Certified Angus Beef celebrates 45th year with strong sales

and Jessica Travis

It has been 45 years since Certified Angus Beef's (CAB) first customer purchased a strip steak at Renzetti's IGA grocery store. Since then, consumer demand for high-quality beef has grown, ultimately driving demand for premium Angus genetics.

"The Certified Angus Beef brand was founded on a mission to improve the consumer's beef eating experience and drive demand for Angus cattle," says John Stika, president of CAB.

Marking the third-highest sales year on record, the global beef brand sold 1.227 billion pounds across 52 countries during the 2023 fiscal year. While down 7 million pounds, or 0.6%, from total sales in 2022, this year marks the brand's eighth year over a billion pounds

2023 was the third highest sales month in the brand's history at 112.3 million pounds.

"It's because of the community around this brand, their daily hard work, and intentionality in leveraging the value of the Certified Angus Beef ® brand that we're celebrating yet another year of over 1 billion pounds sold," Stika says.

CAB supply increased despite lower fed cattle numbers

producers "Angus deserve a tremendous amount of credit for maintaining their focus on marbling and continuing to improve the quality of

their cattle," Stika says. While the total fed cattle supply declined by 3%, this year 5.82 million carcasses were certified for the brand, increasing CAB supply 0.5%. This resulted after 16.16 million cattle were identified as eligible for the brand.

Family farmers and ranchers' commitment to supplying high-quality cattle continues to be rewarded through grid premiums. As reported in March 2022, premiums paid by packers to producers for brand-qualifying cattle totaled \$182 million annually or \$3.5 million per week.

Meeting consumer demand Consumers continue to demand high-quality beef offerings at the meat case and while dining out, both

domestically and interna-

tionally.

4 blk

10 blk

14 blk 6 blk

6 blk

10 blk

FEEDER HEIFERS

414.8 million With pounds sold, foodservice sales are up 2.4% from 2022 and reached their second-best year to date.

While diners enjoyed Certified Angus Beef ® at their favorite dining eslin star restaurants to acclaimed barbecue joints and beyond, they also purchased the trusted beef brand in the meat case. Retail stores recorded 521 million pounds sold in 2023, marking the fifth year of over 500 million pounds sold across retailers, though down 4.9% in total sales from last year.

U.S. sales dipped slightly from last year, but international sales soared to 188 million pounds, an increase of 5.5%. The highest growth was recorded in China, Hong Kong, South Korea and Mexico.

Looking across the marketplace, the steady increase in demand for labor and time-saving solutions led value-added products — items such as fully-cooked briskets, hamburger patties, marinated roasts, franks, flavored meatballs, etc. -

Up 9.8% from 2022, 44.7 million pounds were sold across retail and foodservice, both in U.S. and international markets.

Certified Angus Beef ® Prime sales marked a new milestone with 41 million pounds sold, up 17.7% from last year. Given the current marketing conditions, these record sales are further indication that consumers are not backing down from quality.

As Certified Angus Beef further embraced consumer choice, Certified Angus Beef ® Natural saw 4.4 million pounds sold, down 6.4% from 2022.

"We are all connected through our shared commitment to quality, and to fulfill the growing demand that's out there for the brand," Stika says. "In the process, we'll continue to engage the entire beef community in creand sustainable future for everyone involved in this brand."

Ag Press building update

After a news story detailing future plans the new owner has for the Ag Press building, Grass & Grain has received calls from subscribers concerned about the future of the paper.

We will remain in our current location for a few more months. then have a very exciting move planned. Grass & Grain will continue without interuption, just in a different location.

More details to come soon!

Wamego

St. George

McLouth

Alma Leonardville

Alma

CATTLE AUCTION j ੜ'*/¹ ੜ') ま'\\$'\') キ*¹ ま\ĵ () □)/♠\`⟩'\



1-800-834-1029 **Toll-Free**

STARTING 10:00 A.M. ON WEIGH COWS FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

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

532@210.00

615@250.50

678@250.00

658@250.00

639@249.50

718@246.00

- 550-825 LBS.

ONLINE BIDDING AVAILABLE AT LMAAUCTIONS.COM

For our sale held on Friday, November 3rd, weaned steer and heifer calves were selling at stronger prices. Several feeder steers and heifers were finding a good demand.

and neners	were inflaming a	a good deiliand
The fleshy ur	nweaned calve	es were showing
some resista	nce. Cull cow	s and bulls sold
steady.		
BULL & ST	EER CALVES -	– 425-550 LBS.
Manhattan	4 blk	452@327.00
Frankfort	8 blk	451@324.00

BULL & STEER CALVES — 425-550 LBS.			Leonardville	11 bwf	716@245.00
Manhattan	4 blk	452@327.00	St.George	4 blk	702@240.00
Frankfort	8 blk	451@324.00	St. George	6 blk	760@238.00
Havensville	5 blk	395@317.00	McLouth	13 blk	785@237.50
Manhattan	4 blk	527@315.00	Easton	5 Ang	825@233.00
Randolph	4 blk	511@314.00	Havensville	5 blk	574@230.00
Wakarusa	9 blk	536@301.00	Randolph	13 blk	609@230.00
Wamego	7 blk	515@300.00	Wamego	8 blk	623@229.00
Wamego	9 blk	528@291.00	St. George	4 Herf	741@224.00
Manhattan	5 blk	432@275.00	Emmett	5 blk	695@213.00
FEEDER BULLS	& STEERS -5	50-950 LBS.	Blaine	5 blk	644@213.00
Frankfort	19 blk	572@277.00	Wamego	6 blk	643@211.00
McLouth	11 blk	667@257.00	Manhattan	7 blk	554@210.00
Kansas City	10 blk	581@255.00	Wamego	7 blk	702@209.00
Kansas City	78 blk	720@254.50	COWS & HEIFE	RETTES — 95	0-1750 LBS.
St. George	17 blk	685@254.00	Alma	1 blk	990@199.00
Wakarusa	9 blk	636@254.00	Lyndon	1 blk	975@185.00
Manhattan	63 blk	858@253.50	Alma	1 blk	1045@183.00
McLouth	10 blk	817@253.00	Alma	1 blk	920@156.00
Havensville	5 blk	642@253.00	Lyndon	1 blk	875@155.00
Leawood	4 blk	607@253.00	Alma	1 blk	900@154.00
Alma	10 blk	693@250.50	Lyndon	1 blk	875@144.00
Wamego	15 blk	645@248.00	Admire	1 blk	890@137.00
Kansas City	69 blk	808@247.50	Admire	1 blk	1325@133.00
Manhattan	36 blk	792@247.00	Lyndon	1 blk	975@132.00
Alma	14 blk	824@245.00	St. Marys	1 blk	1215@131.00
Alma	35 Cross	738@244.00	Frankfort	1 blk	1185@120.00
Randolph	13 blk	666@244.00	Manhattan	1 Cross	1700@114.00
Overbrook	4 blk	716@244.00	Enterprise	1 blk	1665@113.50
Frankfort	13 blk	825@239.60	Enterprise	1 blk	1315@108.00
Bremen	4 Herf	633@239.00	Riley	1 blk	1480@107.00
Alma	58 Cross	877@238.75	Riley	1 Cross	1665@104.50
Manhattan	5 blk	595@236.00	Onaga	1 bwf	1420@103.00
Westmoreland	58 blk	944@235.25	Onaga	1 blk	1195@102.00
Frankfort	6 blk	702@230.00	Onaga	1 bwf	1500@101.50
Wamego	6 blk	697@230.00	Alma	1 blk	1745@98.00
Blaine	4 blk	691@227.00	Manhattan	1 blk	1415@97.00
Wamego	14 blk	744@224.00	Onaga	1 blk	1580@96.00
HEIFER CALVES — 375-550 LBS.			Manhattan	1 blk	1360@95.50
Riley	5 blk	387@288.00	Onaga	1 blk	1435@95.00
Havensville	8 blk	543@253.00	Leonardville	1 blk	1365@94.50
Blue Mound	8 Cross	437@252.00	Onaga	1 bwf	1350@93.50

EARLY	CONSIGNMENTS FOR NOV.	10

Riley

Alma

Leonardville

Frankfort

1 blk

1 Cross

1 Cross

1 Char

1270@92.50

1430@91.00

1260@90.50

1525@90.00

- SELLING AT 11:00 A.M. 16 Red Ang cows, 4 yrs & older, bred Red Ang & Blk Ang for Feb-March calves
- 20 Blk Ang cows, 4 yrs & older, bred Red Ang & Blk Ang for Feb-March calves

465@246.00

497@243.50

447@240.00

530@235.00

- 50 Blk Cows (3 yrs to older) bred Char bulls for Feb-Mar calves
- 80 blk strs & hfrs, long weaned, all shots, 400-650#

4 Cross

4 blk

7 blk

4 blk

Randolph

Manhattan

Manhattan

Whitewater

- 60 Sim genetic strs (40) & hfrs (20). Weaned 30+ days, 2 rds shots, 500-600#
- 24 blk strs & hfrs, Spring & Fall shots, bunk broke, weaned 30+ days, no implants, 500-650# 50 home raised Red Ang sired strs & hfrs, 2 rd shots, no implants, wean 30+ days, 400-650#
- 19 Angus replacement Fall born, OCV hfrs, all shots, 750-800#
- 6 Angus replacement Fall born, OCV hfrs, all shots, 650-700#
- 155 choice reputation SimAng sired, dams are blk & blk baldy strs & replacement quality hfrs, 550-675#, all spring shots.

EARLY CONSIGNMENTS FOR NOV. 17:

- 5 Braunvieh strs & hfrs, weaned, all shots, 400-450#
- 70 choice reputation blk Ang strs & hfrs, 2 rds shots, weaned 9-5, poured twice, 650-800# 75 SimAngus sired strs & hfrs, weaned 45 days, 550-650#

EARLY CONSIGNMENTS FOR DEC. 1

SELLING AT 11:00 A.M.

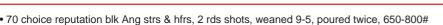
18 Angus cows (6 vrs & older) with Aug-Sept calves (calves all worked)

3 Angus cows (6 yrs & older) Bred Angus, heavy Springers

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Frankfort	1 blk	1310@88.00	Riley	1 blk	960@75.00
Admire	1 blk	1320@87.00	BULI	LS — 1500-215	50 LBS.
Olsburg	1 blk	1220@86.50	Wamego	1 blk	1740@120.50
Olsburg	1 blk	1255@85.50	Wheaton	1 blk	1850@120.00
Alma	1 blk	1350@84.50	Wamego	1 blk	1530@119.00
Manhattan	1 blk	1335@81.50	Onaga	1 blk	2130@115.50
Topeka	1 blk	1150@80.00	Onaga	1 blk	2095@111.50
Alma	1 Cross	1345@77.50	Manhattan	1 blk	1515@106.00
Admire	1 blk	1020@77.00	Frankfort	1 Cross	1710@104.00
		•			

SPECIAL STOCK COW & 🐗 **BRED HEIFER SALE**



WED., NOV. 15 • STARTING 11:00 AM

— ONLINE BIDDING AT LMAAUCTIONS.COM —

- COMPLETE DISPERSAL OF WOODRUFF FARMS CONSISTING OF: 70 Home raised Angus & SimAng cows, 3 yrs-SS, bred SimAng bulls due to calve Feb.-March.
- COMPLETE SPRING CALVING COWS DISPERSAL OF JOSH GROENE CONSISTING OF 9 bwf cows (5yrs) & 14 Ang cows (6-7 yrs). Blk 3/4 Sim bull turned in June 1 for March-April
- COMPLETE DISPERSAL OF TYLER YADON'S SPRING CALVING COWS CONSISTING OF 10 Herf cows, 3 yrs. 22 Herf cows, 4+ yrs. 12 blk bwf cows, 4 yrs to SS. Angus bull turned in May 1 for Feb. calving.
- COMPLETE DISPERSAL OF BELLINGER FAMRS CONSISTING OF: 125 home raised blk w. a few Red cows, 3+ yrs, Balancer bulls turned in June 1 for March calving.

BRED 1ST & 2ND CALF HEIFERS

- 3 purebred Braunvieh 1st calf hfrs, bred Braunvieh for May calving.
- 8 big blk 1st calf hfrs bred Ang, heavy springers, 1200#
- 15 choice home raised Angus 1st calf hfrs, Cole Creek Cedar Ridge LBW Angus bull turned in March 18th for end of Dec-Jan calving.
- 5 choice home raised Herf 1st calf hfrs bred LBW Herf bull for Feb-March calves. 1 Polled Herf hfr, sired by Z311 Son, Born 2/5/22, bred Polled Herf bull for May calf.
- 38 Red Ang 2nd calf hfrs bred Wooden Cross Char bulls to start calving end of Feb. for 60 day
- calving period. 20 Fancy Spring bred 1st calf hfrs, Al bred to Patriot, Mill Brae/Jones Family Angus Genetics
- bulls to start calving Jan 15 for a 2 week calving period. **1ST CALF HEIFER PAIRS**
- 25 Big gentle Blk 1st calf hfrs with 45-60 day old SimAngus sired calves by side. Hfrs and calves
- 105 blk bwf 1st calf hfrs w/ Jamison, Conneally, & Herbster calves by side.
- 5 fancy blk & bwf 1st calf hfrs w/ 30+ day old Ang sired calves. Calves: Nasalgen3, Pyramid 5, Vision 7. Hfrs: Express FP5+wormed.
- 15 choice blk 1st calf hfrs with 30-45 day Angus sired calves by side.

COW/CALF PAIRS

- 25 Ang cows, 4-6 yrs, w/ 60 plus day SimAng calves by side.
- 39 blk & Red Cows, 2-5 yrs, w/ 90 day calves by side. Cows vaccinated: Bovishield Gold FP5 HB & Poured Dectomax, Calves: Poured & vaccinated with Nasalgen3-PMH & Ultra Bac 7/
- Somibac. Bulls banded. 7 blk cows, 7-8 yrs, w/ 60-90 day Ang sired calves by side.
- 55 older blk bwf cows, 4-8 yrs, w/ Jamison, Conneally, & Herbster calves by side.
- 40 blk bwf & few Red cows, 3-7 yrs w/ late Summer 30 days blk & bwf calves by side. Cows &
- 8 blk BWF Cows (4 yrs & older) with calves by side.
- 1 polled Herf cow, born 2/17/19 with 10/13/23 bull calf by Z311 son. Cow is open.
- 13 Blk BWF cows (3 to 8 yrs) with 2 week to 40 day Cow Camp SimAngus sired calves by side.
- **BRED COWS:** 7 purebred Braunvieh cows, 2-7 yrs, bred Braunvieh for May calving.
- 13 blk bwf cows, running ages, bred to Char for Feb. calving.
- 7 blk heavy springer cows, 6-7 yrs, bred SimAng. 16 blk cows, 5-6 yrs, bred to Hook Angus bulls for Jan.-Feb. calves.
- 14 Red Ang & Char cows, 5-7 yrs, bred Wooden Cross Char bulls to start calving end of Feb.
- for 60 day calving period.

- 1 Registered Angus calving ease bull (22 mo) Reg: AAA 20587169 Poured & Wormed • 1 Registered Angus calving ease bull (21 mo) Reg: AAA 20587171 Poured & Wormed.
- 1 Angus bull, not registered but can be, OCC Emblazon 654E, Poured & Wormed
- 1 Ang bull, 30 mo, sired by Sitz Unmistakable. EPD's are: CED +9, BW+.5, WW +67, YW +113 1 Ang hfr bull, 3 ½ yrs, sired by Stevenson Turning Point. EPD's are: CW +14, BW -1.8, WW
- 1 Registered Connealy Consensus and SAF Connection genetic Angus bull (4 yrs) Trich &
- 1 Registered Connealy Tobin & Hoover Dam genetic Angus bull (4 yrs) Trich & Semen tested.
- 3 Horned Herf bulls, 2 yrs.
- 4 Judd Ranch genetic Balancer bulls (20 mo) to be used on cows.

1 Gentle Angus bull (2 yrs) sired by Conneally Concord

BRYCE HECK

• 1 Gentle Angus bull (20 mo) son of Vision Unanimous

Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM **2023:** November 15 • December 13. **2024:** January 10 • February 14 • March 6 • April 10 • May 1

VISIT US ON THE WEB FOR DAILY CONSIGNMENT UPDATES AT WWW.MCCLIVESTOCK.COM

FIELD REPRESENTATIVES

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SAM GRIFFIN BURNS 620-726-5877 Cell: 620-382-7502 Grass & Grain, November 7, 2023

Kansas Hay Market Report

Proud sponsor of the Kansas Hay Market Report is Bestifor.

Compared to the last report, demand remains slow to moderate, trade activity remained slow, and prices were steady. Folks are busy finishing up harvest, which for many areas has been less than stellar. Not much hay has been moving or purchased in part due to the harvest but also, reports indicate that many feed yards are using silage or grinding their own feed hay. Widespread rain was gratefully received recently and according to CO-CORAH'S, ranged from 9.5" to a trace, unofficially there were reports in excess of 10"-12" inches in the south Lyon County area. According to the U.S. Drought Monitor for October 24th, the categorical percent area for abnormally dry conditions (D0) increased to 16%, moderate drought (D1) decreased to 17.5%, severe drought (D2) remained near 30%, extreme drought (D3) remained at 19%, and exceptional drought (D4) increased to near 1.5%.

Southwest Kansas

Dairy alfalfa, grinding alfalfa, and ground and delivered, steady, movement slow. Alfalfa: Dairy,1.40-1.50/point RFV. Good, Stock or Dry Cow 220.00-250.00. Fair/good grinding alfalfa, large rounds new crop 205.00-215.00 delivered short haul, large square 3x4's and 4x4's new crop 205.00-215.00 delivered short haul. Ground and delivered locally to feed lots and dairies, new crop 240.00-250.00. Alfalfa/oat hay mixed ground and delivered 240.00-245.00. Grass Hay: Bluestem: CRP large rounds 75.00. Corn stalks: large rounds 80.00-85.00



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delivered, large squares 95.00-105.00, ground and delivered 125.00-135.00. The week of 10/22-10/28, 4,595T of grinding alfalfa and 1,250T of dairy alfalfa was reported bought or sold

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered, and alfalfa pellets steady; movement slow. Alfalfa: horse, small squares 13.00/bale; Dairy 1.40-1.50/point RFV. Good, Stock cow, 225.00-235.00. Fair/good grinding alfalfa, large rounds new crop 200.00-210.00 delivered, 3x4 and 4x4's new crop 205.00-210.00 delivered, rainedon large square 3x4 and 4x4 140.00-150.00. Alfalfa ground and delivered 235.00-245.00, Alfalfa pellets: Sun cured 15 pct protein 315.00-325.00, 17 pct protein 325.00-335.00, Dehydrated 17 pct protein 410.00-420.00. Grass hay: Bluestem, large rounds 165.00-185.00 delivered, large square 3x4's 150.00-160.00 FOB, small squares 200.00-205.00; Brome, small squares 245.00-250.00/ton. Sudan, large rounds 95.00-105.00. Milo, large rounds 95.00-105.00. The week of 10/22-10/28, 6,575.5T of grinding alfalfa and OT of dairy alfalfa was reported bought or sold.

Southeast Kansas

Dairy alfalfa steady, grass hay steady; movement slow. Alfalfa: horse or goat, none reported. Dairy 1.40-1.50/point RFV. Good, stock cow 260.00-270.00 delivered. Fair/good grinding alfalfa, none reported. Grass hay: Bluestem, small squares, 200.00-205.00, mid square 3x3's180.00-200.00, large square 3x4 175.00-185.00, large round 155.00-170.00. Brome, large round 160.00-170.00, large square 185.00-200.00. The week of 10/22-10/28, 944T of grass hay was reported bought or sold.

Northwest Kansas

Dairy alfalfa steady, grinding alfalfa 15.00 lower;

movement slow. Alfalfa: Horse or goat, small squares none reported, 3x3 squares 300.00 new crop. Dairy, Premium/Supreme 1.40-1.50/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa, large rounds 220.00-225.00, large square 3x4's 225.00-230.00. Alfalfa ground and delivered 260.00-280.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered and grass hay steady; movement slow. Alfalfa: Dairy 1.40-1.50/point RFV; Horse hay, premium small squares, 12.00-13.00/bale; Stock Cow 3x4's 230.00-240.00; Fair/good, grinding alfalfa, large rounds 210.00-220.00, large square 3x4's 225.00-235.00, Alfalfa ground and delivered 270.00-275.00. Alfalfa/Sudan grass mix ground and delivered 200.00. Grass hay: Bluestem, small squares new crop 9.00-10.00/bale, large 3x4 squares 165.00-175.00, good large rounds 150.00-160.00. Brome: small squares 10.00-11.00/bale, large rounds 130.00-180.00. Oat hay, large rounds 160.00; Sudan: large round 170.00-180.00 delivered. Wheat straw: small squares 5.00-6.00 per bale. Corn stalks: large round60.00-70.00. The week of 10/22-10/28, 171T of grinding alfalfa and 100T of dairy alfalfa was reported bought or sold.

** Prices above reflect the average price. There could be prices higher and lower than those published.

*RFV calculated using the Wis/Minn formula. **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.

K-State researchers seek ways to improve pig gut health and decrease mortality

By Maddy Rohr, K-State Research and Extension news service

As the U.S. swine industry shifts toward improving gut health in newly weaned pigs to decrease mortality rates, a Kansas State University student is studying ways to incorporate low acid binding ingredients into swine diets. Ethan Stas, a gradu-

ate research assistant in K-State's Department of Animal Sciences and Industry, said acid binding ingredients are key to a concept known as acid-binding capacity, or ABC-4, which looks at the pH level of a pig's stomach before the animal's gastrointestinal tract matures.

"ABC-4 is the amount of hydrochloric acid required to reach a stable pH of 4 for an ingredient or diet," he said. "For swine, we utilize a pH of 4 because once the pig's stomach increases above (that level of acidity), this is where impaired nutrient utilization and health

problems can occur."

He adds: "When that pig is weaned and switched from a liquid milk-based diet to a dry cereal-based diet, the amount of lactic acid is reduced. At weaning, the pig's gastrointestinal tract is still developing and its hydrochloric acid production in the stomach is limited until that gut fully matures. This can cause an elevated stomach pH which can be associated with decreased protein digestion and opportunity for pathogenic organisms."

Normal mortality rate in nursery pigs is about 4% in the U.S. While they don't all die from digestive tract issues, the goal would be to improve the gut health to reduce mortality and the number of pigs requiring antibiotic treatment after weaning.

"Diarrhea and poor starting pigs is a major challenge for pork producers. This research is focused on reducing that challenge," Stas said. A number of studies

A number of studies evaluating the impact of low ABC-4 diets will be presented at this year's Swine Day. Stas said the studies have shown improvements in growth performance, nutrient use and fecal dry matter.

"Post-weaning diarrhea is a big issue in the swine industry, and our research has shown that utilizing low ABC-4 diets can improve fecal consistency and decrease the prevalence of post-weaning diarrhea," he said.

Stas noted that producers are constantly looking for methods to improve

production and the health of their pigs.

"Understanding potential ways to lower the ABC-4 levels of early nursery diets can help producers improve the performance and health status in their production system," Stas said. "It is a growing topic, and we are continuing to try and learn as

The 2023 K-State Swine Day is scheduled for Nov. 16 on the K-State campus in Manhattan. The registration fee is \$25 per person if paid by Nov. 8, and \$50 after that date or at the door. K-State students may attend free of charge if they register by Nov. 8.

Registration is available online at asi.ksu.edu/swineday, or by sending a check payable to the K-State Department of Animal Sciences and Industry, Attn: 2023 KSU Swine Day, 218 Weber Hall, 1424 Claflin Road, Manhattan, KS 66502.

For more information, contact Katie Smith at 785-532-1267 or katiesmith@ksu.edu.



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in the classified section.



Royal on the Rise

The little girl joined her dad on the trip to Kansas City. Her father, an ag teacher, was taking a bunch of his ag students to the National FFA Convention in Kansas City, and young Jackie McClaskey got to go along. She was excited by the sights and sounds they encountered, including a stop at the historic livestock show: The American Royal.

Decades later, that same young woman is helping lead the American Royal to new heights.

Jackie McClaskey is president and CEO of the American Royal. A Kansas farm kid, she has served several roles in the state, including as Secretary of Agriculture. One issue she heard about was the increasingly urgent need for the American Royal's West Bottoms facilities to be expanded and improved.

The Royal began in 1889

as the National Hereford Show in a tent at the Kansas City Stockvards. It was so successful that it became an annual event on that site. It would grow to include horse shows, rodeos, ag education, and barbecue competitions. 2024 will be the 125th birthday

But by 2016, the need for enhanced facilities led the American Royal to announce a major move: Relocation to Wyandotte County, Kansas. In 2019, Jackie McClaskey joined the Royal staff to develop the new facility. In 2022, she became the president and CEO.

In big win for corn growers, Commerce significantly lowers duties on phosphate fertilizers

The U.S. Department of Commerce recently announced it was lowering duties placed on phosphate fertilizers imported from Morocco from 19.97% to 2.12%. The decision comes after the agency conducted an administrative review of the duties, which is performed annually by retroactively examining the price of shipments and other factors.

The National Corn Growers Association (NCGA), which has been a vocal opponent of the duties, applauded the decision, calling it a big win for corn growers.

"This victory was made possible by corn growers across the country who spoke out against these duties as they faced skyrocketing fertilizer prices and product shortages at the behest of The Mosaic Company," said NCGA president Harold Wolle, "While the best duty on fertilizers is no duty at all, we are nonetheless thrilled that corn growers bearing the brunt of these tariffs will feel financial relief thanks to this decision."

The issue stems from a decision by Commerce in 2020 that favored a petition by the U.S.-based Mosaic to impose duties on phosphate fertilizers imported from Morocco and Russia. Mosaic had claimed that unfairly subsidized foreign companies were flooding the U.S. market with fertilizers and selling the products at extremely low prices.

Soon after the decision, NCGA launched an aggressive campaign that called on Commerce to reverse the decision and for Mosaic to withdraw its request for tariffs. Over the past three years, NCGA has led the charge to raise concerns by filing an amicus brief, sending a letter to the White House, and informing Members of Congress about the impact.

In October of this year, the National Corn Growers Association - along with 62 other agricultural groups, including state corn grower organizations - sent a letter to Commerce Secretary Gina Raimondo calling on her to consider the current difficulties faced

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of the American Royal.

"It's not just about a new home, it's a new American Royal," Jackie said. The massive new facility will be able to accommodate modern livestock shows and other competitions plus much more. Including the connected indoor

by farmers as she recalculates duties on phosphate fertilizer imported from Morocco. That letter and previous actions by corn growers culminated in today's decision.

In a separate matter, in September, Commerce was ordered by the U.S. Court of International Trade to reconsider the duty rate calculation because of flaws found in Commerce's analysis. A decision on that matter is expected on Dec. 13.

and outdoor arenas plus barns, educational and exhibit space, the Royal will have one million square feet under roof and in outdoor learning spaces. This is a \$350 million project involving private and state support on a 220-acre site. They broke ground in spring 2023. The new facility is expected to be completed in the last quar-

ter of 2025. While the Royal is a premier livestock show, it is much more than that. The mission of the American Royal is "to be the nation's leader for food and agriculture education, events, and engagement." Year-round activities include horse shows, rodeos, a leadership summit, community events, and the "World Series of Barbecue" - the largest barbecue contest in the world!

Each year the Royal involves nearly half a million vouth and adults. In addition to the above events, the Royal provides ag and veterinary student scholarships and hosts interactive school tours for second through fifth grad-

Such educational outreach is vital in a paradoxical time when consumers are more concerned about where their food comes from, yet society is increasingly urbanized. As the American Royal website states: "Never before have consumers been more connected to their food. Never before have consumers been more disconnected from agriculture... Our vision is a world where food and agriculture are celebrated, and all generations are committed to its future."

A Royal Opportunity By Ron Wilson, Poet Lariat

Just as a young calf needs to stretch and grow, The need for ag education must expand also. The American Royal began as a livestock competition, And now it must expand to match the industry's condition. Just as agriculture's changed to produce abundant bounty, Now the Royal is moving over to Wyandotte County. In the area called the Legends near the Kansas Speedway, The American Royal's new home is progressing today. On 220 acres near 118th Street, The new facility's structures will cover one million square feet. That's three connected arenas: main, multi-purpose, and outdoor, Plus offices, huge horse barns, and trailer parking galore. A Learning and Engagement Center will help with education, With auditorium, classrooms, event hall, and kitchen for demonstration. It will be ideal for modern livestock and horse shows and more, With opportunity to reach an urban public therefore. We look forward to this new era in which we will enter, As the Royal takes its role as the food and ag epicenter. The new facility will benefit the greater agricultural community

In its upcoming new home:

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agriculture epicenter here in the center of the country," Jackie said. The new facility is intended to create a premier, state-of-theart food and agriculture showcase for discovery, learning and engagement.

> "I want the Royal to be a place where people can convene, consumers

"We can be the food and

Grass & Grain, November 7, 2023 Page 15 can learn about agriculture, and young kids are inspired to think about agricultural careers," Jackie said.

Maybe the Royal will help lead young people to an exciting future, just as it did for Jackie McClaskey on that trip with her father years ago.



RW Saras Dream 207 won reserve grand champion female at the 2023 Kansas State Fair Roll of Victory (ROV) Angus Show, Sept. 16 in Hutchinson. Jayce Dickerson, Paradise, owns the March 2022 daughter of PVF Blacklist 7077. She first claimed reserve junior champion. Brian Barragree, Absarokee, Mont., evaluated the 69 entries. Photo by Legacy Livestock Imaging

80 acres, M/L, of South Central Jackson County, KS Heavily Wooded Wildlife Habitat Hunting Property FRIDAY, NOVEMBER 24, 2023 * 2:00 PM

Auction Location: St. Francis Xavier Church Hall, 301 E. James St., MAYETTA, KS 66509 (SE corner of town) PROPERTY LOCATION: From the Jct. of Hwy. 75 and 158 Rd at Mayetta, KS, go 6 3/4 miles West to "K" Rd., then 1 mile North to 166th Rd., then 1/4 mile East to the SW corner of the property

LEGAL DESCRIPTION: The East Half of the Southwest Quarter of Section 15, Township 8 South, Range 14 East, Jackson Co., KS This property consists of 80 acres, M/L, of a heavily wooded wildlife sanctuary made up of many tall Hackberry, Cottonwood, Walnut, Hedge, Cedar, Dogwood shrubs and various other trees. Wildlife that has been seen is deer, turkey, quail, coyotes, bobcats, raccoons, rabbits and squirrels. This property is a well-known spot for mushroom hunting in the spring. Come take a look at this quiet, secluded property. The purchaser may use this property for this year's hunting season.

For more info or viewing, please call John E. Cline, Broker, 785-532-8381 For Pictures check our website: www.clinerealtyandauction.com

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Auction Conducted By: CLINE REALTY & AUCTION. LLC John E. Cline, Broker/Áuctioneer, Onaga, KS, 785-8**89-477**5 **WEBSITE:** www.clinerealtyandauction.com



Bar S Pride 123 won grand champion cow-calf pair at the 2023 Kansas State Fair Roll of Victory (ROV) Angus Show, Sept. 16 in Hutchinson. Jayce Dickerson, Paradise, owns the June 2021 daughter of Silveiras Forbes 8088. A March 2023 bull calf sired by Malsons Insight 96H completes the winning pair. Brian Barragree, Absarokee, Mont., evaluated the 69 Photo by Legacy Livestock Imaging

PUBLIC AUC

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cab & air; 2004 Dodge Ram 2500 club cab pickup, 5.9 diesel, 2WD 8' bed, 5th wheel ball, 340K; 1985 Chev. C-60 service truck, V-8, 4 spd.; 1966 Ford F-600 grain truck; 1965 Ford F-250; 1970's Int. 3/4 ton 4x4; Krause 17' high clearance chisel; JD 28' field cult.; Krause 17' high clearance chisel; JD 28' field cult.; Krause 24' tandem disc Woods 7' 3 pt. rotary mower; Shaben 130 gal. 3 pt. sprayer; Tucker 12' speed mover: 22' HD implement trailer, tandem 6000# axles brakes, dovetail & ramps; irrigation pipe trailer; Hesston 1365 hydro-swing swather; 2 sprayer tanks on 2 wheel & skid; Crustbuster 30' red box folding drill; sm. trailer for wheel chair.

GUNS & FARM RELATED ITEMS 1962 Winchester 290 auto short, long & long rifle, original box, never fired; Winchester mo. 59 12 ga.; Winchester .22 short, hex barrel; Winchester 1893 black powder goose gun; Winchester Mo. 12 12 ga.; Walther 9mm pistol; LC Smith dbl. barrel 12 ga.; Stevens crackshot .22; Remington .22 pump; 2 Mosin Nagant rifles; Ruger stainless steel 10-22, new in box; Hatfield single shot 20 ga., new in box; Hatfield youth mo. 20 ga., new in box; Marlin 30-30 lever action; 2 Winchester 94 30-30 lever action rifles, 1 Golden comm., NRA; Keltec-P11 9mm; Clayco Sports mo. 6 over/under 12 ga.; Diamondback DB 9 9mm; Mossberg 12 ga.; 12 ga. shells; Winchester 300 Win Mag ammo 150 & 180 grain, new in boxes; 6.5 Grendel brass with primers; gun rack; 6 gun cabinets; Trenton 130# anvil, nice; Craftsman band saw; Delta 10" contractor's table saw; Delta 6" jointer; Delta 12" band saw; DeWalt 12" chopsaw; Craftsman 10" chopsaw: Ready Heater Pro 100 space heater: Kero-sun heater (150) 2'x4' shop lights; new portable RV waste water tote; Crafts man 22" 4 cyl. elec. start snow blower; 5.3x12 trailer tires & wheels; implement jack; utility cart; chainlink gates; Briggs 5 hp eng.; Briggs 8 hp eng., never run; planes; tap & die set; vises; fuel pump; drills horse drawn equip.; crocks; wringer washer; RR cart; head gate, old bottles; roller mill; Garst sign; Carson & Barnes Circus adv. seasoned hedge firewood; like new love seat; Oak 2 drawer file cabinet; chains & boomers; table of old tools; socket sets; line trimmers; hand tools; nail guns; buggy seat; air compressors; jack stands; decorations; button, marble, stamp & scissor collections buckets: sad irons: wood stove: enamel: horse collars: 1976 Coleman lantern, new; Coleman cooler; sled; jewelry; pocket watches knives; baseball cards; JD oil filter; hitch pins; & more.

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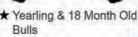
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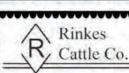
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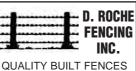


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With high net farm incomes, Kansas leads U.S. in land value spike Rv I.uke Bvers. Crop last several months have its clients of \$146,000. Of for it, which is inflated by

Production agent, River Valley Extension District

Kansas has seen greater increases in agricultural land values over the past several years than any other state. Kansas cropland prices, on average, rose 16.6% from 2022 to 2023, four times more than the annualized inflation rate. Largely, this is owed to historically high levels of net farm income (NFI) in Kansas over the past several years.

NFI is one of the best indicators of agricultural land values. Land is one of the most important investments a farmer can make to grow his operation, and high NFI makes those investments much more manageable. High NFI also attracts interest in agricultural land from outside investors because it suggests that farm ground can be a profitable venture in one's investment portfolio. When demand for agricultural land rises, land prices rise with it.

However, all has not been sunshine and roses in the farming world recently. North central Kansas has suffered through three years of La Nina and drought, leaving subsurface soil parched and incapable of delivering historically proven yields. Fertilizer, seed, and chemical prices have risen dramatically. Average yields declined continuously from 2020-2022 for the region's major row crops. Nevertheless, NFI remained elevated these past few years. What's the story?

Until recently, crop prices have been at historic highs. Only in the

prices slid to what one might consider "typical." Even so, 2023's September/ October harvest lows pale in comparison to the bottoms hit during the coronavirus pandemic, when global supply chains were effectively shut down, and \$3.00/bu. corn was regular. Most row crop commodities are still trading close to 40% higher than just three years ago.

many Furthermore, local row-crop farmers also have cattle enterprises. Drought has forced extra culls, national herd size has trended cyclically lower, and demand has remained steady, so those who have retained optimal herd size have been earning respectable profits. Often, crops grown alongside cattle enterprises are incorporated into feed rations, so lower grain prices can be absorbed into higher cattle margins by limit-feeding corn.

The other side of the story is government payments and crop insurance. Livestock prices may one day fall off, but government involvement in NFI is here to stay. In fact, government payments and crop insurance have an inverse effect on NFI compared to farms' actual agricultural productivity. When drought or disaster strikes, or when yields are low, government payments and crop insurance pay well, and in bumper crop seasons, insurance premiums often outweigh indemnities.

In 2022, for example, the Kansas Farm Management Association, North Central (KFMA-NC) reported an average NFI among milk in Global South

that, \$62,000 was crop insurance payments, \$10,000 was government crop payments, and \$2,000 was livestock government payments. Subtracting out the average crop insurance expense of \$20,000, nearly \$55,000 of net farm income did not come from farms' actual productivity. That means that of the average \$146,000 NFI, 37% was attributable to government payments or crop insurance, while only 63% was attributable to what farms actually produced.

According to MA-NC, in 2021, conversely, crop insurance premiums far outweighed indemnities on average in north-central Kansas. \$15,000 to \$4,000. However, average government payments were up at \$65,000, well above \$12,000 in 2022. NFI attributable to government payments and crop insurance likewise came out to almost \$55,000. or 20% of total NFI. In 2020, net government payments and crop insurance indemnities totaled almost \$90,000, over 50% of the average total NFI in north-central Kansas.

Whether farm production was higher or lower, NFI was boosted by government payments and crop insurance these past several years. However, this discrepancy is not necessarily considered when it comes to land values because land purchasers will participate in government and insurance payouts on that new land. Nevertheless, land value is not purely reflective of its expected productivity, but of what buyers are willing and able to pay

government involvement.

One could argue that much of the large government payments seen in 2020-2021, were emergency measures enacted to mitigate the economic effects of pandemic-related issues. Still, there are downstream consequences to saturating NFI with government payments: higher land prices. The hardship this poses to farmers is more than just stifling future land investments: it is realized through larger tax liabilities on land reappraised for sale.

Going forward, it is important to note that just because NFI may decrease, land prices may not decline with it. Government payments will likely be lower going forward than in 2020-2021, higher interest rates may frustrate land demand. and crop insurance payments may be lower this year than before among select row crops. But, if inflation is high, interest in agricultural land is strong, and farming proves a profitable endeavor in the short-to-medium term, land values will continue to rise, albeit at slower rates than the cumulative 15-20% increases observed recently.

If you would like to learn more about how vou can monitor agricultural land markets, manage your farm assets, or invest in your operation's future, please reach out to Luke Byers, your River Valley Extension District Agriculture & Natural Resources Agent, at (785) 632-5335 or by email at 1sbvers@ksu.edu.

limate-smart cows could deliver J

A team of animal scientists from the University of Illinois Urbana-Champaign is set to deliver a potential game changer for subsistence farmers in Tanzania: cows that produce up to 20 times the milk of indigenous breeds.

The effort, published in Animal Frontiers, marries the milk-producing prowess of Holsteins and Jersevs with the heat, drought, and disease-resistance of Gyrs, an indigenous cattle breed common in tropical countries. Five generations of crosses result in cattle capable of producing ten liters of milk per day under typical Tanzanian management, blasting past the half-liter average yield of indigenous cattle.

After breeding the first of these calves in the U.S., project leader Matt Wheeler, professor in the Department of Animal Sciences in the College of Agricultural, Consumer and Environmental Sciences

(ACES) at Illinois, is ready to bring embryos to Tanzania.

"High-yielding Girolandos — Holstein-Gyr crosses — are common in Brazil, but because of endemic diseases there, those cattle can't be exported to most other countries." Wheeler said. "We wanted to develop a high health-status herd in the U.S. so we could export their genetics anywhere in the world."

Wheeler's team plans to implant 100 half-blood Holstein-Gyr or Jersey-Gyr embryos into indigenous cattle in two Tanzanian locations this March. The resulting calves will be inseminated through successive generations to create "pure synthetic" cattle with five-eighths Holstein or Jersey and three-eighths Gyr genetics. Unlike Girolandos, Jersey-Gyr pure synthetics do not yet have an official name.

Pure synthetics are worth the time and effort; once the five-eighths/ three-eighths genetics are established, they're locked in. In other words, calves from successive matings will maintain the same genetic ratio.

"The whole idea is to keep the disease and pest resistance linked together with the milk production so that as you breed, those traits don't separate,' Wheeler said. going to be the challenge in developing countries; until you get to the pure synthetic generation. there will always be the temptation to breed to the bull down the road, losing the effect."

Wheeler's team, including coauthor Moses Ole-Neselle of the Food and Agriculture Organization of the United Nations (FAO), cares about getting this effort right. Although developing the embryos took years of meticulous work, they're not stopping there. The team hosted its first online course on bovine assisted reproduction technology last summer, including 12 participants from Tanzania. And there's more to come.

"It was important to

U-2Ux more start training the first group of veterinarians and graduate students to adopt the technology, so when we get there, it's not a foreign thing," Wheeler said. "The Tanzanian government wants this training and student exchanges. We're going to continue investing in this program for as long as it takes.'

Wheeler recognizes the best genetics and most comprehensive training won't amount to much if the plan doesn't account for the local culture. With advice from collaborators like the Tanzania Livestock Research Institute and Teresa Barnes, director of the Center for African Studies at Illinois, Wheeler has already adjusted his strategy to accommodate the preferences of local Maasai herds-

"We've learned some Maasai clans strongly prefer smaller, red cattle, so the Holstein crosses we made initially, which were large and black, weren't going to work," he said. "I had to start over with Jerseys, which set us back a bit. It will be worth it if they're better accepted."

But some aspects of Tanzanian cattle management will have to change to realize the full potential of the improved genetics. For example, Wheeler said nomadic Maasai herders often graze cattle 25 miles from their enclosures each day, limiting the energy available for milk production.

While the project is still in its early stages, it represents a step toward more climate-resilient animal agriculture, the topic of the special issue of Animal Frontiers in which Wheeler's article is published. While Wheeler's current priority is to the Global South where climate change is hitting hardest, he said the same

technology could be used to protect cattle from changing climates here in the U.S. and around the world. In other words, tropical genetics could be inserted into our already high-yielding cattle to better withstand heat, drought, and disease.

"These cattle would work very well in Mexico, Texas, New Mexico, and California. Maybe it's time to start thinking about that now," Wheeler said. "People don't usually think that far ahead, but my prediction is that people are going to look back and bolster food security in realize having tropical genetics earlier would have been a good thing."

SATURDAY, NOVEMBER 25, 2023 * 1:30 PM

Auction Location: Centralia Area Community Center, 106 John Riggins Ave., CENTRALIA, KANSAS

311 acres m/l of Southern Nemaha County Grassland & Farmland, including 2 Wind Turbines

TRACT 1: Legal Description - The West Half of the Southeast Quar ter of Section 14, Township 5 South, Range 11 East, Nemaha Co., KS Location: This property is 8 miles South of Centralia, KS on "G Rd. to 24th Rd., then 1 1/2 miles West on the North side. This property consists of 77 acres, M/L, of terraced, seeded back grassland that has been taken out of the CRP program

This tract lays well and has a wind turbine. TRACT 2: Legal Description - The Northeast Quarter of Sec tion 14, Township 5 South, Range 11 East, Nemaha Co., KS Location: This property is 1/2 mile East of Tract 1 to "F" Rd. then 3/4 mile North on the West side.

The property consists of 158 acres of terraced, seeded back grass land, which has been taken out of the CRP program. There is a wind turbine and a rural water meter on this tract. TRACT 3: Combination of Tracts 1 and 2

TRACT 4: Legal Description - The South Half of the South east Quarter of Section 13, Township 5 South, Range 11 East Nemaha Co., KS

Location: The property is 8 miles South of Centralia, KS on "G Rd., on the West side. This property consists of 76 acres, M/L, of which 9 acres of tilled bottom land is bean stubble. The balance of this property is

mostly terraced, seeded back grassland that has been taken out

of the CRP program. Coal Creek runs through this tract.

Check our website: www.clinerealtyandauction.com or please

call John E. Cline, 785-532-8381 TERMS & POSSESSION: The Sellers require a non-refundable 10% down payment day of sale with the balance to be paid on or before Thurs., December 21, 2023. Possession of the property to be upor closing. Buyer and Sellers to equally split the Owner's Title Insurance fee and the Escrow closing fee. 2023 taxes to be paid by Sellers. Wind turbine agreements and payments will be transferred to the purchas er. Statements made sale day take precedence over printed material Cline Realty & Auction, LLC represents the Sellers' interests'

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Auction Conducted By: CLINE REALTY & AUCTION, LLC John E. Cline, Broker/Auctioneer, Onaga, KS, 785-889-4775 **WEBSITE:** www.clinerealtyandauction.com

NEMAHA COUNTY, KANSAS LAND AUCTION

SATURDAY, NOVEMBER 25, 2023 — 10:00 AM Knights of Columbus Hall • 211 Knights of Columbus Dr. SENECA, KANSAS

Land Location: From the west edge of Seneca, KS, go 3 miles to State Highway 187 to 120th Road. Go east on 120th Road. Tract 2 begins a the northeast corner of Highway 187 and 120th Road. Tract 1 begins just east of Tract 2, just a little west of the 1/2 mile line on north side of 120th Road.

TRACT 1: 80.21 Surveyed Acres Legal Description: South 1/2 SE 1/4 18-3-12 Mitchell Twp, Nemaha County, KS. Includes a small tract in SE corner of S

residential home and buildings. **General Description:** Property has approximately 71.15 acres of tillable land. Balance - small creek and waterways. Very good access with roads on two sides. All mineral rights pass to the buyer. Great building site.

1/2 SW 1/4 of 18-3-12 - 4.82 acres. *Excludes* a 5 acre tract with

TRACT 2: 135.12 Surveyed Acres
Legal Description: SW 1/4 18-3-12 Mitchell Twp, Nemaha County KS. *Excludes* a 4.82 acre tract in SE 1/4 SW 1/4 18-3-12 and

excludes a 11.00 acre tract in the NE 1/4 SW 1/4 18-3-12. General Description: Property has approximately 125.4 acres of tillable land. Balance - small creek and waterways. Very good access with roads on two sides. All mineral rights pass to the buyer Great building site.

Auctioneer's Notes: Good location on asphalt roads. There is development potential as possible homesites. Five acre tract S 1/2 SE 1/4 with residential home and buildings not included Current tenant retains 100% of 2023 growing crops. 2 tracts will be **SOLD SEPARATELY** and **NOT COMBINED.** Very good farms with history of producing good yields. For Terms, DCP Crop Data & More Info: WWW.senecarealtv.net

SELLER: ALFRED & DARLENE ROEDER TRUST Auction Conducted by: SENECA REALTY Mike Kuckelman - Broker, 785-294-1038 Dale Wilhelm - Auctioneer/Sales, 785-294-8569

National corn growers call for contest entries

The National Corn Growers Association calls corn growers nationwide to submit their harvest results for the 2023 National Corn Yield Contest (NCYC). The deadline for harvest results is approaching quickly, so farmers are urged to submit their entries as soon as possible to ensure that all requirements have been met.

The National Corn Yield Contest is a long-standing tradition in the corn industry, and each year, corn growers across the country achieve incredible results. Don't miss your opportunity to contribute your agronomic data and compete with fellow corn growers.

To be included in the 2023 rankings, harvest results must be submitted by Thursday, November 30.

Participants can submit their 2023 harvest results at ncga.com/ncyc. Please contact NCYC at ncyc@ncga.com with any questions.



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Sustainability in agriculture: how the industry is answering the call to produce more with less

By Association of **Equipment Manufacturers**

(AEM) staff Several notable drivers poised to impact the future of agriculture are taking shape, and American farmers are already feeling the heat. Their future success depends on their ability to meet demands for increased sustainability while facing a severe labor shortage, rising input prices and increasingly unpredictable weather events. Producing more with less will be a key goal in the new era of agriculture.

Sustainability concerns among consumers continues to drive change. In a 2021 survey of 750 U.S consumers by C.O.nxt and Menu Matters, 80% of consumers reported that sustainability is important to some degree when deciding what foods and beverages to purchase from a supermarket or order from a restaurant. Food companies and retailers have taken notice, with companies such as Unilever, PepsiCo, General Mills, Walmart and Whole Foods leading efforts to reduce their global footprint.

The challenges facing our customers are growing in complexity and society is asking more and more of them," said Garrett Goins, manager PS&C for crop care products at John Deere and chair of AEM's Sprayer Technology Leadership Group. "The days of abundant resources in farming inputs are over. Labor, fertilizer and crop protection are all growing in scarcity and increasing

Farmers are turning to technology to reach their goals. "We've evolved from precision agriculture to digital agriculture," said Scott Shearer, Ph.D., PE, professor and Chair of Food Agricultural and Biological Engineering at The Ohio State University.

Precision agriculture describes farming tools that are based on observing, measuring and responding to within-field variability. "Digital agriculture is broader," said Shearer. "It covers everything from when the seed goes in the ground until there are end products on the consumer's table. Everything is connected to the internet." Digital agriculture applies artificial intelligence and machine learning (AI/ML), to interpret huge amounts of data to support a farmer's decision-making and improve the efficiency of farm op-

Farmers will welcome autonomous technology

The lack of skilled labor for operating equip-ment is challenging farmers, but fully autonomous solutions provide reason for optimism.

"COVID exacerbated the labor shortages in rural America," said Shearer. In addition to improved productivity from being able to operate 24/7 during critical times of the year, Shearer believes autonomy will eventually enable smaller machines that will reduce soil compaction. "Compaction from large machines is increasing runoff from agriculture and compromising

soil health," he said. "Truly autonomous farming will be possible in the very near future,' says Seth Crawford, AG-CO's SVP and GM of Precision Ag and Digital. "Our products already automate many difficult processes for operators, and that's the first step toward full autonomy." According to Crawford, autonomy involves far more than just automating the tractor, but also the various steps in farming. "You first have to make sure the entire job gets done right. It's making sure that every pass, whether it's tilling, planting, seeding and harvest, can be done to perfection with full autonomy."

Earlier this year, John Deere revealed a fully autonomous tractor that's ready for large-scale production and just recently announced it will produce the machinery/technology pieces of a complete, full-season-capable autonomous cropping package by 2030.

Precision agriculture will advance to plant-based

decision-making While some precision agriculture tools such as guidance systems and connectivity are near full adoption (90%), others have room to grow. AEM recently quantified the environmental benefits of precision agriculture in a study and found that precision agriculture has improved fertilizer placement efficiency by 7%, and has the potential to improve an additional 14%. According to Crawford, variable rate technology and section control technology are currently used by about 50% of farmers, but adoption is still growing. Variable-rate technology allows fertilizer, chemicals and other farm inputs to be applied at different rates across a field, without manually changing rate settings on equipment or having to make multiple passes over an area.

Section control technology improves efficiency by automatically turning off planter sections or individual rows in areas that have been previously planted, or areas designated as no-plant zones such as waterways. This prevents overlap eliminates wasted seed and other inputs in oddshaped fields.

The biggest challenge is building the technology into the machine and making it reliable and easy to use," said Crawford. "We have proven the payback is one to two years in most cases, now it's a matter of making it easy to use." To increase adoption, AGCO is focusing on strong test programs and identifying areas where farmers struggle with set-up.

Shearer said he has observed that farmers in

Ohio are doing a much better job of soil sampling and applying nitrogen at key times in the growing process to do more with less. The Y-drop system and high clearance sprayers are new tools that extend the nitrogen application window. It's the combination of these technologies that delivers a nitrogen solution directly to the soil surface at the base of the corn plant for optimum plant uptake and nitrogen use efficiency.

The AEM study found that precision agriculture reduced herbicide placement efficiency by 9%, but that did not include new vision technology and artificial intelligence (AI) which takes precision agriculture to the plant level. Targeted spraying technologies from John Deere and AGCO detect weeds among corn, soybean and other crops, and they spray herbicide on only the weeds. John Deere reports a 77% reduction in herbicide among users. With supply chain issues causing shortages in herbicide and increases in cost of 30% in just the past year, targeted spraying technology represents significant savings for farmers.

"Farmer adoption of technology is often tied to their profitability," said

The key will be applying AI and analysis to data to improve shared insights between growers across the agriculture ecosystem.

A recent study published by Purdue University revealed the data farmers are currently col-

82% collect yield monitor data

77% collect soil data

47% collect satellite or drone imagery data 73% create GPS maps from their data

More farmers will answer the call related to sustainability

With a focus on improving soil health through natural methods rather than chemicals, sustainable agriculture is an old idea that has been gaining traction among sustainability advocates and farmers. In 2019, General Mills committed to advance regenerative agriculture on 1 million acres of farmland by 2030. In February, the USDA announced that it. will invest \$1 billion to support America's climate smart farmers, ranchers and forest landowners.

Mitchell Hora, founder and CEO of Continuum Ag, is on a mission to advance regenerative agriculture, promoting techniques such as no-till farming. the use of cover crops and grazing livestock on crop land. He works with farmers in 38 states and 16 different countries.

Regenerative agriculture at scale is in its infancy. According to the 2017 Census of Agriculture, just 12% of farm acres were no-till, 11% were reduced tillage, and just 2% of farm acres utilized cover crops.

Hora's approach relies on Haney soil tests that measure both organic and inorganic nutrients, software to analyze soil data, experimentation and insights to help farmers profit from the start. Hora's 700acre family farm in Iowa, has been no-till since 1978 and utilized cover crops since 2013. As soon as possible after harvest, Hora plants a cover crop and continues to let it grow in the spring. "In the spring we will plant green and then terminate the cover crop later based on soil moisture data," said Hora. Careful management of the carbon nitrogen ratios and understanding the organic nutrients in the soil is necessary.

Since planting cover crops, the Horas have maintained above-average yields on corn and soybeans while using 33% less nitrogen, 100% less potassium, and 75% less phosphorous, and a 100% less lime. The amount of organic matter in the soil increased by 1.43% from 2010-2020

More organic matter in the soil also means greater resiliency to floods and drought. Soil with more organic matter holds more water during an extreme rainfall, reducing runoff. It also can support plants better during droughts.

'The average farm in the U.S. can only infiltrate a half-inch of water per hour," said Hora. "On our farm, we can infiltrate four inches of rainfall in five

Hora also hasn't had to replant crops and no longer purchases federal crop insurance. All of this improves the bottom line of the farm.

"If you enable the biology to do the work for you, you don't have to spend money on inputs," said

"The savings of precision ag are real," added Goins. "It's a little bit here and a little bit there, but the savings add up.'

Carbon credits are another reason why sustainable agriculture practices may flourish. The National Academy of Sciences estimates that regenerative agriculture can sequester 250 million tons of carbon dioxide in the U.S. annually, or around 4% of our emissions. Farmers could be paid for carbon credits to offset the emissions of corporations.

Hora and Shearer said they believe the industry needs a tool to more accurately measure a farmer's carbon footprint. "To reward innovation, we need to show the farmer the actual carbon impact of their operations," added Hora.

Modern farming requires new skills

To produce more with less, agriculture has be-

come a high-tech industry and that means farmers will require new skills or will need to hire experts in the fields of GIS mapping, advanced soil testing, prescription maps, data analytics and computer networking.

"Our role is to work with farmers to understand the issues we're all trying to solve together -How can we increase yields with less inputs, and improve their outlook," said Craw-

"Farmers trust their local dealers and input suppliers for a lot of advice and we work with them to ensure that's part of the overall customer experience."

Lastly, there is a role for universities as well. "We continue to educate the private sector," said Shearer. "We're neutral, unbiased assessors. We want to make certain products and services align well with the science."





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assessment on carbon markets

The U.S Department of Agriculture (USDA) released A General Assessment of the Role of Agriculture and Forestry in the U.S. Carbon Markets, a comprehensive look at current market activity, barriers to participation, and opportunities to improve access to carbon markets for farmers and forest landowners. The report is the first of USDA's deliverables under the Growing Climate Solutions Act (GCSA).

"The Biden-Harris administration is working aggres-

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sively to ensure farmers, ranchers, forest landowners, and tribal communities have opportunities to be part of the solution to climate change, all while cultivating new revenue streams and fostering investment in rural communities," said Agriculture Secretary Tom Vilsack. "This landmark report demonstrates both the potential and the challenges that carbon markets present for agriculture and forestry."

USDA is taking a hard look at how to foster addition-

al confidence and landowner participation in carbon markets. The next step in implementing the GCSA is for USDA to make a determination regarding whether to establish the Greenhouse Gas Technical Assistance Provider and Third-Party Verifier Program, which would facilitate better technical assistance to producers interested in participating in carbon markets, as well as a process to register market verifiers.

NL faculty continue leadership in creation of national ag data network

A team of University of Nebraska-Lincoln faculty is set to carry forward the third phase of a multidisciplinary initiative to create a network of national ag data repositories. The U.S. Department of Agriculture has approved funding for the project, in which UNL faculty are taking the lead nationally in coordinating a wide range of academic institutions and ag stakeholders.

The project aims to create a secure cyber framework, supported by appropriate policy and regulations, to enable efficient producer access to pre-

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cision-ag data assembled by ag equipment, sensors, drones and satellites. That data currently exist separately on a wide range of software platforms.

The planned repository, called the National Agricultural Producers Data Cooperative, would enable producers to retrieve and use the data for maximum efficiency, profitability and environmental sustainability. USDA's National Institute of Food and Agriculture recently issued a \$957,350 two-year grant for the initiative's third round of funding.

The first phase in-

munity of specialists and stakeholders, and the second phase saw the launch of pilot projects to begin addressing technical and regulatory complications. The third phase expands on those projects and enlarges the pool of academic and private-sector collaborators, says Jennifer L. Clarke, a UNL professor of statistics and food science and technology and director of the university's **Quantitative Life Sciences** Initiative.

Ag producers' needs provide the central guidance for the project. "It's critical for this project to put producers first," says Clarke, who has a lead role in the NIFA-funded initiative. "It's crucial that they drive what we develop and how it's governed and managed."

Stakeholders provided guidance through a survey at the project's national conference in May at Nebraska Innovation Campus. The project also is

a survey sent to stakeholders this fall. A white paper of framework recommendations based on stakeholder input will be released this month.

Additional Husker faculty members with key duties for the ag data initiative are Joe Luck, precision agriculture and biological systems engineering; Laura Thompson, ag Extension and farm research; Matt Spangler, beef genetics; Scout Calvert, University Libraries; Hongfeng Yu, advanced cyberinfrastructure and high-performance computing; and Trenton Franz, hydrology and water management.

The project's ongoing work has shown that in many cases there's no need to re-invent the wheel. The NIFA-funded initiative is building in part on work begun in 2014 by the Agin the community that we can leverage."

At the same time, the project involves a range of complex challenges. "It's a complicated space from the standpoint of data ownership and cybersecurity," Clarke says, "so we're trying to keep those front and foremost."

Tackling the array of issues requires multidisciplinary partnerships. "We need to be on top of a very broad spectrum of things. It requires expertise across multiple areas," Clarke says. "Collaborations are absolutely essential in covering not just science but also policy and ownership issues."

Artificial intelligence issues are receiving increasing national attention, and the ag data project will include them. 'It's good for the public to know we understand the promise of AI but also that we need to be using it responsibly," Clarke says. "So, the project is aware and is proposing input on the use of AI in ag."

UNL beef herds will play an important role in one part of the project as researchers develop strategies to improve management of beef genetics data. That work will be in partnership with two federal repositories, the US-DA's Animal Germplasm Resources Information Network and the Bovine Genome Database, and with the U.S. Meat Animal Research Center at Clay

U.S. Sen. Deb Fischer, Nebraska's senior senator, has provided important continued USDA funding of the initiative, Clark

Important programs negatively impacted by expired farm bill

Some programs frequently utilized by cattle producers were directly impacted when the farm bill expired September 30. including the Conservation Reserve Program (CRP) and Environmental Quality Incentives Program (EQIP). According to NCBA, while many larger programs have full funding and function until January 1, 2024, CRP and EQIP both have lapsed and need either a new farm bill or an extension of the current one to resume normal operations.

CRP payments on existing contracts will continue, but no new agreements can be authorized. Additionally, any CRP contracts that have expired cannot be renewed until action is taken on the farm bill. EQIP is funded through 2031 due to additional funding included in the Inflation Reduction Act, but the payment limitation cap of \$450,000 has expired and also will need a new farm bill to put the cap back into effect.

NCBA will continue working with Congress to deliver a farm bill for producers and end the uncertainty surrounding these critical programs.

ricultural Data Coalition. for example. "There are already existing parts of infrastructure and existing initiatives that we can soliciting input through leverage," Clarke says. Use this ad as a coupon at Booth #10 for a free demo & INEW 50% off all products at the 2023 G&G Farm Show! Center, Nebraska. -in-one

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Consider fall grazing of alfalfa

Meadowlark District Extension Agent, Livestock and Natural Resources

There is a notable change in the air this morning as I write this. Freeze warnings are being announced, with excessive heat warnings seeming still to be recent experiences - you've got to love Kansas weather! A killing freeze signals the end to many things, but it can also mean the beginning for others. In many areas, fall forage is running short this year and there could be interest in grazing alfalfa this fall/winter. Alfalfa can provide good grazing opportunities, but comes with considerations for both the plant and animal health sides of the equa-

In some cases, the last cutting of alfalfa may not have had enough tonnage to warrant haying, but still has enough biomass for livestock to benefit from grazing. In general, a properly managed alfalfa stand should have good regrowth following a killing freeze. Another positive situation is when an alfalfa field sits adjacent to field with crop residue. Standing alfalfa can provide a protein source to help livestock better utilize the residue. A side benefit is that grazing alfalfa in late fall or winter can reduce alfalfa weevil infestations by removing stems and plant parts that serve as a wintering site or a spring lay-

All classes of livestock can benefit from grazing alfalfa. Studies at the University of Nebraska-Lincoln have shown vearlings can have 1.5 to 2.5 lb/d ADG (average daily gain) and cows can increase body condition score before harsh winter months. One of the greatest concerns for livestock is bloat. Unfortunately, you never can be completely certain that alfalfa won't cause bloat, as it is in the class of bloating legumes. Feed additives such as poloxalene and ionophores can limit bloat risk, but require regular consumption to be ef-

Bloat risk is much lower a week after a hard freeze that causes wilting, so one week post-hard freeze is a good run of thumb for turning out. Always use good management methods to help reduce the risk further. This includes; having full rumens before turning out to alfalfa, wait until midday (after frost or dew is gone) before turning out. provide other dry, palatable feeds or even bloat retardants and defiantly keep a close eye on animals for the first couple

Alfalfa plants need six weeks of uninterrupted growth prior to a killing freeze to properly winterize. Winterization allows for accumulation of energy in the roots of alfalfa plants. While alfalfa can be grazed during this time.

less absolutely needed. As with a late cutting, any harvest will increase the likelihood of winterkill and impact future productivity. Fall-grazed alfalfa can be incredibly high-quality but low quantity. Graze lightly leaving at least eight inches of stubble on average to minimize depletion of the stored energy reserves.

Just like with normal range and pasture settings. rotational grazing can be a good tool to more effectively utilize standing, frozen alfalfa. Properly managed grazing may allow plants to better winterize than a late hay cutting but is still a risk for the stand. Plan grazing to be done when the field is dry and firm. If the soil is too wet, animal hooves can damage plant crowns. Having a sacrifice area or an adjacent lot ready to pull animals into if conditions get wet, can avoid excessive damage to the stand.

There is often fear associated with grazing alfalfa due to bloat potential or hurting the alfalfa stand. These are very valid concerns, but with additional management and timing, alfalfa stands can provide valuable supplemental forage in the fall and winter months. Alfalfa can be grazed safely, just be careful and attentive. K-State's Alfalfa Production Handbook C683 provides additional information.

ASA recognizes Ward Bakenhus as Builder of the Breed

The American Shorthorn Association Awards hosted their Annual Awards Banquet on Saturday, October 22, 2023, at the Hilton Kansas City Airport in Kansas City, Mo.

Ward Bakenhus of Columbus, Nebraska was honored as a 2023 Builder of the Breed. The prestigious "Builder of the Breed" recognizes Shorthorn breeders who have shown true dedication for an extensive time and contributed to the stewardship of the Shorthorn Breed. This award recognizes their efforts in breeding and promoting Shorthorn cattle, which have added to genetic improvement of the breed. Individuals are recognized who have continuously been supporters and promoters for both the Shorthorn breed and the beef cattle industry. Builder of the Breed award winners are recognized for making a lasting impact on our breed.

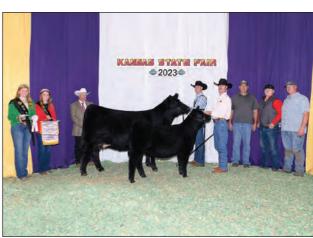
embodies Bakenhus the Builder of the Breed qualifications through his commitment to the Shorthorn breed. He was born into the famous Ar Su Lu Shorthorn program and was involved at a young age in day-to-day operation of the cattle and crop farm as well as being part

of the American Junior Shorthorn Association. Upon graduation, he returned to the family farm to continue the development and success of the Ar Su Lu herd.

Bakenhus led the family to exhibit annually at the National Western Stock Show Yards Show for many years, with the record of exhibiting more Pen Show Champion Pens than any other operation in the breed. The family held an annual female and bull sale for many year

and their cattle became foundation animals for several other breeders. He was a major contributor in providing genetics and direction to Shorthorn herds all over the country. He has been a fixture to the Shorthorn breed, even serving a two-year term on the ASA board of direc-

The American Shorthorn Association congratulates Ward Bakenhus on his prestigious honor as being selected as a 2023 Builder of the Breed.



Greene Elba's Mocha 2118 won reserve grand champion cow-calf pair at the 2023 Kansas State Fair Roll of Victory (ROV) Angus Show, Sept. 16 in Hutchinson. Garrett Greene, Powell Butte, Ore., owns the April 2021 daughter of Greene Pokerface 1304. An April 2023 daughter sired by Gateway Follow Me F163 is at side. Brian Barragree, Absarokee, Mont., evaluated the 69 entries.

Photo by Legacy Livestock Imaging

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- 15) blk running age & older bred cows/ bred to Pelton RA/ bull in May 20
- 7) blk 8-10 yo bred cows/ bull in May 28, start calving beginning of March/ bred blk SimAng
- 40) red Angus 4-5 yo bred cows/home raised

PAIRS:

- 12-15) bwf/rwf pairs/3-6 yo/1-2 month old calves
- 13) Bwf pairs/ 3 YO/ 30-60 day old calves MANY MORE CONSIGNMENTS BY SALE TIME!

To bid online, please register at lmaauctions.com at least 2 days prior to the sale.

Check out videos & updated consignments online at our website, lacrosselivestock.com!

Nov. 10th - Special Calf Sale · KS Livestock **Auctioneer Champ Competition**

Please call with any questions – Sale Barn: 785-222-2586



Ryan Zeltwanger, Owner: 785-259-5420 Chandra Wegener, Owner: 620-617-7236 **Ryan Wegener, Owner:** 620-617-3279



Chinese trade team visits Kansas wheat industry

The first Chinese wheat industry trade team to visit Kansas in over a decade was in Manhattan on Wednesday, November 1, as part of a five-state tour of the wheat industry. The trade team, organized by U.S. Wheat Associates (USW) and hosted locally by Kansas Wheat, aimed to learn more about the U.S. grain marketing system in terms of logistics, inspection and risk development and to better understand the advantages of U.S. wheat in terms of functionality in both Chinese steamed products and Western baked goods.

"USW has been working to bring a team of COFCO International managers to the United States for several years now, but several obstacles have prevented us from realizing our plans," said USW



regional vice resident Jeff Coey, who accompanied the team. "The resumption of regular travel now allows us to bring them over

LIVESTOCK

Commission Co.

to provide a personal look not only at the crop just harvested, but also at the prospects for next year's crop. The team has asked

a lot of questions that indicate they have a keen interest in our crop and in our merchandising system, and we're excited to have the chance to show them as we answer all their questions."

Team members represented COFCO International, a Chinese stateowned food processing holding company that sources grains from major wheat-producing countries for import into China. While China is the largest wheat producer in the world, the country is also the largest wheat consumer and importer, importing tons) in the 2022-2023 marketing year.

Each of the trade team members was familiar with wheat trading and the individual wheat classes and their uses.

"We are delighted to welcome a very qualified and informed group of professionals in this Chinese team," Coey said. "With eight individuals in all. the team represents both the buying and the processing sides of COFCO International, China's major food trading and production group."

Team members exan estimated 440 million pressed interest in the in-

vestments made by growers in the development of better milling and baking wheat varieties, which speaks to their commitment to making a product that works for the entire value chain. The team got to see these investments firsthand at the Kansas Wheat Innovation Center. They also met with Kansas wheat farmers, exporters, researchers and transportation companies. In addition to Kansas, the trade team also had scheduled stops in Oregon, Texas, North Dakota and Ohio.

"We are grateful to Kansas Wheat, the other state commissions and the entire supply chain for coordinating the activities and for hosting the team," Coey said. "The itinerary is among the longest USW and our commission members have planned, covering all U.S. wheat classes and five major growing and logistical regions. We also hope to provide all our partners with better insights into what Chinese buyers are looking for in wheat varieties, service levels and possible educational and training link-

Learn more about the importance of China and other international markets to Kansas wheat farmers at https://kswheat.com/ international.

<u>Herington</u> **CATTLE SALE EVERY WEDNESDAY: 12:00 PM**

Report for November 1st, 2023

— COWS / HFRTTS / BULLS —				Ramona	59 mix	900	\$231.00	
		Weight	Pr	ice Range	Tampa	12 blk	747	\$230.00
Cows-High:		1195-198	5 \$101.5	0-\$109.00	Lincolnville	58 mix	888	\$223.75
Cows-Avera	age:	1150-200	5 \$89.0	0-\$100.00	Lincolnville	58 mix	896	\$223.25
Bulls:		1955		\$114.50	Lincolnville	57 mix	929	\$222.00
_ TOP	STRI	NGS OF	EACH CL	\ss _	HEIFERS			
			WEIGHT	PRICE	Tampa	17 blk	649	\$240.25
STEERS			WEIGHT.	TRIOL	Hope	8 Red	623	\$240.00
Lincolnville	6.0	Char	532	\$289.00	Cedar Point	11 blk	614	\$239.50
Cedar Point	8 b		519	\$281.00	Marion	7 blk	586	\$238.00
Tampa		blk	628	\$272.00	Lincolnville	7 Char	682	\$233.50
Cedar Point	9 b		668	\$254.00	Ramona	59 mix	832	\$225.25
Marion	8 b		649	\$244.00	Burdick	70 blk	749	\$225.00
Lincolnville		Char	723	\$240.00	Ramona	63 mix	844	\$224.25
Marion	6 b		711	\$235.00	BUCKET C	ALVES		
Herington	8 b		704	\$234.00	Marion	1 blk	125	\$400.00
- Italington	0 L	/IK	704	Ψ204.00	Manhattan	1 blk	95	\$375.00
0.00441	2 (100)		-					

NEXT SALE: NOV. 8

SPECIAL SALES: CHIECK WEBSITE FOR SALE SCHEDULE 1ST WEDNESDAY OF EACH MONTH

Manager: Tracy Ediger, 785-366-6645 * Barn Phone: 785-258-2205 Seth Bartel, 620-382-7041 • Tate Becker, 785-258-4165 Dave Bures, 402-766-3743 • Tim Wildman, 785-366-6152

KFRM AM 550, Every Wed., 8:00 a.m. • www.HeringtonLivestock.com



High school seniors, apply now for soy scholarship Strong agriculture lead- invest in the future farmture of agriculture," said

ers are vital to the sustainability and growth of our industry, and the American Soybean Association wants to provide a student interested in agriculture with a college scholarship as they begin their education.

The Soy Scholarship is a \$7,000, one-time award presented to a high school senior who plans to pursue agriculture as an area of study at any accredited college or university in the 2024-25 academic year. The scholarship is managed by ASA and made possible through a grant by BASF Corporation.

"ASA is grateful for its longstanding partnership with BASF and proud to



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ers, scientists, teachers, and other careers in agriculture that drive the industry forward," ASA president Daryl Cates (IL) said. "Agriculture has a significant role to play in sustainably feeding a growing world population, shaping climate policies, and many other ways we support and provide for people here at home and around the globe. Supporting education is imperative to industry advancement, and we applaud the dedicated young people who are interested in this challenge."

ASA and BASF have recognized and rewarded students for their hard work and interest in agriculture through the Soy Scholarship since 2008.

"BASF is pleased to continue our longstanding partnership with ASA to support talented students committed to solving the challenges facing the fuScott Kay, vice president, U.S. Agricultural Solutions North America. "Our industry needs students passionate and interested in meeting the demands of a growing planet, and BASF is thrilled to invest in these students' future."

The scholarship is awarded in \$3,500 increments (one per semester) for the 2023-24-school year. The student must be a child or grandchild of a current state soybean association/ASA member, maintain successful academic progress and remain in good standing with the college or university to receive the full amount of the scholarship. High school seniors may apply online Oct. 31-Dec. 31, 2023.

A committee of soybean grower-leaders will select the ASA BASF Scholarship recipient. The award winner will be announced

IVESTOCK SALI Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from November 1st, 2023							
	STEERS		4	441	247.00		
1	360	306.00	6	698	243.50		
5	443	294.00	11	689	238.00		
10	540	270.00	12	808	236.50		
4	610	266.00	8	775	232.00		
23	606	259.00	29	832	231.25		
3	676	253.00	20	884	222.00		
10	713	250.50	1	1015	191.00		
26	709	248.00	TOP BUTCHER COW:				
64	894	236.85	\$110.00 @ 1,835 LBS.				
21	891	233.50	TOP BUTCHER BULL:				
38	963	231.25		\$125.50 @ 2,190	LBS.		
12	992	221.00	BF	RED COWS FROM	VI: \$1,900		
	HEIFERS FAT HOG TOP:						
6	424	249.00		\$50.00 @ 295	LBS.		

LIGHT RUN FOR NOV. 8

EARLY CONSI	GNMENTS F	FOR NOV. 15
90 Ang X prevac	500-675#	Meseke Ranch
• 125 Ang X prevac	475-675#	T & .l Frichsen
• 120 Ang X w.v	450-575#	J. Howell
• 120 Ang X w.v. • 25 blk X w.v.	575-775#	Floyd Ranch
• 44 Ang X 1 rd of shots	500-675#	D. Mills
	MORE BY SALE TIME	1

NO SALE WEDNESDAY, NOV. 22 due to Thanksgiving Holiday!

Special Cow Sale: Wed., Dec. 6, 12:30 PM in conjunction with our Regular Sale Replacement cows sell 1st followed by calves & yearlings and weigh up cows & bulls sell last.

Watch online with cattleusa.com (Tab J.C. Livestock Sales)

Must register to bid.

If you need assistance in marketing your cattle please call & we will be happy to discuss it with you JUNCTION CITY, KANSAS • Barn Phone 785-238-1471 Seth Lauer 785-949-2285, Abilene

KFRM 550 Tues. & Wed. 8:00 am KARL LANGVARDT Cell: 785-499-2945

Radio Market

STEERS:

14

12

MITCH LANGVARDT

Cell: 785-761-5814

205 660.00 315 299.00 317 285.00 8 335 273.00 495 271.00 6 608 262.00 712 235.00 **HEIFERS**:

700.00 272 314 264.00 255.00

Report from October 31st, 2023 645 221.00 732 214.00 **TOP BUTCHER COW:**

\$111.00 @ 1,722 LBS. TOP BUTCHER BULL: \$119.00 @ 1,545 LBS. **BRED COWS SOLD FROM:** \$1,035 TO \$1,500 PAIRS SOLD FROM: \$1,800

SEE OUR FACEBOOK PAGE FOR LATEST CONSIGNMENTS!

CLAY CENTER

LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

WE WILL HAVE A SALE ON Tuesday, Nov. 21st



Clay Center, Ks • Barn Phone 785-632-5566 **Clay Center Field Representatives:** Tom Koch, 785-243-5124, Lance Lagasse, 785-262-1185

KCLY-Fm 100.9

emporia livestock sa**le co** Ronded & Insured SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM 620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 11/1/23; Total Head Count: 794 COWS: \$67-\$108.00; BULLS: \$112-\$126.50

BULLCALVES 15 mix 555@261.00 581@247.00 7 wf 4 bkbwf 504@260.00 578@255.00 HEIFERS 8 hkhwl 3 bkbwf 345@264.00 8 bkbwf 563@251.00 13 blk 460@261.00 6 blk 568@248.00 5 bkbwf 406@250.00 7 mix 599@230.00 403@248.00 25 bkbwf 646@267.50 5 mix 525@250.00 4 bkbwf 24 mix 611@256.00 523@243.00 7 bkbwf 6 bkbwf 633@252.00 7 blk 584@241.50 4 blk 611@250.00 4 mix 525@240.00 4 mix 611@249.00 539@240.00 12 bkbwf 4 blk 663@245.00 3 blk 547@239.00 5 mix 631@244.00 529@236.00 3 blk 4 wf 645@244.00 3 blk 533@230.00 13 mix 693@244.00 588@225.00 4 blk 624@241.00 7 wf 6 blk 615@235.50 3 mix 673@241.00 735@226.00 14 blk 691@240.50 5 mix 14 mix 783@223.00 5 blk 683@239.00 11 mix 714@220.00 8 wf 633@238.50 879@216.00 3 Red 693@205.00 5 mix 4 bkbwf 873@210.00 45 blk 774@254.00 6 blk 701@243.00 8 bkbwf 433@317.00 18 mix 742@235.00 431@313.00 4 mix 749@235.00 7 mix 3 bwf 445@305.00 3 mix 780@230.00 484@288.00 8 mix 811@241.50 4 mix 3 Red 463@241.00 34 mix 815@235.00 511@286.00 22 bkbwf 21 blk 912@237.00 536@278.00 6 mix 21 mix 921@230.00

EARLY CONSIGNMENTS FOR NOV. 8

25 mostly blk strs & hfrs, 450-600# 90 mostly blk strs & hfrs, 525-650#

PLUS MORE BY SALE TIME!

Check our website for consignments!

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT YOUR BUSINESS IS ALWAYS APPRECIATED!

— — — — For Cattle Appraisals Call: — — — — BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607 LYLE WILLIAMS, Field Representative, 785-229-5457 MATT REDDING, Field Representative, 620-364-6715 DALTON HOOK, Field Representative, 785-219-2908 WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri. To see more consignments go to: emporialivestock.com

LYNN LANGVARDT Cell: 785-761-5813

Cattle Chat: stretching feed resources

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

When consumers are trying to extend their buying dollar at the grocery store, meal planning and shopping the sale items are two ways that they can manage their spending to get the most for their money.

In a similar way, some cattle producers are already looking at ways to extend their feed resources because of the lack of moisture that may have cut those supplies short, said the experts at Kansas State UniversiCattle Chat podcast, K-State beef cattle nutritionist Phillip Lancaster recommends turning out the cattle on crop residues as a way to extend the time before they need to feed them hay.

"Grazing corn or sorghum stalks are a good feed resource for cows in mid-gestation that have their calves weaned off already," Lancaster said.

Another option he mentioned was the fall planting of cool-season annuals.

"Those cool season annuals should provide

Speaking on a recent tions in the spring assuming we get enough moisture for them to grow," Lancaster said.

> If those strategies are not options, K-State veterinarian Bob Larson suggests producers limit the number of hours in the day that the cows are given access to hay. Larson said that cows given free choice access to the hay tend to eat the most appealing part of the hay and don't as readily consume the less digestible parts.

"To waste less hay, make the cows eat all of one bale before they get the next one," Larson

said. "Another tip is to limit the cows' access to the hay to six to twelve hours per day."

In a situation where feed resources are even more limited. K-State Research and Extension beef cattle geneticist Bob Weaber said it may mean some voluntary culling to reduce the herd size.

"Anytime there is a short supply, changing the demand is an effective strategy, and that can be done through the early weaning of the calves as well culling some of the cows," Weaber said.

going into a feeding period where hay is elevated in price, you can decrease the demand for the hay by reducing the herd size down to the essential group of cows you want to preserve."

He suggested producers look at the current market prices as a factor when deciding which cows to sell.

"If the choice is between selling a mature bred cow and a bred replacement heifer, think about which one will generate more value next spring when she calves," Weaber said. "On aver-

Districts. NRCS also an-

nounced that Ducks Un-

limited will be receiving

\$10 million as part of the

Kansas Nebraska Wetland

STEERS/BULLS

900-1000#

Bailevville, KS

785-770-2271

raise a heavier calf than the bred heifer."

The experts agreed that if feed resources are challenged and with the current favorable market prices, it may be better to sell now rather than feeding cattle through the winter and selling them in January.

"Most importantly, producers need to have a plan now for what happens when feed runs short," Weaber said.

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

Initiative to create, re-

store, and protect wetland

and riparian barriers in

Every Thursday

at 12 Noon

1180 US Hwy. 77,

P.O. Box 67,

Marysville, KS 66508

PAIRS:

\$2700-\$2200

Nebraska and Kansas.

He added: "If you are age, the mature cow will some early grazing op-Governor Kelly announces Kansas receiving nearly \$25 million to support High Plains Aquifer

Governor Laura Kelly has announced the Kansas Department of Agriculture is receiving nearly \$25 million from the U.S. Department of Agriculture (USDA) to support water conservation and groundwater management in the High Plains Aquifer.

"Kansas farmers drive our state's economic success, and water quality and quantity are a key part of that," Kelly said. "This funding will accelerate our work to help more producers voluntarily implement practices that ensure Kansans have access to sustainable, reliable water sources for generations to come."

The funding comes through USDA's Natural Resources Conservation Service (NRCS) as part of the Regional Conservation Partnership Program (RCPP). The RCPP aims to reduce water use by collaborating with farmers and ranchers to implement a combination of NRCS practices including irrigation water management, cover crops, reduced tillage, and nutrient

management. "To feed the world and to operate profitably, Kansas farmers need a secure water supply for this generation and the next," said Representative Sharice Davids. "Our producers have been working hard to use water even more efficiently, and I'm pleased that this federal investment will help further that mission. Continued success of agriculture in Kansas is critical to our state's economy and lowering food costs — issues that are top of mind as I work with my colleagues to pass a bipartisan Farm

The High Plains Aquifer is the largest groundwater source in Kansas and plays an important economic role as farmers rely on it for irrigation. Lying underneath western and south-central Kansas, it consists of several hydraulically connected aquifers.

"I'm thrilled that US-

BULLS to \$127.00

262.50

243.00

247.00

230.00

225.00

207.50

207.50

. Dave & Nina Nelson

..Dennis Sinkev

Tribal Ranch #3

.Duane & Jon Kime

. Kelly & Chaney Boomer

..Wales Rn (Greg & Gale)

..... Sears Angus (Bob & Diane)

..Turner Ranch LLC (402-376-5248)

.. Frev Ranch (Wés & Rilev)

. Powder Horn Rn

John Hockenbary

. Spike Box (A Ward)

. Tom Cox Ji

.. Porath & Day

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PLUS MORE

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Fieldman Brad Gilliam, Washington, KS • 785-747-8170

For Market Reports, and Early Listings

Website: Belleville81.com

Barry & Angii Kort, Owners • 785-527-2258 Thanks for your business!

VALENTINE LIVESTOCK

AUCTION CO. Valentine, Neb.

THURSDAY, NOVEMBER 9, 2023

Spring Calf Special

S.T. 1:00 p.m. • Expecting 3200 head

Valentine Livestock Health Protocol 2023

#1 7-way only

.500-600#

.. 575-600# ..

...600# .

.. 550-600#

.. 450-550#

105 blk & Ang (70s-35h) NI April & May cfs- Keys & Schmidt genes..550-650#.

Plus more from Kepler (100), Frew (100), Sherman (90), Doyle (60),

Strand, Dorsey, Altmaier, Lafferty, McNare

MONDAY, NOVEMBER 13, 2023

Special Bred Female & Regular Sale

S.T. 10:00 a.m. on weigh-ups; 2:00 p.m. on Bred Females

8... Herf hfrs (1050-1100#) sync & A.I. bred Hereford (sons of Upstream 208) cf 3-1 (48 hd). Bull bred cf 3-5 for 45 days . Check video.....

45... blk (22) & rd Ang (23) hfrs (975-1050#) sync & A.l. bred -blk bred blk (True North), rd bred rd (B Energizer); cf 3-10; cleaned up blk & rd Ang; cf 3-14 for 30 days. Bull breds sell separate. HRTim & Dee Painter (402-376-5796)

48... rd (4-7 yrs, few 1st cf; 1400#) bred blk Simm/Ang; cf 4-1 Calves will be blk

View our special sales online @ cattleusa.com

Office: 402-376-3611

Greg Arendt, Mgr., C: 402-376-4701 Brogan Arendt, Fieldman, C: 402-389-0281

For complete listing visit our website: www.valentinelivestock.net

48... blk & Ang (sm & st; 1400#) bred Ang (Hoffman); cf 3-25 for 70 days.

45... rd Ang (st-10 yrs; 1350#) bred rd; cf 3-20 for 60 days.

30... blk (5-10 yrs) bred Ang (Connealy); cf 4-5 for 60 days... 11... blk (sm) bred Ang; cf 4-10 for 60 days....

9... blk (st) bred Ang; cf 3-1 for 60 days.....

200 blk, bwf strs NI top end drugfree Slovek & N Risse sired...450-550#...Joe &

#4 7-way (2), 5-way viral (spring & fall), pasteurella, and poured or injected w/ Iver #3 7-way (2), 5-way viral (spring & fall), pasteurella, no pour on

140 blk & Ang strs TK & Jorgensen genes500-600#

400 blk, few bwf NI Raven & Joseph sired400-625#.

160 blk, bwf (30 F-1 hfrs) NI on hfrs 475-575# 150 blk (2 rd) (100s-50h) NI.......500-575#

112 blk & Ang NI April & May born 375-550# . 145 blk Ang NI.......500-625# .

300 rd & char-x475-600#......Flying D Rn (M & B DeNaeyer) #4

272.00 560

248.00 604

272.00 880

276.00 1052

253.00 1100

70 blk, 450-600#

636

701

SLAUGHTER COWS to \$116.00

311.00 742

294.00 397

274.00 448

271.00 501

301.50

297.00

50 blk, 550-700#

#2 7-way (2), 5-way once;

200 blk strs NI

65 ..blk strs.

Stevie Wilson #3

300 Ang (150s-150h) NI..

145 blk NI hfrs not topped.

Rick & Nate Swim

190 blk, few bwf (100s-90h) NI.

481

488

567

616

DA's Natural Resources Conservation Service has awarded this grant to Kansas." said Kansas Department of Agriculture Secretary Mike Beam. "This five-year project, built on a collaborative effort by KDA's Division of Conservation, the Kansas Water Office, local groundwater management districts, non-governmental conlandowners and irrigators, and others, will help implement increased conservation and water efficient practices across the High

Plains Aquifer of Kansas. I'm confident this voluntary incentive-based initiative will be a successful project." The RCPP aims to reduce water use by 10 percent in each of Kansas' five







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

November 7th - Cow Sale November IIth - Horse Sale November 14th - Calf Yearling Sale **November 18th -** Sheep & Goats ALL WEIGH COWS & BULLS SELL AT THE END

Holton Livestock Exchange, Inc. 1/2 mile East of Holton, KS on 16 Highway Livestock Auction every Tuesday at 11:00 AM

MARKET REPORT FOR TUESDAY, OCTOBER 31, 2023 **RECEIPTS: 1638 CATTLE** FOR FULL RESULTS, VISIT OUR WEBSITE: WWW.HOLTONLIVESTOCK.COM

STEERS

Denton 448@339.00 10 blk 17 blk red Wheaton 433@318.00 6 blk Denton 513@309.00 11 blk Netawaka 501@308.00 19 blk bwf Whiting 494@307.00 14 blk Sabetha 538@293.00 19 blk red Corning 553@278.00 Denton 610@271.00 Holton 575@268.00 12 blk 16 blk bwf Whiting 604@264.00 Wheaton 579@264.00 45 blk Netawaka 595@263.00 Holton 596@262.00 12 blk Wetmore592@247.00 Holton 660@244.00 6 char 26 blk red Corning 682@239.00 McLouth 837@238.00 5 bk rd bulls Lancaster 559@230.00

34 blk bwf Wheaton 691 @ 229.00

HEIFERS Shawnee403@300.00 4 blk Whiting 345@272.50 14 blk Denton 549@265.00 16 blk red Wetmore 523@261.00 38 mix Robinson 597@260.00

58 blk red Wheaton 534@252.75 17 blk Netawaka 567@251.00 16 blk redCorning 574@250.00 Leavenworth 525@245.00 9 blk 16 blk Corning 563@241.00 Manhattan 497@236.00 7 mix Leavenworth 510@234.50 9 blk Topeka 730@232.50 5 char Horton 616@229.00

19 blk red Wheaton 654@226.00

12 blk Seneca 849@224.50 Special COW & BULL Auction: Friday, November 10, 6 PM 15 blk cows/50-80 day old calves (cut & vacc) 2-5 yrs, homeraised J Kennedy

 25 blk cows/30-60 day old Gardiner sired calves (cut & vacc) 3-6 yrs A Allen

 35 blk & red 1st & 2nd calf hfrs/30-60 day old blk & red calves D Smith 10 blk & red cows/30-60 day old blk & red calves 6-8 yrs D Smith 35 blk bwf cows 3-SS bred blk or red bulls for Feb. 1 calves Wassenberg 4 Herf cows 6-9 yrs bred blk Angus for March calves G Buehler

• 15 blk Angus 2nd calf cows bred to GAR Hometown bull for March April calves D Sales 42 blk bwf cows/30-60 day old blk bwf rwf calves(banded) 4-6

25 blk Angus open replacement hfrs 850-900 OCV G&S Schmitz

yrs Freedom Farms

Breeding Bulls (all bulls fertility tested & trich tested as needed)

3-21 month old blk Angus breeding bulls 80 lb. BW M Grollmes

2- 20 month PB blk Angus bulls 69 & 72 BW E Merz

• 2- 16 month PB char bulls 86 & 90 BW **D Molt** • 12 month Reg. bwf 3/4 Simm 1/4 Ang bull CE15.6 BW-0.5 *A Heim*

• 2 yr blk 3/4 Simm 1/4 Abg bull AI sired by MSR 5905C H Hill Dan Harris, Auctioneer & Owner • 785-364-7137

Danny Deters, Corning, Auct. & Field Rep • 785-336-1622 Dick Coppinger, Winchester, Field Rep. • 913-683-5485 Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417 Larry Matzke, Wheaton, Field Rep. • 785-268-0225 Craig Wischropp, Horton, Field Rep. • 785-547-5419 Mark Servaes, Atchison, Field Rep. • 816-390-2549

Barn Phone • 785-364-4114 WEBSITE: www.holtonlivestock.com

EMAIL: dan@holtonlivestock.com View our auctions live at "Imaauctions.com 300-400# \$342.00-\$300.00 3 blk@398# \$321.00 HFRTS. 400-500# \$314.00-\$290.00 5 mix@408# \$314.00 \$175-\$130 7 mix@443# \$304 00 \$266.00-\$240.00 **COWS-HIGH** 24 blk@500# \$293.00 \$250.00-\$232.00 26 mix@564# \$265.00 YIELDING: \$109-\$91

Bob Holle, Manager • 785-562-1015

TO SEE OUR LATEST DETAILED MARKET REPORTS AND

UPCOMING CONSIGNMENTS AND SPECIAL SALES

www.marysvillelivestock.com

Individual Report

STEERS

27 blk@839# \$233.25

Jeff Cook

Hanover, KS

600-700# 700-800# 800-900# \$250.00-\$229.00 900-1,000# \$243.00-\$220.00 12 blk@615# \$266.00 66 blk@827# \$250.50 **COWS-LGT HEIFERS** 300-400# \$314.00-\$280.00 WT & LOW 2 blk@295# \$304.00 400-500# \$265.00-\$258.00 YIELDING: 4 blk@446# \$261.00 500-600# \$261.00-\$238.00 2 blk@502# \$261.00 600-700# \$249.00-\$225.00 15 blk@562# \$248.00 9 blk@653# \$250.00 800-900# \$233.00-\$210.00 \$112-\$97

LIVESTOCK INC.

Market Report for 11-2-23. 740 Head Sold.

FIELDMEN Jim Dalinghaus Dave Bures, Auctioneer 785-799-5643

402-239-9717 Odell, Nebraska **Taylor Schotte Trevor Lundberg** 785-268-0430

Greg Anderson 785-564-2173 785-747-8170 Waterville, KS Bill Keesecker 785-410-6117 Washington, KS

\$86-\$70

BULLS:

LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042 Market Report - Sale Date 11-2-23, 1,391 head

300-400 lb. steers, \$300-\$335; heifers, \$257-\$281; 400-500 lb. steers, \$290-\$329; heifers, \$246-\$290; 500-600 lb. steers, \$280-\$303; heifers, \$239-\$257; 600-700 lb. steers, \$242-\$266; heifers, \$231-\$244.50; 700-800 lb. steers, \$230-\$244; heifers, \$216-\$233.50; 800-900 lb. steers, \$223-\$240; heifers, no test; 900-1,000 lb. steers, \$190.50-\$232. Trend on Calves: \$5-\$10 higher. Trend on Feeder Cattle: Strs \$3-\$6 higher; hfrs \$5-\$8 higher. Butcher Cows: High dressing cows \$95-\$111; Avg. dressing cows \$85-\$95; Low dressing cows \$65-\$85. Butcher Bulls: Avg. to high dressing bulls \$98-\$117. Trend on Cows & Bulls: Steady to Firm.

Some Highlights Include:

	HEIFERS	13 blk	488@291.00
18 blk	402@284.00	35 blk	521@303.00
10 blk	473@268.00	13 blk	545@297.00
33 mix	485@275.00	23 blk	601@264.50
17 mix	567@257.00	51 blk	664@260.00
38 blk	585@248.50	42 blk	669@266.00
8 blk	635@244.50	19 char	727@240.50
22 blk	672@239.00	69 blk	779@244.00
25 mix	761@233.50	81 mix	819@240.00
26 mix	780@220.00	48 red	896@225.50
	STEERS	65 mix	928@232.00
2 blk	388@324.00		

THURSDAY, NOVEMBER 9, 2023

60 char cross steers & heifers, off cows, 500-600lbs

1 load mostly blk steers, 800-850lbs

THURSDAY, NOVEMBER 16, 2023

 83 mixed heifers, long weaned, off grass, 550-650lbs 100 mostly black steers & heifers, home raised, long weaned

shots, 500-600lbs

TUESDAY, NOVEMBER 21, 2023 GOLD BUCKLE FEMALE CLASSIC

• 15 blk/bwf replacement heifers 50 blk/bwf replacement heifers

25 purebred Angus bred heifers

· 33 blk/bwf bred heifers • 50 Angus bred heifers

 50 blk/bwf bred heifers 70 blk Al bred heifers

6 blk 1st calf heifer pairs

• 20 blk/bwf 1st calf heifer pairs

30 Angus/Angus X 1st calf heif-

50 blk 3yo cows

• 40 blk 3yo fall pairs

er pairs

 100 blk/bwf 3-6yo cows 100 mostly blk/bwf 3yo-run-

• 65 Angus/Angus X 1st calf heif-

• 30 blk/bwf 3yo spring calving

ning age cows (full dispersal)

• 120 blk 3-7yo cows (full dis-

CLOSED NOVEMBER 23, HAPPY THANKSGIVING! GO TO OUR WEBSITE FOR DAILY CONSIGNMENT UPDATE WWW.ELDORADOLIVESTOCK.COM

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 Seth Greenwood Asst. Barn Manager/Fieldman (620) 583-3338 Kyle Criger Fieldman

(620) 330-3300

Van Schmidt Auctioneer/Fieldman (620) 345-6879 **Charly Cummings** Auctioneer/Fieldman (620) 496-7108 **Brandón Fredrick** Fieldman (620) 204-0841

Cattle Sale Every Thursday 11:00 AM

Grass & Grain, November 7, 2023

AEM honors bipartisan lawmakers with 2023 Champion of the Industry Award; Rep. Mann among honorees The Association of Panetta who have demon- who have championed to continuing working equipment manufacturing ment and Public Affairs

Equipment Manufacturers honored U.S. Senator Gary Peters (D-Mich.), U.S. Senator John Thune (R-S.D.), U.S. Representatives Tracey Mann (R-Kan.), and Jimmy Panetta (D-Calif.) with their AEM Champion of the Industry Award. The award, presented for the third time in the association's 125+ year history, recognizes members of Congress from both sides of the aisle for their steadfast support of the equipment manufacturing industry and their efforts to advance bipartisan, commonsense solutions to the country's toughest challenges.

"The Association of **Equipment Manufacturers** is proud to honor senators Peters and Thune and representatives Mann and

strated the bipartisan leadership and constructive governing necessary to move our industry forward," said Kip Eideberg, AEM senior vice president of government and industry relations. "We need leaders, like these four members of Congress, with the courage to pursue common ground and bold solutions to our nation's toughest challenges. We are grateful to senators Peters and Thune and representative Mann and Panetta for their unwavering commitment to bipartisanship during this pivotal moment for our country."

The AEM Champion of the Industry, AEM's most prestigious award, is reserved for one Democrat and one Republican from each legislative chamber

legislation important to equipment manufacturers and have worked across the aisle to help move the industry forward. Candidates are considered and approved by the AEM Government and Public Affairs Committee.

"Americans want leaders who will put politics aside in order to address issues facing their families, their businesses, and their communities," said Peters. "That is how I have approached my work in Congress and why I am committed to working in a bipartisan way, with dedicated partners like the Association of Equipment Manufacturers, to advance the future of American manufacturing. I am honored to receive this distinction and I look forward

alongside you to support manufacturers and workers across our country."

"Equipment manufacturers play a crucial role in strengthening our economy," said Thune. "It is an honor to be recognized by the Association of Equipment Manufacturers with this award, and I will continue pursuing policies that support this industry and promote good-paying jobs in South Dakota and around the country."

"I am grateful to receive this year's Association of Equipment Manufacturers Champion of the Industry Award," said Mann. "American manufacturers keep America running, ensure that our infrastructure projects run smoothly, and play a critical role in the success of American agriculture. I am proud to work alongside AEM members to advance agricultural and priorities that strengthen America."

"American farmers, ranchers, and producers face a wide array of challenges as they work to feed the world," said Panetta. "Through new agricultural technologies and innovations, we are providing them with the tools that they need to grow and sustain their operations and contribute to our local economies. It is an honor to accept the AEM Champion of Industry Award as we continue our work to support policies that uplift our agricultural industry and strengthen our food security.'

"Now more than ever, Americans are looking for leaders who have the political courage to stand up against partisanship and reach across the aisle," said Pat Weiler, president of Weiler and the 2023 Chair of AEM's Govern-

Committee. "America's equipment manufacturers are grateful to senators Peters and Thune and representatives Mann and Panetta for their leadership and look forward to continue working with them in promoting policies that will create jobs, bolster economic growth, and invest in rural America.'

Previous honorees of the AEM Champion of the Industry Award include U.S. Senators Joni Ernst (R-Iowa), Deb Fischer (R-Neb.), Amy Klobuchar (D-Minn.), and Debbie Stabenow (D-Mich.), and U.S. Representatives Cindy Axne (D-Iowa), Don Bacon (R-Neb.), Cheri Bustos (D-Ill.), and Brian Fitzpatrick (R-Penn.) for their tireless efforts on behalf of the equipment manufacturing industry throughout the course of their careers in Congress.

62/38

Wamego

63/39

Council Grove

11/27

Last

Moonset

3:14 p.m.

3:34 p.m.

3:55 p.m.

4:18 p.m.

4:45 p.m.

5:16 p.m.

5:56 p.m

GROWING DEGREEDAYS

1195 @ 84.00

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or subscribe online at

grassandgrain.com

Jerry Theis runs for Angus Board

Jerry Theis, a second-generation Angus breeder from Leavenworth, is seeking a second term on the American Angus Association Board of Directors.

"I think the breed is definitely on top of the beef industry, and I think our goal as an association is to stay there," Theis says. "Currently, I'm really excited about some of the stuff that's going on through AGI (Angus Genetics, Inc.) with the addition of the functional longevity. ... Also, we've got an extremely strong junior program, and I think that's encouraging as well.'

Theis says the Association and breed is continuing to face new technologies. "The biggest challenge of those new technologies is figuring out which ones are relevant, which ones are going to be helpful and going to propel us, keep us on top of the beef industry," he says. "And still realize that not every new change or new thing is good and be able to sort through which ones we can use to our advantage and the advantage of the beef industry.'

KOESTEL REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, NOVEMBER 18, 2023 * 9:30 AM LOCATION: 6409 S. High Point Road, PARTRIDGE, KANSAS 67566

WOW!! What an offering, 30 Acres w/all improvements, Nice Ranch Home, Roundtop and various other buildings. Property consists of all pasture with a pond and wooded area. Sells at Noon, for more info go to rigginhomes.com website for photos & online bidding information.



TRACTOR, FARM & LIVE-STOCK EQUIPMENT: Mahindra 8560 4WD Diesel Tractor w/Mahindra Loader, Bucket and Forks, only 283 Hrs, like new; John Deere 1518 Batwing 15'

Mower; 12' Speed Mover; 4 Grain Bins (various sizes); 6"-14' Grain Auger; 10'x12' Mini Barn; Vintage Dump Rake and 2 Row Cultivator (yard art); Log Splitter; Cattle Gates and Panels; Lots of T-Posts; Water Tanks; Used Woven Wire; RR Ties; Concrete Blocks; Platform Scales; Misc Iron and Metal Scrap.

SHOP TOOLS: Craftsman Tool Chest; Honeywell 7500 Watt Generator; Speedaire Air Compressor; Lumber Carts; Stepladders; Wooden Tool Box; Wall Drill Press; Log Chains; Power Tools; Battery Charger; Channel Locks; Pliers; Screwdrivers; Files; Hammers; Misc. Wrenches; Gas and Oil Cans; Air Hoses; Electric Cords; Oils and Lubes; Drill Press on Stand; 2 Wheel Grinder on Stand; 100# Anvil; Bolt Cutters; C-Clamps; Pipe Wrenches; Welding Rods and

Helmet; Post and Bench Vise; Levels; Shovels; Rakes; Brooms; Old Wood Planes; Old Mason Tools; Vintage Hand Tools; plus many more items not listed.

GUNS & MISC.: JC Higgins M-20 12 ga; Remington M-34 22 cal; Marlin M-60 22 cal; Traditions Ky 50 cal Blk Powder; Wall Hanger Pistols: Misc. Ammo.

LAWN & GARDEN: Grasshopper 620 Mower (good cond.); Front Tine Tiller; Power Washer; Weedeater: Wooden Crates: Lawn Wagon: Iron Kettle (planter); Chicken Waters; Large Mailbox; Metal Lawn Chairs; Fishing Supplies; Duck Decovs: Lawn Sprayers: Garden Hoses: Picnic Table: Hoes: Rakes: Misc Lawn Fertilizer and Spray; Lawn and Garden Hand Tools.

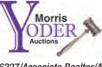
HOUSEHOLD & COLLECTIBLES: Whirlpool Upright Freezer and Refrigerator; Vintage Clothes Chest; Old Store Cabinets; Roller Walker/Chair; Baking Pans; Kitchenware; Lots of Misc. Dishes; Milk Bottles; Canning Jars; Misc. Table and Chairs; New Folding Chairs; Iron Bed; Pictures w/Misc. Frames; Crocks; Cream Cans; Misc. Toys; Oil Lamps; plus more.

NOTE: We are offering a well maintained mini farm, plus clean and nice personal property items.

Auction Conducted for STEVE & JOHNEEN KOESTEL

- Farm Auctions Antiques Real Estate Livestock
- Equipment
- Estates Terms: Cash, Credit Card or Check with Proper ID

Or Buy



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4 red hfrs

5 blk hfrs

4 blk hfrs

4 blk/red hfrs

9 blk/bwf hfrs

13 blk/bwf hfrs

9 blk/bwf hfrs

5 char/red hfrs

7 blk hfrs

27 blk hfrs

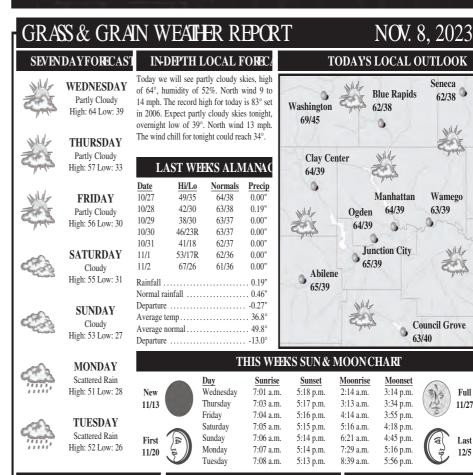
18 blk hfrs

3 blk hfrs

5 blk/bwf hfrs



Morris Yoder, Auctioneer/Realtor, 620-899-6227/Associate Realtor/Auctioneer w/Riggin & Company





0 - 2 3 4 5 6 7 8 9 10 11+

LOCAL UV INDEX

weather from northern Louisiana into central Georgia 10/28 11/1 Thunderstorms spawned three tornadoes and there were 64 10/29 0 11/2

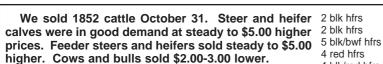
Nov. 8, 1989 - Afternoon and evening thunderstorms Date Degree Days Date Degree Days

WEATHERHISTORY

developing along and ahead of a cold front produced severe 10/27

Tuesdays

1305 @ 102.00



STEER & BULL CALVES 11 blk/red strs 577 @ 258.00 2 blk strs 420 @ 321.00 55 blk/bwf strs 729 @ 248.00 3 blk strs 427 @ 319.00 61 blk strs 874 @ 246.00 9 blk strs 452 @ 318.00 23 blk strs 742 @ 245.50 3 blk/red strs 465 @ 317.00 4 red strs 585 @ 245.00 2 blk/bwf strs 263 @ 316.00 678 @ 245.00 6 blk strs 484 @ 315.75 26 blk strs 670 @ 244.00 11 blk strs 4 blk/red strs 453 @ 313.00 672 @ 244.00 6 blk/bwf strs 3 mix strs 243 @ 311.00 670 @ 243.00 4 blk strs 5 blk/bwf strs 378 @ 305.00 866 @ 242.00 11 blk strs 3 blk strs 477 @ 301.00 676 @ 241.50 7 blk strs 495 @ 300.00 3 blk strs 62 blk/bwf strs 917 @ 241.00 4 blk strs 529 @ 287.00 866 @ 239.00 8 blk/red strs 2 blk strs/bulls 478 @ 285.00 62 blk/bwf strs 927 @ 238.50 8 blk strs 545 @ 279.00 886 @ 237.00 11 blk/bwf strs 539 @ 277.00 14 blk strs 690 @ 233.50 31 blk/bwf strs 4 blk bulls 513 @ 254.00 867 @ 232.50 35 mix strs 543 @ 250.00 2 blk bulls 681 @ 231.00 7 blk strs 60 mix strs 957 @ 229.50 STOCKER & FEEDER STEERS 36 mix strs 814 @ 229.00 88 blk strs 606 @ 281.00 927 @ 227.75 60 mix strs 7 blk/bwf strs 596 @ 273.00 4 blk/bwf strs 951 @ 224.00

> 942 @ 220.00 62 x-bred strs **HEIFER CALVES** 2 blk/red hfrs 383 @ 296.00 7 blk/bwf hfrs 451 @ 276.00 3 blk/red hfrs 458 @ 270.00 15 blk/bwf hfrs 414 @ 268.00 2 blk hfrs 443 @ 263.00

Auction 10:30 AM

> 468 @ 263.00 5 blk/red hfrs 744 @ 222.00 498 @ 261.00 12 blk hfrs 678 @ 221.00 452 @ 260.00 4 blk/bwf hfrs 604 @ 220.00 371 @ 259.00 3 blk hfrs 612 @ 129.00 489 @ 256.00 4 blk hfrs 595 @ 218.00 544 @ 254.50 5 blk hfrs 649 @ 217.50 10 blk hfrs 518 @ 253.00 665 @ 216.00

4 blk hfrs

5 x-bred hfrs

10 blk/red hfrs

1 blk cow 1545 @ 101.50 2 wf cows 1105 @ 83.00 1 blk cow 1400 @ 97.50 **BRED FEMALES & PAIRS** 1 blk cow 1370 @ 96.00 1 bwf cow/cf @ 1775.00 1 blk cow 1200 @ 95.50 1 bwf cow @ 1625.00 @ 1350.00 1 red cow 1295 @ 95.00 1 rn cow 1 wf cow 1030 @ 94.00 1 blk hfr @ 1200.00 744 @ 214.00 1 blk cow 1555 @ 91.00 664 @ 213.50 1 blk cow 1080 @ 90.00 1545 @ 118.00 693 @ 210.00 2 char cows 1605 @ 89.50 1 red bull 858 @ 207.75 1 wf cow 1270 @ 89.00 1 blk bull 1935 @ 118.00 3 blk cows 1110 @ 88.00 1 blk bull 2260 @ 116.00 2 char cows 1453 @ 87.00 1 blk bull 1705 @ 114.00 1 bwf cow 1565 @ 86.00 1 blk bull 1590 @ 105.00 1 blk cow 1115 @ 85.00 1 blk bull 2065 @ 100.00 2 bwf cows 1523 @ 84.50

8 blk hfrs 166 mix hfrs 511 @ 250.00 3 blk hfrs 503 @ 248.00 38 blk hfrs 849 @ 207.00 15 blk hfrs 538 @ 247.00 7 blk hfrs 874 @ 207.00 3 blk hfrs 482 @ 245.00 57 mix hfrs 991 @ 200.00 3 blk hfrs 507 @ 242.00 36 blk hfrs 1052 @ 187.25

508 @ 253.00

518 @ 253.00

520 @ 253.00

325 @ 239.00

729 @ 230.00

587 @ 226.00

814 @ 225.25

641 @ 224.00

775 @ 223.00

5 blk hfrs 302 @ 235.00 **COWS & HEIFERETTES** 3 blk hfrs 542 @ 235.00 2 blk hfrts 1123 @ 153.00 3 blk/red hfrs 523 @ 230.00 2 blk/bwf hfrts 1245 @ 128.00 1 bwf hfrt 990 @ 127.00 **STOCKER & FEEDER HEIFERS** 3 blk/bwf hfrts 713 @ 123.00 75 blk/bwf hfrs 569 @ 265.50 1 blk hfrt 1070 @ 122.00 28 blk hfrs 596 @ 245.00 1 blk hfrt 880 @ 120.00 8 blk/red hfrs 589 @ 240.00 1 bwf hfrt 1005 @ 112.00 3 blk/char hfrs 585 @ 236.00 1 blk cow 1625 @ 109.00 14 red hfrs 623 @ 233.50 1 blk cow 1470 @ 106.00

1 wf cow

1 blk cow

1 wf cow

1 char cow

2 blk cows

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

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

CONSIGNMENTS FOR TUESDAY, NOV. 7, 2023:

- 19 blk cows, 4-8 yrs old bred to char bull, March calves
- 18 char strs & hfrs, 450-500 lbs., vaccinated
- 50 blk red strs & hfrs, 500-600 lbs., vacc.
- 40 blk bwf strs & hfrs, 450-550 lbs., vacc. • 100 Angus hfrs, 725-800 lbs., home raised
- 180 blk steers, 875-900 lbs., Northern origin 120 blk steers, 850-900 lbs.
- 60 blk char steers, 900-925 lbs.
- 61 blk x-bred steers, 925-950 lbs.

1095 @ 105.00

1370 @ 104.50

1640 @ 104.00

1530 @ 103.50

1318 @ 103.00

FOR INFORMATION OR ESTIMATES

2 blk strs

9 blk strs

5 blk strs

3 blk strs

3 blk strs

9 blk/red strs

REZAC BARN

9 blk/red strs

14 blk/red strs

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ST. MARYS. 785-437-2785

620 @ 272.00

566 @ 266.00

562 @ 260.00

566 @ 260.00

566 @ 260.00

610 @ 260.00

625 @ 260.00

659 @ 260.00

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St. Marys, Ks.

Website: www.rezaclivestock.com **AUCTIONEERS: DENNIS REZAC, REX ARB & JASE HUBERT**