*Contest will run July 25th, August 8th, 15th, and 22nd — 4 chances to win!!!!

Winners will be drawn randomly from all submissions received by 9 a.m. the Friday prior to the edition.

*No limit on number of submissions, but you may only win once per contest.

Week 1 - July 25:

Book:
"The Prairie Nature Built"

CONGRATULATIONS
Hudson W. • ALMA, KS



Week 2 - August 8:

Book:
"B is for Buckaroo"

CONGRATULATIONS
Rachel M. • WAKEFIELD, KS



Week 3 - August 15:

(2) Youth Passes to the
Flint Hills Discovery Center

CONGRATULATIONS
Lawrence E. • ROSSVILLE, KS



Week 4 - August 22:

GRAND PRIZE DRAWING

Deadline to win: 9 a.m. Friday, August 18th*

All non-winning entries received for previous weeks will be entered to win! (one entry per child)

Family Pack (4 tickets) for the
Kansas State Fair Monster Trucks
September 17, 2023 @ 5:00 PM

*Winner will be drawn from submissions received by deadline. Pool will start over each week, so if you would like to enter multiple weeks, you must send multiple entries. Entries received after deadline will be entered into the next week's pool. If no submissions are received for a contest week, contest will be pushed back to the next week until all 4 prizes have been won.

BE SURE TO INCLUDE YOUR NAME, AGE, MAILING ADDRESS & PHONE NUMBER WITH EACH SUBMISSION. *We do not sell or distribute any information received. It is used for contact purposes only.

Mail your submissions to: PO Box 1009, Manhattan, KS 66505
Or email submissions to: gandglass@agpress.com

Questions? Stop by: 1531 Yuma St.
Call 785-539-7558 Manhattan, KS

ESTATE AUCTION

For **MICHAEL & The Late KAROLYNN PEARMAN**
SATURDAY, AUG. 19, 2023 — 9:00 AM

609 Western Heights, Hillsboro, KS 67063

HOUSEHOLD, COLLECTIBLES, FURNITURE: LOTS of Jewelry including Earrings, Bracelets, Rings and Necklaces, Desktop Jewelry Cabinet, Free Standing Jewelry Cabinet, Art Instruction Books, Canvases Paint Brush Holders and Cleaners, Picture Frames, Paints, Unpainted Wood Items, 2 Boxes of Religious CDs and Others, CD stands, 19 in TV, Glass Door Bookcase, Several 2 Tier Book Shelves, Scarves and Hair Ribbons, Rolling Drawer Cabinets, Set of Dr King Glasses, Several Sets of Dishes, Lots of Owl Figurines, Silverware Set, Lots of Various Figurines, Stuffed Animals, Beauty Supplies and Hair Dressing Equipment, T Towels, Embroidery Items, Lots of Purses, Louis L'Amor Books, 12 Days of Christmas Glasses, Womans Belts, Collectible Handkerchiefs, 60 Antique Dolls Most Over 60 Years Old. & **MUCH MORE!**

GUNS, GARAGE, OUTDOORS: FIE Texas Ranger 22 Mag., FIE E15 Revolver 22LR, Chinese 177 Pellet Gun, 3500 WT Generator, Craftsman 5hp Weedeater, Portable Propane Heater, Porter Cable Scroll Saw, Sherling Seat Covers, 14ft Coleman Canoe, 10ft Inflatable Kayak, Minn Kota Trolling Motor, 3/8 Air Ratchet, Slate Top Coffee and End Table, Side Board Cabinet, Secretary Desk Cabinet w/ Rounded Glass Front Display, Outside Flower Stands, Cedar Chest, Oak Dining Room Table w/ 4 Chairs, Shadow Boxes, Antique Rocker, Copper Weather Vane, Steamer Trunk, Area Rug, Vintage Tin Doll House w/ Furnishings, Emerson Retro Radio, Phono, CD, 8 Autographed Mija Southwestern Pictures, Unicorn Strings Dulcimer & **MUCH MORE!**

AUCTIONEER'S NOTE: Michael and his late wife Karolynn have some very nice and well cared for items. Karolynn had a very diverse line of hobbies and collecting. Painting, collections of all kinds, jewelry, Art pieces and more. This will be a large sale. There is way more than listed. We will start selling the jewelry at 9am. The guns will sell at 11 am. There will be concessions. Sale will be held inside.

TERMS: Credit Cards, Cash or Check accepted with proper ID. Not responsible for accidents or theft. Not responsible for any listing errors. Statements made day of sale take precedence over all printed material.

Sale conducted by **PILSEN PACKRATS AUCTIONS**
Lincolnton, Kansas • Joe Vinduska, Auctioneer

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SEE G&G ASAP!

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Call 785-539-7558 or email agpress3@agpress.com and we'll set you up.

Kid's Corner

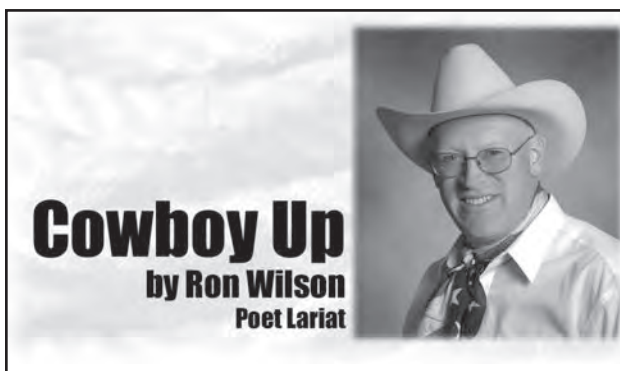
Don't forget to enter our Kid's Corner Contest!

Back to School! School's back in session, but the class rabbit is missing. Sharpen your eyes, and be the first to find the rabbit! Bonus: Color in the drawing with your favorite colors.

Unscramble the school-related words below!

1. RESRAE _____	5. KAMRRE _____
2. CKAACBKP _____	6. CRSISSOS _____
3. RTCLOUAALC _____	7. APEPR _____
4. PLIENC _____	8. OEOKTBTX _____

1- ERASER 2- BACKPACK 3- CALCULATOR 4- PENCIL 5- MARKER 6- SCISSORS 7- PAPER 8- NOTEBOOK



Agri + Tourism

Kelsey wanted a cow. (That sounds like the opening line of a children's book, but this is a true story – and it has a happy ending.)

Kelsey Wendling is the state's Agritourism Manager in the Kansas Tourism Division of the Kansas Department of Commerce. She's a native Kansan who grew up in Wichita and began pursuing a nursing career at Fort Hays State before deciding that was not her passion. While wrestling with what she wanted to do in the future, she visited her roommate's home in Barber County. "The vet came to preg-check their cattle," Kelsey said. "I fell in love with agriculture."

Kelsey changed her major to animal sciences

and immersed herself in various internship experiences, including a cow-calf operation in western Kansas, a feedyard in Texas, and a pumpkin patch near Hays. "I worked in agritourism before I knew what agritourism was," Kelsey said. She describes herself as an animal lover, especially cats and cows. "It was my goal to have a calf of my own," Kelsey said.

Kelsey earned a master's degree in ag communications at K-State. She met and married a farmer-rancher near Lyndon. In October 2021, she took the position as Agritourism Manager for the state.

Agritourism is the place where agriculture meets tourism. Tourists can enjoy a farm experience

and farmers can diversify their revenue stream.

Today there are approximately 430 registered agritourism enterprises around the state. These include working farms, ranches, wineries, outfitters, lodges, historic sites, rural wedding venues (see following poem) and more.

Kelsey is responsible for maintaining the database and promoting those enterprises. She points out that posting of necessary signage enables registered agritourism operations to receive limited liability protection under Kansas law. "It's not an insurance policy, but it is protection in the statute," Kelsey said. The state also offers free online listing of events, access to grants, promotional opportunities and more.

"I truly enjoy going out and meeting producers and seeing their operations first-hand," Kelsey said. "It's so fun to see the creative things that people are doing."

Meanwhile, Kelsey and her husband live on the farm, where they recently had a bottle calf. "I begged my husband to let me keep him, and he did."

Kelsey got her cow – and even a career.

The Wedding Guest

By Ron Wilson, Poet Lariat

"A wedding in our pasture?

Oh, what a crazy thought!"

That was Bob's first reaction to the call the neighbor brought.

"Well, my daughter's getting married," the friend and neighbor said.

"She thinks an outdoor setting is the place for her to wed.

She's looking for a place with a panoramic view.

We saw the hill in your south pasture, and it made us think of you."

"Well, my goodness," Bob replied. "I'm not sure how I feel.

I suppose it could be done, but a wedding's a big deal."

They talked through the logistics.

The neighbor provided chairs,

But there was one other factor which it seemed the thing impairs.

"She'll be a June bride.

That's when our cows will be on grass.

How can you have a wedding through which the cows will pass?

Folks will be in fancy clothes, which they want all clean and pure.

You don't want your wedding guests stepping in manure."

They talked through it some more, with the potential consequence.

The solution they came up with was to run electric fence.

They would place electric fence all around the hill,

Keeping it clean for the wedding.

That seemed to fit the bill.

The wedding day came.

The electric fence worked fine.

The ceremony started with the preacher's opening line.

They got partway through when Bob heard a little laugh.

Under the fence came in a walkin' a dadgum newborn calf.

He was callin' for his momma and then scours did commence.

The mother cow was bawlin' on the far side of the fence.

The bride was shocked at this disruption of the ceremony.

It wasn't what she'd planned to launch her matrimony.

Bob felt bad this knothead calf would disrupt her wedding day.

He stood up. The calf turned tail and Bob drove the calf away.

The preacher then resumed and the service then progressed.

Afterwards Bob apologized for this unexpected guest.

He said that he was sorry to the groom and to the bride.

To his relief, they and their families seemed to take it all in stride.

But the final blow came as father checked his shoes and sniffed.

He said, "I think your guest left the wrong kind of wedding gift."

Happy Trails!

Mushrush Family hosts nearly 200 at Field Day

According to Joe Mushrush, communication is the top priority when it comes to transition planning for a multi-generational ranch. He told the nearly 200 in attendance at the August 10 KLA/Kansas State University Ranch Management Field Day it is important that everyone involved with the operation, including those not on the ranch daily, be on the same page when it comes to the overall goal for the business. Mushrush Ranches currently is run by the second and third generations, with the fourth being raised on the ranch.

"I would highly recommend a formal strategic planning session with an outside facilitator," said Mushrush, who, along with his wife, Connie, and their family, hosted the field day near Strong City. "This is not the time to be frugal, as this is one of the most important things you will ever do for your operation."

Mushrush also said he believes in giving the younger generation some "room to run" when it comes to decision-making and implementing new technology. One example of this philosophy is a virtual fencing system the ranch is using as part of a two-year joint study with The Nature Conservancy, the National Park Service, K-State, Colorado State University and local agencies. The system uses GPS collars worn by the cattle to create virtual fences that control movement and dictate grazing behavior. According to Mushrush's son, Cole, who is overseeing the project for the ranch, some of their goals for using the system are to increase the volume of forage grazed per animal unit, reduce trampling in certain areas and increase side-slope grazing to help improve wildlife habitat in the flatter parts of pastures.

"If we can push the cattle onto side-slopes during the lesser prairie chicken nesting season, it will be a win-win," he said.

Cole's brother, Chris, closed out the field day program with a discussion on how the ranch has converted cropland into stockpiled forage for grazing in the winter months to save money on buying and hauling feed. In 2022, they were able to save almost \$68,000. The Mushrushes use eight 40-acre fields each split into 10- to 20-acre paddocks to rotationally graze the cattle. The fields contain a mixture of cool-season grasses and alfalfa. He said at least one warm-season grass is needed to help with weed control in the summer.

The field day was sponsored by the Farm Credit Associations of Kansas and Huvapharma.



HEARTLAND SELECT PERFORMANCE HORSE SALE

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U.S. on pace for record corn production despite drought

By Krista Swanson

In the second quarter of 2023, drought was a big concern for corn growers. Despite drought concerns throughout the growing season, the U.S. is on track for record corn production, as of the July projections. While earlier in the season many were expecting corn yields to drop further from the initial trend yield projections, that isn't as clear now as weather has turned more positive. The outlook for record corn production for 2023/24 is dampening price expecta-

tions. The USDA is projecting a \$4.80 per bushel market year average price for 2023/24, a drop of \$1.80 per bushel from 2022/23. Although the most recent cost of production forecast for 2023 shows relief in farm inputs, higher costs for interest and overhead expenses are keeping the total cost of growing corn elevated. Price expectations for 2023/24 are 27% lower than last year while the total cost of production is only 2.5% lower, putting pressure on farm margins for many corn farmers.

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Researchers link auto and dairy industries to explore sustainable climate solutions

By Jack Falinski

One of the next climate change solutions might be found at your local dairy farm. A team of Michigan State University researchers are studying ways to generate renewable energy from dairy farm waste to charge electric vehicles (EVs).

Wei Liao, a professor in MSU's Department of Biosystems and Agricultural Engineering (BAE) and the director of MSU's Anaerobic Digestion Research and Education Center (ADREC), led a demonstration workshop July 19 showcasing the novel research linking dairy operations to the auto industry. He was joined by MSU animal science professor Barry Bradford, BAE professor Ajit Srivastava, dairy farm manager Jim Good and BAE research specialist and ADREC manager Sibel Uludag-Demirer.

An electric tractor designed by Srivastava was showcased for its ability to operate on renewable electricity generated by a mobile renewable EV charging station with an anaerobic digester and an external combustion engine. Anaerobic digestion is the biological process where organic matter, like animal and food waste, is broken down in the absence of oxygen to pro-



Researchers are exploring ways dairy farm waste could be used to charge electric vehicles with mobile charging units like the one shown above.

duce biogas. The biogas can be burned to generate electricity and heat, or cleaned and used as renewable natural gas.

Although economic pressures have prompted part of the U.S. dairy industry to consolidate into large scale productions, the majority – 90% – still operate at small and medium-sized enterprises of less than 1,000 cows.

Dairy is the leading agricultural commodity in Michigan. The industry accounts for nearly 5% of the state's gross domestic product with \$24 billion generated annually and

supports over 111,000 jobs. Michigan dairy also ranks sixth in U.S. dairy cash receipts, or the total amount of money earned from dairy products.

Liao said his hope is to implement mobile EV charging units on small and medium-sized dairy farms as the state continues shifting toward EV production to reduce carbon emissions from gasoline powered vehicles. He wants to give farmers in rural communities a way not only to charge their own EVs, but also to generate revenue doing it for other's vehicles.

"We want to use this opportunity to link together the agriculture and auto industry," Liao said. "They can both benefit from each other."

Another reason Liao would like to introduce EV units on farms is to help encourage the dairy industry to become carbon neutral or have net zero carbon emissions. He said currently about 45% of the carbon in animal feed ends up in manure and is partially released as methane – a greenhouse gas (if not collected) – into the atmosphere.

If farmers can use the waste for high-value applications, like producing electricity and charging EVs, he said part of the climate problem becomes part of the solution.

"That's just a win-win," Liao said. "We can achieve the carbon neutrality of dairy farms and can similarly reduce emissions for the transportation sector."

MSU converts food and animal organic waste from campus at its South Campus Anaerobic Digester (SCAD). The digester, an above-ground steel tank capable of holding 450,000 gallons, has been in operation since 2013 and has digested roughly 60,000 tons of manure. In 2022, it digested 12,500 tons of

manure from the MSU dairy farm and 15,000 tons of food waste from MSU's cafeterias and the greater Lansing region.

The digester produces about 2.8 million kWh of electricity per year. Ten percent of that energy powers the digester itself, and the rest assists in powering 10 buildings across MSU's south campus.

The mobile units Liao is working toward installing on small and medium-sized dairy farms won't be as big and won't be able to initiate the same amount of power as the SCAD. He said they'll have the capacity to induce 30 kWh of renewable energy per day, or over 10,950 kWh of energy per year.

While that figure won't be enough power to run an entire farm, Bradford said it could grant farmers different operational opportunities. For example, the energy from these units could charge batteries of emerging electric skid-steer loaders, or small low-power tractors used to clean animal pens.

"If you could charge (these tractors) yourself without paying a lot and having to deal with how you're going to charge them, that could potentially be a game-changer for how jobs are done on dairy farms," said Bradford, whose role on the project is to understand how these units will impact dairy farms.

He also said electric charging stations on dairy farms could bring additional economic opportunities. As EVs become more popular and people look for places to charge them, dairy farms could become a viable option that allow visitors to charge their cars while also experiencing the work of local farms.

"Because it takes a little while to charge EVs, longer than it does to fill a tank of gas, farms can keep visitors occupied by selling them a sandwich or an ice cream cone. Maybe they can do a \$5

tour of the farm," Bradford said. "This could be a more mixed funding model where you have agritourism, energy and — of course — milk."

Funding for the projects comes from MSU AgBioResearch, along with the Michigan Economic Development Corporation, MSU Extension and the U.S. Department of Agriculture's (USDA) Agricultural Research Service.

MSU professor making progress on an electric tractor for small-scale farming use

Alongside the displayed mobile charging unit stood an EV from Bollinger Motors and Srivastava's electric tractor.

Srivastava, who's been working on the tractor design since 2021, said it's a light-duty tractor used for mild cultivation, spraying and weeding.

Solar power and other forms of renewable energy, like the energy produced from anaerobic digesters, charge the batteries located underneath the tractor.

"Our motivation was to design a tractor for light-duty work and weed control, especially for crop farmers who run small farms and want to be sustainable," Srivastava said.

The tractor was funded by Project GREEN, Michigan's plant agriculture initiative housed at MSU and spearheaded by plant-based commodity groups, MSU AgBioResearch, MSU Extension and the Michigan Department of Agriculture and Rural Development (MDARD).

Similar tractors can sell for \$50,000. Srivastava said he'd like to keep the tractor under \$30,000 to help make it accessible to small farms as well.

Srivastava said the next step is to update the current batteries with ones that are more efficient and weigh less, like lithium iron phosphate batteries. He also noted that he's researching ways to make the tractor autonomous.

When to pull the bull?

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

As I've opened some of my dad/grandpa's old calving books, the pages illustrate a 365-day calving window, my inference is that this is because bulls ran with the cows all year. This year-round calving system may be by design or simply a necessity given pastures and facilities, but a shortened calving window can have multiple benefits. This is most easily facilitated by removal of breeding bulls from pasture, often around this time of year for spring calving herds.

Cow-calf herds lacking a defined calving season are labor-intensive and potentially very inefficient. Significant management and marketing challenges, due to widely varied cow requirements and calf age/weight, also come without a defined calving/breeding season. Management for a short, specific calving period is an opportunity to reduce costs and optimize productivity of the cow herd. Deciding how wide the calving window will be and management of the bull following the breeding season, are major factors to consider up front.

To give cows multiple opportunities to conceive but also limit the number of cows calving late in the calving season, use breeding periods of 45 to 60 days. In most cases, this would result in cows having two to three opportunities to conceive during the breeding period. Keep in mind that most cows have an anestrus period of 30 to 90 days postpartum, so shortening the breeding window can result in lower cowherd pregnancy percentages. This can present marketing opportunities for females that don't conceive in a shortened window, either as feeder heifers, open cows or bred females (with later bull exposure). Current markets give incentives to all these classes of "non-productive" females for an operation.

Although short breeding periods can be highly effective, there are some biological limitations for how short the breeding period can be. Cows are only receptive to mating during estrus or "standing heat" (approximately 18 hours) once during an 18-24-day estrous cycle. Fertilization rates after estrus have been observed to be in excess of 95% in many studies, but a significant proportion of embryos fail to establish pregnancy past day 17. With this in mind, breeding periods that give cows a single opportunity to be serviced are discouraged, as this would result in pregnancy percentages that are impractically low for commercial production.

The process of separating bulls from the breeding herd can also come with challenges. This can be things such as pasture terrain, loading facilities, pens/pastures to hold bulls separate from the herd and labor, to name a few. Once the breeding season is over, producers usually turn bulls out to a separate pasture to regain lost weight and prepare them for the next breeding season. Mature bulls in good condition can be managed on pasture or an all-roughage diet without supplements. Young, growing bulls need a ration formulated to gain 1½ to two pounds per day depending on severity of weight loss during breeding. The need to supplement young bulls on summer/fall pasture will depend on the quality and quantity of forage available.

The benefits of managing for a short calving season are numerous. These may include reductions in labor costs associated with calving observation, decreases in calf mortality or morbidity, and opportunities for simplified herd management due to more uniform stage of production among cows. Additionally, management for an early-conceiving cow herd does maintain selection pressure for fertility. Aside from the immediate production value, this selection pressure has long-term genetic value if replacement heifers or herd sires are retained from within the operation. A good reference for this topic can be found in the University of Missouri's "Calving Season Considerations for Commercial Beef Cattle Operations."

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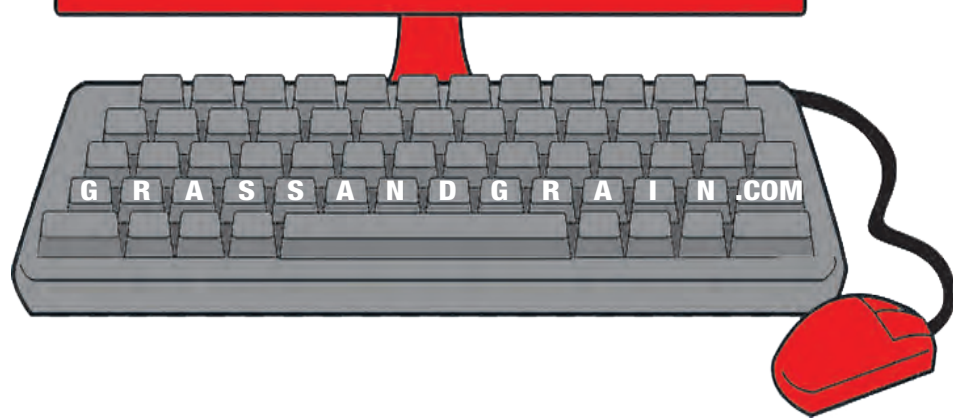
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Beef Stocker Field Day scheduled for September 28

Beef cattle outlook, latest research into top pharmaceutical technologies yielding the highest economic return in stocker cattle and fine-tuning bunk calls in the grow yard are among topics planned for 2023 Kansas State University Beef Stocker Field Day on Thursday, Sept. 28.

The conference will be hosted at the KSU Beef Stocker Unit.

"This year's program reflects the challenging landscape our industry is experiencing," says Dale Blasi, K-State Animal Sciences and Industry professor and beef cattle Extension specialist. "The

experiences and thoughts of our assembled speakers and panelists will provide insights as we progress into an unknown future."

The day will start with a welcome at 9:30 a.m. and will conclude around 5 p.m. Sponsoring this year's event is Merck Animal Health.

Topics for this year's agenda include:

- Beef Cattle Outlook
- Producer Panel - Labor: Recruiting and Retention
- Latest Research into Top Pharmaceutical Technologies Yielding the Highest Economic Return in Stocker Cattle

- Accounting for the Environmental Impact of Grazing Cattle: Appreciating our Ecological Niche
- Fine-Tuning Bunk Calls in the Grow Yard
- Appropriate Use of Steroidal Implants During the Backgrounding and Stocker Phase: Impacts on Growth Performance and

Carcass Outcomes Upon Harvest

Registration is \$25 and due Sept. 14. Walk-in registration is available for \$35. To register go to asi.ksu.edu/stockerfieldday. For more information, contact Katie Smith at 785-532-1267 or katiesmith@ksu.edu.

NASS releases Kansas crop production report

Based on August 1 conditions, Kansas's 2023 corn production is forecast at 632 million bushels, up 24% from last year's production, according to the USDA's National Agricultural Statistics Service. Area to be harvested for grain, at 5.10 million acres, is up 15% from a year ago. Yield is forecast at 124 bushels per acre, up 9 bushels from last year. Sorghum for grain production in Kansas is forecast at 223 million bushels, up 111% from last year. Area for harvest, at 3.05 million acres, is up 13% from 2022. Yield is forecast at 73 bushels per acre, up 34 bushels from last year. Kansas's

soybean production is forecast at 147 million bushels, up 11% from last year. Area for harvest, at 4.20 million acres, is down 13% from 2022. Yield is forecast at 35 bushels per acre, up 7.5 bushels from last year. Winter wheat production is forecast at 208 million bushels, down 15% from last year. Area for grain, at 6.50 million acres, is down 2% from last year. Yield is forecast at 32 bushels per acre, 5 bushels below last year. Cotton production is forecast at 250,000 bales, up 51% from last year. Acreage for harvest, at 130,000 acres, is down 6% from 2022. Yield is forecasted at 923 pounds per acre,

up 346 pounds from last year. Oat production is forecast to be 1.72 million bushels, up 67% from last year. Harvested area for grain of 35,000 acres is up 40% from a year earlier. Yield per acre, at 49 bushels, is up 8 bushels from a year ago. Alfalfa hay production is forecast at 1.84 million tons, down 10% last year. Expected yield, at 2.70 tons per acre, is down 0.40 ton from last year. All other hay production is forecast at 3.90 million tons, up 18% from a year ago. Expected yield, at 1.95 tons per acre, is up 0.25 ton from last year.

BETSY delivers sophisticated phenotyping system

"OneCup AI has designed an artificial intelligence (AI) technology using computer vision that is named BETSY, which stands for Bovine Expert Tracking and Surveillance," explained Mokah Shmigelsky, OneCup AI. Shmigelsky was a featured speaker during the 2023 Beef Improvement Federation (BIF) Symposium July 5 in Calgary, Alberta, Canada.

According to Shmigelsky, BETSY was created because of the lack of permanent traceable identification in the livestock industry. Visual

identification was the first developed product followed by seven other value propositions.

"As we went through the developmental process, we discovered there was a lot of different things on farm that producers didn't have access to because many of these processes are very manual," Shmigelsky said.

In the beef and dairy cattle industry, the use cases that were identified were calving, feed tracking, shipping and tracking, and estrous and breeding. Shmigelsky said cattle tend to leave the herd or

not face the camera, making it difficult to collect data.

"In computer vision models you need to have a robust data set and all the data needs to be annotated as well," Shmigelsky said. "Instead of tracking individual symptoms we were going to track what the animal's behavior was."

Once the animal is detected, BETSY identifies different behaviors and what is going on with the animal and alerts the producer. The user interface is an easy-to-understand system that gives the pro-

ducer information graphical, and visually along with alerts.

BETSY's brain is broken down into levels that classify each animal by detection, bounding box, key points, identification, instance and time-series.

"Level 0 is detection it identifies different animals in the scene as well as humans and vehicles," Shmigelsky said. "Level 1 is the bounding box it depicts the entire body of the animal and pulls out the relevant pixels needed for the next levels. Level 2 has 52 key points and angles which allow us to iden-

tify limping and changes in the animal. Level 3 is identification and can pair the final data to an individual animal as well as read the tag. Level 4 gets into the behavior and growth changes in the animals.

OneCup AI worked closely with the Canadian Angus Association to identify hooves, claws, udders and teats as the highest importance phenotypes. To identify these, they created additional points to the hooves and udders as well as a 3-D visual. Clean animals made it easier to get a good ratio and anal-

ysis, where mud and walking through grass affects accuracy.

"We are working on getting a more accurate reading so we can identify more than just the good things," Shmigelsky explained.

To watch Shmigelsky's full presentation, visit <https://youtu.be/loMEQa-Du7iA>. For more information about this year's Symposium and the Beef Improvement Federation, including additional presentations and award winners, visit BIF Symposium.com

The earlier the treatment of pinkeye the better the outcome

By Lisa Moser, K-State Research and Extension news service

Anyone who has ever had a scratch on their eye or had dust get under their eyelid can attest to how painful an eye condition

can be. Like people, cattle can also experience irritants in their eyes and that can often lead to pinkeye, say the experts at Kansas State University's Beef Cattle Institute on a recent Cattle Chat podcast.

"Pinkeye is an eye infection that often first starts with watery eyes and then progresses to a swollen eye and even a white spot in the eyeball," said K-State veterinarian Bob Larson.

Along with those symptoms, K-State veterinarian Brad White says cattle will tend to squint in the infected eye.

"Left untreated, cattle can develop corneal ulcers that are painful and make cattle light sensitive," White said. "If you see the ulcers, likely damage to the eye has already been done."

The veterinarians say the earlier the treatment begins the better the outcome will be.

"As soon as you identify the problem, the cattle can be treated with antibiotics and sometimes we will put an eye patch on them or sew the eyelid shut to give them some comfort as they recover because this is a painful condition," Larson

said.

When treated early, most calves are likely to recover, said Larson, but once the disease has progressed and there has been scarring to the cornea, the recovery time is much longer and there may be some or total vision loss in the infected eye.

While pinkeye can develop any time of year, the veterinarians say it tends to be more common in the summer.

"One way that pinkeye is passed from one animal to another is by face flies, so fly control is important in trying to reduce the likelihood of the disease spread," Larson said. He explained that face flies are the size of house flies and tend to feed on secretions on the face and can cause damage to the cornea of a calf's eye.

"Because face flies spend relatively little time on cattle it makes fly

control more challenging because of the amount of time they spend away from the cattle," Larson said.

Along with flies, other irritants to the eyes can come from seedheads, weeds, and dust in pastures, White said.

"Mechanical irritations, such as grass seeds, allow bacteria to get into the eye more easily and cause problems," he said.

Larson added that if producers are experiencing a pinkeye outbreak in the herd, they may want to consider moving the cattle to a different grazing pasture.

"Sometimes we will move pastures to try to get them out of the field with the irritating factors such as seedheads or weed seeds," he said.

To hear the full discussion, listen to the Cattle Chat podcast online or through your preferred streaming platform.

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CATTLE SALE EVERY WEDNESDAY: 12:00 PM

Results for August 9, 2023

— COWS / HFRPTS / BULLS —			
	Weight	Price Range	
Cows:	1065-1865	\$110.50-120.00	
Bulls:	1495-1770	\$91.00-111.00	

— TOP STRINGS OF EACH CLASS —			
	HEAD	WEIGHT	PRICE
STEERS			
White City	7 blk	785	\$250.50
Ramona	60 mix	866	\$246.00
Herington	45 blk	910	\$244.00
Leoti	13 mix	759	\$243.50
White City	5 blk	821	\$243.00
Ramona	23 blk	805	\$243.00
Lincolnvill	52 mix	836	\$242.50
Herington	12 mix	918	\$235.00
Lincolnvill	55 mix	962	\$230.00
HEIFERS			
Herington	21 blk	792	\$238.00
White City	9 blk	797	\$233.00

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11	520	306.00	9	526	278.00
9	557	305.50	11	589	271.25
13	575	304.00	22	626	266.00
14	606	290.00	8	685	255.00
16	659	286.00	73	753	247.50
7	690	278.25	7	730	236.00
9	706	278.00	40	727	233.50
42	707	276.50	4	790	225.50
13	727	273.50	12	808	220.00
16	741	270.00	10	895	217.50
19	768	268.00	3	1020	210.00
6	773	262.00	TOP BUTCHER COW:		
8	858	254.50	\$126.00 @ 1,540 LBS.		
10	857	249.00	TOP BUTCHER BULL:		
58	863	247.00	\$137.50 @ 1,975 LBS.		
32	829	245.00	BRED COWS: \$1,600 - \$1,700		
15	975	224.50			
10	1092	199.50			
HEIFERS					
3	458	280.00	PAIRS: \$2,100 - \$2,300		

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Report from August 8th, 2023

STEERS:					
3	367	302.00	5	992	205.50
6	515	287.00	2	1078	194.00
2	555	270.00	TOP BUTCHER COW:		
3	677	255.00	\$125.50 @ 1,725 LBS.		
63	800	253.75	TOP BUTCHER BULL:		
38	897	242.00	\$144.50 @ 1,990 LBS.		
HEIFERS:					
1	620	248.00	BRED COWS: NO TEST		
2	650	236.00			
3	832	226.00			
6	914	210.00	PAIRS: NO TEST		

SEE FACEBOOK PAGE FOR CONSIGNMENTS!

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HEIFERS			
6 mix	379@272.00	10 bwf	538@288.00
21 mix	495@262.00	6 blk	534@284.00
9 mix	486@261.00	22 mix	575@284.00
6 bwf	481@252.00	6 blk	555@271.00
27 mix	541@254.00	8 bkbwf	618@288.00
6 blk	566@250.00	14 mix	640@286.50
17 blk	577@250.00	20 mix	655@280.00
21 mix	590@249.50	6 blk	634@270.00
11 blk	589@249.00	16 blk	600@269.00
11 mix	611@254.00	7 blk	667@268.00
18 mix	646@254.00	21 mix	686@266.00
13 blk	627@253.00	8 mix	689@265.00
13 mix	610@251.00	7 blk	681@263.00
22 bkbwf	696@249.75	21 mix	680@258.00
7 blk	655@249.50	25 mix	652@257.50
6 blk	632@247.00	13 wf	684@241.00
6 mix	666@247.00	6 Red	697@238.00
22 mix	633@244.50	31 mix	734@266.00
7 Red	654@238.00	41 mix	721@263.50
21 bkbwf	692@238.00	8 blk	723@263.00
25 Red	710@249.00	11 mix	770@25.00
8 blk	713@248.50	8 blk	769@254.00
9 bkbwf	733@248.00	17 blk	771@253.00
7 blk	711@246.75	14 blk	764@245.00
67 bkbwf	726@245.25	20 mix	731@257.50
30 bkbwf	782@244.75	10 mix	780@247.50
78 blk	779@244.60	8 mix	748@247.00
12 mix	709@244.00	17 blk	786@242.00
14 mix	729@244.00	7 Red	764@242.00
30 blk	773@243.50	28 mix	832@250.00
9 blk	747@243.00	33 mix	821@248.10
15 mix	756@242.25	6 bkbwf	816@248.00
17 mix	789@241.00	27 bkbwf	809@247.00
65 wf	733@238.00	11 mix	833@246.00
14 bkbwf	759@238.00	25 mix	845@244.75
64 mix	795@236.00	14 mix	849@244.00
16 mix	788@235.00	20 mix	859@244.00
69 mix	714@234.00	63 blk	800@243.00
6 blk	753@231.00	32 mix	880@242.00
48 blk	809@242.50	35 mix	893@241.75
15 mix	800@241.50	170 bkbwf	876@240.25
25 mix	807@238.00	36 mix	852@236.50
28 mix	805@237.50	9 mix	899@230.50
37 blk	843@236.00	55 mix	919@245.00
65 mix	861@229.50	48 blk	983@239.50
42 mix	896@229.50	23 blk	956@237.25
34 mix	880@227.00	23 mix	945@237.00
7 mix	871@226.00	24 mix	920@236.75
		52 blk	921@235.00
		145 mix	939@232.60
		70 mix	1004@238.25

Check our website for consignments!

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!

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WIBW 580 - 6:45 A.M. Thurs; KVQE 1400 - 6:30-6:45 A.M. Thurs. & Fri.

To see more consignments go to: emporialivestock.com



KARL LANGVARDT
Cell: 785-499-2945

MITCH LANGVARDT
Cell: 785-761-5814

First class of farmers and ranchers take home the “Essentials of Regenerative Ranching” from Noble Research Institute course

Noble Research Institute's inaugural two-day training event, Essentials of Regenerative Ranching, brought together farmers and ranchers who are eager to improve the health of their land, livestock, and livelihood. This first delivery of the course, held July 11-12, 2023, at Tarleton State University in Stephenville, Texas, provided producers with an immersive experience that combined facilitator-led classroom learning with hands-on activities in the field, as well as ample opportunities for ranchers to connect and problem-solve with their peers.

“I gained some real practical, hands-on knowledge that I'll definitely be going back and implementing,” said Brendan Bennett, a rancher from San Augustine, Texas. “Also, there's a wealth of information and experience



Ranchers at the recent Essentials of Regenerative Ranching course offered by Noble Research Institute practiced measuring plant height and density to calculate grazeable forage in pastures. The course was conducted at Tarleton State University in Stephenville, Texas.

from the other producers here. I look forward to being able to go back home to the farm and know that I have them as a resource if I have questions.”

Through classroom sessions and engaging field demonstrations, Noble's facilitators guided ranchers to a deeper understanding of regenerative principles and how to effectively implement regenerative practices in their own operations.

“We've designed Essentials of Regenerative Ranching to offer farmers and ranchers guidance in using core principles and proven monitoring methods,” said Hugh Aljoe, director of ranches, outreach and partnerships at Noble Research Institute. “This program allows them to overcome obstacles, become more informed problem-solvers and be more resilient to the highs and

lows of the industry.”

By participating in Essentials, ranchers join a community of like-minded producers who are shaping the future of ranching and leaving a lasting impact on their land and families. During the training, collaborative discussions and the exchange of ideas create a vibrant learning environment, fostering a sense of community and support among participants.

“We are delighted to have hosted the Essentials of Regenerative Ranching training at Tarleton State University,” said Zhan Aljoe, director of the Tarleton Agriculture Center at the university. “It was a privilege to witness the enthusiasm and commitment of the participating farmers and ranchers in learning innovative techniques to enhance their ranching operations. We are proud

to contribute to their success and support the noble cause of regenerative agriculture.”

The Essentials of Regenerative Ranching program is one of many solutions offered as part of Noble's ongoing commitment to advancing regenerative agricultural practices and empowering farmers and ranchers to thrive in a rapidly changing industry. By equipping participants with the tools and knowledge needed to implement regenerative ranching techniques, Noble Research Institute continues to be at the forefront of driving positive change in the agriculture sector.

An upcoming Essentials of Regenerative Agriculture two-day course is scheduled for Oct. 31-Nov. 1 in Ardmore. For more information and to register, visit www.noble.org/essentials.

Yon Family Farms to donate 2024 Angus Foundation Heifer Package

The 2024 Angus Foundation Heifer Package will be donated by Yon Family Farms of Ridge Spring, South Carolina. The heifer, Yon Sarah K1233 (AAA *20450734), is a maternal sister to both Yon Top Cut G730 (AAA +*19476453) and Yon Saluda (AAA +*20336998). Yon Sarah K1233 is safe in calf to Yon Toccoa F1054 (AAA +*19306162), with an anticipated due date of March 21, 2024.

The heifer, offered for sale in January at the 2024 Cattlemen's Congress, will support the Foundation's mission of furthering Angus education, youth and research efforts.

“It was very humbling for our family to even be asked to donate the heifer package to the Angus Foundation,” said Kevin Yon. “The Sarah cow family is one of those families here at Yon Family Farms that has done extremely well.”

Yon Family Farms is a first-generation seedstock

operation whose focus is to provide high quality, value-added cattle to satisfied customers. They aim for their customers to believe that honesty, quality, service and value are synonymous with their name.

Kevin and Lydia Yon started the operation in 1996, and now work alongside their three children, Sally, Drake and Corbin, who each returned to the farm after attending college. The Yons host both a spring and fall production sale, selling around 425 registered Angus bulls and 200 females annually.

“We feel incredibly fortunate to have the Yon family offer this bred female from their proven donor, Yon Sarah D668,” said Jaelyn Boester, Angus Foundation executive director. “The Yon family is a testament to our mission, having participated in many opportunities supported by the Angus Foundation themselves. We can't thank them enough for their dedication to the future of our breed.”

The sale of the heifer package benefits the Angus Fund, which provides unrestricted funding for a variety of programs supported by the Angus Foundation. Beef Leaders Institute, Leaders Engaged in Angus Development (LEAD) conference, Angus University and several ongoing research projects are among the numerous efforts funded by the

Again, the Angus Foundation Heifer Package will sell Friday, January 5, 2024, prior to the start of the 85th National Angus Bull Sale during Cattlemen's Congress. The sale will start at 2 p.m. at the Oklahoma State Fairgrounds, in Oklahoma City, Oklahoma.

For more information about the 2024 Angus Foundation Heifer Package, contact Boester at JBoester@Angus.org or visit https://url.avanan.click/v2/___www.AngusFoundation.org.

Rep. Bloom gives legislative update; warns of Fentanyl threat

By Rep. Bill Bloom

I have been averaging going to the Capitol a couple of times a week to work on bills that we want to be brought up in the next session. Also, answering questions and trying to find answers for voters here, including property taxes, problems with Kansas Fish and Game, rural theft, inflation, etc. Please call if you think I can help. Senator Roger Marshall had a Zoom call recently and wanted us to get out some very important information about the

Fentanyl crisis. He started out by telling us about a young Kansas teen who ordered a Percocet pain pill off of Snapchat and it was delivered right to his house mailbox. He took it and was found dead by his parents the next morning. It was laced with enough Fentanyl to kill four adult men. Kansas is losing one kid every day to Fentanyl. The United States is losing 300 Americans every day. Tell your kids about Fentanyl every chance you have. We told them about COVID, why not Fentanyl?

We are going to start an education program — One Pill Can Kill — look into it. We lose more people to Fentanyl in one year than the entire Vietnam war. These drugs are coming over the border every day. There was an old saying, “What happens on the border, stays on the border;” not so any more. Drugs are going down US75, I-70, I-35, and Highway 81 in record breaking amounts. Senator Marshall said drug cartels are already in Kansas and they're in every Kansas county.

Kansas City, Kansas law enforcement know of at least two big drug cartels operating there, and 4.6 million doses have been taken off Kansas streets so far this year. Street dealers are peddling Fentanyl instead of cocaine, crack, and meth because it is more profitable. Make sure your schools and community buildings have Narcan (Naloxone) that will reduce or reverse the effects of opioids. Shortly, Narcan will be available over the counter. If you have kids, you should have

some. Most of us remember how badly we wanted to fit in with the “popular” kids in school and did some crazy things. Well, today, the crazy things are deadly, and if you have kids, you know enough not to say they won't do something. Fentanyl is mixed with other drugs now and they are called dirty

drugs. There is so much Fentanyl that law enforcement can't control all of it, so we must educate our kids.

Representative Lewis (Bill) Bloom State Representative for the 64th District Cell Phone: 785-630-1068 Office Phone: 785-296-7654 Email: lewis.bloom@house.ks.gov

‘Destination Regeneration’ selected for prestigious film festivals

The pilot episode of *Destination Regeneration*, a regenerative agriculture docuseries from the Soil Health Academy, has been selected for the prestigious Breck Film Festival in Breckenridge, Co. and the South Dakota Film Festival, the non-profit organization has announced.

Associated with the Film Studies Program at the University of Colorado-Boulder, and hosted by film critic Jeffrey Lyons, the Breck Film Festival (formerly the Breckenridge Film Festival), is one of the country's oldest. For most of the last decade, the festival has hosted overcoming adversity/spiritual-themed film series within the main program, which showcases works intended to spark meaningful discussion. The South Dakota Film Festival emphasizes great films from the Great Plains but is primarily focused on screening “the best films submitted regardless of their geographic origin.”

“We're delighted *Destination Regeneration* is among a select number of films to be featured at these events,” SHA president Dawn Breikreutz said. “By showcasing the series' pilot episode, both festivals allow potential sponsors and executives within the industry to see the entertainment and education potential of the entire series.”

To keep the docuseries true to the values of the non-profit organization, Breikreutz said SHA is seeking funding to produce the remaining nine episodes from businesses and organizations that genuinely support the regenerative agriculture movement.

“Given the fascinating stories and the high-production value of *Destination Regeneration*, we're certain we will find a broadcast or streaming service to platform the series, but we are equally committed to ensuring content integrity that reflects our mission and that is worthy of the farm

families featured,” she said. “There will be no Hollywood stars in the episodes, but the series will be replete with genuine heroes who are regenerating their soil, farms, food, families and communities.”

“We knew from the beginning that there were just too many intriguing and heartfelt stories to be effectively told in a one-and-done, feature-length documentary,” Ron Nichols, SHA's communications director and *Destination Regeneration* executive producer, said. “Our Emmy-nominated production team is dedicated to telling those stories in an honest, unscripted, undirected way, even if every

story doesn't have a perfect ‘Hollywood ending.’ This series will take viewers on a journey through America's heartland and small towns, with each episode exploring the real-life stories of the families who have embarked upon regenerative journeys — journeys that are as captivating and consequential as the ultimate destinations.”

The two-minute trailer of *Destination Regeneration* can be viewed at <https://vimeo.com/832447946>. For more information on the docuseries visit www.DestinationRegeneration.org or follow “Destination Regeneration” on Facebook, Twitter and Instagram.

Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway
Livestock Auction every Tuesday at 11:00 AM
****STARTING TIME: 11:00 AM****

MARKET REPORT FOR TUESDAY, AUGUST 8, 2023
RECEIPTS: 1830 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
WWW.HOLTONLIVESTOCK.COM

STEERS		HEIFERS	
3 blk bulls Netawaka	330@347.50	13 blk Red Valley Falls	879@236.00
9 blk Americus	480@332.50	3 blk b/wf Netawaka	370@312.50
12 blk Americus	560@323.00	4 blk Holton	415@300.00
10 blk Americus	398@318.00	21 blk Americus	531@288.00
12 blk rd Holton	544@315.00	10 blk Chr Netawaka	530@287.00
33 blk Chr Holton	569@310.00	11 blk Mayetta	313@287.00
9 bk b/wf Leavenworth	572@307.50	16 Chr blk Holton	508@285.00
19 blk Chr Netawaka	633@290.00	15 blk Red Holton	541@280.00
37 blk Red Netawaka	679@283.50	12 blk Americus	442@279.00
13 blk Chr Wheaton	672@280.00	21 Chr blk Holton	591@272.50
29 blk Red Holton	684@280.00	23 mix Lebo	647@268.50
19 Char Netawaka	712@264.50	17 Chr blk Netawaka	612@268.00
70 mix Holton	770@259.35	16 mix Wheaton	597@260.00
146 mix Holton	831@252.75	25 blk Red Netawaka	674@258.50
69 blk Chr Valley Falls	808@251.75	28 blk Red Holton	659@257.50
95 blk Holton	877@248.00	14 blk Chr Holton	651@250.00
30 blk Red Holton	826@244.50	10 Red Netawaka	689@247.00
55 blk b/wf Holton	897@244.00	73 blk b/wf Holton	748@246.25
116 mix Valley Falls	929@240.00	22 mix Wheaton	704@240.00

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Fax: 316-320-7159

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El Dorado, KS 67042

Market Report - Sale Date 8-10-23. 2,708 head

300-400 lb. steers, \$286-\$303; heifers, \$270-\$281; 400-500 lb. steers, \$280-\$316; heifers, \$251-\$275; 500-600 lb. steers, \$281-\$307; heifers, \$245-\$272; 600-700 lb. steers, \$263-\$279; heifers, \$239-\$260.50; 700-800 lb. steers, \$251-\$272; heifers, \$235-\$250.15; 800-900 lb. steers, \$239-\$255.75; heifers, \$231-\$241; 900-1,000 lb. steers, \$229-\$238.75; heifers, \$210.50-\$213. **Trend on Calves:** Slightly higher on a light test. **Trend on Feeder Cattle:** \$2-\$4 higher across the board. **Butcher Cows:** High dressing cows \$105-\$117; Avg. dressing cows \$90-\$104; Low dressing cows \$75-\$90. **Butcher Bulls:** Avg. to high dressing bulls \$126-\$137.50. **Trend on Cows & Bulls:** Steady to slightly weaker on thin supply.

Some Highlights Include:

HEIFERS		STEERS	
8 blk	303@281.00	12 blk	440@316.00
2 blk	458@275.00	9 blk	516@307.00
6 blk	533@265.00	6 blk	576@284.00
9 blk	571@266.00	13 mix	595@276.00
28 mix	612@260.50	14 blk	644@279.00
66 blk	704@250.75	72 blk	727@260.00
70 mix	734@242.00	68 blk	737@257.25
67 mix	801@235.00	68 blk	778@258.50
66 most blk	812@241.00	137 blk	804@255.75
15 b/wf	919@213.00	61 blk	875@249.00
		100 mix	932@233.00
		56 blk	956@238.15

Next Sale: Thursday, AUGUST 17, 11 AM

- 1 load red/rwf heifers, off grass, 775-825lbs
- 2 loads black heifers, off grass, 775-825lbs
- 75 mostly black steers, 900-925lbs
- 170 mx heifers, 700-800lbs
- 25 mx steers & heifers, off cow, 500-700lbs
- 25 mx steers & heifers, HR, 100+ days weaned, 500-700lbs
- 50 mostly blk steers & heifers, HR, LTW, 550-750lbs
- 8 black heifers, LTW, 800-850lbs

SPECIAL COW SALE

Saturday, AUGUST 19, 11 AM

- 19 blk bred heifers, bred to Ang bulls, start calving Sept. 1st
- 17 blk/red 2-8 year old cows bred to Red Ang bulls, start calving Sept. 1st for 75 days
- 120 blk 3-4 year old cows bred to Ang bulls, start calving Sept. 7th for 60 days
- 100 blk 3-5 year old cows, start calving Sept. 1st for 75 days
- 40 blk 3-6 year old cows bred to Ang bulls, start calving Sept. 1st for 70 days
- 30 blk/bwf 4 yr -Short & solid mouth cows bred blk. Start calving Sept. 1st.
- 60 blk 3-5 year old cows, short bred spring calvers

We welcome your consignments!
If you have cattle to consign or would like additional information, please call the office at 316-320-3212
Check our website & Facebook for updated consignments: www.eldoradolivestock.com
To stay up to date on our latest announcements you can “Like” us on Facebook

Josh Mueller Owner/Barn Manager (316) 680-9680	Van Schmidt Auctioneer/Fieldman (620) 345-6879
Seth Greenwood Asst. Barn Manager/Fieldman (620) 583-3338	Charly Cummings Auctioneer/Fieldman (620) 496-7108
Kyle Criger Fieldman (620) 330-3300	Brandon Fredrick Fieldman (620) 204-0841

Cattle Sale Every Thursday 11:00 AM



Central Livestock
811 N. Main St.
South Hutchinson, KS

www.centrallivestockks.com

Clint and Dalli Turpin ~ Owners
Office: 620-662-3371

Hay Auction- Every Tuesday at 9:00 a.m.
Cattle Auction- Every Tuesday at 11:00 a.m.
Sheep/Goat Auction- Every 3rd Saturday at 11:00 a.m.
Horse/Tack Auction- Every 2nd Saturday

August 15th - NO Sale
August 19th - Sheep & Goat Sale
August 22nd - Special Calf & Yearling Sale
August 29th - NO Sale
ALL WEIGH COWS & BULLS SELL AT THE END

K-State's Munir receives \$1M USDA-NIFA grant

Arslan Munir, associate professor of computer science in the Carl R. Ice College of Engineering at Kansas State University, has received a \$1 million grant from the U.S. Department of Agriculture National Institute of Food and Agriculture to develop a fog-assisted framework designed to fill the gaps in contemporary smart agriculture technol-

ogies. Munir will lead the three-year project, "FogAg: A Novel Fog-Assisted Smart Agriculture Framework for Multi-Layer Sensing and Real-Time Analytics of Water-Nitrogen Colimitations in Field Crops," which aims to integrate multi-layer sensing and real-time analytics of a plant-soil system to help solve the complex bi-

ological puzzle of linking the effect and interaction of two important crop inputs affecting crop yield, in this case, water and nitrogen.

Working alongside Munir from K-State are co-principal investigators Paul R. Armstrong, adjunct professor of biological and agricultural engineering, Ignacio Ciampitti, professor of agronomy,

Mitchell Neilsen, professor of computer science, and Naiqian Zhang, professor of biological and agricultural engineering.

"In addition to helping explain the effects of these inputs, FogAg will also help provide near real-time diagnosis of crop stresses and translate the data into usable agronomic decisions that not only boost crop pro-

ductivity but also increase overall yield," Munir said. "To meet the project goals and develop the proposed FogAg framework, scientific innovations in core cyber-physical systems areas will be made on architecture, sensing, data analytics and machine learning, and modeling fronts."

The proposed framework will find many appli-

cations in both rural and urban development, while the proposed technologies will help in the efficient usage of resources and improvement to crop health, quality and yield, which will result in significant social and economic benefits in food security. The project also aims to have a positive environmental impact by reducing nitrogen used in agriculture.

Agricultural Hall of Fame to induct Dr. Barry Flinchbaugh, "Potato King" Junius Groves and NM Extension Agent

Three people responsible for making major contributions to the past, present and future of American agriculture - Dr. Barry Flinchbaugh, Junius Groves and Fabiola Cabeza de Baca - will be inducted into the National

Agricultural Hall of Fame on Oct. 5 at the National Agricultural Center in Bonner Springs. The Hall of Fame honors individuals who have made outstanding national or international contributions to the establishment, devel-

opment, advancement or improvement of American agriculture. Flinchbaugh, Groves and de Baca join a roster of notables, including Sen. Pat Roberts, Eli Whitney, George Washington Carver and John Deere.

Dr. Barry Flinchbaugh (1942-2020)

Dr. Barry Flinchbaugh was well-known as one of the United States' leading experts on agricultural policy and agricultural economics. For more than four decades, he was a top adviser to politicians of both major political parties, including secretaries of agriculture, chairs of the U.S. House and Senate Agriculture committees, and numerous senators and state governors. Flinchbaugh was involved to some degree in every U.S. farm bill written since 1968, and served on many national boards, advisory groups and task forces, providing input on domestic food and agricultural policy. He served as the chairman of the Commission on 21st Century Production Agriculture, which was authorized in the 1996 Federal Activities Inventory Reform, or FAIR, Act, also known as the Freedom to Farm Act. Dr. Flinchbaugh was also an influential ag policy instructor in the agricultural economics department at Kansas State University. From 1970 to 2020, he taught Ag Policy 400 - a combination of ag trade, marketing and politics. Along with his accolades as a professor, he received recognition for his influence in the agricultural economics profession. He was a recipient of the 2012 Agriculture Future of America Leader in Agriculture Award, 2003 American Agricultural Editors Association Distinguished Service Award, 2001 National Association of Wheat Growers Outstanding Extension Professional Award, 2002 WAEA Outstanding Career in Agricultural Economics Award, and was a three-time AAEA Fellow nominee.

Junius G. Groves (1859-1925)

Born in slavery on April 12, 1859 in Louisville, Kentucky, Junius George Groves came to Kansas at the age of 19 during the time of the Exoduster Movement of ex-slaves

from the South. He began farming near Edwardsville, where he purchased 80 acres of land and raised white potatoes. Much of Groves' success was due to his 46 years of devotion to the science of agriculture. He earned the title "Potato King of the World" in 1902 for growing more bushels of potatoes per acre than anyone else in the world up to that point in time. By 1900 Groves bought and shipped potatoes, fruits and vegetables extensively throughout the United States, Mexico and Canada. The Union Pacific Railway built a special spur to his property to accommodate his needs. At the height of his success, he owned more than 500 acres.

Groves surpassed financial parity with most whites in contemporary Kansas and in the process combated racism by example and by providing economic opportunities to blacks and whites with a particular emphasis on uplifting his race. During the busy farming season, he employed up to 50 mostly black laborers. He founded Groves Center, an African American community near Edwardsville in the early 1900s. He also established a golf course for African Americans, perhaps the first in the United States. Groves was one of the wealthiest African Americans in the nation by the first decade of the 20th Century. His holdings were estimated to be worth \$80,000 in 1904 and \$300,000 by 1915. He was a founding member of the Kansas State Negro Business League, the Kaw Valley Potato Association, the Sunflower State Agricultural Association, and the Pleasant Hill Baptist Church Society. He was featured in Booker T. Washington's book, *The Negro in Business* (1907).

Fabiola Cabeza de Baca (1884-1991)

Fabiola Cabeza de Bacaspent decades of her life teaching in the classroom or traveling miles across rural communities in New Mexico to share Home

Economics knowledge as the first Spanish-speaking Agricultural Extension service agent. She created an educational, cultural and agricultural legacy in New Mexico and beyond. She opened doors to education and agriculture for endless individuals in Hispanic and pueblo rural communities, who would not have otherwise had such opportunities. Notably, de Baca was the first agent to serve pueblo communities, having learned Native American languages to better communicate with people from several pueblos. Fabiola Cabeza de Baca emphasized nutritional value of native foods and developed new recipes for using them, introducing techniques of food canning - a process easier than drying which also preserved more nutrients. She wrote bulletins in Spanish on subjects as basic nutrition, food preparation, canning, and care and use of the sewing machine. On the national level, de Baca was a diversity committee member in the National Extension Association of Family and Consumer Sciences. Early in her career, she made what is arguably her most far-reaching publication, and the earliest cookbook of New Mexican foods, *Historic Cookery*. It was the first publication to document the u-shaped fried taco shell that is now known around the world. Throughout her years, de Baca's achievements impacted beyond New Mexico. The United Nations recognized her expertise, and she joined the U.N. on a mission to Mexico to teach new skills to people in villages in the state of Michoacán. She trained a generation of Peace Corps volunteers who shared her influence across the world, a testament to her influence and profundity as an educator. On the national level, she was a diversity committee member in the National Extension Association of Family and Consumer Sciences.

Grass & Grain Weather Report Aug. 16, 2023

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																
WEDNESDAY Sunny High: 90 Low: 66 THURSDAY Sunny High: 93 Low: 70 FRIDAY Sunny High: 90 Low: 65 SATURDAY Cloudy High: 92 Low: 69 SUNDAY Mostly Sunny High: 94 Low: 70 MONDAY Mostly Cloudy High: 96 Low: 73 TUESDAY Mostly Sunny High: 97 Low: 72	Today we will see sunny skies, high of 90°, humidity of 50%. East wind 10 to 14 mph. The record high for today is 105° set in 2000. Expect mostly clear skies tonight, overnight low of 66°. Southeast wind 13 mph. The record low for tonight is 56° set in 2004. Last Week's Almanac <table border="1"> <thead> <tr> <th>Date</th> <th>H/L</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>8/4</td><td>92/72</td><td>91/67</td><td>0.55"</td></tr> <tr><td>8/5</td><td>94/71</td><td>91/67</td><td>0.01"</td></tr> <tr><td>8/6</td><td>84/67</td><td>91/67</td><td>0.19"</td></tr> <tr><td>8/7</td><td>83/61</td><td>91/67</td><td>0.00"</td></tr> <tr><td>8/8</td><td>93/64</td><td>91/66</td><td>0.00"</td></tr> <tr><td>8/9</td><td>88/71</td><td>91/66</td><td>0.27"</td></tr> <tr><td>8/10</td><td>94/66</td><td>90/66</td><td>0.00"</td></tr> </tbody> </table> Rainfall: 1.02" Normal rainfall: 0.72" Departure: +0.30" Average temp: 78.6° Average normal: 78.7° Departure: -0.1°	Date	H/L	Normals	Precip	8/4	92/72	91/67	0.55"	8/5	94/71	91/67	0.01"	8/6	84/67	91/67	0.19"	8/7	83/61	91/67	0.00"	8/8	93/64	91/66	0.00"	8/9	88/71	91/66	0.27"	8/10	94/66	90/66	0.00"	
Date	H/L	Normals	Precip																															
8/4	92/72	91/67	0.55"																															
8/5	94/71	91/67	0.01"																															
8/6	84/67	91/67	0.19"																															
8/7	83/61	91/67	0.00"																															
8/8	93/64	91/66	0.00"																															
8/9	88/71	91/66	0.27"																															
8/10	94/66	90/66	0.00"																															
Local UV Index	Weather History	Growing Degree Days																																
0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure [0] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]	Aug. 16, 1777 - The Battle of Bennington, delayed a day by rain, was fought. The rain delayed British reinforcement and allowed the Vermont Militia to arrive in time, enabling the Americans to win by defeating two enemy forces, one at a time.	<table border="1"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>8/4</td><td>32</td><td>8/8</td><td>28</td></tr> <tr><td>8/5</td><td>32</td><td>8/9</td><td>29</td></tr> <tr><td>8/6</td><td>25</td><td>8/10</td><td>30</td></tr> <tr><td>8/7</td><td>22</td><td></td><td></td></tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	8/4	32	8/8	28	8/5	32	8/9	29	8/6	25	8/10	30	8/7	22														
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Sell At St. Marys

Sell Or Buy Cattle By Auction STARTING TIME 10:30 AM Tuesdays

We sold 2295 cattle August 8, with a very good run of high quality cattle. Steer and heifer calves were in good demand at higher prices. Feeder steers and heifers sold steady to \$7.00 higher. Cows and bulls were \$5.00-10.00 higher.

STEER & BULL CALVES 1 blk str 285 @ 327.00 9 red/blk str 458 @ 305.00 2 blk str 458 @ 304.00 9 blk str 519 @ 303.00 4 blk/bwf bulls 193 @ 303.00 4 blk str 473 @ 302.00 3 blk str 480 @ 300.00 1 bwf str 450 @ 296.00 1 char str 455 @ 295.00 2 x-bred bulls 315 @ 295.00 4 blk str 499 @ 293.00 1 blk str 415 @ 293.00 4 blk str 499 @ 293.00 1 blk str 355 @ 292.00 5 blk/bwf str 417 @ 291.00 1 blk str 495 @ 290.00 4 blk/chr bulls 419 @ 273.00 2 char str/bulls 480 @ 270.00 STOCKER & FEEDER STEERS 5 blk str 582 @ 294.00 4 blk str 630 @ 284.00 6 blk/bwf str 552 @ 283.00 14 blk str 614 @ 278.00 15 red/blk str 582 @ 273.00	11 blk/bwf str 583 @ 270.00 19 blk/bwf str 604 @ 268.00 59 mix str 684 @ 265.25 12 blk str 663 @ 261.00 3 x-bred str 555 @ 259.00 5 blk str 684 @ 259.00 181 blk str 789 @ 259.00 40 blk/red str 709 @ 258.50 32 blk str 730 @ 254.00 36 mix str 729 @ 253.50 61 blk str 829 @ 253.50 12 blk/bwf str 767 @ 250.00 10 wf/bwf str 706 @ 249.00 68 blk/red str 795 @ 248.75 9 blk str 773 @ 248.00 62 blk/bwf str 915 @ 248.00 4 blk/sim str 761 @ 247.50 8 blk str 801 @ 247.00 64 blk/red str 849 @ 246.50 59 blk/bwf str 880 @ 245.75 60 blk/bwf str 870 @ 245.50 77 wf str 804 @ 244.25 65 blk/red str 862 @ 244.00 226 blk/red str 887 @ 243.85 58 blk/red str 896 @ 243.50	896 @ 243.25 902 @ 253.25 870 @ 242.50 831 @ 241.75 859 @ 241.50 759 @ 239.00 866 @ 239.00 772 @ 238.00 822 @ 237.00 5 blk/red str 775 @ 236.00 16 blk/red str 918 @ 228.00 24 x-bred str 769 @ 213.00 HEIFER CALVES 2 blk hfrs 348 @ 291.00 4 blk/bwf hfrs 438 @ 278.00 24 blk/red hfrs 516 @ 276.00 3 blk/chr hfrs 537 @ 275.50 4 blk/red hfrs 403 @ 271.00 8 blk/red hfrs 419 @ 271.00 5 blk hfrs 448 @ 270.00 3 blk/bwf hfrs 453 @ 270.00 6 blk hfrs 483 @ 270.00 6 blk/bwf hfrs 510 @ 270.00 11 blk/bwf hfrs 546 @ 269.50 5 blk/bwf hfrs 499 @ 268.00	438 @ 264.00 512 @ 262.00 524 @ 255.00 STOCKER & FEEDER HEIFERS 7 blk hfrs 589 @ 268.00 10 blk/bwf hfrs 591 @ 258.00 680 @ 255.00 641 @ 250.00 14 blk hfrs 608 @ 248.00 12 blk/bwf hfrs 738 @ 247.00 21 blk hfrs 634 @ 245.50 17 blk/red hfrs 699 @ 245.00 11 blk hfrs 697 @ 242.00 12 wf/blk hfrs 625 @ 237.00 128 blk/red hfrs 846 @ 236.50 6 blk hfrs 655 @ 236.00 8 blk/red hfrs 836 @ 234.50 14 blk/bwf hfrs 703 @ 231.50 11 mix hfrs 835 @ 225.00 50 blk/bwf hfrs 930 @ 221.25 5 blk hfrs 700 @ 221.00 4 blk hfrs 771 @ 220.00 COWS 1 blk cow 1595 @ 129.00 1 blk cow 1405 @ 127.00	1 blk cow 1540 @ 126.00 1 blk cow 1340 @ 124.50 1 blk cow 1355 @ 124.00 1 blk cow 1370 @ 123.50 1 char cow 1435 @ 123.00 1 blk cow 1280 @ 121.00 1 blk cow 1420 @ 120.00 1 sim cow 1265 @ 117.50 1 red cow 1265 @ 116.00 1 wf cow 1295 @ 115.00 1 wf cow 1260 @ 113.50 1 blk cow 1265 @ 112.00 1 sim cow 1510 @ 111.50 1 char cow 1165 @ 111.00 1 bwf cow 1010 @ 110.00	1 blk cow 1425 @ 108.00 1 blk cow 1590 @ 106.00 1 blk cow 1330 @ 105.00 1 blk cow 1450 @ 104.00 1 bwf cow 915 @ 103.00 BRED COWS 4 blk/red cows @ 1635.00 1 blk cow @ 1600.00 1 bwf cow @ 1475.00 BULLS 1 blk bull 2190 @ 130.00 1 blk bull 1585 @ 129.50 1 blk bull 1305 @ 114.00 1 blk bull 2390 @ 110.00 1 char bull 1290 @ 108.00
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CONSIGNMENTS FOR TUESDAY, AUG. 15, 2023:

- 210 Hereford steers, 700-825 lbs.
- 100 Hereford heifers, 650-750 lbs., OCV vacc.
- The above cattle are homeraised, raised from Brainard Cattle Co., all fully vaccinated off grass
- 600 blk char red steers, 875-950 lbs., off grass
- 124 blk bwf str, 850-875#, northern origin
- 68 blk str, 875-900#, off grass

CONSIGNMENTS FOR TUESDAY, AUG. 22, 2023:

- 240 blk str, 850-900#, off grass

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by visiting www.grassandgrain.com & logging into the online subscription

FOR INFORMATION OR ESTIMATES:

REZAC BARN	ST. MARYS, 785-437-2785	LELAND BAILEY	TOPEKA, 785-215-1002
DENNIS REZAC	ST. MARYS, 785-437-6349	LYNN REZAC	ST. MARYS, 785-456-4943
DENNIS' CELL PHONE	785-456-4187	REX ARB	MELVERN, 785-224-6765
KENNETH REZAC	ST. MARYS 785-458-9071		

Toll Free Number.....1-800-531-1676

Website: www.rezACLIVESTOCK.com

AUCTIONEERS: DENNIS REZAC, REX ARB & JASE HUBERT

Livestock Commission Company, Inc.

St. Marys, Ks.