#### Grass & Grain, March 19, 2024 Page 13 USDA announces final Packers and Stockyards Act inclusive competition rule The U.S. Department 1921. This is the second ket vulnerable individand instead delineates ing producers based on additional proposed

of Agriculture (USDA) released a final rule titled, "Inclusive Competition and Market Integrity Under the Packers and Stockyards Act." The final rule amends the agency's implementation of Sections 202 (a) and (b) of the Packers and Stockyards Act of

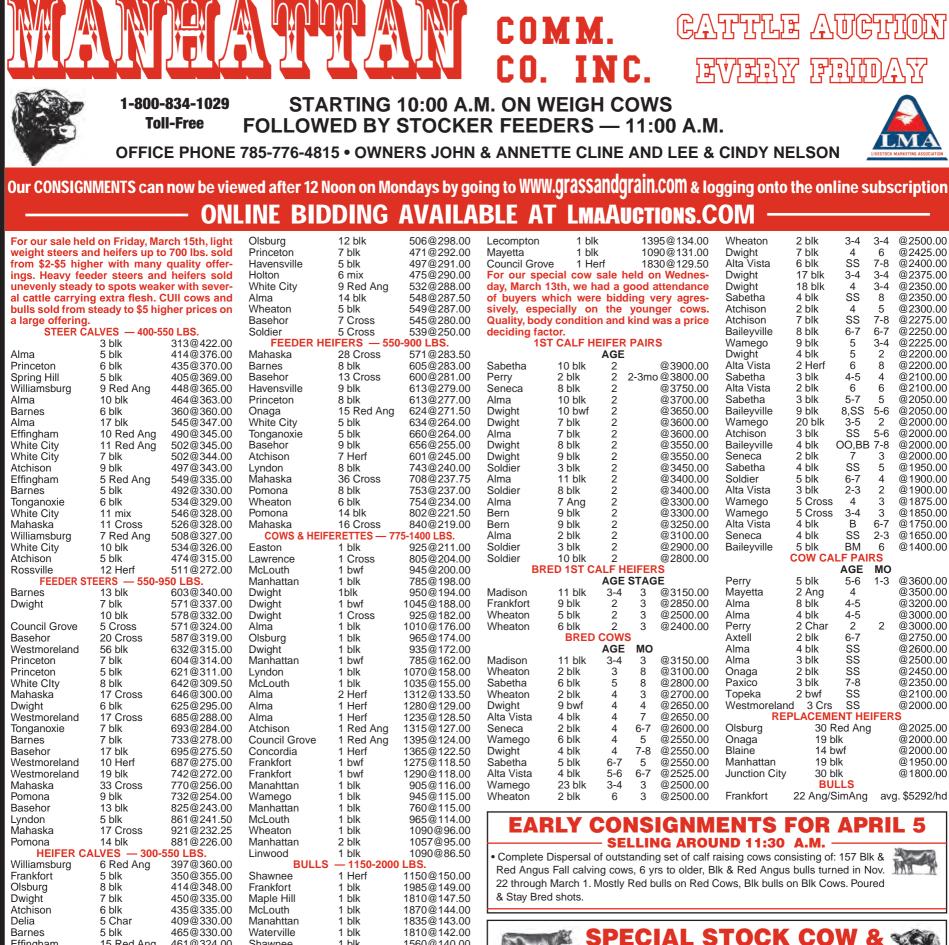
in an expected series of three new regulations. This rule is effective May 6, 2024.

NCBA filed comments in opposition to the proposed rule over a year ago. The primary concern with this rule stemmed from a proposed definition, "maruals." Concerns were rooted in the potential unintended market consequences associated with the special protections afforded those who met the vague definition of this new term. The final rule omits

the term, "market vulnerable individuals," a set of protected classes which include race, color, national origin, religion, sex, sexual orientation, gender identity, age, disability and marital status. The rule further prohibits packers from discriminating against, retaliating against, or deceivthese protected classes.

The final rule did not mention harm to competition or alternative marketing arrangements. However, during a recent webinar, Andy Green, US-DA's senior advisor for Fair and Competitive Markets, stated that an

rule addressing harm to competition and unfair practices has been submitted to the Office of Management and Budget for review. Green did not indicate when the rule would be published in the Federal Register for notice and comment.



Barnes	5 blk	465@330.00	Waterville	1 blk	1810@142.00
Effingham	15 Red Ang	461@324.00	Shawnee	1 blk	1560@140.00
Riley	6 blk	426@322.00	Dwight	1 blk	1725@139.50
Frankfort	7 blk	424@320.00	Barnes	1 blk	1740@137.00
Williamsburg	12 Red Ang	477@314.00	Lawrence	1 blk	1630@136.50
Valley Falls	5 Red Ang	505@298.00	Olsburg	1 blk	1640@135.00

#### IGNMENTS FOR **MARCH 22:** • 48 Home raised Red Angus strs & hfrs, long weaned, 2 rds shots, green, 550-650#

- 250 Choice Blk feeder strs, long weaned, 2 rds shots, green, 725-850#
- 260 Choice reputation home raised Ang strs & hfrs, long wean., 2 rds shots, green, 600-800#
  54 Sim Cross strs & hfrs, long weaned, 2 rds shots, green, 500-750#
- 105 choice reputation blk mostly strs & hfrs, long weaned, shots, 750-875#
- 90 blk & bwf strs & hfrs, 1 rd shots, bunk broke, no implants, Invermeck, 500-800#
- 35 blk strs & hfrs, weaned Jan., 1 rd shots, 450-550#
- •120 blk bwf hfrs, 625-650#
- 150 homeraised fancy Sitz sired Northern genetics strs & hfrs, long weaned, 2 copmlete rd shots, poured, no implants, 700-900# • 50 choice reputation Lyons Ang sired strs & hfrs, weaned, shots, 500-600#
- 1 Crossbred butcher hfrs, 1300-1400#
- 35 Red & Blk strs & hfrs, 1 complete rd shots, 400-500#
- 27 blk & Red strs, poured, weaned 50 days, 2 rd shots, 650-700#
- 30 blk & Red hfrs, poured, weaned 50 days, 2 rd shots, 600-650#

### FLINT HILLS REPLACEMENT **HEIFER SALE:** Selling after 3:00

### IN CONJUNCTION WITH OUR REGULAR SALE

FEATURING: BLK ANGUS, RED ANGUS, SIM ANGUS, **BWF & HERF OCV HFRS** 

# Consisting of 69 blk Nebraska origin, 260 Blk Angus &

SimAngus, 65 BWF, 40 Red Angus, 15 RWF, 20 Hereford All heifers tract scored, pelvic measured, received pre-breeding shots and culled for disposition.

### EARLY CONSIGNMENTS FOR MARCH 29:

150 choice reputation Ang strs & hfrs, 1 rd shots, no implants, 600-800# • 90 blk & bwf Lyons & GW sired strs & hfrs, 1 rd shots, 500-625#

CIAL STOCK COW BRED HEIFER SAL D., APRIL 10 • STARTING 11:00 - ONLINE BIDDING AT LMAAUCTIONS.COM -MCCLIVESTOCK.COM **CINDY NELSON 785-770-2416** JOHN E. CLINE 785-532-8381 **BRED 1ST CALF HEIFERS** 15 Fancy Blk Fall bred 1st calf OCV hfrs, AI bred to RR Endeavour Aug. 15, and cleaned up Lyons Angus bull for 30 days. 8 SimAngus 1st calf hfrs bred Purebred Angus bulls, heavy Springers. **1ST CALF HEIFER PAIRS** • 10 Fancy gentle Blk 1st calf OCV hfrs with 35-60 day, mostly Al sired calves by Tehama Tahoe Blk Angus bull. Calves & hfrs have had all shots, grass ready. 14 SimAngus 1st calf hfrs with Purebred Angus sired calves by side. 20 Blk & Blk baldy 1st calf hfrs with Blk, Blk baldy, & Red calves by side. • 10 Home raised Blk 1st calf OCV hfrs with Blk calves by side. 10 Home raised Red 1st calf OCV hfrs with Red & Blk calves by side 30 Big gentle Blk 1st calf hfrs with 30+ Cline & Nemaha Valley Angus sired calves by side. Hfrs & calves worked & grass ready. **COW CALF PAIRS** 20 Big Blk cows, 3 to 5 yrs., with 30-60 day Blk & Char calves by side. **BRED COWS** 85 South Dakota origin Fall calving cows consisting of: (45) Angus cows, 3-4 yrs., bred to Horned Herf bulls; (40) Blk & F-1 Baldy cows, 3-5 yrs, bred to Sons of Exclusive & Resource Angus bulls. All Cows wormed & had breeding shots. 60 Northern origin Blk Angus cows, 3-4 yrs, bred Blk Sim or Angus Dec. 2 for Sept calves, Fall shots 50 Blk Blk Baldy Cows, 3-5 yrs, bred Blk Sim or Angus Dec. 2 for Sept calves, Fall shots. 10 Blk Fall calving cows, 4 yrs-SS, bred Cline Angus bulls to start calving Aug. 1. all worked & grass ready. BULLS • 1 Blk Angus Cline genetic bull (3 1/2 yrs) 1 Blk Sim Irvine Ranch genetic bull (3 ½ yrs) 1 Registered Ultra Blk bull (2 yrs) • 2 Registered Conneally genetic yearling Angus bulls

• 5 Home raised Jameson & Cline genetic Herf bulls, 18 mos, 3 rds shots including Vibrio Lepto

## Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM **2024:** April 10 • May 1

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

			——— FIEl	D REPRESE	NTATIVES —			
JOHN CLINE	BRE	ENT MILLER		TOM TAUL		BRYCE HECK		SAM GRIFFIN
ONAGA	ALN	MA		MANHATTAN		LINN		BURNS
785-889-4775	785-	-765-3467		Cell: 785-556-1422		785-348-5448		620-726-5877
Cell: 785-532-8381	Cell	l: 785-587-7824				Cell: 785-447-0456		Cell: 620-382-7502
	ALAN HUBBARD		DAN COATES		ANDREW SYLVESTER	2	LARRY SCHRICK	
	OLSBURG		BALDWIN		WAMEGO		EASTON	
	785-468-3552		785-418-4524		785-456-4352		913-547-1315	
	Cell: 785-410-5011							

# PERFORMANCE UNLIMITED BULL SALE

# Your Premier Source For Feed Efficient Genetics THURSDAY MARCH 28<sup>TH</sup>, 2024 AT 5:30 PM

NEW LOCATION: Overbrook Livestock Commission • 305 1st St., Overbrook, KS

OFFERING: (37) Bulls, 4-2 yr olds; (25) 18 mo. olds; (8) yearlings

208

2.9

72

112

91

4.1



6.5 1.6

69

112

100 0.87

A standout Benton son. Gained 5.08#s per day on test and had an incredible ADJ Feed to Gain

of 3.89 to 1. His cost of gain was 25% cheaper than the group average

0.60

482

600

<image>



Pigment, Phenotype and Efficient Performance with a Prolific EPD Profile. My favorite A250 son we have ever raised. Our #3 bull on test for cost of gain – 16.4% less than the group average.

A Validated son. Cost Cutting genetics that will make cows with high carcass quality. 3.93 to 1 Feed to Gain all while eating 2# less that his pen mates but gaining nearly  $\frac{1}{2}$  pound more per day.

0.88

517

657

222

0.87



His dam is a Dam of Distinction and has a MPPA of 109. On test he recorded a favorable -1.41 RFI and an ADJ Feed to Gain with a 9.1% advantage over his pen mates.



 Innisfail Trademark 1939ET

 CE
 BW
 WW
 YW
 CW
 REA
 MARB
 BMI\$
 BII\$
 CHBS

 4.4
 0.2
 68
 106
 78
 0.76
 1.03
 498
 644
 219

 Early data for feed efficiency is promising. Sons sell!!



 EFBEEF C609 RESOLUTE E158 ET

 CE
 BW
 WW
 VW
 REA
 MARB
 BMI\$
 BII\$
 CHB\$

 1.8
 2.8
 69
 97
 85
 0.68
 0.80
 502
 637
 193

 NRSP Standout Top 1% BMIS and CHBS. Sons sell!!

# Individual Feed Intake Data Available On Fall 2022 Bulls

**Complete list of Bulls, Videos, and Catalog at:** 

www.beefresources.com; www.mmherefords.com; www.schu-larherefords.com



BEEF RESOURCES PARTNERSHIP David Trowbridge Tabor, Iowa • 402-740-7033 david\_trowbridge@msn.com www.beefresource.com



SCHU-LAR POLLED HEREFORDS Lawrence, KS 66049 Bryce & Gina Schumann 785-424-0360 schumannb@hotmail.com Annette Larson 785-843-5986 schular@sunflower.com www.schu-larherefords.com



MM Ranch Alex and Alison Mih 620-431-3917 • Cell 620-212-3250 amih@mmherefords.com www.mmherefords.com

# Kansas Hay Market Report

Compared to the last report, demand was moderate for alfalfa but remained light for grass hay. Open weather, greening pastures and lower cattle numbers have all contributed to the lower demand. According to the U.S. Drought Monitor for March 5th, temperatures in the region ranged from mostly five to ten degrees warmer than normal for far eastern Wyoming and Colorado and most of Kansas. Abnormally dry conditions expanded in eastern Kansas where recent precipitation has been low and soils were drying. The categorical percent area for abnormally dry conditions (D0) increased to 30%, moderate drought (D1) remained near 26%, severe drought (D2) remained just over 2%, and no extreme drought (D3) or exceptional drought (D4) was recorded.

#### Southwest Kansas

Trade activity is slow. Dairy alfalfa prices are steady. Grinding alfalfa, large squares \$5.00 lower, large rounds steady. Ground and delivered alfalfa price steady. Alfalfa: Dairy, \$1.35-\$1.45/point RFV. Good, Stock or Dry Cow none reported. Fair/good grinding alfalfa, large rounds\$120.00-\$130.00, large square 3x4's and 4x4's \$145.00-\$155.00. Ground and delivered locally to feed lots and dairies \$205.00-\$215.00. Alfalfa pellets: Sun cured 15 pct protein \$295.00-305.00, 17 pct protein \$305.00-\$315.00. Grass Hay: Bluestem small squares \$8.00/bale, bluestem CRP large rounds \$75.00/ton. Corn stalks: 3x4's \$100.00 delivered. Sudan, large square 4x4's \$110.00-\$115.00 delivered. The week of 3/03-3/09, 4,802Tof grinding alfalfa and 525T of dairy alfalfa was reported bought or sold.

#### **South Central Kansas**

Trade activity is slow to moderate. Dairy alfalfa prices are steady. Grinding alfalfa \$5.00 lower and ground and delivered alfalfa prices steady. Alfalfa pellet steady to 5.00 lower. Alfalfa: horse, small squares \$13.00-15.00/bale; Dairy \$1.35-\$1.45/ point RFV. Good, Stock cow, \$225.00-\$235.00. Fair/ good grinding alfalfa, large rounds \$150.00-\$160.00 delivered, 3x4 and 4x4's \$155.00-\$165.00 delivered. Alfalfa ground and delivered \$190.00-\$200.00. Alfalfa pellets: Sun cured 15 pct protein \$290.00-\$300.00, 17 pct protein \$300.00-\$310.00, Dehydrated 17 pct protein: \$400.00-\$405.00. Grass hay: Bluestem, small squares \$200.00, large rounds \$100.00-\$120.00, large square 3x4's none reported. Brome, none reported. Sudan, large rounds \$70.00-\$80.00. The week of 3/03-3/09, 6,646.5T of grinding alfalfa and 1,050T of dairy alfalfa was reported bought or sold.

#### Southeast Kansas

Trade activity is slow. Dairy alfalfa price is steady, Bluestem and Brome hay price steady. Alfalfa: horse or goat, none reported. Dairy \$1.35-\$1.45/point RFV. Good, stock cow \$200.00-\$220.00. Fair/good grinding alfalfa, large rounds none reported, large square 3x4's \$185.00-\$195.00. Grass hay: Bluestem, small squares \$200.00-\$205.00, large round \$140.00-\$150.00, large square 3x4 and 4x4's \$160.00-\$170.00. Brome, small squares \$200.00-\$205.00, large rounds none reported, large square 3x4 and 4x4's \$180.00-\$200.00. Corn stalks: large rounds \$55.00-\$65.00. The week 3/03-3/09, 1,038T of grass hay was reported bought or sold.

#### Northwest Kansas

Trade activity is slow. Dairy alfalfa, grinding alfalfa prices are steady. Alfalfa: horse, small squares \$13.25/bale. Dairy, Premium/Supreme \$1.40-\$1.50/point RFV. Stock cow, good, \$200.00Grass & Grain, March 19, 2024 Page 15 \$230.00, Alfalfa Good 3x3's \$200.00, Premium 3x3's \$280.00, Fair/good grinding alfalfa: \$180.00-\$200.00. Sudan large rounds \$60.00-\$70.00.

#### North Central-Northeast Kansas

Trade activity is slow. Dairy alfalfa, steady. Grinding alfalfa steady, Ground and delivered steady. Grass hay steady. Alfalfa: Dairy \$1.40-\$1.50/ point RFV; Horse hay, premium small squares: none reported; Stock Cow 3x4's \$200.00-\$230.00; Fair/good, grinding alfalfa, large rounds \$145.00-\$155.00, large square 3x4's \$160.00-\$170.00. Alfalfa ground and delivered \$200.00-\$210.00, alfalfa/ sudan mix ground and delivered \$195.00-\$205.00. Grass hay: Bluestem, small squares \$7.00-\$8.00/ bale, large rounds \$135.00-\$145.00, large square 3x4 and 4x4's \$175.00-\$185.00. Brome: large rounds \$160.00-\$170.00, large square 3x4 and 4x4's \$170.00-\$180.00. Corn stalks: \$60.00-\$70.00. Milo stalks: \$75.00-\$85.00. Soybean stalks: large rounds \$85.00-\$95.00. Wheat straw: large rounds and large squares \$105.00-\$115.00. The week of 3/03-3/09, 165T of grinding alfalfa and 342T of dairy alfalfa was reported bought or sold.

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

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

\*\*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.

# Gov. updates declaration of drought emergency, warnings, and watches for Kansas counties

Governor Laura Kelly has approved updated drought declarations for Kansas counties with Executive Order #24-01.

"While drought conditions have improved greatly in recent months, many counties continue to be negatively impacted by the decline in water supply or strains on water resources," said Kelly. "I strongly encourage all Kansans to continue to conserve water as we head into the summer months."

The drought declaration removed all 55 counties previously in emergency status and placed 15 counties into warning status and 62 into watch status. This action was recommended by Connie Owen, director of the Kansas Water Office and Chair of the Governor's Drought Response Team. While a majority of Kansas has seen significant relief from drought since August, central and southeast Kansas continue to be in severe drought. "Counties in a watch status have conditions which indicate the probability of a water shortage is rising. It is important to monitor

these conditions and be mindful of water usage in these counties," said Owen. "The Governor's Drought Response Team will continue to monitor the drought conditions across Kansas and make recommendations to Governor Kelly as conditions change."

This Executive Order shall remain in effect for those counties identified until rescinded by an Executive Order ending the declaration or revising the drought stage status of the affected counties.

Effective immediately, Executive Order #24-01:

• Declares a Drought Emergency, Warning, or Watch for the counties as identified below;

• Authorizes and directs all agencies under the jurisdiction of the Governor to implement the appropriclosely and work to minimize the negative drought-induced effects on Kansans. Labette, Lane, Leaven-

For more detailed information about current conditions, visit the Climate and Drought webpage on the Kansas Water Office website at kwo. ks.gov.

Drought Stage Declarations:

Drought Emergency: Drought Warning: Chautauqua, Clay, Dickinson, Elk, Graham, Harvey, Jewell, McPherson, Mitchell, Montgomery, Osborne, Ottawa, Reno, Rice, Rooks, Wilson.

Drought Watch: Allen, Anderson, Atchison, Barton, Bourbon, Brown, Butler, Chase, Cherokee, Cheyenne, Cloud, Coffey, Cowley, Crawford, Decatur, Doniphan, Douglas, Ellis, Ellsworth, Frankwood, Jackson, Jefferson, Johnson, Kingman, Labette, Lane, Leavenworth, Lincoln, Linn, Lyon, Marion, Marshall, Miami, Morris, Nemaha, Neosho, Ness, Norton, Osage, Phillips, Pottawatomie, Pratt, Rawlins, Republic, Riley, Russell, Saline, Sedgwick, Shawnee, Sherman, Sheridan, Smith, Stafford, Thomas, Trego, Wabaunsee, Washington, Woodson, Wyandotte.



These young ladies were crowned Angus royalty and are pictured at the 2024 Kansas Angus Association Annual Meeting and Banquet, Jan. 20 in Hutchinson. Pictured from left are Parris Marsh, Oskaloosa, district 1 ambassador; Kaelyn Schilling, Goodland, 2024 Miss Kansas Angus; and Addie Haverkamp, Bern, 2023 Miss Kansas Angus.

Photo by Anne Lampe, Kansas Angus Association

# Thank You ...



The Chapman FFA Alumni would like to extend a thank you to everyone who attended our annual work auction, donated live or silent auction items, provided monetary donations, purchased items, and made it possible for this successful event.

A special thank you to Lynn Langvardt for being our auctioneer, as well as those who made the food for this event, and the alumni members for making this event possible. We are proud of our community and the support that they give our FFA members. We can never say thank you enough.



ate watch, warning, or emergency-level drought response actions assigned in the Operations Plan of the Governor's Drought Response Team.

TheGovernor'sDroughtResponseTeamwillcontinueto watchthe situation



Bluestem-Farm,&Ranch: 2611 W. HWY 50 - Emporia. KS Pioneer/Farm,&Ranch: 427 NE 14<sup>th</sup> - Abilene. KS Orestop by the Grass & Grain office: -1531 Yuma St., Manhattan. KS -Office Hours: Mon.-Fri., 8:30 am-4 pm

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C	LA	SS	IFI	E	)S
CLASSIFIED AD D	EADLINE IS 10:00 A.M.	. FRIDAY	RATES AND DISCOUNT	s c	CLASSIFICATIONS
your ad, we must have this Name:	by a / count as two.	CLASSIFI	f words: @ 70¢ ne week: ne-week cost times number o run. consecutive wee CATION: Cost for week COUNTS: (For PRE-PAID orde duct 10% if ad runs 2 or 3 w deduct 25% if ad runs 4 wee Less discount TOTAL: <u>Pay with (PLEASE CIRCLE ONE</u> ECK MASTERCARD VISA D	each     SWINE       each     HORSE       feach     FERTILI       of weeks you     FEED &       of weeks you     REAL E       s:     SERVIC       of weeks;     HARVES       s:     LIVESTO       \$     BUILDIN       iscover     BINS - D	SHEEP S POULTRY IZER TRAILERS SEED MACHINERY OTIVE EMPLOYMENT STATE ANTIQUES CES PASTURE TION WANTED STING PETS OCK OTHER OCK EQUIPMENT NGS-BUILDING MATERIALS DRYERS - VACS
	V-Code 3 digits on the b the sign Signature: • Please first ins • NO REF • BY PHC	(required) last (see sample: 567) located ack of your credit card on ature panel.	SPRAY BUSINE 1234 567 MALID UNLESS SIGNED SIGNATURE 1234 567 WELDIN MISCEL EMINDERS once. We cannot be a	LANEOUS	
GRASS & GRAIN	<u>CALL:</u> 87 <u>MAIL TO:</u> AC <u>FAX:</u> 785-	7-537-3816 TOL PRESS, Box 100 539-2679 <u>ON</u>	Place Your Ac L-FREE OR 785- 09, Manhattan, Ka LINE: www.grassan	539-7558 ansas 66505 dgrain.com	VISA DI/COVER
CATTLE 1 SIMMENTAL, 4 Sim-Angus seedstock bulls. \$2500 and up. Joe Johns, 785-539-0396. POLLED HEREFORD BULLS, 2 year old, worked and tested, calving ease and good per- formance. (785) 865-3444.	CATTLE	CATTLE 20 Performance Tested Sim-Angus bulls Yearling to 2 year olds, black or red polled, semen checked, vaccinated, poured, very gentle. Luin Berger Waterville, KS	CATTLE FOR SALE PRIVATE TREATY Registered Shorthorn bulls and replacement females available year-round. Performance tested, health checked, docile, ready to work.	CATTLE	CATTLE ANGUS BULLS 18 to 24 Months Old Also Yearlings • Good maternal traits • Gentle disposition
TWO YEAR OLD SIMANGUS bulls for sale. Reasonable priced. TO Ranch. 785-747- 6554 POLLED HEREFORD Feb March yearling bulls. Calving ease, red-eyed, gentle. Pic- tures available. Kanza Cattle, Chapman 795 212 655	Casey Jensen 785-955-0012 Kirk Jensen 785-243-0412 Courtland, KS	785-268-0647 HEREFORD BULLS Good bulls with balanced EPD's, practical development, good disposition, & eye appeal. Oleen Cattle Co. Falun, KS	PRAIRIE VIEW Shorthorn Farm Ross Mosteller 785-541-1012; Bern, KS redcowfamily@gmail.com	PRIVATE TREATY Service-Age Bulls Calving Ease • Performand Efficient • Docile Dave Stump 785-556-0124 Dan Schmidt 785-562-6685 Blue Papide KS	Calving ease     Priced to sell
Chapman. 785-313-6565.	SMOKY VALLEY Argus Yearling Registered Angus	oleencattleco.com GLENN CHUCK 785-826-0870 785-452-2961 BRANDON 785-452-8148	Obermeyer Charolais	Blue Rapids, KS Visit us at SpringhillHerefords.com A Gold TPR Breeder ANGUS & SIMMENTAL ANGUS BULLS	- ANGUS BULLS ANGUS BULLS Yearling to 2 year old Performance Data Available Good Maternal Traits

4AS

1367

**Registered Charolais bulls** 



BRIAN KOSTER

TESCOTT, KS

bulls, Al sired, performance

tested, carcass ultrasound



Feb. 17th at the farm, Linn, Ks. 100+ pigs. Hamps, Durocs, Spots, and Crossbreds. Text 785-747-8263 for more information and directions to farm.

SWINE EQUIPMENT Buildings — Ventilation Flooring — Feeders Waterers — Heaters Crates - Nursery Equip. K & N Swine Systems **RICK HENRY** 785-336-2130 SENECA, KANSAS



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Grass & Grain, March 19, 2024

APRIL 6 - MACHINERY Consignment Auction, Cuba, Kansas, 701 Bristol. 785-747-8262.

MACHINERY

FOR SALE: 4WD 8820 JD combine, runs well, good tires. \$7,500. 785-288-0920.

**HARLEMAN** Ground Force tree saw, 42" blade. Excellent tree saw. 785-364-7707.

2015 FREIGHTLINER, 575 horsepower, 18 speed. 575K original miles. Asking \$35,000. Call Cody, 785-479-0978.

900 CASE-IH 6-ROW AIR planter. Hydraulic drive, liquid fertilizer. 4 tires, good condition. 785-396-4482. \$3,000.

2016 FREIGHTLINER, 500 horsepower, automatic transmission. 775K original miles. Asking \$35,000. Call Cody, 785-479-0978.

**880 MASSEY FERGUSON** semi mount plow, 4-16; 6 row Lilliston cultivator, 5x7 tool bar; JD 400 rotary hoe, 15'. 620-664-4123.

FOR SALE: CASE 580 Super L backhoe with 4WD, Extendahoe, aux. hydraulics, cab heat. Well maintained, good tires. \$25,000. 785-288-0920.

JOHN DEERE 468 megawide round baler, 540 PTO, net wrap and twine tie, big tires, 13,000 bales, good condition, always shedded. \$22,500. 785-499-3077.

FOR SALE: ONE SET OF 13.6x38 rear tractor tires; 4 sets of 16.9x34 rear tractor tires; parts for WC-WD-D17 AC tractors. Want set of 13.6x38 field and road tires. Phone 785-407-7165.

GEHL 125 MIX-ALL, 1000 RPM, electric swing for unloading, hydraulic intake auger, 4 foot folding unloading auger, analog scales, hammers never turned, shedded. \$12,000. 785-396-4482.

1995 JD 7800 2x2 145 HP. PS, 3 remotes, @11,000 hrs., nice tractor, \$29,500. Also 1978 JD 4040, PS, 2x2, @7,000 hrs., 2 remotes, nice tractor, w/2846 QT Bush Hog loader, 6' bucket, 2-prong bale spear, \$29,500. 785-466-6019.

IHC 501 PLOWING DISC 24" blades, 16 row new Germinator closing wheels, heavy-duty NH3 spring loaded shank and coulter brackets, coulter brackets with no springs, cast iron closing wheels for no-till JD drills, single-disc fertilizer openers for JD planter, standard closing wheels for JD planter, new chaffer for S or R series Gleaner combine. All items good. No junk. 816-383-3585.



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# The Fightin' Bob – Epilogue

Evans would receive the Presidential Unit Citation, which is the highest award a U.S. Navy crew can receive. for its "extraordinary heroism in the action as Support Destrover on Radar Picket Station Number 15 during an attack by approximately 100 enemy Japanese planes, forty miles northwest of Okinawa... May 11, 1945."

Stanley Stanhope and Jack Allegre (allagear) would return to Kansas as soon as their Navy service was complete. Jack, son of the pharmacist at Lebo, would go to college at University of Missouri, Kansas City (UMKC) and complete his own pharmacist degree, and would spend the rest of his life serving the town of Lebo in that career.

Stan's stint aboard the troop ship would keep him sailing long enough to circle the globe seeing places like Calcutta, India, the Suez Canal and Gibraltar before returning to the States. When he arrived at his parents' home in Iola, he came in the back door to hug his mother so he could literally say he'd been completely around the world.

Working with his dad in the well service business was just enough to reveal he needed to move on. By 1949 he found himself part of the rural electrification of Nebraska, hanging lines on power poles that winter, which was one for the record books. Dropping from several feet up a pole into the snow bank in order to keep out of the wind while you ate lunch is a bit more than the seasoned "shell back" who'd spent months in the Pacific Tropics was bargaining Stan would soon for. realize what he wanted to do the rest of his working life. "Hanging on a pole 25 feet high in the cold Nebraska winter while tying wire off with freezing fingers, I saw a truck driver go by with his window rolled down a bit, smoking a cigarette while wearing nothing but a T-shirt!" he exclaimed. "I knew then what I was meant for!" Stan would buy a truck and work as an owner/operator for several years. He showed me a picture of himself standing on the running board of his old Diamond Reo. I noticed the address on the door of the truck said Dothan, Alabama. I asked him about it. "I hauled a lot of swinging beef from Chicago to Florida. Driving through the South in the 1950s, you didn't want to have license plates from Kansas on your rig. I tagged that truck in Alabama and never had any trouble." Stan would give up his independent truck line and sign on with ABF and drive for 32 years, during which time he drove the entirety of the continental United States. He also

The USS Robley became a union representative, a safety officer, a business agent, and officer in the Kansas City Local for the Teamsters. His stories, some of which I have previously written are nearly 'legendary' as they say, and he told them well.

> He proudly displayed his service medals along with the official Presidential Citation, and several other memorabilia in his home.

> Years ago Stan would greet me with, "So what have you done for your country today?" Coming from a man like Stan, it was quite intimidating, especially since I never served in the military, and I told him so. He said, "Hell, son, the military ain't the only way you serve your country!" He was right. I don't think I ever heard Stan complain. He always had a positive attitude. Though we disagreed on some politics, he and I agreed that the key to happiness was to be grateful; grateful for what we have and for this country which allows one to pursue happiness. Grateful enough to improve our own little corner of it by doing more than required of us; to give something back.

I was asked by the family to deliver a eulogy for him at his inurnment into the Leavenworth National Cemetery mausoleum, and it was one of my highest lifetime honors to do so. The U.S. Navy was there with full military honors. I read the complete Presidential Citation at that time. During my preparation for that, I came across a quote in one of Stan's old shipmate's reunion programs I would like to share, and I think this represents Stan's generation very well: "War is an ugly thing. but not the ugliest of things. The decayed and degraded state of moral and patriotic feeling which thinks that nothing is worth war is much worse. The person who has nothing for which he is willing to fight, nothing which is more important than his own personal safety, is a miserable creature, and has no chance of being free unless made or kept so by the exertions of better men than himself." -John Stuart Mill, English Philosopher This reminded me of another quote from famous Founder, a Samuel Adams: "If ye love wealth better than liberty, the tranquility of servitude than the animating contest of freedom-go from us in peace. We ask not your counsels or arms. Crouch down and lick the hands which feed you." I am both humbled, and honored, to have known such men who thought freedom was worth the fight. Kirk Sours is a ranch manager and columnist in northeast Kansas. Email him at: sours. kirk@yahoo.com.

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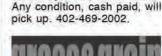
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# WELCOME TO G&G — A RURAL NEWSWEEKLY

Grass & Grain, a farmers' newsweekly, has been published in Manhattan, Kansas for over 60 years.

The G&G community looks to the Tuesday publication for timely, accurate information.

Page 19

# 4-H Shooting Sports fundraiser featuring upland game bird program to be held in Salina

The Central Kansas Extension District will host an Upland Game Bird Biology and Management program on Wednesday, April 10 in the Saline County 4-H Building in Salina. This informational session is an opportunity for land managers and wildlife enthusiasts who have an interest in developing habitat and enhancing game populations to learn about the various programs, services, and resources that are available to help them meet their goals.

Starting at 5:30 p.m., the Central Kansas District 4-H Shooting Sports project members will

#### be serving a barbecue dinner by free will donation. Youth will also be selling raffle tickets for various prize drawings. Proceeds will go to support 4-H youth enrolled in the shotgun, archery, BB gun, air rifle, muzzleloader, and hunting skills disciplines.

Dr. Drew Ricketts, K-State Research and Extension wildlife specialist, will begin the educational program at 6:30 p.m. with a presentation on the biology, habitat requirements and general management of pheasant, quail and other upland game birds in Kansas. Following will be Pat

Riese, wildlife biologist with Kansas Department of Wildlife and Parks. He will highlight numerous technical assistance and financial resources including cost-share and incentive programs available throughout the state. Additionally, an outlook and forecast on game bird populations and strategy will be offered.

To get an accurate count for the meal, registrations are requested by Wednesday, April 3. For more information or to RSVP, please contact the CKD Extension Office in Salina at (785) 309-5850.

# **Registration open for BIF symposium; register by May 1 for \$50 savings**

Registration is now open for the 2024 Beef Improvement Federation (BIF) Research Symposium and Convention that will be hosted June 10-13 in Knoxville, Tennessee. Participants can save \$50 if they register by May 1.

registration Full before May 1 is \$250. This includes two and one-half days of educational programming focused on improving maternal traits and effi-

ciency. It also includes the Welcome Reception on Monday evening, lunch on Tuesday and Wednesday, and an off-site social with dinner on Tuesday evening. The student early bird rate is \$200.

Monday, June 10, kicks off with the Young Producer Symposium at 1 p.m. followed by the Welcome and Scholarship Reception. Monday evening a Feeder Cattle Panel will focus on capturing value of improved genetics and health in feeder cattle production.

Tuesday's general session will focus on "Building a better cow" and will include presentations by Dr. Jared Decker, University of Missouri; Dr. Darrh Bullock, University of Kentucky; Dr. Rick Machen, King Ranch Institute for Ranch Management; Dr. Bob Weaber, Kansas State University; and Dr. Dave Lalman, Oklaho-

ma State University. Wednesday's general session theme will

continue the theme of building maternal excellence and speakers will include Dr. Christine Baes, University of Guelph; Dr. Larry Kuehn, U.S. Meat Animal Research Center; and Dr. Mike Coffey, Scotland's Rural College.

Tuesday and Wednesday afternoon technical breakout sessions will focus on a range of beef-production and genetic-improvement topics.

For registration and more symposium details, including hotel information, visit BIFSymposium.com. Prior to and during this year's symposium, be sure to follow the event on social media channels using the hashtag #BIF2024.

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

# CFTC, K-State announce agenda for AgCon2024 The Commodity Fu- experts, regulators, and Schmid, president, son, Christy Goldsmith a futures contract; ments involving volume

tures Trading Commission and the Center for **Risk Management Edu**cation and Research at Kansas State University have announced the agenda for the third Agricultural Commodity Futures Conference (AgCon2024). The conference is scheduled for April 11-12 in Overland Park.

The conference brings together leading voices from academia, agribusiness, as well as the private and public sectors to explore a range of current issues and topics facing the agricultural futures markets.

"The ability of America's farmers and ranchers to manage all types of risk predictably and without undue burdens directly impacts the prices American consumers pay for food and fuel, and also directly impacts the livelihood of families across the country," said CFTC Chairman Rostin Behnam. "As I've said health of the agricultural value and supply chains trickles down throughout the entire U.S. economy, impacting the regions they occupy in meaningful ways. Bringing together

stakeholders to discuss the issues our futures markets currently face helps foster healthier markets, lower prices, and a stronger economy. I look forward to engaging with everyone in America's heartland."

Highlights this year include remarks from: Roger Marshall, M.D., U.S. senator (Kansas) and member of the Senate Agriculture Committee

Jeffrey

Federal Reserve Bank of Kansas City

Ambassador Doug McKalip, U.S. chief agricultural negotiator, office of the U.S. Trade Representative

Chairman Behnam, followed by Ernie Minton, dean of K-State's College of Agriculture, will provide opening remarks. The conference will also include a "Commissioners' Chat" with CFTC Commissioners Kristin JohnRomero, Summer Mersinger, and Caroline Pham.

The conference attendees will hear from experts on:

evolving The agricultural risk management landscape and its impact on Futures **Commission Merchants** and their customers;

Uncovering and prosecuting illegal conduct in cash commodity markets;

The lifecycle of



many times before, the These ladies and gentlemen were elected to serve on the Kansas Angus Association board of directors and are pictured at the 2024 Kansas Angus Association

Cutting-edge and behind-the-curtain issues concerning governmental data and information;

**Opportunities** latest developand

ments involving voluntary carbon markets; and

Current derivatives-related hot topics facing the livestock industry.



Kelsey Theis, Leavenworth, left, received the Kenneth and Lorene Moore Memorial scholarship at the 2024 Kansas Angus Association Annual Meeting and Banquet, Jan. 20 in Hutchinson. Pictured presenting the award is Brenna Wulfkuhle, Kansas Angus Auxiliary scholarship chairperson, right.

Photo by Anne Lampe, Kansas Angus Association



Annual Meeting and Banquet, Jan. 20 in Hutchinson. Officers pictured front row from left are Lynne Hinrichsen, Westmoreland, president; Cash Schilling, Goodland, vice president; Anne Lampe, Scott City, secretary/manager; and Stephanie Dickerson, Paradise, treasurer. Pictured back row from left are Clinton Laflin, Russell, director; Elizabeth Perkins, Lorraine, director; and Darin Huck, Dodge City, past president. Photo by Kansas Angus Association

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#### Grass & Grain, March 19, 2024 Page 20 changes aid in winter wildfire recovery LAP

USDA recently announced changes to the Emergency Livestock Assistance Program (ELAP) that provide additional assistance to producers who suffer wildfire losses of stockpiled forage during the winter months. Previously, ELAP covered only the normal grazing season in Kansas. For 2024 and subsequent program years, ELAP policy has been updated to extend the normal grazing season to 365 days per year for perennial forages only.

Sen. Roger Marshall led the charge for this change, working with Sens. John Hoeven of North Dakota and Jon Tester from Montana in 2023 to add language to the Livestock Disaster Relief Act that would ensure future losses of the same nature are covered under ELAP. Farm Service Agency (FSA) administrator Zach Ducheneaux also was instrumental in securing this update to the program.

USDA confirmed with Marshall this change retroactively will help Kansas producers who suffered losses during the Four County Fire in December 2021, which burned 163,000 acres and destroyed winter pasture in use.

Officials with the state FSA office are working to establish guidance regarding the changes. Producers can expect to hear more on the revisions made to ELAP from FSA in the coming days.

# Saving the herd during drought with milo grazing

Missouri cattle producer John Chamberlin didn't want to sell his cows when drought lingered and hay supplies and forages dwindled last vear.

With more than 600 head of Angus cows, Chamberlin looked to the internet for ideas.

A University of Missouri Extension video on the benefits of grazing standing milo intrigued him. He called the vid-

eo's creator, agronomist Rusty Lee in Montgomery County, to learn more. With the help of Pettis County live-



stock specialist Gene Schmitz, they set up one-on-one Zoom training for Chamberlin at the MU Extension Center in Pettis County.

In spite of the drought, Chamberlin grew 115 acres of milo that made 80 to 90 bushels per acre. Lee and Schmitz then visited Chamberlin's Henry County farm to see his operation, assess the grain yield and make recommendations on carrying capacity and daily allocation area size.

Lee, a longtime proponent of grazing of standing milo, wanted to help Chamberlin implement the alternative feeding plan that has worked for nearly a decade on Lee's own farm and others in east-central Missouri

Chamberlin was ready to take a leap of faith. "I have no feed," he told them. "If this milo thing doesn't work, I'm going to have to sell cows.'

His gamble paid off. Milo's drought resistance and low cost

**Production Sale** Sunday

1:00 p.m.

75/54 Highway

make it a good option, especially when hay is scarce and expensive. It also solves the challenge of making hay in May, the month typically with the most rainfall. No longer do you have to worry about curing hay when there are clouds in the sky. "You just sit there and watch your milo grow,' says Lee.

Milo does best for grain production when planted May to early June. Planting can follow winter wheat, but Lee recommends allowing the full growing season. Using poly wire electric fencing, the producer moves cows daily to a fresh paddock. Lee describes it as "taking the cows to the feed rather than taking the feed to the cows.

Producers also see another benefit. The herd's urine and manure retain soil nutrients taken up by the plants, so the nutrients are not exported off the farm as bushels of grain.

Lee gives some math lessons in milo. An average milo yield of 120 bushels per acre is 6,720 pounds of grain. Taking into consideration the observed feeding losses of 25% as the cattle graze, that leaves 5,040 pounds per acre into the mouths of cows. Allocating 12 pounds of grain per cow per day yields a carrying capacity of 420 cow days per acre.

Waiting two weeks after the fall killing



frost before grazing avoids prussic acid Typically, concerns. a Nov. 1 start allows grazing all winter until the planted acres are consumed. While it is possible to graze milo until spring green-up of pastures, March winds combined with deteriorating stalk strength make it a good idea to conclude milo grazing by Valentine's Day.

Chamberlin says cows adjust to moving to a new paddock each morning. They are ready and waiting for their owner to move the poly wire at daybreak. Cows with a "healthy respect" for electric fence do best in this setup, says Lee.

Chamberlin says the process is remarkably short – 20 minutes. That's far less time than he would spend putting hay into rings or rolling it out on the ground.

Infrastructure needs such as water and fencing for rotational grazing remain, and fields may require some spring discing after cattle trample them. Milo shows little disease pressure in most of the state, although southwestern Missouri has seen some aphids.

forage Composite tests of all plant parts consumed show total digestible nutrient values of 73%-75% and crude protein of 7%. That is adequate energy, but requires protein supplementation, says Lee. Various commodity feeds like soybean meal or high-quality

hay can provide this. Chamberlin said he moved cows off milo to shelter and fed them hay during extreme cold spells this winter.

At the end of the season, Chamberlin found that he got 375 cow days per acre on the 115 acres of milo he planted. Lee estimated yield between 80 and 90 bushels per acre.

"Milo grazing is economical compared to buying hay, especially this year," says Cham-berlin. "It's always going to be a part of my program." His only regret is that he didn't plant more milo this year. In spring, he plans to broadcast a mix of cover crop seeds before planting milo again.

"It was a home run for me," he says. Chamberlin says milo grazing saved him from buying 1,400 bales of hay this winter. Hay sold on the low end this year at \$65 for a big bale, which would have cost \$91,000. On the higher end, at \$125 per bale, that's a savings of \$175,000 for his herd. He also saved time and labor.

That's why milo grazing is a practice you can bank on, says Lee. "He's really putting money in his pocket.'

Lee gives these tips for planting milo for grazing:

• Wait until soil temperatures reach 60 degrees or more to plant.

• Don't plant too thick. Your goal is to grow grain, not forage.

• Use a pre-emergent herbicide for weed control. Once weeds emerge in milo, they are difficult to control.

plan in place. A split application of 120-150 pounds of nitrogen does well. Test soil for phosphorus and potassium

graze to the dirt. Ideally, cows eat to about 18 inches of stalk residue

# Lance Rezac elected Chair of U.S. Soybean Export Council

During its annual meeting held recently in Houston, the U.S. Soybean Export Council seated its new Board of Directors for 2024/2025, in advance of Commodity Classic, America's largest farmer-led and farmer-focused agricultural event.

USSEC's board comprises 15 members of various stakeholders across the U.S. Soy value chain. Four members each are from the American Soybean Association (ASA) and the United Soybean Board (USB), and seven seats represent U.S. Soy trade, industry and state organizations.

Lance Rezac, a farmer from Onaga, and USB representative on the board, was elected chair for a 12-month term. Rezac and his wife grow soybeans, corn, wheat, alfalfa, native hay, brome, and hay. Additionally, he runs a farrow-to-finish

During its annual swine operation and eeting held recentin Houston, the U.S. his brother, son and ybean Export Council daughter.

> "I'm honored to serve the 500,000+ U.S. soybean farmers in this capacity, working to help differentiate the quality and value of U.S. Soy from other nutrition and energy products in international export markets while collaborating with partners across the value chain," Rezac shares. "Being a part of the USSEC leadership and seeing the work that's done globally on behalf of U.S. Soy is not only humbling but demonstrates the importance of continuing to grow and consistently provide a high quality, sustainable source of soybeans to buyers around the world."

Below is the complete list of the newly elected USSEC Board of Directors for 2024/2025. Executive Committee Lance Rezac, Chair Janna Fritz, Vice Chair

Joel Schreurs, Secretary

John Buboltz, Treasurer

ASA Appointments

Janna Fritz, Bad Axe, Mich. Mike Koehne,

Mike Koehne, Greensburg, Ind. Randy Miller, Laco-

na, Iowa Roberta Simpson-

Dolbeare, Nebo, Ill.

USB Appointments Mike McCranie, Claremont, S.D.

Cindy Pulskamp, Hillsboro, N.D.

Lance Rezac, Onaga Reggie Strickland, Mount Olive, N.C.

Allied Sub-Class

Joel Schreurs, Minnesota Soybean Research and Promotion Council

Tori Sorensen, Insta-Pro

**Exporter Sub-Class** John Buboltz, Cargill Tony Hill, Archer Daniels Midland



Chris and Sharee Sankey, Sankeys 6N Ranch, Council Grove, were presented with the 2023 Kansas Angus Association Honorary Member award at the 2024 Kansas Angus Association Annual Meeting and Banquet, Jan. 20 in Hutchinson. Pictured from left are Stuart Rose, committee member, presenting; Chris & Sharee Sankey, recipients; and Brandon New, committee member, presenting.

Photo by Anne Lampe, Kansas Angus Association



Shawn Hulm, Viterra Craig Pietig, Ag Processing, Inc.

Scott Sinner, SB&B Foods, LLC

"The depth and diversity of the collective USSEC Board of Directors showcases the value and significance of U.S. Soy," says Jim Sutter, USSEC chief executive officer. "U.S. Soy exports added \$39.8 billion to the U.S. economy last marketing year with record U.S. soybean meal exports of 13.2 million metric tons (MMT) valued at \$6.91 billion.

"The Board's input and expertise guide our worldwide programs and initiatives, and I look forward to our work together over the next year," Sutter continued.

# Kansas Fairgrounds Foundation hosts Kansas State Fair t-shirt contest

Kansas Fairgrounds Foundation is excited to sponsor their inaugural T-shirt contest for 2024. One lucky winner will be able to showcase their t-shirt design in the Official Kansas State Fair Merchandise Booth in 2024. Anyone and everyone is welcome to enter an original design that shows the artist's creative skills and captures the spirit of the Fair.

The deadline for the contest is March 31, 2024. Once all designs have been received, each will be sent to a selection committee to choose the top five designs. The five designs will be made available on the Kansas Fairgrounds Foundation's Facebook page for the public to vote on. The design that receives the most votes wins. The winner will be announced in the May First Friday E-Update on May 3, 2024.

The winning design will be produced and sold at the Official Kansas State Fair Merchandise Booth and the top three vote recipients will receive a special Kansas State Fair prize package provided by the Foundation.

This contest is an excellent opportunity for anyone to display their creativity for all fair-goers to see while supporting improvements to the Kansas State Fairgrounds. Funds from the t-shirt sales will go towards renovation projects to improve our historic Kansas State Fairgrounds.

For more information including contest guidelines and rules, please see the blog post on the Kansas Fairgrounds Foundation website linked below.

https://ksfairgroundsfoundation.org/2024/02/29/ enter-the-2024-kansas-state-fair-t-shirt-contest/

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TUES., MARCH 26 <sup>th</sup>	<ul> <li>40 red/blk st/hfr, 400-500#, w/pc/hr</li> <li>30 blk st/hfr, 400-500#, w/pc/hr</li> <li>60 blk st/hfr, 400-500#, w/pc/hr</li> </ul>			
Expecting 3000 head	• 450 blk/charx st/hfr, 400-600#, oc/fs			
BACK TO GRASS	<ul> <li>100 blk st/hfr, 450-600#, w/pc/hr</li> <li>63 red st/hfr, 450-625#, w/pc/hr</li> </ul>			
<b>Start Time 10:00 A.M Cows</b> • 16 charx st/hfr, 500-600#, w/pc/hr • 11 charx st/hfr, 500-600#, oc/fs/hr				
10:00 Weigh-ups & Breds • 100 weigh ups	<ul> <li>45 blk st/hfr, 500-600#, w/pc/hr</li> <li>100 blk st/hfr, 500-650#, oc/fs</li> </ul>			
12:30 Stockers - Feeders • 150 blk st/hfr, 350-400#, w/pc/hr	<ul> <li>20 blk st/hfr, 500-650#, w/pc/hr</li> <li>10 blk hfr, 800#, w/pc</li> </ul>			
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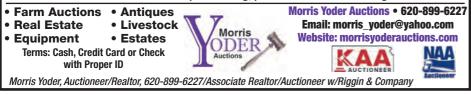




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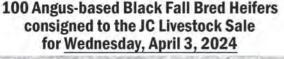
# A 'smart' examination to improve livestock management efficiency

A Texas A&M AgriLife animal nutritionist believes precision livestock management — utilizing an extra set of eyes and ears and a little artificial intelligence — can go a long way toward making today's livestock operations more efficient.

Luis Tedeschi, Ph.D., Texas A&M AgriLife Research Fellow and Chancellor EDGES Fellow in the Texas A&M College of Agriculture and Life Sciences Department of Animal Science, is looking for cost-effective and noninvasive methods of monitoring feeding behaviors in livestock operations that producers can adapt to improve their bottom line – all through alerts on a cell phone or computer.

Texas has about 3 million cattle in feedlots and another 10 million cows, heifers, steers, bulls and calves in different feeding situations annually.

Tedeschi said if the managers of these livestock use modern technological advances or "smart" practices, then the industry can better understand what is happening at the feed bunk and in the pens to make management de-

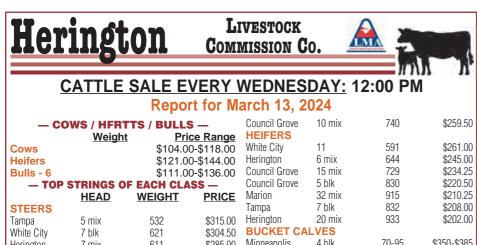




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a precision livestock management system being researched by Luis Tedeschi, Ph.D., in the Texas A&M Department of Animal Science.

cisions accordingly.

Research goals to harness precision livestock farming

Over the next three years, he will create and utilize a precision livestock farming facility at Texas A&M to determine where some of the most significant changes can be made. His research is funded by a U.S. Department of Agriculture National Institute of Food and Agriculture grant: Harnessing Precision Livestock Farming to Support Smart Agriculture for Sustainable Beef Cattle Production.

Tedeschi said his goals with this project are to:

• Make artificial intelligence an invaluable and accessible tool for producers.

• Make production sustainable from an economic, social and environmental perspective.

• Ensure the producers are on top of the cutting-edge and innovative advancements they can utilize to improve their production. • Deliver services leveraging cutting-edge research, sophisticated data analysis and artificial intelligence within a precision livestock farming data framework. This could create opportunities for others to use the technology and create their own business

to assist producers. The project falls under the Research Facilities Act Program approved by Congress in 2023 and will include modifications at the department's Animal Nutritional and Physiology Center. For the next three years, the team will collect data after setting up all the equipment and measuring the system's precision and accuracy.

Texas A&M The AgriLife team from the Department of Animal Science includes Tedeschi, his doctoral student Egleu Mendes; Karun Kaniyamattam, Ph.D., an AgriLife Requantitative search performance animal scientist and assistant professor; and Gordon Carstens, Ph.D., an animal nutrition professor. They are teaming up with the Texas A&M Institute of Data Science, which includes Nick Duffield, director; Jian Tao, assistant director for project development: and Yalong Pi. an associate research scientist.

Can technology help pen riders?

Feed efficiency is a



Photo by Michael Miller/Texas A&M AgriLife aging cutsearch, sodata analyficial intel-Tedeschi said.

"Precision livestock farming is all about getting to know your animals, their needs and what value you can give them," Tedeschi said. "We strive to match the animal's needs to the level of management we are providing and then align that with the kind of performance we are expecting from that animal."

The project's ultimate goal is to integrate data streams related to precision feeding and health monitoring sensors into existing and newly developed decision models to implement real-time management decisions for the livestock feeding industry.

Using sensors, cameras and microphones, the team will collect information about a pen of cattle, such as what percent of the time they are walking, eating, playing, grooming, lying down or getting water. Knowing their behavior can help calculate how much feed they eat and at what time of day.

"Once I know what they are doing, I can calculate a more accurate prediction of how much energy those animals need or how much they are expending," Tedeschi said. "I know that if an animal eats too fast and only once per day, that animal will have digestive problems, and management may require judicious use of antibiotics."

Combining recorded ounds with artificial intelligence can help identify the difference between a cough and a clearing of the throat by a single animal, allowing for early identification of respiratory issues. The cameras can also help identify lameness, bloat and disease or even alert the owner if wildlife is causing issues in the pens.

"We can even collect enough information on the animal to determine when it is ready to go to market," Tedeschi said. "You can determine how many animals in a particular pen are ready to go and when to sell them for the maximum profit. Is that when 70% of a pen is ready or 82% ready? It allows the owner to look at the market to determine when it is most profitable.'

Capitalizing on technology to create sustainability

Tedeschi said the project will allow them to show producers what and how to apply precision livestock farming, what benefits they can obtain, and how to do it.

He envisions a new subscription program could be created for use by any producer to get sensors installed. Then a data science center could accept the information, process it using artificial intelligence modeling, and send critical information back to the producer to assist their decision-making process. This would allow small operators who don't really have the opportunity to invest in extensive technology to also improve their efficiency and be more sustainable.

"This research allows us to keep improving the sustainability of beef cattle operations in Texas," Tedeschi said. "The big idea is to provide the information to everyone - we don't control anything, just provide educational recommendations. We can train people to analyze the data. We can identify issues that happen in different regions or under different market conditions.

"But first, we need to show the livestock producers the possibilities and the opportunities."

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# Time for a trim? K-State veterinarians discuss factors influencing the pace of hoof growth

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

Just as people cut their toenails when they get too long, some beef cattle also need to have their hooves trimmed on occasion to help keep them from going lame, say Kansas State University veterinarians at the Beef Cattle Institute.

Talking on a recent Cattle Chat podcast, the veterinarians answered a listener's question about reasons that the animals in the herd require hoof trims regularly

"In beef cattle operations, cows walking around on the ground, rocks and sand, typically have normal wear that keeps their hooves the length they need to be," said K-State veterinarian Brian Lubbers. "However, sometimes older cows that don't move around much will need to have their hooves trimmed."

Lubbers said if just a few cows out of a hundred need hoof trims, that is considered to be normal.

"If 2% of the herd needs a routine trim, that is to be expected. But if 50% of the herd needs to have their hooves trimmed yearly, then there is likely something else going on," Lubbers said.

One reason for the excess hoof growth may

relate to the cow's diet, said K-State veterinarian Bob Larson.

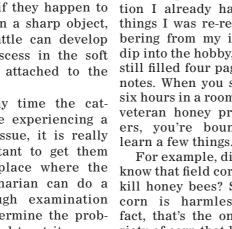
"Cattle eating a high grain diet or ones that are consuming crop residues with substantial amounts of grain can get acidosis, which can lead to hoof problems," Larson said. "Also, there are some minerals that need to be included in the diet to promote healthy hoof growth."

In addition, genetics can play a role in hoof growth, added K-State veterinarian Brad White.

"There is a genetic component to corkscrew claw, which is a claw that turns under the hoof, and those will have to be trimmed regularly," White said.

The environment can also lead to hoof issues, said the veterinarians. For example, they said cattle standing in mud can experience foot rot. Also, if they happen to step on a sharp object, the cattle can develop an abscess in the soft tissue attached to the hoof.

"Any time the cattle are experiencing a hoof issue, it is really important to get them in a place where the veterinarian can do a thorough examination to determine the problem and treat it appropriately," Larson said.



# A Weed by Many Other Names by Kezia Shibler

### **Bee Season**

long month ironically enough, but now March hails the start of what I like to call Bee Season. It's been a couple of years now since I lost my second-year beehive to wax moths, but not a day goes by where I don't miss the activity. In the doom and gloom of winter I had nearly forgotten the season was approaching, but it hit me full force when my sister invited me to tag along to a Bee Boot Camp on a recent weekend. It takes a lot to get me to even consider having to leave the house before 9 a.m. on a Saturday, but bees and sister-time will always do the trick.

One of my favorite aspects of beekeeping is that bees are such intricate creatures, you could spend a lifetime working with them and still learn something new every day. The funny thing is, a lot of what we learned at boot camp was information I already had, or things I was re-remembering from my initial dip into the hobby, but I still filled four pages of notes. When you spend six hours in a room with veteran honey producers, you're bound to

For example, did you know that field corn can kill honey bees? Sweet corn is harmless; in fact, that's the one variety of corn that honey bees actually polli-

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nate, according to the instructor. Field corn, however, is inherently toxic – if a bee so much as touches the pollen from field corn, the systemic pesticides within the pollen will shut down their system. So, if there's a field of corn within the threemile radius that bees will travel in search of food, it can be catastrophic for a colony. In that case, it's no wonder nearly 50% of bee colonies raised in Kansas perish each year. I'll definitely keep that in mind when I start my victory garden, but that's fine by me. Nothing beats sweet corn on a summer day!

Something else I learned is, there are a number of producers around the world working to breed varroa-tolerant and resistant varieties of honev bees. The difference, if you're wondering, is quite interesting - varroa-tolerant seem to live longer when exposed to mites, while varroa- resistant bees can actively prevent them. It was fascinating to hear the speaker describe the way resistant bees seemingly sniff out varroa larvae and cull off cells that contain them. He also discussed his experience working with his own hives and other producers to methodically test, treat, and breed the queens of thriving hives, monitor their experiences with both the successful and

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unsuccessful colonies, and watch the unexpected survivors thrive. He's lost his fair share of hives in the process. as most beekeepers do, but even so, it was incredibly encouraging to hear the possibilities. It also brought back a lot of excitement about keeping bees and got me itching to restart with a new hive.

I may not be the next breakthrough beekeeper, but this is an area I hold a lot of passion for and I'm excited at the possibility of being involved in solving one of the biggest problems for our greatest pollinators, not only for the thrill of the knowledge, but to preserve my ability to keep eating sweet corn, and all of the other plants and flowers that bees allow us to enjoy. They are responsible for over 80% of all pollination and a third of the food we produce, and this picky eater can only eat about a third of that food, so I guess you could say I have a lot invested in their survival. And if you like flowers, watch out - we have bees to thank for the upkeep of 60% of the world's flora. So if you see these little gals in

your garden, bees don't bother them.

It takes 3,000,000 blooms visited to produce a pound of honey, and a single bee will produce only a 1/12th of a teaspoon of that honey it its five-week lifespan. If you'd like to help them, leave your lawn full of dandelions and clover this spring, and research other plants that you can help establish in your area to feed the bees. Every bloom helps - grassy lawns are food deserts for our pollinating friends, so the more flowers and forage they have to visit, the longer they - and we – can survive. Happy Bee Season!

# Addie Haverkamp earns Junior **Bronze and** Silver awards

Addie Haverkamp. Bern, has earned the National Junior Angus Association's Bronze and Silver awards. according to Caitlyn Brandt, events and junior activities director of the American Angus Association® in Saint Joseph, Mo.



February was a

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

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March 16<sup>th</sup> - Sheep/Goat Sale March 19th - Cattle Sale March 26th - Calf/Yearling Special April 2<sup>nd</sup> - Cattle Sale April 9th - Calf/Yearling Special

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#### **COINS:**

- Gold Coins, gold bullion
- Silver coins, silver bullion
- Platinum coins Rare Coins
- Collectible coins Sterling flatware
- Sterling tea sets Old sterling

#### **COLLECTIBLES:**

- Money and notes
- Nautical items and militaria
- Celebrity Autographs
- Sports memorabilia
- Rare books, Early editions welcomed
- Political items of all types
- Antique firearms
- Musical Instruments
- German collectibles
- War memorabilia

### **Rick Landis, Salina** 785-822-8719 Email: ricklandis13@icloud.com

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

MARKET REPORT FOR TUESDAY, MARCH 12, 2024 RECEIPTS: 2,090 CATTLE FOR FULL RESULTS, VISIT OUR WEBSITE: WWW.HOLTONLIVESTOCK.COM

#### STEERS

5 bl

5 blk

16 blk

10 blk

8 blk

3 blk

5 blk bulls Goff

13 mix Morrowville 693@251.00 Weston,MO 404@395.00 12 blk bulls Effingham 719@236.00 30 blk bwf Atchison 423@393.50 Leavenworth 942@189.00 7 blk Rushville,MO 435@390.00 HEIFERS 429@371.00 5 blk Corning 460@338.00 10 blk red Home 376@356.00 9 blk Effingham467@330.00 487@355.00 14 blk bwf red Wetmore 441@330.00 10 blk red Home 15 blk red Home 486@355.00 10 blk char Wheaton 280@327.50 11 blk bwf Wheaton 468@350.00 18 blk Dekalb,MO 446@325.00 26 blk Morrowville 490@347.50 27 blk bwf Wheaton 390@322.50 10 blk bwf Atchison 530@346.00 10 blk Baileyville 394@321.00 19 blk bwf Baileyville 533@341.00 7 blk Dekalb,MO 532@320.00 11 blk red bulls Easton 459@336.00 11 blk Rushville.MO 504@320.00 Rushville,MO 573@331.00 13 blk Sabetha 546@318.00 10 blk bwf Morrill 540@330.00 8 blk & red Morrill 547@300.00 Effingham563@328.00 Wathena573@316.00 Effingham522@297.50 11 blk 16 blk red Home 457@287.50 14 blk Atchison 626@310.00 Morrowville 564@272.50 Effingham 635@270.00 Rushville,MO 621@267.00 25 blk char Sabetha 651@290.00 10 blk 12 blk bwf Enterprise, WV 644@286.00 15 blk 12 blk bwf Rushville,MO 678@280.00 15 blk red Sabetha 607@260.00 17 char blk Havensville 681@280.00 49 mix Morrowville 630@252.00 58 mix Morrowville 622@280.00 36 blk red Enterprise, WV 584@244.00 
 16 blk
 Atchison 699@277.00

 10 blk bwf Morrill
 732@262.00

 42 blk char Havensville 768@260.00
 14 blk Wheaton 769@239.50 Easton 849@231.00 19 blk 12 blk gry Enterprise, WV 754 @ 226.00 31 blk Effingham779@258.00 8 blk bwf holx Leavenworth 897@180.00

#### **SPRING MACHINERY CONSIGNMENT AUCTION:** SATURDAY, APRIL 6, 9 AM \* Harris Real Estate & Auction, LLC

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

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#### Market Report - Sale Date 3-14-24. 823 head.

300-400 lb. steers, \$310-\$371; heifers, \$273-\$321; 400-500 lb. steers, \$301-\$357; heifers, \$280-\$327; 500-600 lb. steers, \$270.50-\$330; heifers, \$260-\$303; 600-700 lb. steers, \$253-\$292.50; heifers, \$211-\$251; 700-800 lb. steers, \$236-\$272; heifers, \$210-\$244.25; 800-900 lb. steers, \$215-\$243.75; heifers, \$200-\$215. Trend on Calves: Mostly higher on uneven test. Trend on Feeder Cattle: Steady to firm. Butcher Cows: High dressing cows \$115-\$134.50; Avg. dressing cows \$106-\$115; Low dressing cows \$70-\$100. Butcher Bulls: Avg. to high dressing bulls \$144-\$151. Trend on Cows & Bulls: \$5-\$10 higher.

#### Some Highlights Include:

	HEIFERS	ST	EERS
5 blk	396@281.00	7 mix	361@371.00
5 blk	408@327.00	18 mix bulls	431@309.00
8 mix	464@291.00	9 blk	467@333.00
4 blk	501@303.00	5 blk	491@352.00
7 mix	549@275.00	8 mix	598@317.00
15 mix	590@260.00	64 mix	662@288.50
4 blk	691@241.00	17 blk	745@256.00
70 mix	714@244.25	64 mix 59 char x	825@243.75 830@243.00
8 char	760@221.00	58 blk	880@233.25

#### Next Sale: THURSDAY, MARCH 21, 2024

**Upcoming Dates to Remember!** In addition to our weekly Thursday sales... SATURDAY APRIL 13TH - SPECIAL COW SALE SATURDAY MAY 4TH - HORSE SALE GO TO OUR WEBSITE FOR DAILY CONSIGNMENT UPDATES 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

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Kyle Criger	Brandon Fredrick
Fieldman	Fieldman
(620) 330-3300	(620) 204-0841

Cattle Sale Every Thursday 11:00 AM

#### Grass & Grain, March 19, 2024 Page 24 Enhanced swine traceability resolution adopted at National Pork Industry Forum

U.S. pork producers recently approved a resolution to enhance the country's live swine traceability system during the 2024 National Pork Industry Forum hosted by the National Pork Producers Council (NPPC).

"Traceability is a priority for the industry and has been for decades," said Lori Stevermer, incoming NPPC president and Minnesota pork producer. "These standards will improve our ability to **Rapid start** 

control the spread of a foreign animal disease and lessen the economic impact of an outbreak should one occur."

In 2022, a producer-led task force brought together stakeholders throughout the pork supply chain to identify and address current gaps in the live swine traceability system. This task force offered a series of comment periods for producers to provide input on the enhanced stan-

dards. That process resulted in the following recommendations:

. All swine owners would need to register for a premises identification number (PIN).

High-risk swine ٠ (from a traceability perspective), including cull breeding stock and show/exhibition stock, would be required to be tagged with an AIN (animal identification number) RFID (radio frequency) tag.

would be asked to record consistent data points, including PIN of origin, PIN of destination, date of movement, animal type, and any official identification that is present. Producers would be asked to record this data electronically within three business days.

• Movement data would be reported to a centralized database following the detection of a trade-limiting disease.

Semen would

require a label with the PIN of the source herd.

Cull markets packing plants and would use tattoo numbers unique to each facility.

"Industry delegates at Pork Forum took a proactive step to protect animal health and producers' livelihoods. An outbreak of a foreign animal disease in the United States, such as African swine fever or foot-and-mouth disease, would result in the immediate suspen-

pects 2024 to be anoth-

er challenging year in

terms of beef supply

availability, the upward

trend in export value

is a positive sign,"

Halstrom said. "The

inventory has been

cleared and customers

in Asia are reloading

on U.S. beef. There is

also more optimism in

Asia's foodservice sec-

tor, especially in Korea.

Combined with the re-

cent strength we've

seen in the Western

Hemisphere, this bodes

well for beef demand

in the coming year. Jan-

uary was also an ex-

cellent month for beef

variety meat exports.

which are especially

important for maximiz-

sion of pork exports from the U.S., which totaled over \$8.2 billion in pork and pork products last year." said Scott Hays, NPPC president.

The approved standards will be submitted to the U.S. Department of Agriculture for inclusion in the regulations mandating live swine traceability. To view the enhanced standards or learn more, visit nppc.org/ trace.

#### Producers ٠ for 2024 pork exports; beef export

U.S. pork exports raced to a great start in 2024, according to January data released by USDA and compiled by the U.S. Meat Export Federation (USMEF). While January beef exports were slightly below last year's volume, export value trended significantly higher. Lamb exports were also strong in January, posting the highest value in more than nations. With momenfour years.

Strong gains for U.S. pork in Mexico, Korea, Central and South America, Australia

Although January pork exports were led by another powerful performance in leading market Mexico, U.S. pork continued to make gains in a wide range of Western Hemisphere and Asia-Pacific desti-

ESTATE AUCTION<sup>\*</sup>

SUNDAY, APRIL 14, 2024 \* 1:00 PM 500 E. SALINE - LINDSBORG, KANSAS

1990 Ford F-150, 42" Cub Cadet riding mower, 42" Troy Bilt riding mower, Maytag washer, Kenmore dryer, Chest freezer, Furniture, Artwork, Power tools, Hand tools, Garden tools & much more!

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tum continuing to grow in South Korea, Central and South America, Australia and Malaysia, pork exports totaled 251,424 metric tons (mt) in January, up 6% from a year ago. Export value also increased 6% to \$682.1 million.

"Mexico's demand for U.S. pork is so spectacular that it tends to overshadow other great success stories," said USMEF president and CEO Dan Halstrom. "It is especially gratifying to see other markets following the trail blazed by Mexico, as purchases expand bevond raw material for further processing to include center-of-the-

#### plate cuts, including loins, which are gaining popularity at retail and

foodservice." Beef export value higher than a year ago, led by strong variety meat results

January beef exports totaled 99,764 mt, down 1% from a year ago. But export value climbed 9% to \$763.8 million, as value trended higher year-over-year to South Korea, Japan, Mexico, Canada, Central America, the Caribbean and Hong Kong. Beef variety meat exports increased 12% from a year ago to 23,138 mt, while value climbed 16% to \$89 million, led by growth in Japan, Egypt, Mexico, Korea, Peru and China/ Hong Kong.

#### value above year-ago "While USMEF exanimal."

Lamb exports largest in ten months; value highest since 2019

January exports of U.S. lamb totaled 303 mt, up 28% from a year ago and the largest since March. Export value increased 53% to \$1.7 million, the highest monthly value since December 2019. Export growth was led by the Caribbean and Canada. while exports to Mexico also increased yearover-vear in value.

A detailed summary of the January export results for U.S. beef, pork and lamb, including market-specific highlights, is available from the USMEF website.

# SATURDAY, MARCH 23, 2024 — 10:00 AM 1473 S. 3000 Road \* HERINGTON, KANSAS

S 3000 Rd to the auction site. WATCH FOR SIGNS.

TRACTOR & TOOLS: JD 4020 with Allied 580 loader, diesel Syncro-Range; dual hyds, 3pt, cab, 9,666 hrs: AC D-17, wide front, 3pt. live power; Craftsman 10 inch radial arm saw; car towing dolly; 6'x4' lawn trailer: Craftsman 1000 lawn tractor; cement mixer; 300 gallon fuel tank & stand; hand tools of all kinds: 8 ft. aluminum ramps: small aluminum extension ladder; DeWalt saws all; small air compressor; battery charger; Lincoln 225 welder; 10" miter saw; saw guides; tiller; several chainsaws; organizers; large vise; various power tools; tap & die set; bench top drill press; tire tools; wood working tools; hand tools of all kinds.

For more info go to: hallgrenauctions.net Terms: Cash or Good Check, Not Responsible for Accidents, Statements made day of auction take precedence over printed material

**COLLECTIBLES:** Oak tele-phone; painted kitchen cabinet; pump jack; large soap kettle on stand, cracked; old windows; steel wheels; Home Interiors farm & ranch prints; JD sewing machine; guitar; 33 records; deer mount: hav knife: bee smoker: license plates; metal implement seat; several belt buckles & jewelrv: brass iewelrv box: Rock Island belt buckle & key chain; men's watches & rings; Bill Clinton watch; bolo ties; various prints; JD toy tractor; nail keg wood boxes & pulleys; M&M tool box; JD steering wheel hand crank bench grinder; Tomco metal seed sign; cream can; Purina chicken feeder; Purina clothes pin bag; various primitives

**DUANE W. BIEHLER TRUST** 

**GREG HALLGREN** 

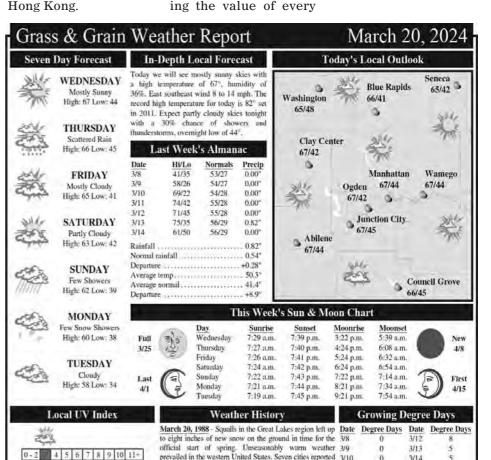
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FURNITURE & MISC .: Vintage walnut bedroom set: Hot Point refrigerator; Amana electric range; metal patio set with umbrella; Homi flat screen TV 40"; maple platform rocker; oversized lift chair vibrates & heat, good; pine bedroom set; blonde oak bdr set; 1970's oak secretary; corner computer desk: sofa sleeper: rocker: end tables; TV stand; Heat Surge electric fireplace; wicker rocker; oak bedroom set: Consollett sewing machine; Emeril Lagasse air fryer, new; Winguard RV antenna; various glassware; numerous kitchen items; fishing poles & tackle; 6"x4" beams from the Delavan depot

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DIRECTIONS: 2 miles east of Herington on Hwy 56 to S 3000 Rd. North ¼ mile on

S	01	l	A	t		St	1		Ma	n	us
	Sell Or Buy	Cat	ttle	By Auction		STARTING 10:30 AI		Tue	sday	S	
of home raise demand at ste and heifers so were steady to STEER & BU B blk bulls blk bulls blk strs blk/bwf strs blk/bwf strs blk/bwf strs blk/bwf strs blk/bwf strs blk/bwf strs blk/char strs blk/bwf strs blk/char strs blk/bwf strs	ad steer and he         ady to \$20.00         bid steady to \$1         o \$10.00 highe         JLL CALVES         363 @ 400.00         390 @ 395.00         402 @ 394.00         365 @ 390.00         348 @ 387.50         428 @ 383.00         445 @ 369.00         359 @ 365.00         545 @ 360.00         498 @ 357.00         528 @ 352.00         516 @ 347.00         528 @ 352.00         516 @ 344.50         496 @ 340.00         481 @ 332.50         443 @ 325.00         507 @ 295.00         491 @ 290.00         SEDER STEERS         555 @ 337.00         589 @ 334.00         589 @ 334.00         563 @ 319.50	ifer calves that higher prices. 10.00 higher. C r. 19 blk/red strs 16 blk/char strs 10 blk strs 9 blk/red strs 7 blk strs 6 blk/bwf strs 27 blk/bwf strs 27 blk/bwf strs 51 blk/char strs 52 blk/red strs 51 blk/char strs 58 blk/red strs 51 blk/char strs 58 blk/bwf strs 62 blk/bwf strs 61 blk/red strs 30 mix strs 64 blk/red strs 30 mix strs 61 mix strs 61 mix strs 61 mix strs 60 mix strs 60 mix strs 70 blk/red strs 71 blk/red strs 71 blk/red strs 72 blk/red strs 73 blk/red strs 73 blk/red strs 74 blk/bwf strs 75 blk/red strs 76 blk/red strs 76 blk/red strs 76 blk/red strs 76 blk/red strs 76 blk/red strs 77 blk strs 77 blk strs 70 blk/red strs 70 blk	Cows and bulls           684         © 290.00           711         © 285.00           718         © 285.00           718         © 285.00           712         © 279.00           696         © 277.00           607         © 270.00           737         © 269.50           716         © 248.00           827         © 248.00           827         © 248.00           842         © 230.25           864         © 228.50           890         © 227.25           916         © 224.25           834         © 222.75           936         © 222.00           966         © 220.00           950         © 212.50           950         © 212.50	4 blk/char hfrs 7 blk hfrs 3 bwf hfrs 7 blk hfrs 4 blk hfrs 7 blk/bwf hfrs 9 blk hfrs 14 blk/red hfrs 14 blk/red hfrs 4 blk/bwf hfrs 6 blk/bwf hfrs 6 blk/red hfrs 3 blk hfrs 6 blk/red hfrs 13 blk hfrs 90 blk/bwf hfrs 13 blk hfrs 13 blk/bwf hfrs 13 blk/bwf hfrs 13 blk/bwf hfrs 13 blk/bwf hfrs 13 blk/bwf hfrs 13 blk/bwf hfrs 5 blk hfrs 16 blk hfrs 5 blk hfrs 16 blk hfrs 16 blk hfrs 17 blk/bwf hfrs 17 blk/bwf hfrs 18 blk/bwf hfrs 19 blk/bwf hfrs 10 blk/char hfrs 10 blk/char hfrs 17 blk/bwf hfrs 10 blk/char hfrs 17 blk/bwf hfrs 10 blk/char hfrs 17 blk/bwf hfrs 10 blk/char hfrs 17 blk/bwf hfrs 13 blk/bwf hfrs 13 blk/bwf hfrs 14 blk/bwf hfrs 15 blk/bwf hfrs 15 blk/bwf hfrs 15 blk/bwf hfrs 15 blk/bwf hfrs	316 @ 342.00 366 @ 341.00 492 @ 322.00 300 @ 313.00 505 @ 313.00 365 @ 310.00 485 @ 301.00 424 @ 300.00 524 @ 300.00 534 @ 295.00 484 @ 290.00 439 @ 280.00 491 @ 277.00 530 @ 270.00 529 @ 265.00 628 @ 289.75 591 @ 278.00 621 @ 272.00 628 @ 289.75 591 @ 278.00 621 @ 272.00 633 @ 245.00 702 @ 235.00 648 @ 233.00 714 @ 231.00 784 @ 225.00 786 @ 221.50 786 @ 221.50 773 @ 220.50	1 blk hfrt 1 bwf hfrt 1 bwf hfrt 1 blk hfrt 1 blk hfrt 1 blk hfrt 1 blk cow 2 blk/bwf cows 1 blk cow 2 blk/bwf cows 1 blk cow 2 blk cows 1 blk cow 2 blk cows 3 blk cow 2 blk cows 3 blk cow 2 blk cows 1 blk cow 1 blk cow	791 @ 220.50 885 @ 218.25 844 @ 215.50 832 @ 212.50 1065 @ 190.00 1110 @ 187.00 915 @ 182.50 770 @ 180.00 1375 @ 170.00 1375 @ 170.00 1375 @ 136.00 1640 @ 135.00 1640 @ 135.00 1520 @ 133.00 1640 @ 132.00 1533 @ 131.00 1265 @ 120.00 1417 @ 126.50 1665 @ 127.50 1595 @ 127.00 1443 @ 125.00 1443 @ 125.00 1443 @ 125.00 1260 @ 124.00 1443 @ 125.00 1235 @ 122.00 1725 @ 121.00 1645 @ 120.00 1172 @ 119.50 1380 @ 119.00 1253 @ 118.00	1 red cow 3 bwf cows 1 bwf cow 3 blk cows 3 blk cows 3 blk cow 1 bwf cow 1 bwf cow 1 bwf cow 1 bwf cow 1 bwf cow 1 bwf cow 2 00NSIGNI • 30 blk s • 37 blk s • 30 blk s • 59 blk s • 65 blk reference • 65 blk re	trs & hfrs, 450 trs & hfrs, 450 trs & hfrs, 500	1 red cow 1 bwf cow 1 blk cow 1 blk cow 1 blk bull 1 blk bull 550 lbs., -550 lbs., -600 lbs., -775 lbs. s, 825-85	vaccinated vaccinated weaned, vacc.
blk/bwf strs 7 blk/bwf strs 3 blk/bwf strs	590 @ 318.00 668 @ 306.00 628 @ 294.00	1 bwf hfr 1 bwf hfr 15 blk/red hrs	250 @ 362.50 315 @ 360.00 399 @ 359.00	Watch our	Auctions L	VE on DVAu			bred steers, 90		5.

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