Regenerative Ranching workshop to be held March 27-28 at SAVE Farm in Riley

it be the secret to success for Kansas ranchers? The SAVE Farm is excited to announce a two-day Regenerative Ranching workshop March 27-28, 2024 in Riley at The SAVE Farm. A few of the topics to be discussed include: soil health basics. management of intensive grazing, ranching economics. and much more.

The Regenerative Ranching workshop is a brand-new course for Kansas ranchers, led by Dale Strickler and

Soil health: could Dr. Elizabeth Heilman. Dale is a Kansas farmer and rancher with a master's degree in agronomy from Kansas State University. He taught college for 15 years and now works as an agronomist, specializing in cover cropping and grazing strategies to build soil health.

Dr. Heilman works for Regenerative Wisdom and is also a professor at Wichita State University. With three decades of expertise in soil science, agronomy, and civic education. The workshop

will cover maximizing production health economics, how ecosystems work, grazing system program development. animal health, and equally important, how to develop and maintain grit and resilience in these tough times.

This dynamic course includes seven modules and is designed to meet the needs of ranchers at multiple education and experience levels.

Module 1. Soil Health Basics: Make up of soils, soil fertility, soil water relationships, conservation, and management.

Module 2. Livestock: back up. Breeding, gestation. birthing, nutrition, animal health and obtaining financing and ownership structure. Determining your carrying capacity and proper stocking rate. How animals digest forage. Keeping animals healthy without chemistry. Grass finishing meat.

Module 3. Grit: Developing grit and personal resilience for the tough times ahead. It's not how many times you get knocked down, it's how many times you get

Module 4. Ranching economics: Where does

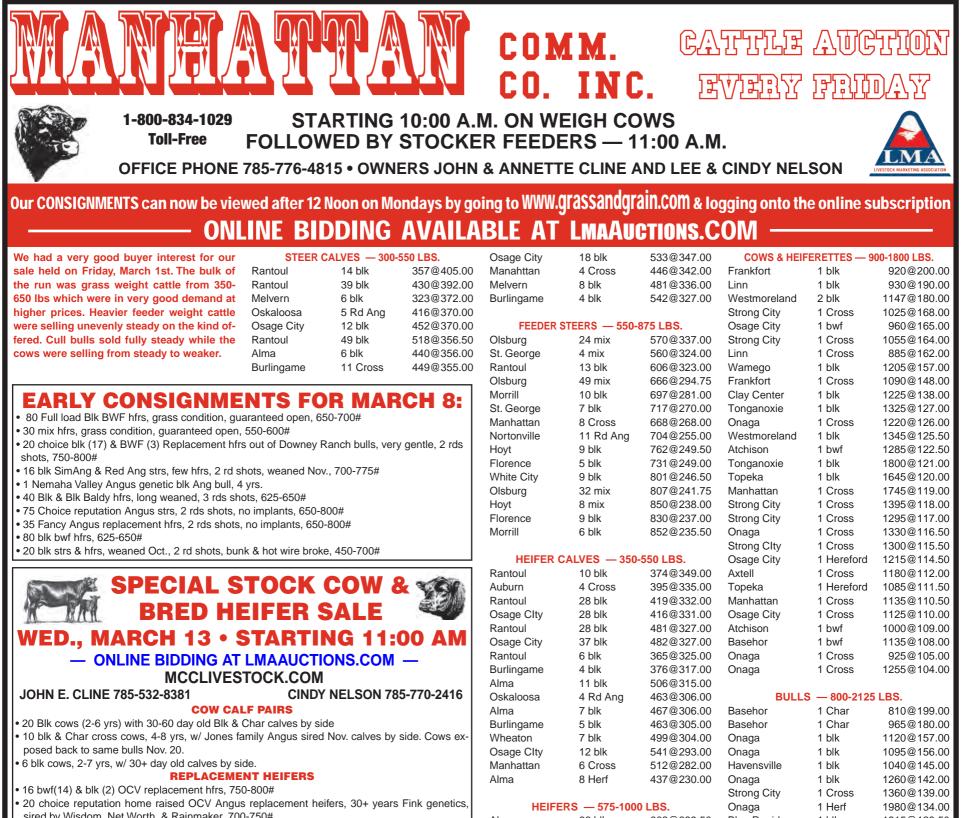
my money go and how not to grow broke. Module 5. Ecosystems: How they work and harnessing all of the free inputs provid-

ed by nature. Module 6. Grazing systems: Management of intensive grazing. Develop a yearlong grazing program.

Module 7. Fencing and Water Development: Dealing with weather uncertainties, drought, mud, flood, fire, and snow.

Registration is \$30 per day for each individual (lunch is included both days with your registration fee), and limited scholarships are available for beginning farmers, ranchers, specialty crop growers, and veterans. We ask that all attendees please RSVP in advance so they can have an accurate meal count. To register or for questions, please contact Mary: mary@kglc.org or 785-562-8726. Or contact Colin: colin.kingston@ savefarm.org or 785-775-1212.

Page 13



- sired by Wisdom, Net Worth, & Rainmaker, 700-750#
- 15 choice blk & BWF replacement hfrs, wean. Nov. 1. 2 rds shots plus breeding shots, 700-750#
- 30 Fancy Red Ang OCV replacement hfrs, trac scored, all breeding shots, 750-825#

1ST CALF HEIFER PAIRS

- 20 Big fancy gentle blk 1st calf heifer pairs. Jan./early February Calves sired by high growth low birth weight angus bulls. Calves have had Enforce 3/Black leg and banded. Heifers have had Synthetic and Cydectin wormer and Triangle 10 plus VL5.
- 8 BWF 1st calf hfrs with Angus sired Jan. calves by side, Hfrs & calves worked
- 30 big Blk 1st calf hfrs with 30 to 60 day calves by side. Calves all worked.
- 10 Fancy gentle Blk 1st calf OCV hfrs with 35-60 day, mostly AI sired calves by Tehama Tahoe Blk Angus bull. Calves & hfrs have had all shots/ grass ready.
- 36 blk, Big gentle first calf OCV heifer pairs with Cline and Nemaha Valley Angus 30-60 day sired calves. Both heifers and calves will be worked and ready for grass.
- 10 Gentle Angus 1st calf OCV heifer with 45 to 50 day old calves by side. Calves sired by Genex Spectrum with EPD for carcass traits - WW - 78, YW - 138, CW - 74, \$B - \$326. Heifers poured with Inhibitor on 2/13/24, given Triangle 10 with VL5. Calves given Inforce 3 and Vision 7, steer calves knife cut, yellow tags in heifers, orange tags in steers

BRED COWS

- 80 mostly blk & blk Baldy Fall calving cows, 3-5 yrs, bred Ang & SimAng bulls for Sept. calving. All Fall shots & wormed.
- 45 blk, few Red cows, running ages, bred to Valley Oaks Angus bulls, calving now.
- 11 blk, 3 yrs, LBW Dalebanks bull turned in Nov. 1 for 60 days.
- 60 blk BWF Fall calving Cows (3 to 5 yrs) bred Angus
- 9 blk Cows (3 to 5 yrs) bred Blk for April-May calving.
- 20 blk BWF Cows (3 to 5 yrs) bred Jones Family Angus bulls for March-April calving.
- 42 mostly Blk, few Blk Baldy Cows (3 yrs & older) Lyons Blk Angus bulls turned in July 1 for April-May calving
- 30 blk & bwf cows, 4 yrs SS, bred to Ang bulls due to start calving last week of March. **BULLS**

CLINE CATTLE CO SPRING PRODUCTION SALE **12:00 NOON AT MANHATTAN COMMISSION**

In conjunction with our Stock Cow & Bred Heifer Sale

FEATURING:

• (23) 18-mo. old (14) Angus & (9) SimAng bulls. (10) home raised Ang & SimAng 1st calf fhrs bred to LBW Ang bulls, to start calving Aug. 25 for 45 dy calving period.

HEIFE	RS — 575-100	DO LBS.	Onaga	1 Herf	19	80@134.00
Alma	66 blk	602@283.50	Blue Rapids	1 blk	19	15@129.50
Dwight	81 blk	645@272.50	Blue Rapids	1 blk	21	05@128.00
Frankfort	6 blk	592@270.00	Billings	1 blk	19	65@120.50
Manhattan	5 Cross	606@262.00	Wheaton	1 blk	16	55@112.50
St. George	5 blk	641@256.00				
Hoyt	6 blk	718@235.00	BRED CO	WS & 1ST C	ALF HE	IFERS
Manhattan	4 Cross	718@228.00		AG	E MO	
Leavenworth	4 blk	991@193.00	Seneca	12 blk 2	6-8	@2475.00
Alma	4 Herf	620@180.00				

EARLY CONSIGNMENTS FOR MARCH 15:

- 8 choice reputation Herf OCV replacement hfrs, 775-800#
- 36 Red Angus strs & hfrs, 1 rd shots, bunk broke, worked, Blackleg BRV, 400-500#
- 15 SimAngus strs & hfrs, weaned 35 days, 2 rds shots including Bovishield Gold 5, UltraBac 7, Somnus, Pasturella, Pour On, 500-550#
- 40 blk strs & hfrs, 2 rds shots, weaned 45 days, bunk broke, 500-650#
- 50 homeraised blk strs & hfrs, long weaned, 2 rd shots, bunk broke, 650-850#
- 32 blk strs (28) and hfrs (4), long weaned, shots, 500-600#
- 58 choice blk strs & hfrs, weaned Oct. 15, 2 rds shots, green, 500-600#

EARLY CONSIGNMENTS FOR MARCH 22

- 69 blk Nebraska origin OCV replacement hfrs, 750-800#
- 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#



IN CONJUNCTION WITH OUR REGULAR SALE FEATURING: 400 BLK ANGUS, RED ANGUS, BWF & HEREFORD OCV REPLACEMENT HEIFERS.

PLEASE CALL TO CONSIGN YOUR CATTLE!

Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM 2024: March 13 • April 10 • May 1

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

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ONAGA		ALMA		MANHATTAN		LINN		BURNS
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Cell: 785-532-8381		Cell: 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: 785-410-501	1						

Grass & Grain, March 5, 2024 Page 14 K-State releases results of 2023 Crop Performance Tests

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

An annual report that summarizes the success of Kansas' crop harvest indicates that drought and water management were still underlying issues for many Kansas farmers in 2023.

2023 Kansas The Crop Performance Tests are available on- conditions that had ly healthy," she said. er and lost all the gains Lingenfelser said. "The line from the K-State Research and Extension bookstore, or at local Extension offices in Kansas.

Jane Lingenfelser, an assistant agronomist and coordinator of the university's crop performance tests each year, said the 2023 growing season "started with mild, mostly favorable producers cautiously optimistic about good yields after a generally poor wheat crop."

"Drought and water management were still underlying issues for eastern and central Kansas, but there were small but frequent rain events that kept dryland acres satisfied, if not complete"There was actually too much rain in southwest Kansas that at times led to flash flooding and water-logged soils."

Lingenfelser said the growing season "took an abrupt nosedive during a two-week stretch in August," when statewide average temperatures were 7 degrees Fahrenheit higher than normal with almost no precipitation.

"The places in Kansas – mainly southwest and northwest – that had soil water reserves to draw from were less affected, but the central portion of the state that was already limping along in between rain events was devastated." Lingenfelser said.

"After the impressive stretch of heat in August, the temperatures were generally mild again, and precipitation resumed, but many acres of corn and soybeans did not recovfrom the start of the season."

Lingenfelser said grain sorghum and sunflowers were "a little bit better equipped" to handle heat and water stress, but also suffered in the sporadic weather conditions.

"There were pockets of good to great yields of all the spring crops, mainly in southwest and northwest Kansas, but overall in Kansas, it was a sub-par year," Lingenfelser said.

The K-State crop performance testing program provides unbiased information on the performance of varieties grown in the state under a wide range of climatic and management conditions.

"There is a lot of information that comes from testing crops outside of the state or even out of the country where conditions are more favorable, but the best way to really gauge how a variety will do in Kansas is to grow it here," Lingenfelser said.

Even so, she notes, there is great variability within the Sunflower State's borders.

"Kansas is uniquely suited to be both a stress test and a best-case-scenario test in terms of varietal performance, sometimes in areas that are less than 20 miles apart,"

conditions just can't be duplicated with climate and crop growth models, and what works in neighboring states may or may not work here. There was beautiful, lush dryland corn and soybeans in central Kansas in June that was completely devastated by August. There was grain sorghum in Garden City that was fair in June, but was robust and thriving by the end of August."

"Kansas refuses to be predictable."

The most current test results of Kansas crops can be ordered online for sorghum, corn, soybean and sunflower.

"My new favorite quote is 'If you want to mess with a Kansas farmer, move (their operation) 50 miles," Lingenfelser said. "What works best for your neighbor or the nearest Extension center may not work for you, so I encourage everyone to look into as many sources and years of data that they can find, while keeping their own conditions and management practices in mind."

"Kansas will probably continue to be unpredictable, but producers can control what they can control, and their first and possibly most important act of control is what variety they choose to grow."

GRASS & GRAIN Place your Classified Ad **ONLINE** at: grassandgrain.com



35+ GUNS SELL FIRST Guns will be off-site until sale day) Sporting Goods - Fishing Rods/ Fackle; Mahindra 2615 Tractor

SLS; 1989 Ford F250 XLT ext. cab; 1993 Ford F150 4WD ext. cab; 2005 Chevy 1500 single cab; 2002 GMC Sonoma SL oader, Very low hrs; IH Hydro 16x82 BP Flatb I raile 2008 Doo-Little 14' Enclosed Trailer; 1996 Starcraft Journey Fish 170 Boat; HUGE selec tion of Tools & Lawn & Garder Items; Furniture, Household Vintage & Antique, Coins. NOTE: Vehicles, mowers, ATVs all well-maintained & have low miles/hrs.



2024 Spring Production Sale Wednesday, March 13, 2024 @ 12 Noon

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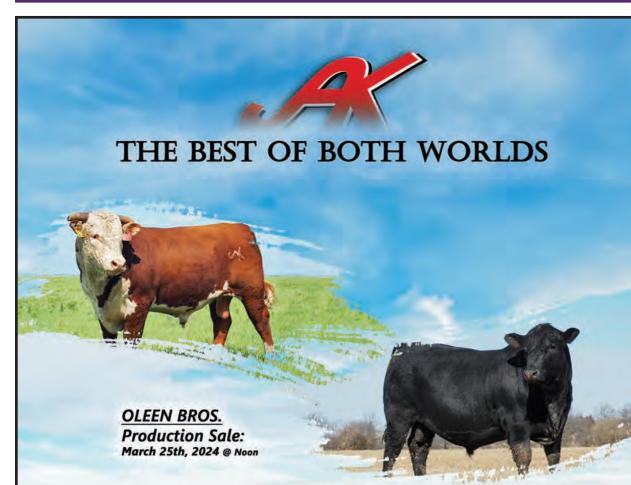






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- 60 Black Angus Fall Yearling Bulls
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- (Black Baldies, Horned Herefords, Black Angus) 110 - Fall Bred Heifers
- (Black Baldies, Horned Herefords, Black Angus)
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84 Tractor; several pieces Farm Machinery; 3 JD Riding Mowers; Bad Boy PS 26 & ExMark Pioneer Zero Turns; Kawasaki KLT 3 Wheeler; 2008 Manco Talon 2x4 ATV; 2001 Cadillac Seville

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ABSOLUTE **Multi-Parcel - Live & Online** LAND AUCTION 104 ± ACRES • RILEY CO, KS

Thursday, March 28, 2024 • 11:00 AM LIVE LOCATION: Pottorf Hall, Cico Park. 1710 Avery Ave, Manhattan, KS ONLINE BIDDING: www.gavelroads.com

LEGAL DESCRIPTION: Tracts of land located in the NW 1/4 and NE 1/4 of 5-11-9E (brief legal)

Tract 1: 47 ± AC | Tract 2: 37 ± AC | Tract 3: 20 ± AC

Pillsbury Crossing, situated on the outskirts of Manhattan, KS, is known for its abundant wildlife, timber, native grass and recreational land. The property borders 57± acres owned by the Kansas Department of Wildlife & Parks, known for fishing, boating, and gathering space. These three tracts each boast special features. Each tract is conducive to a home building site. The parcels are included in the Manhattan Urban Area Comprehensive Plan. Contact **Riley County Planning and Development for the** potential to develop. Awaiting results from the Wabaunsee County RWD for a water feasibility study on each tract.

Directions: From Manhattan, KS, travel 2 miles south on Hwy 177 to Deep Creek Rd. Turn east and travel 5 miles to Pillsbury Crossing Rd. Take Pillsbury Crossing Rd for 2 miles to the three parcels.



Kansas Hay Market Report

Compared to the last report, demand remains light, and grinding alfalfa prices continue to fall. There are still lots of folks wanting to sell grinding alfalfa, but buyers are few and far between. Grass hay is starting to lose its momentum as sales begin to slow and prices begin to soften. The warm weather has everyone turning to the fields applying fertilizers and getting a jump on the 2024 growing season. According to the U.S. Drought Monitor for February 20th, the categorical percent area for abnormally dry conditions (D0) remained near 22%, 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 and ground and delivered alfalfa prices are steady. Grinding alfalfa \$20.00 lower. Alfalfa: Dairy,\$1.35-\$1.45/point RFV. Good, Stock or Dry Cow none reported. Fair/good grinding alfalfa, large rounds\$140.00-\$150.00, large square 3x4's and 4x4's \$155.00-\$165.00. Ground and delivered locally to feed lots and dairies \$210.00-\$220.00. Alfalfa pellets: Sun cured 15 pct protein \$305.00-315.00, 17 pct protein \$310.00-\$320.00. 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 2/18-2/24, 4,429T of grinding alfalfa and 225T of dairy alfalfa was reported bought or sold.

South Central Kansas

Trade activity is slow. Alfalfa pellet, and dairy alfalfa and ground and delivered alfalfa prices are steady. Grinding alfalfa 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\$160.00-\$170.00 delivered, 3x4 and 4x4's \$165.00-\$175.00 delivered. Alfalfa ground and delivered \$190.00-\$200.00. Alfalfa pellets: Sun cured 15 pct protein \$300.00-\$310.00, 17 pct protein \$305.00-\$315.00, 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 2/18-2/24, 5,742.5T of grinding alfalfa and 1,100T of dairy alfalfa was reported bought or sold.

Gov. Kelly announces nearly \$16.5M for short line rail projects to improve agricultural supply chain

Laura Governor Kelly announced recently that nearly \$16.5 million will go toward 17 short line rail expansion and rehabilitation projects. These investments, made through the Kansas Department of Transportation's Rail Service Improvement Program (RSIP), will improve the state's agriculture supply chain.

"These needed rail infrastructure improvements will lift up rural Kansas and, in doing so, will maximize the economic potential of the entire state," Kelly said. "By strengthening agriculture supply chains, my administration is helping our farmers and ranchers connect to regional, national, and international markets."

RSIP recipients will use the funds for expansion and capacity improvements, major track rehabilitation, and rail replacement. These projects support rail improvements that enhance safety, expand than \$39 million in total costs through IKE, the state's 10-year bipartisan transportation program.

"Rail service lessens the number of trucks that would otherwise be on local roads and Kansas highways, which reduces roadway maintenance and rehabilitation needs," Secretary of Transportation Calvin Reed said. "Having different modes of quality transportation strengthens our state and creates new economic development opportunities for Kansas communities."



ONLINE EQUIPMENT AUCTION

FARM & LIVESTOCK EQUIPMENT John Deere 9660 STS Combine • John Deere 8260R IVT Tractor • 2020 Peterbilt Glider 389 • 2020 Wilson Pace Setter trailer • 2002 Freightliner Columbia 120 • MacDon ED-130

Draper Head • Unverferth Header Trailer • Oliver 1600 Tractor • John Deere 630 Tractor • Parker Gravity Wagon • John Deere 7000 Planter • Wil-Rich 3430 Field Cultivator • Case IH 4300

Grass & Grain, March 5, 2024 **Southeast Kansas**

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Trade activity is slow. Dairy alfalfa price is steady, bluestem hay price mostly steady with large squares \$15.00 lower. Brome hay 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 none reported. 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 \$60.00-\$70.00. The week 2/18-2/24, 1,066T of grass hay was reported bought or sold.

Northwest Kansas

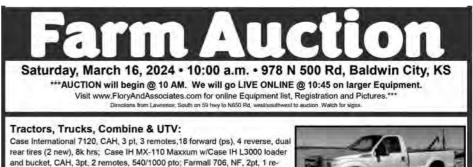
Trade activity is slow. Dairy alfalfa, grinding alfalfa prices are steady. Alfalfa: horse, small squares \$13.25/bale. Dairy, Premium/Supreme\$1.40-\$1.50/ point RFV. Stock cow, good, \$200.00-\$230.00, Alfalfa Good 3x3's \$200.00, Premium 3x3's \$280.00, Fair/good grinding alfalfa: \$180.00-\$200.00.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

North Central-Northeast Kansas

Trade activity is slow. Dairy alfalfa, steady. Grinding alfalfa large rounds steady, large squares 25.00 lower, Ground and delivered \$10.00 lower. Grass hay steady. Alfalfa: Dairy \$1.40-\$1.50/point RFV; Horse hay, premium small squares: none reported; Stock Cow 3x4's none reported; 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 \$180.00-\$190.00. 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 2/18-2/24, 357T of grinding alfalfa and 567T 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 *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.



and bucket, CAH, 3pt, 2 remotes, 540/1000 pto; Farmall 706, NF, 2pt, 1 renote, 540/1000 pto, working TA; Farmall 826 with loader, WF, 3pt, 2 remote 540/1000 pto, working TA; 1942 Farmall H, NF; 2011 F250 Super duty 4X4, 6.2 gas, auto, single cab, running boards, cloth, power windows & locks, AM/ FM/CD, B&W (flip) GN hitch, 50k miles, one owner, 1975 Chevy C-60 366, V8. 4 spd/2 spd axle, 12' steel bed, steel sides and hoist; 1973 Chevy C-60, 350, spd/2 spd axle, 16' wood bed, steel sides, hoist, dual rear tires w/singles in front; 1989 Chevy 70, 427, 10 spd, 20' bed, steel sides, hoist, air breaks, rollover tarp; JD9400 Combine, 4wd, straw chopper, unloading light, 5116 hrs/3539 separator hrs, 2nd owner, lots of work done on machine over time 2015 Polaris Ranger XP, 900 H.O., Prostar engine, hard side doors, cab heat rear view mirror, 13k mile

Farm Machinery, Livestock Equipment, Hay & Misc:

JD 920 Platform head, for/aft real; JD 643 Hightine corn head, 6-30; JD 7000 Planter, 6-30, plateless, bean cups, corn meters, markers; Case IH 5300 Grain drill, 15', end wheels, dbl disc openers, single box; JD 3940 2-36 row chopped w/dur-a-drum (retro fitted w/hand controls); JD 567 Silage Megawide Round aler, net wrap, 540 pto; NH 276 hayliner square baler, 540 pto, twine tie; NH 1411 Discbine, 10', rubber roll conditioners, 540 pto; NH #56 side delivery rake; Case IH 4800 VibraShank Field Cultivator, 24', harrow attachment; Krause 4904A 21' disc w/harrow tandem wing fold; Krause 1904 21' disc, tandem wing fold; International 153 6 row, 30" cultivator; 9' cultipacker; Continen tal 300 gal pull type sprayer with pto pump; JD 407 Rotary Mower, 7', 3 pt, single dolly wheel; Blair-Kelly Ryan Feed wagon, mdl #5x14-15, 14' box, 540 pto; Davis roller mill, 540 pto, 12' discharge auger, 6' auger; Grain-O-Vator, 30 series, 540 pto, on trailer and in working condition, (2) Grain-O-Vators - parts only; Sperry NH 519 Manure Spreader, slop gate, wood floor, chain driven; Titan Stock trailer, GN, 7x20, one cut gate w/slider, side door, back gate has slider; storage over neck; 12 ton overhead grain/cube bin w/Kane trip scale or outbound chute; Inground Platform Scales, 88"x 110"; 40' hay elevator; JD 40' grain/hay elevator; (2) Hutchinson grain auger, 50', 8", 540 pto; misc. 4" & 6" grain augers, 15'; Bush Hog post hole digger w/12" auger, 3 pt, 540 pto; 3 pt

bale mover; Herd 3pt clover seeder, 540 pto; Preifert squeeze chute, 8', self catch head gate; several hay wagons; creep feeders; wooden grain bunks; hay rings; mineral feeders; stock tanks; other misc livestock equipment; JD Walking plow; Great Western Duplex No. 924E wood burning stove; Clipper Fanning mill; platform scales; several antique iron wheels; antique iron alvage equipment; IH suitcase & pancake tractor weights; tumble bug; antique dirt slip; lard press; old cast iron cauldron; sausage grinder; Redwing #8 crock (small crack); old metal Co-op oil buckets; milk cans; old wood adverting boxes; old wood ladders; Dempster well pump; well pressure pump; well pully's; misc well parts; Grasshopper 120 riding mower, 48" deck, 821 hrs., gas; 2 wheel lawn cart; Honda IC2 power washer; paint sprayer; Fimco Ind 25 gal. pull type sprayer; Yard machine 5.75 hp 22° cut push mower; canning jars; misc block & tackle; wood pully's; misc dimensional & rough cut lumber; used tin; rolls bale twine; misc grease guns; chainsaws, trailer jack; electric fence charger; fencing supplies; baby calf suckle bucket; misc livestock medical supplies; hedge ax; hay harpoon; old pitch forks, shovels, rakes, ect; Other miscellaneous farm and hand





online at

Paul 620-786-5738 • paul_melanie07@hotmail.com • Aaron 620-793-2522

EPDs as of 01/19/2024 Schreiber Angus

Page 16 Grass &	z Grain, March 5, 2024				
C	LA	SS	IFI	ED	S
CLASSIFIED AD	DEADLINE IS 10:00 A.M.	FRIDAY	RATES AND DISCOUNT	'S CLA	SSIFICATIONS
- Although complete name	address and phone number need		E YOUR COST HERE	CATTLE	GOAT
	s information for our records.	I RATE: 700		SWINE	SHEEP
Name:	Phone #:		f words: @ 70¢	each HORSES	POULTRY
Address:	City: State: Zip	A CONTRACTOR OF A CONTRACTOR O	ne week:	FERTILIZE	R TRAILERS
TIPS: Phone numbers & hyp.	benated words count as one		ne-week cost times number	of weeks you FEED & SE	ED MACHINERY
word. Words separated		I want ad to		AUTOMOTI	VE EMPLOYMENT
WRITE YOUR AD	HERE LL	and the second se	consecutive wee	REAL ESTA	ATE ANTIQUES
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Animal ag and public health on the docket at the Animal Agriculture Alliance's 2024 Stakeholders Summit

Veterinarian master of public health Michelle Kromm, alongside HealthforAnimals' Alex Rinkus, will dive into the topic of animal agriculture and its role in public health at the Animal Agriculture Alliance's 2024 Stakeholders Summit. The 2024 event, themed "Ready, Set, Solve! Advancing Animal Agriculture," is set for May 8-9 in Kansas City, Mo. Check out the full agenda and register by March 8 for the lowest rates: https://bit. lv/AAA24.

Phillipsburg, KS

785-543-2118

"Antibiotics are an important tool for people and animals, and their continued effectiveness is paramount to safeguard animal health and food availability," said Emily Ellis, manager, communications and content,

and lenging issue of antibiotic resistance."

Antibiotics and their effectiveness have been a long-standing hot topic in the agriculture community and with consumers. Kromm and Rinkus will share more than 20 years of insights into managing the balance between animal and public health. This includes data on the OneHealth approach, which recognizes that the health of people is closely connected to the health of animals and the shared environment. Rinkus and Kromm will also provide information on additional support and tools needed on the front lines for farmers, ranchers, and veterinarians to continue making progress in this area. Kromm, DVM, MPH, MAM, Diplomate ACPV, is principal at Food Forward LLC, a consulting practice focused on improving the resiliency of the food system. She is a board-certified poultry veterinarian who received a concurrent doctorate of veterinary medicine from Iowa State University and master's of public health from the University of Iowa in 2006. Kromm has served on more than 15 task-

forces and committees addressing the topic of emergency disease preparedness, food safety, and antimicrobial resistance, including serving as the vice chair of the National Institute for Antimicrobial Resistance Research and Education. Previously, she worked as the vice president of animal health and welfare for Hormel Foods.

Rinkus is director of communications and stakeholder engagement at HealthforAnimals, the global animal health association that believes healthy animals are fundamental for improving global well-being, sustainability, and prosperity. Rinkus joined HealthforAnimals in 2016 following previous roles in agriculture, biotechnology, and nanotechnology. He holds a bachelor's degree from American University in political science. The annual Summit is a one-of-a-kind conference attended by a diverse group of decision makers, including representatives from farms, ranches, allied industries, food processors, restaurants, grocery stores, legislatures, universities, government agencies and media.



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Agriculture Alliance. "Eliminating this tool from farmers' toolboxes would do more harm than good and be in direct violation of recommended animal welfare practices. Michelle and Alex will provide an expert view on the subject, backed up with decades of research, to support the animal agriculture community and our partners along the food chain in identifying solutions to the chal-



Page 19 Angus Ambassador and Young Breeder of the Year award applications open

American Angus Association

The American Angus Association® is calling for applicants for the 2024 Angus Ambassador of the Year and Young Breeder of the Year awards. The awards, established in 2023, highlight impactful individuals helping drive the breed forward.

This year's recipi-

in Fort Worth, Texas, Nov. 1-4.

Angus Ambassador of the Year Award

The Angus Ambassador of the Year Award recognizes someone who goes above and beyond to promote or aid Angus efforts and broadens the influence of Angus cattle in the beef industry.

Applicants for this award can nominate

By Jessica Hartman, at Angus Convention themselves or be nominated by someone else. Nominees do not need to be members of the Association and can be businesses or allied industry members.

Nominate an Angus Ambassador of the Year by March 15.

Young Breeder of the Year Award

The Young Breeder of the Year Award recognizes a young, reger for their leadership within the Angus breed, participation in Angus programs and innovation within their herd.

Applicants for this award can nominate themselves or be nominated by someone else. Applicants must be between 25 and 45 years old as of 2024 and an active member of the Association. Couples or business partners can be nominated if they meet age requirements. Herd ownership and/or management responsibility is required of each individual applicant.

Nominate a Young Breeder of the Year by March 15.

2023 Award Recipients The inaugural Angus Ambassador of the Year award honored Anne Lampe, a lifelong Angus breeder who has served in numerous leadership roles, including past president of the American Angus Auxiliary, supporting the continued improvement of the breed.

The first Young Breeder of the Year Award recognized John McCurry of Burrton. McCurry was pivotal in continuing his family's Angus operation and established a commercial female sale that has grown to include 1,500 head.

ents will be recognized istered Angus breedgallala 18-19 in **Aquifer Summit set** for March liberal

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

A proverbial Who's Who of water management in the High Plains region is expected for the 2024 Ogallala Aquifer Summit, set for March 18-19 at the Seward County Fairgrounds in Liberal, Kansas.

The conference marks the third time that an inter-disciplinary group of water specialists, users, regulators and others from eight states will gather to discuss the condition of the mighty Ogallala, a vast underground reservoir that covers 174,000 square miles and touches parts of South Dakota, Wyoming, Nebraska, Colorado, Kansas, Oklahoma, New Mexico and Texas.

"One of the key values that I see to the Ogallala Aquifer Summit is the opportunity to hear from other states on the condition of the aquifer in their region, discuss shared challenges and learn ideas that may be adapted to Kansas in order to improve our water management," said Susan Metzger, director of the Kansas Center for Agricultural Resources and the Environment, and the Kansas Water Institute at Kansas State University.

Registration is available online at www. irrigationinnovation. org/2024-ogallala-summit. The cost is \$150, which includes meals

and all conference sessions.

Metzger said this is the third time that the Summit has been held, each three years apart beginning in 2018. It is organized by the Irrigation Innovation Consortium, a group of water researchers and management specialists mostly working at universities throughout the eight-state region.

The Ogallala Aquifer is critical to the economies of the regions it touches. It is estimated that 95% of groundwater pumped from the aquifer each year is for irrigated agriculture, though it also supports livestock and municipal needs. The aquifer supports approximately \$35 billion in crop production.

In Kansas, the Ogallala covers a majority of the western one-third of the state, which is one of the most productive agricultural regions in the entire country.

But the Ogallala Aquifer is rapidly depleting; some estimates indicate that in 50 years, 70% of the aquifer will be depleted. Diminished availability of water will also impact municipal water supplies; and in 2022 K-State agricultural economists reported that if current water

depletion rates continue, Kansas land values may drop as much as \$34 million in the next 40 years.

All of that makes get-togethers like the March 18-19 Summit even more important, according to Metzger.

"In the short term," she said, "I hope the Summit inspires new partnerships and strengthens existing collaborations. But in the long-term, I hope we can identify practices and policies that collectively can extend the useful lifetime of the aquifer."

Some topics on this year's agenda include:

New opportu-٠ nities with conservation-related legislation.

Understanding • water risk as part of climate risk and economic risk.

٠ Advances in science and data application.

The power of ٠ peer networks.

٠ Workforce and leadership development.

In addition, Metzger said researchers and water specialists from each state in the Ogallala Aquifer region have prepared updates on their water management progress and challenges. The topics which will be featured in facilitated roundtable discussions -- include water management technology and outreach: sustainable feed and forage; local enhanced management areas (known as LEMAs); reusing water in a municipal setting; a Kansas partnership with NASA's Earth Sciences division; and more.

Metzger said the Summit's attendee list is "intentionally diverse," including farmers and ranchers, non-profit organizations, city and state government, universities, federal agencies and representatives of groundwater management districts.

The Summit is open to all interested. More information and registration is available at www.irrigationinnovation.org/2024-ogallala-summit.



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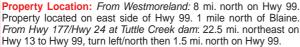
Grass & Grain, March 5, 2024

Hilmar Cheese plant to open this fall

The Hilmar Cheese plant in Dodge City is set to begin production by the end of the year, according to Director of Site Development Jeff Brock, a 22-year veteran engineer from the company. Construction began during the fall of 2022.

The \$630 million project has the capacity to handle 260 tanker trucks of milk per day and has 450,000 square feet under its roof, Brock said. It's projected to bring in \$560 million to the local economy, fill 250 local jobs, and generate 1,000 peripheral jobs in departments like research and development, quality assurance, human resources, maintenance, production and supply chain.

What began in 1984 as a co-op in Hilmar, Cal., now is the largest cheese and whey corporation in the world, with plants that process 14 million pounds of protein every day.

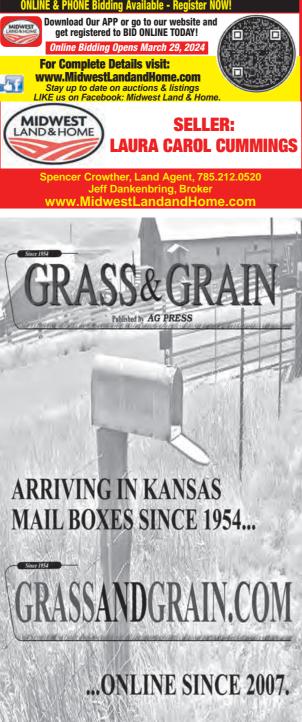


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** From 35+ Amazing Advertising Statistics [2023]: Data + Trends by Jack Flynn on Zippia.com

Page 20 Grass & Grain, March 5, 2024 Kansas 4-H Club Days help youth build communication skills

Admit it: the thought of speaking in front of an audience makes your palms sweaty, maybe even your knees buckle.

Beth Hinshaw, a Kansas 4-H youth development specialist, knows that the nerves do not necessarily go away as we get older, but speaking in public does get easier.

"Honestly, it is all about learning how to organize information and deliver it," she said. "Young people may have a lot of it written out the first time they give a presentation, but as they grow in that skill, they will get to where they are using an outline.'

Beginning in February and throughout March, youth are honing their public speaking skills across the state during Kansas 4-H Days. Hin-

P.O. box 1009, Manhattan, KS 66502

shaw said the annual events challenge youth to tell about or demonstrate a 4-H project they are working on in front of a judge, who then provides feedback.

"In 4-H, we think of these skills as necessary for college and career," Hinshaw said. "Youth learn to organize thoughts in a logical manner; find information and research a subject; express ideas clearly and convincingly; prepare visuals to support the presentation; and accept feedback."

Local Extension units host Kansas 4-H Days for youth ages 7 to 18. "If you have friends or family who are doing presentations, there's a good possibility that there is a video somewhere that they could share with you," Hinshaw said.

Most talks are given individually, though a few

are demonstrations by teams of youth. Some youth also give illustrated talks, while others give talks that persuade, inform, entertain or inspire, according to Hinshaw.

"A lot of people will tell us they would not have had the communication skills and abilities (later in life) that they have if not for their 4-H background," Hinshaw said.

"Ultimately, the goal in any presentation experience is for members to complete the presentation with a good feeling about themselves and what they have accomplished and learned."

Communication is one of nearly three dozen project areas offered by the Kansas 4-H program. More information about the state's largest youth organization also is available at its website.

onducting a prescribed planning for success

By David Hallauer, **Meadowlark District Extension agent, crops** and soils

Spring has traditionally been 'burn season' in Kansas. If a spring prescribed fire is on your radar, plan now to make it successful and safe.

Much of our ability to safely conduct a prescribed burn depends on weather. Do we have enough wind to carry a fire, but not so much it's dangerous? Optimum conditions usually occur when wind speeds are above five but below 15 miles per hour with relative humidities in the 50-60 percent range and temperatures between 50

and 80 degrees. You can check out wind and relative humidity fairly easily at www.mesonet. ksu.edu/fire/rh.

What kind of a stand are we dealing with? Is there enough fuel to carry a fire and can we manage heavy fuel loads that may be present? What is our purpose for burning? Cool season grasses don't respond the same way native prairie grasses do and typically shouldn't be burned as frequently unless a brush issue is being addressed. Even then, an understanding of how the undesirable and desirable plant community may respond is important to determining necessity.

Is equipment ready? Conditions can change rapidly during spring burns. Make sure you have equipment to provide the water flow you need to put out a fire (some ATV sprayers may not) - and people to man said equipment. Back burns should be in place and a burn boss appointed to make sure things run smoothly.

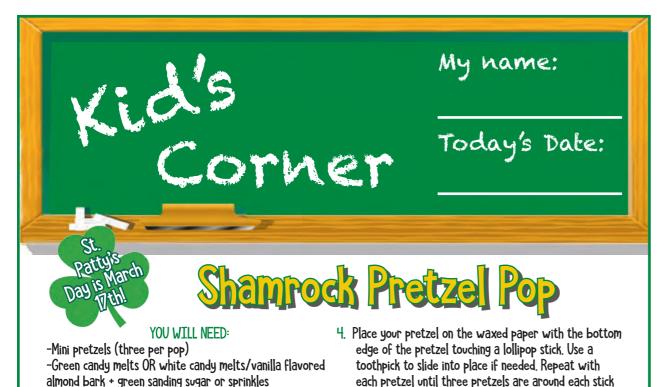
Check with local authorities first. Burn permit requirements vary by area, and many fire departments are manned by volunteers, potentially limiting re-

sponse ability on busy burn days. Plan ahead to make sure burns are allowed, then follow a plan to make sure they can be conducted safely.

Prescribed fire can be a valuable tool for our forage stands when used effectively. Make sure you have a plan to help it be as effective as possible, including evaluating the necessity of it in the first place. A little forethought can make a big difference in both the effectiveness AND the safety of your spring burn.

Kid's Corner Feature Send in a completed Kid's Corner page/craft, picture of a completed page/craft, OR a picture of your kid working on a Kid's Corner page/craft for a chance to be featured in the paper or on social media! Photos, crafts, and pages can be mailed to: Photos can be emailed to: gandgclass@agpress.com **OR** Send them to us on Facebook or Instagram

Please include your name and city with submissions, and any other info you want shared about your submission. Photos sent may be published in the paper and online editions of Grass & Grain, as well as to our social media accounts.





- -Gold sugar sprinkles
- -Gold coin sprinkles or Yellow Mini M&M's (optional)
- -Lollipop Sticks
- -Waxed Paper

INSTRUCTIONS:

- 1. Line a large baking sheet or cutting board with waxed paper. Place lollipop sticks on the waxed paper with enough space to allow room for each shamrock.
- 2. Melt your candy melts in a microwave-safe bowl, according to package directions for complete melting. (Do not overheat your melts as the candy will seize and 8. Allow your pops to set completely. Place in the refrigerbecome unusable).
- 3. Dip each pretzel in the melted candy coating, turning to coat. Remove the pretzel from the candy with a fork and tap it against the bowl to remove any excess.
- to form a shamrock.
- 5. While the pretzels are wet, shake your gold sugar sprinkles onto the shamrock.
- 6. Repeat until you have as many pops as you want.
- 7. Pour the remaining candy melts into a piping bag or a plastic sandwich type of bag. Snip the corner of the bag and squeeze to add a small amount of candy melt into the hole where the pretzels are around the rod. Immediately add a gold coin sprinkle. (Tip: To apply the coin, you may want to use a pair of tweezers.)
 - ator for faster results. Store in an airtight container at room temperature until eating.

Full instructions can be found at: www.reallifeathome.com/shamrock-pretzel-pops









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-1531 Yuma St., Manhattan. KS -Office Hours: Mon.-Fri., 8:30 am-4 pm



Is American agriculture being threatened? Recently I received the opportunity to attend Kansas Farm Bureau's Young Farmers and Ranchers Leadership Conference. When attending a workshop titled "Cattle Nutrition and Management," I listened to Dr. Cody Schneider of Corn Belt Livestock speak about the time he spent in Russia as a cattle nutritionist for a very large Angus operation. Dr. Schneider warned us that countries like Russia are trying to compete with the U.S.'s quality cattle market, and that made me think. As I pondered what might threaten us from maintaining such an exceptional industry, the fake meat fad came to mind.

Abraham Lincoln was once quoted as saying "America will never be destroyed from the outside. If we lose our freedoms it will be because we have destroyed ourselves from within." (This quote has been found to be fabricated, but Lincoln has described the spirit of this quote in other speeches). Does the American beef industry actually have the potential to be destroyed by American consumers caught up in the highly misjudged and so-called threat that cattle pose to the

environment? Advertisements with catchy songs and celebrities were everywhere a few years ago. Heck, even the Walmart Yodeling Kid, Mason Ramsey sang a song on Burger King's behalf denouncing traditional beef production, even in the most natural of sorts. This was way back in 2020, and as a thirteenyear-old seventh grader I saw right through the monotonous yodeling of "Reducing meth-ayaay-ane." There were many, many commercials at this time pushing for ways to lower cattle's emissions of "toxic" gases or to get rid of them altogether by consuming fake meat. When I discussed my

thought-to-be revolutionary, disconcerting idea of self-destruction in American agriculture with my dad, he turned on the light switch in my brain. (I really do enjoy living in the dark, but for some reason, he always flips the switch.) He made me contemplate the last time I saw an ad like the one I described above. There are a few here and there, but not many, and definitely not as influential and viral as those a few years ago. Has the fake meat fad gone bad? My dad proceeded to explain to me that it seems that the internet sensation of plant-based protein has met its expiration date the best way possible: consumers took it for what it truly was, a short-lived infatuation. In the world of consumerism, everything worth buying will stick around for a while. Fake meat is on its way out, but American agriculture is far from out of harm's reach.

Even though plantbased burgers have expired, cultivated meat is still trying to surface. Only two countries in the world currently allow cell-cultivated meat to be sold to con-

Grass & Grain, March 5, 2024

sumers; Singapore and, shocker, the United States. Again, our attempt to self-destruct, but a silver lining can be seen. On January 26, Hungary Today released the story, "Cultivated Meat Ban Being Considered, Following the Example of Italy." Hungary seems to be working towards pro-"traditional tecting rural values," as their Minister of Agriculture met with the president of Italy's Farmers Association. Italy became the first country to pass a ban on lab-grown meat in November 2023. This article stresses Hungary's main concern, keeping the hands that feed their country clean from the grim of non-natural competition. Our government needs to follow in Italy's footsteps, let us pass the soap to the American farmer

American agriculture is being threatened, but the ways are

and rancher!

fluctuating. There is hope for the average consumer, and hope for a secure future for the beef industry. We should feel far from being threatened by other countries' attempts to rival our quality standards, as long as we fulfill the needs of our consumers. Let them weed out the musk thistles of the market. The fake meat fad was always bad, and lab-grown meat should soon be beaten! And if you're hankering for some yodeling, skip the political commentary and crank up some Hank Williams!

Lillian Hulse is a junior at Minneapolis High School. Growing up and living on a cow/calf operation, she is passionate about all things Agriculture and FFA. A connoisseur of fine country and western music, you can often find her listening to a Willie Nelson album.

Contact Lilly at lhulse707@gmail.com.

Bull management tips from three Angus Association regional managers

By Lynsey McAnally, associate editor, Angus Beef Bulletin

The search for bulls may be finished soon for 2024. But just because you have secured the next genetic powerhouse for your herd doesn't mean the work is over.

Whether your bull developed on was grass or managed in a grow yard, the age of the bull, the number of cows in your herd and the environment you operate within can all alter management needs. What can cattlemen do to nurture their recent investment? We asked American Angus Association regional managers Shawn Gray, Jeff Mafi and Landon Andrews.

How was he developed?

Across the United States, the development of future herd sires can look a bit different. Though there is no singular correct way to develop bulls, producers need to be aware of what each method could mean — nutritionally — for their recent purchase.

"We have to be mind-

ories trying to breed cows while also going through the potential change from bull development rations to primarily forage.

What does his office look like?

Development of bulls can differ greatly, but there are some basics to keep in mind when bringing home a young bull.

"In an ideal situation, we would keep them all a similar age, not turn them out with older bulls and turn them out somewhere where they have access to exercise," says Mafi, regional manager for Region 8, noting that managing bulls in that way may not be possible for all cattle producers due to space or labor constraints.

Regardless, Mafi advises producers to consider the environment they're purchasing bulls from and how they were managed, as well as where bulls will be turned out. The goal is to make their initial transition into an oper-

ation as smooth as possible.

Why are papers important?

Like the title of a vehicle, registration papers can provide producers with a vault of information surrounding the genetics of a bull, as well as what they might expect from him in the future. With data including bull inventories, expected progeny differences (EPDs), pedigrees and more, a plethora of documentation is available at a producer's fingertips if their bull is transferred, says Andrews, regional manager for Region 11.

With the transfer of registration papers, buyers are issued an affiliate member code. That code provides buyers with access to AAA Login on www.angus. org including updated EPDs on your bulls, upcoming sales and information on the latest marketing opportunities for Angus genetics. Having your bulls

Having your bulls transferred into your name, keeping track of your bull inventory and documenting bulls you take to town are all things producers can use AAA Login to manage. Being able to document the Angus parentage on your calves opens a host of breed-specific marketing opportunities.

"The amount of marketing opportunities available to calves

backed up by registered Angus bulls goes a long way," according to Andrews, advising producers to take advantage of marketing programs available for calves with documented Angus sires.

Bringing it together Managing young bulls can be a challenge, but keeping the basics in mind can ensure they stay in a comfortable range while being given the time to mature to their full potential. No matter the method or location of development, producers can capitalize on their investment in Angus genetics by working with their bull's breeder to confirm transfer of registration and by visiting the Commercial page at www.angus.org.



ful of the microflora of the rumen and how if bulls are on a higher starch ration — you need to give them the chance to transition," says Gray, regional manager for Region 13. "What works better is purchasing those bulls ahead of when you need to turn them out to give them time to acclimate."

Gray's recommendation is to purchase bulls 60 days ahead of turnout and allow them to transition gradually to a more forage-based diet. By doing so, producers can avoid a host of issues, including bulls expending cal-



AND AUCTION

THURSDAY, APRIL 11, 2024 — 10:00 AM

"I put an implement on the free online ad site and got no calls. I put it in Grass & Grain and got eight calls the first couple of days... and sold it."

~ Russell Reichart, Holton ~







REPLACEMENT HEIFERS:

- 12) 750# RA replacement hfs/OCV'd/tract checked/2-3 rds vac/home raised/GO
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BRED HEIFERS:

- 11) Blk/Bwf bred hfs/ Bred to Ficken Blk Angus/ Fall vac pre-calving shots
- 2) Red bred hfs/Bred low BW Red Angus bull/April calvers

PAIRS:

- 25) Blk/Bwf Older pairs/Calves 6 wks old, tagged to match, worked
- 3) Blk 5-6-8 YO pairs/ 150-300# calves Vision 7 at birth/ exposed back to Blk bull BRED COWS:
- 360) Blk/Red bred cows/ 7 YO & Older/ Start March 15 for 60 days/ Bred Blk Kaiser or Larsen/ Bred Herf – Sharp (videos online)
- 14) Blk/ Red bred cows/ 5-10 YO/ Start March 20/ Bred Blk Angus/ never pulled bulls
- 8) Blk/Red bred cows/ 3-5 YO/ Bred RA or Herf/ April-May calvers/ poured 2-16

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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

Grass & Grain, March 5, 2024 Page 22 Cargill addresses key protein trends in 2024

Cargill's 2024 "The Protein Profile" from the meat packages to find the perfect price and size. North American Protein team shares a comprehensive look at the biggest trends and predictions in protein for 2024 and beyond.

Key takeaways from the report include:

Less is More - The average household size is shrinking, changing the ways we shop, cook and store food. Today, 64 percent of U.S. households are one or two people, up from 46 percent in 1970. While some one- or two-person households want smaller packages of protein to avoid unnecessary food waste and control overall costs, others purchase larger quantities and freeze for later use. In fact, 86 percent of shoppers sift through different

Simplify My Life - The time crunch con-2. tinues to be real, and more people are reaching for protein and meal solutions that simplify their lives. For example, heat-and-eat meals have increased, representing one in seven of all meal occasions today. And online shopping is here to stay, with 63 percent of all shoppers ordering groceries online at least occasionally.

3. Connecting Cultures and Cuisines - Multicultural consumer segments are growing, driving interest in globally inspired foods and flavors. As the most diverse generation yet, Gen Z shows a clear preference for multicultural dishes. For the

first time, Gen Z says Mexican and Chinese cuisines are best, displacing American cuisine as the favorite.

Redefining Value – Because defining value 4. is so personal, food behaviors are shifting at both ends of the cost continuum. Up to 60 percent of consumers say they're eating out less often to manage expenses. Some of them try to recreate those restaurant meals at home, often using premium ingredients, while others choose deli-prepared items as a substitute. We're also seeing increased interest in club stores and private label brands, with private label preference up by 60 percent since 2021.

Retallick-Riley talks Bovine Congestive Heart Failure at 2024 CattleCon By Sarah Kocher, ruary 1 at the 2024 Na- team hope that genetic focused on identifying disease death."

Angus Communications

Cattle feeders who lose livestock to Bovine Congestive Heart Failure (BCHF) know the impact of the disease firsthand. Ready to hear about the latest research on BCHF, feeders and others industry professionals attended a Cattlemen's College session presented by Kelli Retallick-Riley, president of Angus Genetics Inc. (AGI®). The session took place Febtional Cattlemen's Beef Association's annual convention and trade show in Orlando, Florida.

While not a veterinarian, Retallick-Riley excels in the field of quantitative genetics and is interested in finding ways to combat BCHF from a genetic perspective. She said research, so far, shows heart health (based on heart scores) is heritable, giving her and her

tools can be developed to reduce risk of the disease in cattle

Retallick-Riley said she also knows there are other elements outside of genetics, like management practices and the health of other organs, to be considered.

"Because of its low incidence rate, only evaluating cattle dying from the disease is too limiting," she said.

Recent research has

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animals more prone to BCHF. At the same time, the frequency of the disease has been increasing. She said this increase could mean either there really are more cases of BCHF occurring, the industry is getting better at diagnosing it, or a combination of the two factors. Ultimately, the direct cause or causes of BCHF are not yet understood.

Besides the obvious loss of life, what is particularly painful about BCHF is that cattle dying of it inflict a larger economic impact than those lost at earlier stages in life. According to the feedlot studies referenced by Retallick-Riley, affected cattle were dying of BCHF at an average of 110 days on feed with individual deaths taking place at points across a large swath of the feeding phase.

She shared a few other known pieces to the disease's puzzle, including a connection to respiratory health.

When animals were culled and treated for acute interstitial pneumonia (AIP), they had a higher probability or a higher rate of succumbing to bovine congestive heart failure," she said.

Researchers have also studied cattle in the complex disease category, meaning they have been treated for at least one other disease. Retallick-Riley said of these cattle, "They also had a higher probability or a higher rate of being called a heart



Without complete information on animals' health, it is difficult to know if some of these were misdiagnosed and treated for AIP or complex disease without any advantage.

When looking at beef-type cattle, beef x dairy type, versus dairy-type cattle and their crosses, she said there are similar ratios for instance of disease. Across the board, she and research partners are seeing high to modest genetic correlations between heart scores and performance traits including hot carcass weight, with little to no correlation to marbling score in a study presented by Colorado State University.

Looking more at the prevalence of BCHF, from 2017-2019 "Less than 1% of cattle placed on feed were dying of this disease," Retallick-Riley said, and the call to research the disease came about as a grassroots effort among producers.

A consistent theme since that time, as with most research efforts, is the need for quality data.

Relying on records from producers and researchers alike - heart scores, genetic testing and phenotypic data continue to be important for better understanding BCHF.

"Animals that are dying of congestive heart failure deaths, those are the ones that never make it to the processing plant," Retallick-Riley said. "That also means that good data recording in the field is crucial as well."

When looking at

of current research efforts show a 23% incidence rate of BCHF when hearts score as a 3 or 4. As a reminder, there are no 5s at the packer in the recent data collected by AGI, because those hearts have already given out under the pressure of the disease.

When studying this disease, Retallick-Riley said she tries to think of the whole animal as a system rather than just focusing on the heart.

"Heart score genetic tools could potentially help us reduce the caseload, but I doubt that it's going to eliminate the disease entirely," Retallick-Riley said. "Colorado State's research has preliminary heritability estimates of about 0.28. What about the other 72%?

She said, "If we put direct selection process on heart score alone, we could create cattle with less heart remodeling. We may also decrease the carcass weight on these cattle based on initial reports.'

Retallick-Riley said her team at AGI® and partners on the project have thought about developing some type of multi-trait index, but more research is needed to identify the best tools for widespread use.

"One of the things that we need to continue to think about is how we're going to use this at the end of the road, how we're going to use this to impact production and selection decisions," she said.

For more information on BCHF and related research efforts, visit https://bit.ly/ BCHF-WorkContinues.

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Alta Vista	11 blk	845	\$231.00	• 80 Red/blk strs, H.R., long wean., shots, 650-850#
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Mana	ger: Tracy	Ediger, '	785-366-6	645 * Barn Phone: 785-258-2205
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MARCH 6

KFRM AM 550, Every Wed., 8:00 a.m. • **www.HeringtonLi**

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		T REDDING, Field Re	•	/e, 620-364-6715
		TON HOOK, Field Rep		
	WIBW 58	30 - 6:45 A.M. Thurs; KVO		

To see more consignments go to: emporialivestock.com

Grass & Grain, March 5, 2024 Page 23 **Resolution introduced to prohibit Paraguayan beef imports**

Ronny Jackson introduced a resolution of disapproval under the Congressional Review Act (CRA) to oppose the U.S. Department of Agriculture Animal and Plant Health Inspection Service's (USDA-APHIS) final rule on Importation of Fresh Beef from Paraguay. On Nov. 14, 2023,

Recently, U.S. Rep. USDA-APHIS made the decision to begin allowing the import of fresh Paraguayan beef using risk assessment data from site visits to the country from over 10 years ago.

According to a statement release by Rep. Jackson, these outdated risk assessments put America's beef, pork and sheep industries at risk of foreign animal disease, such as foot-and-mouth disease (FMD). Paraguay has a long history of FMD in their beef herds. FMD is a highly contagious viral disease that has the potential to derail America's robust beef production system, which is the safest and most abundant in the world.

and sweat have gone into America's cattle industry, and I will not allow our reputation as the safest beef in the world to be compromised now. Congress must prevent this unsafe rule from moving forward to protect the livelihoods of America's farmers and ranchers," Jack-

'Centuries of blood son said. "Texas' Thirteenth Congressional District is the top fed cattle producing district in the United States."

Jackson went on to say, "I am proud to lead this CRA to prohibit the importation of risky Paraguayan beef alongside colleagues from both sides of the aisle, who

know how vital it is to protect U.S. cattle producers from devastating foreign animal disease outbreaks."

The resolution is cosponsored by TCFA-area Reps. Brian Babin (TX-36), Stephanie Bice (OK-05), Frank Lucas (OK-03), Troy Nehls (TX-22) and August Pfluger (TX-11).

prices and record /eighing calt In more on

Bv Derrell Peel. Oklahoma State University

The first week of February 2024, 500pound steers (M/L #1) in Oklahoma posted a new weekly record price of \$321.34/cwt., surpassing the previous high of \$312.72/cwt. in November 2014. For the first three weeks of February, the price of these 500-pound steers has averaged \$323.64/ cwt. For the 800-pound (M/L #1) steers, prices in February have averaged \$235.36/cwt., still below the September 2023 record of \$253.58/

previous high in October 2014 of \$241.79/cwt.

The overdone feeder market correction in late 2023 took the price of 800-pound steers to a low of \$216.47 in December with the feeder price rallying back some \$19/cwt. thus far in 2024. Oklahoma feeder auction volume thus far in 2024 is down 14.6 percent year over year.

Feedlots are quite full in many cases and are dealing with muddy conditions and lost performance due to winter weather in December and Janu-

conditions resulted in sluggish cash fed market conditions with fed prices dropping back about a \$1.00/cwt recently to \$180/cwt.

As feedlots clean up pens, on-feed numbers are expected to tighten up in the coming months as the reality of limited feeder supplies becomes apparent. Estimated feeder supplies were down 4.2 percent year over year in the January Cattle report, the lowest level in data back to 1972. The key once again is the question of heifer retention. If and when heifer retention begins, feedlot cow slaughter down inventories will drop more sharply,

Beef production is projected to decrease roughly 5 percent year over in 2024. This follows a 4.7 percent decrease in 2023 from record 2022 levels. In the first few weeks of 2024, beef production is down 4.2 percent year over year. Cattle slaughter will decrease this year with fewer steers and heifand decreased ers beef cow slaughter. Thus far in 2024, steer and heifer slaughter is down 3.3 percent year over year with beef 15.7 percent from last year.

Steer and heifer carcass weights have dropped sharply in recent weeks as a result of earlier winter weather. Current steer carcass weights are close to year ago levels at 909 pounds, having dropped from highs of 942 pounds in late December. Although carcass weights dropped slightly on an annual basis in 2023, there is a good chance that carcass weights will increase modestly this year with cheaper and both cattle feeders and packers having incentives to find pounds of beef wherever they can in the face of decreasing cattle supplies.

Choice boxed beef prices the past four weeks have averaged \$296.03/cwt., nearly 10 percent higher than one year ago. The January retail all-fresh beef price was \$7.81/ lb., up 8.5 percent year over year. Cattle and beef market supply fundamentals continue to tighten up and prices are higher for cattle and beef at all

cost of gain in feedlots cwt., which exceed the ary. The sluggish pen levels. eifers hat: attle before breeding val luating weighing the heifers.

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

Walk through the halls of a high school and it is easy to see that not all kids develop at the same pace - some look like mature adults while others appear younger than their age.

Similarly, individual animals in a cattle herd also reach maturity at different times. say the experts at Kansas State University's Beef Cattle Institute.

Speaking on a recent Cattle Chat podcast, the experts addressed factors that influence the pace at which heifers reach their maturity

"Most heifers reach puberty at 12-13 months of age: there are some Brahman-influenced breeds that are a little older when they begin cycling," said K-State veterinarian Bob Larson

that drive maturity are their age and their body weight," Larson said.

When Larson conducts the pre-breeding evaluation, he assesses their reproductive tract.

"As they get closer to puberty, their reproductive tract starts to feel more like an adult tract with a thicker, larger uterus and some follicle structures on the ovaries," Larson said.

He said there are two main times these evaluations are done.

"Six weeks before the breeding season, I can get an idea of the likelihood they'll be cycling at breeding, and I still have time to help that along with nutrition. The other time is when we are getting ready for a synchronization protocol and I can separate the ones that are not likely to get bred," Larson said. Another factor affecting development is the amount of body fat heifers are carrying, which can be controlled by the heifer's diet. The experts agree that the easiest way to measure that is through

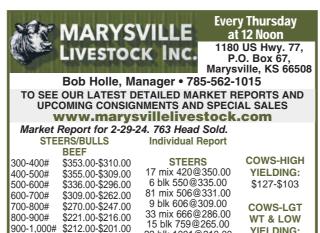
"As heifers grow, they start to deposit more fat in each pound of gain and less muscle. So when they get to about 60-65% of their mature weight, the hormones will signal to the body that it is time to ovulate," said K-State beef cattle nutritionist Philip Lancaster.

If these are retained heifers, Larson said, often producers will know a target weight that their females in

the herd start to cycle. While it varies among herds, for many he said that is about 850 pounds.

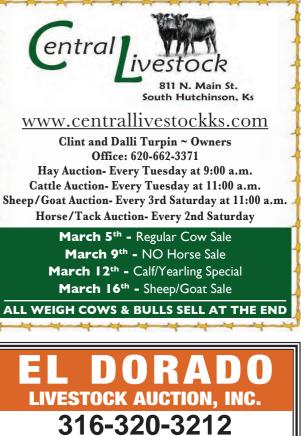
Six weeks before breeding, Lancaster said producers can evaluate the heifer's body condition and adjust accordingly.

"We can safely increase their nutrition to get more energy in their diet to push them to gain 2-2.5 pounds per day. As long as we start 70-90 days before



the breeding season. many of those heifers will reach puberty on time," Lancaster said.

To hear the full discussion, listen to Cattle Chat on your preferred streaming platform.



To help producers identify the heifers that are most likely to get bred early in the breeding season, Larson advises that producers complete a pre-breeding evaluation of the heifers.

"The two things

"The two things measure that is through
VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.
THURSDAY, MARCH 7, 2024
Special Feeder & Replacement Heifer Sale
along with Russell Angus Bull Sale
S.T. 11:00 a.m. on Feeders, 12:00 Noon on bulls, 3:00 p.m. on Heifers.
Over 4.000 hd
HEIFERS:
270 angus & blk not topped- sired by N Risse Ang
200 rd angus & blk (60) B.V. NI not topped- Pieper sired
188 rd angus NI B.V top end-breedable650-700# Ring & Rule
110 angus, few bwf not topped A.I.'d for over 30 yrs
Stolzenburg & Compton
75angus NI B.V. NI sort from replacements, Baldridge
A.L. Rn/Sikes
125 angus & blk NI
98blk, few bwf NI
90blk NI B.V. replacement quality 625-650#Ridenour L & C
85blk, blk-x (6 rd) NI
80blk NI Dean Livermont Family
70 blk NI B.V Brad & Allison Pisha
65 angus NI B.V Brett Galbraith
60 angus NI cake & range Baldridge genes500-600# Wayne & Rick Heath
STEERS: all home raised
400 blk NI Raven genes 600-750# Clearfield Rn
75blk, few bwf NI
120 blk NI Jim Lee Rn 340 angus NI L Cross Rn (Jake Higgins)
200 angus Mi 4/5-600# L Cross Rn (Jake Higgins) 200 angus
115 blk, bwf NI Pine Creek genes 550-675#
110 angus & blk NI likeable look 550-675#
125 rd & blk NI good condition700-750#Jim, Patty & Mackenzie Johnston
100 rd angus NI Calvo & Ohlde sired May/June born
80 rd angus NI hayfed only 550-700# Kevin & Laura Willert
300 blk strs & hfrs NI
PLUS MORE STRS & HFRS FROM: Ridenour (55h), Vandermay C & G (40h),
Logterman (25h), Resting Heart (25h), Warner (21h), Kruger (18h),
Frank (45s), Shelbourn (40s), Heath (18s), Stewart (200s-h),
Lazy Trails (95s-h), Hines (20s-h), Anker (30s-h) Lurz, Bellin
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300-400# 400-500# 500-600# 600-700# 700-800# 800-900#	\$300.0 \$287.0 \$269.0 \$244.0	00-\$287.00 00-\$281.00 00-\$268.00 00-\$251.00 00-\$214.00 00-\$198.00	5 blk 4 21 blk 5 12 blk 6 10 blk 7	IFERS 79@299.00 41@287.00 52@269.00 14@243.00 722@233.50	BULLS: \$138-\$101
900-1,000# F	JEIFER		22 blk 1	001@210.00	\$94-\$79

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, FEBRUARY 27, 2024 RECEIPTS: 2001 CATTLE FOR FULL RESULTS, VISIT OUR WEBSITE: WWW.HOLTONLIVESTOCK.COM

ST	EERS &	BULLS	30 blk bwf S	Sabetha	855@234.00
6 blk	Leona	419@389.00	12 blk E	Eudora	900@225.00
) blk bwf	Holton	368@387.50	10 blk red F	- rankfort	989@199.00
0 rd bk bulls	Corning	340@380.00		HEIFER	RS
i blk	Goff	380@373.00	21 blk char H	liawatha	447@324.00
) blk	Goff	483@357.50	4 blk bwf	Froy	467@314.00
' blk	Eudora	499@352.00	11 red rwf C	Corning	246@310.00
) blk	Holton	539@343.00	14 blk red F	Powhattan	422@305.00
0 blk	Cummings	467@340.00	7 blk bwf\	Netmore	482@304.00
bk char males	Hiawatha	a496@333.00	18 bwf rwf	Centralia	548@295.00
2 blk	Leona	606@323.50	20 blk	lolton	542@294.50
3 blk bwf	Cummings	599@319.50	11 blk bwf	Meriden	450@287.00
22 blk	Goff	619@314.00	12 blk rwf F	Powhattan	502@287.00
9 mix	Eudora	624@313.00	20 blk bwf 0	Goff	569@285.00
9 blk	Holton	668@282.00	11 bwf rwf \	Netmore	556@272.00
2 blk bwf	Fairview	661@281.00	9 blk bwfL	eona	620@268.00
7 char blk	Horton	685@275.00	11 blk char H	liawatha	646@260.00
23 blk	Lancaster	738@270.00	15 char H	Iorton	648@260.00
'7 blk	Eudora	769@255.25	11 blk M	Morrill	613@246.00
25 char	Horton	773@254.00	14 blk char L	ancaster	731@242.50
7 blk char	Holton	805@251.50	47 blk bwf 0	Cummings	671@231.50
12 blk char	Lancaster	837@249.50	29 bwf rwf S	Sabetha	807@227.00
9 blk bwf	Cummings	743@249.00	10 blk char H	liawatha	807@226.00
3 blk char	Holton	870@236.00	12 blk (Grantville	908@219.75

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

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Market Report - Sale Date 2-29-24. 1,934 head.

300-400 lb. steers, \$309-\$337; heifers, \$290-\$337; 400-500 lb. steers, \$281-\$341; heifers, \$270-\$312; 500-600 lb. steers, \$280-\$343; heifers, \$271.50-\$304; 600-700 lb. steers, \$268-\$317; heifers, \$233-\$269; 700-800 lb. steers, \$234-\$267.50; heifers, \$213-\$228; 800-900 lb. steers, \$225-\$238.50; heifers, \$200-\$220. Trend on Calves: Steady-\$7 higher on hfr calves; mostly \$5-\$10 higher, \$15 higher in spots. Trend on Feeder Cattle: Steady-\$3 higher. Butcher Cows: High dressing cows \$110-\$130; Avg. dressing cows \$100-\$110; Low dressing cows \$80-\$100. Butcher Bulls: Avg. to high dressing bulls \$101-\$127. Trend on Cows & Bulls: \$5-\$8 higher.

Some Highlights Include:

	HEIFERS		STEERS
6 mix	390@337.00	10 mix	365@337.00
10 blk	448@305.00	8 mix	411@341.00
15 blk	505@304.00	16 mix	508@337.00
57 blk	565@288.00	54 mix	566@306.00
13 blk	617@269.00	18 mix	609@317.00
14 mix	670@241.00	152 blk	640@285.00
65 mix	779@223.25	23 blk	663@276.50
		95 blk	707@267.50
140 mix	787@222.00	62 blk	840@238.50
69 blk	820@220.00	62 blk	852@236.75
10 mix	933@192.00	62 blk	861@235.50
		61 mix	872@233.00

THURSDAY, MARCH 7, 2024

36 blk steers & heifers, HR/LTW/shots, 700-800lbs

1 load mostly blk steers, 900lbs

1 load mostly blk heifers, 750-800lbs

Upcoming Dates to Remember!

In addition to our weekly Thursday sales.. SATURDAY MARCH 16TH - SPECIAL COW SALE SATURDAY APRIL 13TH - SPECIAL COW SALE **SATURDAY MAY 4TH - HORSE SALE**

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Cattle Sale Every Thursday 11:00 AM

Bv Ross Mosteller. Meadowlark District Extension agent, livestock and natural resources

Early in February, we had an excellent producer meeting focused on the general theme of rebuilding the national cow herd with a plan. Not only did we discuss looking at the replacement female herself, but also using risk management tools like Livestock Risk Protection (LRP), Hedging and Pasture Rangeland and Forage (PRF) insurance to provide financial protection. The

Grass & Grain Weather Report

risk management aspects could have an article dedicated to each topic, and likely will be down the road. Today my focus will be to share some key points to consider in heifer development discussed at the meeting.

There are factors that are outside of our control. such as input cost. markets and weather, but many factors can be controlled with management. This includes breeding/calving dates, length of breeding/calving season, genetics, nutrition, reproductive technologies, timing of

health protocols. Focusing on benchmarks for production and the things that we can control with management will have lasting impact on the next generation cow herd and economics of the operation.

What are some of the benchmarks for the breeding female? Two terms come to mind, longevity and stayability. Longevity is the length of productive life, or the time that a producing cow remains in the herd. Stayability is similar and defined as the ability of a fe-

March 6, 2024

herd past the point in time where she recovers the cost of development. To optimize reproductive performance, a cow needs to calve by the time she is 24 months of age and maintain a 365-calving interval, with a live calf each year. To do this, she must have a calf and rebreed within 82 days, which generally means two heat cycles at best. Once she has the calf and is rebred, she then needs to wean a calf that grows and performs. All of this while staying in a body condition score around 5, on minimal feed inputs.

There has been a plethora of research showing that that those heifers who are born early in the calving season are more likely to reach puberty sooner, calve early themselves and offer more total pounds of weaned calf over her lifetime. Think of it in these terms, for every one day of age older a calf is at weaning generally translates into 1.7 to 2.4 more

potential is similar. To this point, look at your calving records to see if you reach this mark: 76% of calves born by Day 21, 87% by Day 42 and remainder born by Day 63. Work done by Funston in Nebraska shows that it takes the profit of two early calving cows to make up for one late-calving cow.

Developing heifers is not a cheap venture, nor is purchasing bred heifers or pairs. Mousel et al showed that it takes five to six calves to recover the developmental and production costs of heifers in the average cow herd. It stands to reason then that if a female is culled from the herd before this point, this increases the average development cost and doesn't contribute to the profitability and/or sustainability of the operation. This is partly why Stayability EPDs have been implemented by many breed associations and operations who retain females need to keep that EPD in mind when select-

When investing in the replacement female, finding the one with best chance of meeting the above benchmarks should be the goal. It goes without saying, but recordkeeping and data are key to this!

This is by no means the complete discussion from the meeting, but hits on a few takehome considerations. Economics is certainly a big factor in all of this as well and fortunately we've got a tremendous resource in AgManager.info to help with these contemplations. Two useful decision tools are the KSU-Beef Replacements and KSU - Detailed Cow Calf Budget tools. Both are Excel spreadsheets that allow you to input your production numbers and estimate things such as Net Present Value or the amount you can afford to pay for a replacement female. Good luck working through all the decisions that need to be made in heifer development and cow herd growth or rejuvenation.

Seven Day Forecast In-Depth Local Forecast **Today's Local Outlook** Today we will see mostly cloudy skies with WEDNESDAY Seneca 59/35 a slight chance of isolated rain, Blue Rapids 24 0 temperature of 59°, humidity of 35%. Eas southeast wind 10 to 13 mph. The record Mostly Cloudy High: 59 Low: 36 Washington 59/35 60/40 5 high temperature for today is 81° se in 2017 200 THURSDAY Clay Center Scattered Rain High: 60 Low: 38 畿 Last Week's Almanac 59/36 Hi/Le Normals Precip 0 Manhattan Wamego FRIDAY 0.00 Ogden 59/36 2/24 70/27 48/23 0.00 60/36 ž Cloudy High: 58 Low: 34 2/25 76R/27 49/23 0.00' 57/36 0. 0.00" 82R/32 49/24 49/24 66/22 Junction City 60/36 SATURDAY 2/28 43/13 50/24 0.00' 2/29 50/24 0.02 59/32 3 Abilene Sunny High: 57 Low: 35 Rainfall 0.02" 59/36 Normal rainfall SUNDAY Departure -0.22Average temp 46.2 S Council Grove Mostly Cloudy High: 54 Low: 30 36.3 +9.9 This Week's Sun & Moon Char MONDAY Day Wednesday Sunrise 6:50 a.n Sunsel 6:25 p.n Moonrise 4:43 a.m. 1:54 p.m. 3:12 p.m. High: 56 Low: 34 6:49 a.m 6:26 p.m. 5:28 a.m. Thursday 3/25 Friday 6:47 a.m. 6:27 p.m. 6:05 a.m. 4:32 p.m. TUESDAY 5:51 p.m. 8:09 p.m. 9:26 p.m. Saturday 6:46 a.m 6:28 p.m. 6:37 a.m. 7:29 p.m. 7:30 p.m. 8:05 a.m Cloudy High: 58 Low: 35 7:44 a.m First 7:43 a.m 7:41 a.m 8:31 a.m. 3/16 4/1 7:31 p.m 10:43 p.m 8:58 a.m Local UV Index Weather Histor **Growing Degree Days** March 6, 1989 - A winter storm in the south central United Date States left parts of Missouri and Arkansas buried under 2/23 more than a foot of snow, Heavier snowfull totals in 2/24 Missouri included 14 inches at Springfield and 16 2/25 at Lebanon. 2/26 Date 2/23 2/24 Degree Days Degree Day × 2/28 2/29 0-234567891011+ 0-2: Low, 3-5: Moderate, 6-7: High 8-10: Very High, 11+: Extreme Expos





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USMEF promotes beef in China

With China projected pork utilization in tarto be the global leader in foodservice growth through at least 2026, the U.S. Meat Export Federation (USMEF) is accelerating efforts to expand U.S. beef and

geted segments and markets in China. Promotional campaigns for U.S. beef and pork took place in December and January at multiple outlets of several restau-



rant chains in Shanghai and five cities in South China. The winter campaigns promoted the superior attributes of grain-fed U.S. product to consumers while introducing alternative U.S. cuts to restaurant chains.

One targeted growth segment is hot pot restaurants, where USMEF is promoting the utilization of several U.S. beef cuts. Major highlights of the winter campaign included promotions with a restaurant group in Shanghai at the flagship outlets of its two hot pot chains. One chain, Shabu Shabu, launched new hot pot dishes featuring U.S. beef loin tail while the other chain, Cou Cou, launched new dishes featuring chuck roll and short plate. Both promotions were successful and eventually expanded into a nationwide campaign at 900 outlets.

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S	el	l	A	t	•	S	t.		Ис	れ	ys
	Sell Or Buy	Cat	tle	By Auctio		STARTIN 10:30		Tue	esday	'S	
We sold 1	671 cattle Feb	oruary 27. Ste	er and heifer	5 blk hfrs	458 @ 289.50	COWS	& HEIFERETTES	1 blk cow	@ 1600.00	1 blk bull	1780 @ 127.00
		d at steady to		3 blk/bwf hfrs	445 @ 280.00	1 blk hfrt	920 @ 150.00	1 wf cow/cf	@ 1525.00	1 wf bull	1550 @ 120.00
		old \$3.00-8.00		6 blk hfrs	471 @ 280.00	1 wf hfrt	985 @ 141.00	E	BULLS	1 wf bull	2390 @ 119.00
and bulls were				4 blk hfrs	503 @ 280.00	1 blk hfrt	1220 @ 140.00	1 blk bull	1920 @ 139.00		1820 @ 108.0
STEER & BU		4 blk strs	755 @ 254.00	6 char/red hfrs	418 @ 274.00	1 blk cow	930 @ 130.00	1 blk bull	1985 @ 133.00	1 red bull	1780 @ 105.0
2 bwf strs	435 @ 357.00	3 blk strs	617 @ 251.00	4 blk hfrs	501 @ 274.00	1 blk cow	1560 @ 127.00	r			
4 blk strs	361 @ 350.00	20 blk/bwf strs	832 @ 247.00	3 blk/red hfrs	483 @ 271.00	1 blk cow	1805 @ 124.00	CONSIGN	MENTS FOR T	IIESDAV	MARCH 5, 2024
4 blk/bwf strs	473 @ 339.00	62 blk/red strs	849 @ 245.50	4 blk/red hfrs	493 @ 271.00	1 blk cow	1070 @ 122.00				
5 blk/bwf strs	476 @ 335.00	5 blk strs	823 @ 245.00	2 blk/bwf hfrs	523 @ 270.00	1 blk cow	1510 @ 118.00	• 35 blk s	trs & hfrs, 47	5-525 lbs	., vaccinated
7 blk/red strs	494 @ 329.00	60 blk strs	881 @ 243.00	14 blk/red hfrs	528 @ 265.00	1 blk cow	1425 @ 116.00				50-550 lbs., vaco
4 blk bulls	308 @ 329.00	64 blk/bwf strs	860 @ 242.25	4 wf/char hfrs	306 @ 261.00	1 bwf cow	1335 @ 115.00				
8 blk/red strs	488 @ 328.50	63 blk/char strs	860 @ 242.25	3 char/red hfrs	367 @ 261.00	1 bwf cow	1870 @ 114.00		•	•	ed, vaccinated
2 blk bulls	358 @ 312.00	40 blk/red strs	818 @ 242.00			1 blk cow	1625 @ 113.00	• 75 blk s	trs & hfrs, 550	0-650 lbs	., weaned, vacc.
3 x-bred strs	485 @ 310.00	62 blk/bwf strs	906 @ 236.25			1 blk cow	1320 @ 112.00	• 65 blk h	eifers, 775-80	0 lbs.	
3 blk/bwf strs	528 @ 309.00	65 blk/char strs	899 @ 231.25	2 blk/bwf hfrs 3 blk/bwf hfrs	553 @ 285.00	1 bwf cow	1200 @ 111.00		•		0.16a
2 blk bulls	433 @ 309.00	29 blk/char strs	916 @ 230.25		567 @ 276.50 578 @ 258.00	1 blk cow	1550 @ 110.00		us bwf heifers		
3 blk/bwf strs	542 @ 305.00	68 blk/bwf strs	922 @ 230.00	8 blk/red hfrs 7 blk hfrs	578 @ 258.00 552 @ 255.00	1 blk cow 1 blk cow	1465 @ 109.00 1650 @ 108.00	• 64 blk c	har steers, 77	5-800 lbs	5.
6 char/red bulls	450 @ 299.00	124 blk/char strs	928 @ 229.50	7 blk/bwf hfrs	622 @ 255.00	1 red cow	1290 @ 106.00	• 65 blk s	teers, 825-850) lbs.	
2 blk bulls	490 @ 293.00	9 blk strs	807 @ 225.00	2 blk hfrs	605 @ 247.00	1 blk cow	1480 @ 105.00		teers, 850-87		
10 blk bulls	473 @ 290.00	61 mix strs	915 @ 225.00	6 blk/red hfrs	635 @ 246.00	1 blk cow	1040 @ 103.00				
		60 blk/bwf strs	1017 @ 221.25	2 blk hfrs	653 @ 246.00	1 red cow	1200 @ 103.00	• 60 blk c	har steers, 92	5-950 lbs	5.
STOCKER & FE	EDER STEERS			3 blk/bwf hfrs	693 @ 237.00	1 blk cow	1030 @ 103.00	• 130 blk	red heifers, 7	75-800 lb)S.
11 blk/bwf strs	580 @ 326.00	HEIFER		23 blk/red hfrs	698 @ 236.00	1 bwf cow	1225 @ 102.00		red heifers, 7		
4 blk/bwf strs	563 @ 320.00	3 blk hfrs	378 @ 321.00	4 blk/sim hfrs	704 @ 234.00	1 bwf cow	1255 @ 101.00		<u> </u>		
7 x-bred strs	589 @ 301.00	20 mix hfrs	353 @ 318.00	6 blk/bwf hfrs	747 @ 234.00	1 blk cow	1095 @ 99.00				
8 blk strs	585 @ 293.00	2 blk hfrs	403 @ 318.00	64 blk/bwf hfrs	828 @ 227.50	1 red cow	955 @ 97.00	CONSIGNI	MENTS FOR TI	IESDAV I	MARCH 12, 2024
17 blk strs	688 @ 277.00	2 blk/bwf hfrs	350 @ 313.00	21 blk/bwf hfrs	839 @ 225.50	1 blk cow	1330 @ 96.00				,
3 blk strs	650 @ 275.00	10 mix hfrs	317 @ 310.00	131 blk hfrs	843 @ 225.25		1000 😇 00.00	• 200 blk	strs & hfrs.	550-650) lbs., long time
12 blk/red strs	713 @ 268.50	5 blk hfrs	393 @ 309.00	8 blk hfrs	1024 @ 203.00	BRED	COWS & PAIRS		vaccinated		
65 blk strs	774 @ 262.75	2 blk hfrs	345 @ 307.00			1 blk cow	@ 1600.00	· ·		h f m m m m m	
47 blk/bwf strs	770 @ 261.25	9 blk/bwf hfrs	416 @ 300.00						0		ned, vaccinated
14 blk strs	764 @ 259.00	2 blk hfrs	430 @ 296.00	Watch ou	Auctions LI	VE on DV	Auctions.com	homerai	sed, no impla	nts	
5 blk/bwf strs	726 @ 257.00	6 blk hfrs	385 @ 295.00						-		

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