

Long-time Kansas forester named ‘Conservation Champion’

Bob Atchison, whose 31-year forestry career in Kansas included working on projects that have brought millions of grant dollars to support the state's woodlands, was named the 2022 Kansas Conservation Champion during the Kansas Natural Resource Conference.

Atchison, who retired from the Kansas Forest Service as the rural forestry coordinator at the end of 2021, was one of the key figures that helped to establish the Kansas Forest Action plan, a document that provides a road map for forestry efforts in the state.

He was also an advocate for on-the-ground forest work in Kansas, and helped to implement a USDA grant for \$13 million awarded to the Kansas Forest Service to enhance water quality in Kansas watersheds.

Jason Hartman, director of the Kansas Forest Service, said Atchison “has earned a reputation as a conservation professional that all other conservation professionals – be it forestry, range, soils, wildlife or fisheries – can feel confident that he will put the conservation of natural resources as his primary focus.”

Atchison said during his more than three decades of service to the state, he is proud of “the thousands of acres of woodlands, for-



Pictured from left are: Melissa Atchison, Bob Atchison and Jason Hartman. Bob Atchison was the recipient of the 2022 Kansas Conservation Champion award.

Photo courtesy Kansas Forest Service

ests and windbreaks we've been able to help Kansas landowners improve and sustain.”

In Kansas, he added, “95% of our forests, woodlands and windbreaks are privately owned. Helping people understand the value and role that trees play in a predominantly grass and cropland state through education and outreach has been a big part of my career.”

Atchison began his forestry career in 1990 as the district forester in Hutchinson, later moving to Manhattan in that same role. He also served a stint as the community forestry coordinator for the Kansas

Forest Service.

He has served various roles for the Kansas Forestry Association, Kansas Tree Farm committee, Kansas Chapter of the Walnut Council and the state forest stewardship coordinating committee.

“I am humbled to receive this recognition when I consider past recipients and all the colleagues I've worked with over the years who are so dedicated to the conservation, protection and management of our natural resources,” Atchison said. “To receive this recognition from that community is an honor.”

Thad Rhodes, district

forester for the Kansas Forest Service who nominated Atchison for the award, said he has been “an outspoken advocate for forestry” on USDA and Natural Resources and Conservation Service committees.

“Those who know Bob will easily attest to his passion and tireless efforts to promote forestry and conservation in Kansas,” Rhodes said.

“Whether it be networking with conservation agencies and organizations, finding ways to generate funds for implementing conservation practices, outreach and education, or just rolling up his

sleeves... to get the job done, Bob has demonstrated the dedication, innovation and leadership that is indicative of the qualities illustrated by this award.”

Cattle to return to Aggieville business district

The Aggieville Showdown returns to Manhattan for its second annual event on Saturday, April 2. The cattle event features exhibitors from across the country who compete for large cash prizes and the opportunity to show their cattle at the Grand Drive in the Aggieville business district.

“We had a successful inaugural event in 2021 with 106 exhibitors, 129 head of cattle, and five states represented. We are looking forward to continuing this national showcase of agriculture within Aggieville,” said Christian Calliham, Aggieville Showdown founder and general manager. “As we continue to grow, we are excited to welcome new exhibitors, vendors, and sponsors to make the event bigger and better each year.”

The Aggieville Showdown is like no other cattle show in the nation, featuring a Grand Drive in the Aggieville business district. This creates a unique experience for both exhibitors and spectators showcasing the rural lifestyle and youth in agriculture.

The public is invited to watch the Grand Drive at 6:30 p.m. on April 2. The evening includes:

- Fashion show
- Stewart Ray music performance
- Vendors
- Selection of champions
- Interviews of winning exhibitors

Exhibitors arrive the afternoon of April 1 to prepare their cattle for the show. On April 2 at 9:30 a.m. at the Riley County Fairgrounds, participants ages 8-25 will compete in the divisions of showmanship, prospect market beef, and breeding heifers.

Jessie Judge and Bodee Schlipf from El Paso, Illinois have been selected to judge the show. Judge and Schlipf will evaluate and select the top six prospect market beef and breeding heifers to advance to the Grand Drive in the heart of Aggieville.

There are several ways to get involved with the Aggieville Showdown. To register to compete, become a vendor, be a sponsor, participate in the fashion show, or any other general inquiries, visit www.aggievilleshowsdown.com.

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ONLINE BIDDING AVAILABLE AT LMAAUCTIONS.COM

Due to the snow storm on Thursday, we had a very light run of cattle for our sale held on Friday, March 11th, with not enough of any class to fully test the market. The following is a partial listing:

STEER CALVES — 425-450 LBS.

Clay Center	6 blk	436@192.00
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STEERS — 725-975 LBS.

Manahattan	5 blk	731@143.00
Manhattan	1 blk	975@90.00
Manhattan	1 blk	890@65.00

HEIFER CALVES — 325-500 LBS.

Clay Center	2 blk	340@169.00
Clay Center	2 blk	395@165.00
Clay Center	4 blk	495@155.00

HEIFERS — 925-1,000 LBS.

White City	7 Cross	980@124.50
Marion	5 blk	941@124.00
Marion	2 blk	937@121.00

COWS & HEIFERETTES — 1,150-1,775 LBS.

Wamego	1 blk	1150@87.00
Strong City	1 Red Ang	1595@83.00
Allen	1 Cross	1765@80.50
Goff	1 bwf	1430@80.00
Strong Clty	1 Red Ang	1210@79.50

Alma	1 Cross	1225@79.00
Goff	1 blk	1425@79.00
Allen	1 blk	1145@79.00
Manhattan	1 Herf	1170@77.00
Alma	1 blk	1215@76.00
Randolph	1 Cross	1295@76.00
Strong City	1 Red Ang	1270@74.00
Manhattan	1 Cross	1020@65.00
Manhattan	1 Cross	1080@65.00

BABY CALVES

NE	3 blk	@375.00
NE	1 blk	@310.00
KS	6 blk	@285.00
NE	2 blk	@260.00
NE	1 blk	@250.00

COW/CALF PAIRS

AGE

Corning	12 Red Ang	2 @2400.00
Corning	8 Red Ang	2 @2050.00
Corning	27 Red Ang	2 @1935.00

REPLACEMENT HEIFERS

Alma	16 blk	@1435.00
Onaga	19 blk	@1375.00
Onaga	6 blk	@1310.00
Kincaid	17 blk	@1210.00

EARLY CONSIGNMENTS FOR MARCH 18

- 62 Herf strs, weaned, 2 rds shots, 825-875 lbs.
- 50 choice reputation Herf strs, long weaned, all shots, 700-850 lbs.
- 10 Angus hfrs, 2 rds shots, long weaned, no implants, 500-600 lbs.
- 50 Angus hfrs, 2 rds shots, long weaned, no implants, 675-750 lbs.
- 130 Blk, BWF, Red Angus strs & hfrs, green, 2 rds shots, 550-800 lbs.
- 44 Choice Blk strs & hfrs, complete rd shots, 450-600 lbs.
- 70 Reputation Red Angus, few Blk, strs & hfrs, complete rd shots, 550-600 lbs.
- 11 Blk Balancer strs & hfrs, weaned Nov., 2 rd shots, wormed, poured twice, 500-600 lbs.
- 20 Choice home raised F-1 BWF replacement quality hfrs, 3 rds shots, 750-800 lbs.
- 65 Blk, Red Angus & Char cross strs & hfrs 800-850 lbs.
- 90 choice reput. Ang mostly strs & hfrs, long wean., no implants, 3 rd shots, 750-850 lbs.
- 60 Blk & Red Angus strs & hfrs, weaned 80 days. Complete shots, 400-525 lbs.
- 18 BWF & Herf strs & hfr calves 250-500 lbs.
- 16 Big fleshy BWF & Herf cows, SS to older.
- 160 Blk & BWF hfrs, 3 rds shots, green, weaned, 575-625 lbs.
- 80 Blk & BWF strs, weaned, green, 500-625 lbs.
- 30 Blk strs, long weaned, 3 rds shots, 550-600 lbs.
- 80 Blk BWF hfrs, 3 rds shots, green, weaned, 575-625 lbs.
- 45 SimAngus sired strs & hfrs, 1 rd shots, 450-550 lbs.
- 12 blk & bwf Angus & Angus cross hfrs, long weaned, 1 rd shots, 550-700 lbs.

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200 FALL BRED 1ST CALF OCV HEIFERS CONSISTING OF:
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700 OPEN REPLACEMENT OCV HEIFERS CONSISTING OF:
450 blk Angus & Ang Influenced; 150 BWF, Baldie & Brockle Faced;
80 Red Angus; 20 RWF & Red Baldie; 20 Char Angus Cross
Replacement heifers offered will be calthood vacc., guaranteed open/
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Kansas Hay Market Report

Compared to the last report, hay market prices for the week ending March 5 remained mostly steady for alfalfa and grass hay, but there is definitely an undertone of strength, which is not surprising in this time of increased input costs and lack of precipitation. Movement remains slow with some folks deciding to hang on to stores of hay they have in the barn, due to the drought. Unprecedented circumstances continue to place pressure on producers. According to the U.S. Drought Monitor for March 1, by February 27, the U.S. Department of Agriculture reported topsoil moisture in Kansas was 80% very short to short, while 38% of the state's winter wheat was rated in very poor to poor condition. In part due to short-term precipitation deficits, severe drought (D2) was broadly expanded across Kansas and Nebraska, with corresponding increases in other drought categories. Currently, abnormally dry conditions (D0) increased to near 27%, moderate drought (D1) decreased to 29%, severe drought (D2) increased to 38% and extreme drought (D3) remained near 6%. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

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

Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered steady, movement slow. Alfalfa: horse, premium small squares 260.00-270.00. Dairy 1.05-1.10/point RFV, Supreme 195.00-250.00.00, Premium 180.00-205.00, Good 155.00-185.00. Stock or Dry Cow 190.00-200.00. Grinding alfalfa 180.00-185.00. Ground and delivered locally to feed lots and dairies, 200.00-210.00; Grass Hay: Bluestem, 3x4's and 4x4's 100.00-120.00, large rounds 75.00/bale; Sudan: none reported; Wheat: large straw rounds none reported. The week of 02/27-03-05, 7,508T of grinding alfalfa and 375T of dairy alfalfa was reported bought/sold.

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SATURDAY, APRIL 2, 2022 - 10:00 AM
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AUCTION
SATURDAY, MARCH 19, 2022 — 11:00 AM
White Memorial Camp, 1271 S. 1050 road, COUNCIL GROVE, KANSAS
DIRECTIONS: 6 miles North of Council Grove on Hwy 177, then 1 1/2 miles West on K Ave., then South on 1050 Rd. approx. 4 miles. WATCH FOR SIGNS.

VEHICLE: 1997 Chevrolet Suburban AC, 4x4, very little rust, runs good, needs brake work, 279,000 miles.

TRACTORS & EQUIPMENT: Case 1070 with loader, good rubber, runs good; JD 60, rollomatic narrow front end, power steering, factory 3pt & hydraulics, runs good, nice tractor; NH BR 770 big round baler, twine tie, bale kicker, 5x5 bales, new belts last year; Hybrid Hay Runner 12 wheel rake; 3pt. 6ft finish mower; 3 pt. 6ft rotary mower; 300 gal. water tank on trailer; 8ft. snowplow for a pickup.

BOATS: Advance Flying Jr sailboat on trailer; 16ft V bottom aluminum boat with motor on trailer; 20ft pontoon with motor on trailer; Johnson 50 boat motor.

COMMERCIAL KITCHEN EQUIPMENT: Vulcan Auto Mix mixer; Vulcan range; Hobart oven.

TOOLS & MISC.: Troy Bilt push weed eater 6hp; Yard Machine row tiller; Till-O-Matic tiller; Yard Machine 29" snow blower; Duracraft bench type drill press; TS-10" table saw; B&D bench grinder; Ryobi backpack sprayer; Campbell Hausfeld sprayer; several chain saws & weed eaters; Hitachi 18 volt cordless drill; several various cordless tools; Skil saws; 12 volt winch; 16" carbide sanding disc; misc. tools; various potter pcs; wire basket; vintage movie projector & reels; new 52" ceiling fan; 2 storm doors; wrought items; weight machine & other gym items; oak armoire. good cond.; large selection of 4' x 8' x 3/4 particle board counter top & trim; 8 ft. snow plow for a pickup; large pool trampoline.

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South Central Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered steady, alfalfa pellets steady to 10.00 higher, movement slow. Alfalfa: horse, small squares 255.00-275.00. Dairy 1.05-1.10/point RFV, Supreme 195.00-250.00.00, Premium 180.00-205.00, Good 155.00-185.00. Good, Stock cow, 170.00-180.00. Fair/good grinding alfalfa 160.00-170.00 delivered. Ground and delivered 185.00-195.00. Alfalfa pellets: Sun cured 15 pct protein 235.00-250.00, 17 pct protein 240.00-260.00, Dehydrated 17 pct 310.00-315.00. Grass Hay: Bluestem, large rounds 80.00-90.00, large squares 100.00-110.00. Brome: large round 100.00-105.00, large squares 115.00-125.00. Oat hay, good large rounds 120.00-125.00, good 3x4 squares 130.00-135.00. Sudan: large rounds 85.00-95.00. The week of 02/27-03/05, 6,552T of grinding alfalfa and 864T of dairy alfalfa was reported bought/sold.

Southeast Kansas

Dairy alfalfa steady, grass hay mostly steady, grinding alfalfa steady to 5.00 higher, movement slow. Alfalfa: horse or goat, 260.00-270.00. Dairy 1.00-1.05/point RFV. Good, stock cow 180.00-190.00, with an instance of premium stock cow 220.00-240.00. Fair/Good grinding alfalfa, 150.00-155.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 120.00-125.00, good 3x3 squares 110.00-120.00, good, 3x4 and 4x4 squares 100.00-110.00, large rounds 70.00-85.00. Brome, good, small squares none reported, 3x4 to 4x4 squares 115.00-125.00, large rounds 90.00-100.00. Bermuda grass: 3x4 and 4x4 105.00-115.00. Wheat Straw: 3x4 and 4x4 squares 60.00-75.00. The week of 02/27-03/05, 1,516T of grass hay was reported bought/sold.

Northwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered

Angus at Work podcast launched March 2

Angus Beef Bulletin offers new information platform for commercial cattlemen.

It's no secret that cattlemen and women are busy, and no two days look the same. That's why the Angus Beef Bulletin team

is launching its new podcast, *Angus at Work*, March 2 to give cattlemen another option for on-the-go information.

Today's cattle industry is complicated by rising input costs, a fickle marketplace and pressure from outside industry forces. *Angus at Work* will help producers stay informed on topics that affect their bottom line.

"One of the most interesting parts of our job as editors is getting to talk with cattlemen and industry experts around the country. So often we aren't able to use everything from

steady, movement slow. Alfalfa: Horse or goat, small squares 300.00-400.00 delivered. Dairy, Premium/Supreme 1.05-1.10/point RFV. Stock cow, fair/good 175.00-185.00. Fair/good grinding alfalfa, 170.00-180.00. Oat hay, 3x3 square 135.00-145.00; Sudan, none reported. Wheat straw, large squares 75.00-85.00.

North Central-Northeast Kansas

Dairy alfalfa steady, grass hay, ground/delivered steady, grinding alfalfa steady to 5.00 higher; movement slow. Alfalfa: horse, premium small squares, 9.00-10.00/bale. Dairy 1.05-1.10/point RFV, Supreme 195.00-250.00.00, Premium 180.00-205.00, Good 155.00-185.00. Stock Cow, 160.00-170.00. Fair/good, grinding alfalfa 150.00-160.00; Ground and delivered 170.00-180.00. Grass hay: Bluestem, small squares 6.50-7.00/bale, large 3x4 to 4x4 squares, 130.00-140.00 delivered, good, large rounds 90.00-100.00, Brome, small squares 7.25-8.00/bale, 3x4 to 4x4 squares none report, large rounds 90.00-105.00; Wheat Straw: Small squares 5.00-6.00/bale, Large 3x4 to 4x4 squares 85.00-100.00. Certified weed free grass mulch large rounds, 80.00-90.00. The week of 02/27-03/05, 977T of grinding alfalfa and 350T of dairy alfalfa was reported bought/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
*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.

GUN ESTATE AUCTION
SUNDAY, APRIL 10, 2022 - 12:00 NOON
601 S. BROADWAY - SALINA, KANSAS
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RETIREMENT FARM AUCTION
SATURDAY, MARCH 26, 2022 * 9:30 AM
LOCATION: 14712 W. Maple Grove Rd., KINGMAN, KANSAS 67068. From Kingman go North on Main St, continue North approx. 7 miles to Maple Grove Road then left to location.

TRUCKS & TRAILERS: 1980 GMC Truck Chassis w/60k miles & Convey All BTS300 Seed Tender; 1995 Dodge Ram 2500 Gas Pickup, 4 wheel drive w/154k mi.; 1987 & 2003 TravAlong 22' Gooseneck Livestock Trailers; 36' Semi Van Trailer (storage).

TRACTOR & FIELD EQUIPMENT: John Deere 4320 Diesel Tractor w/Cab/ Duals & 9700 hrs; 2008 John Deere 1590 No-Till Drill, always shedded & only planted 2500 acres (good cond.); John Deere 6 Row Planter; (2) 8350 John Deere Grain Drills; 8300 John Deere Grain Drill; IH #10 Grain Drill; Land Pride 15' Wing Mower; 12' Speed Mover; 2-John Deere 16' Chisel (3 pt); 2-John Deere 18' Chisel (3 pt); John Deere 400 Rotary Hoe; 3 pt 10 Wheel Rake;

BMB 6 Row Cultivator; Graham 14' Chisel; Shaffer 16' Disc; Krause 32' Field Cultivator; John Deere F100 H 24' Field Cultivator; Krause 24' Wing Disc; Krause 15' Chisel; 1000 gal Water Wagon; 8x35' (Semi) 10-wheel Hay Trailer; 7x16' Hay Trailer; Oklahoma Pride Portable 175 bu. Creep Feeder; Land Pride Post Hole Digger; Steel Truck Bed; 2 loading Chutes (as is); Lots of Misc Farm Tires; Harrow Sections; Car Engines; Steel Scrap Pile.

SHOP TOOLS & FARM SUPPLIES: Fimco Sprayer; Air Compressor; Drill Press; Reddy Heater; Rolls of Electric Wire & Posts; Misc. Wire & Fencing Supplies; Implement Cylinders; Log Chains; Jacks; Bench Grinder; Vise; Open & Box-end Wrenches; Socket Sets; Hex Wrench Sets; Craftsman Tool Chest; Picks; Shovels; Rakes; Forks; **trailer load of hand tools.**

NOTE: Not many small items, will be on equipment approximately 10:30 AM!
For more info: Morris Yoder 620-899-6227 or morris_yoder@yahoo.com or website below!

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Equine Calendar

MARCH

18th- 2M Spring Barrel Series Race 2, Tonganoxie, 6:30 p.m.

18th-20th Equifest of Kansas, Salina

19th- NBHA KS01 Points Race 2 at Crossroads Cowboy Church, Perry

20th- NBHA KS01 Hwy. 24 Tour 2 at TBD

25th- 2M Spring Barrel Series Race 3, Tonganoxie, 6:30 p.m.

27th- NBHA KS01 Points

Race 3 at Crossroads, Perry

APRIL

1st- 2M Spring Series Race 4, Tonganoxie, 6:30 p.m.

2nd-3rd KHSRA Kingman, Cutting and Reined Cow Horse

2nd- NBHA KS01 Hwy. 24. Tour 3 at Crossroads Cowboy Church, Perry

3rd NBHA KS01 Points Race 4 at Lyndon

Avery Mullen earns Junior Bronze Award

Avery Mullen, Ulysses, has earned the National Junior Angus Association's (NJAA) Bronze award, according to Jaclyn Upperman, education and events director of the American Angus Association® in Saint Joseph, Mo.

Mullen is the ten-year-old daughter of Tyson and Emily Mullen. She is a member of the NJAA, and the Kansas Junior Angus Association.

She has participated in local, state and national shows and showmanship contests. At the National Junior Angus Show (NJAS), Mullen participated in the public speaking, photography and graphic design contests.

The Bronze award is the first level of the NJAA Recognition Program that began in 1972. Junior Angus breeders must **Learn to scout** for spring alfalfa insects in free online class

A free online class will discuss spring alfalfa insects and what to do about them 6-7 p.m. Thursday, March 24, via Zoom. University of Missouri Extension agronomist Pat Miller will show how to scout for alfalfa weevils, pea aphids, blue alfalfa aphids, variegated cutworms and stem nematodes. Register for "Scouting Alfalfa for Spring Insect Problems" by March 22 at muext.us/SpringAlfalfaInsects.

For more information, contact Miller at 417-448-2560 or millerpd@missouri.edu.

apply for the award, then meet point requirements in many areas of participation before receiving the honor. Applicants are evaluated in areas of junior Angus association activities and leadership, participation in showmanship, contests and shows, using performance testing to improve their herd and their progress in producing and merchandising Angus cattle.

The NJAA promotes the involvement of young people in raising Angus cattle, while also providing leadership and self-development opportunities for the nearly 4,500 active members nationwide.

Governor Kelly directs state agencies to waive fees for Kansans affected by wildfires in Reno and Harvey counties

After touring the area, Governor Laura Kelly has directed executive branch agencies to assist Kansans who were impacted by the wildfires that spread through Reno and Harvey counties on March 5, 2022. In response, the Kansas Department of Revenue (KDOR) and the Kansas Department of Health and Environment (KDHE) will waive fees for birth certificates, marriage certificates, and vehicle registrations for those who were impacted. The Kansas Department of Agriculture will also continue to support their Kansas Wildfire Resource website, which provides information on U.S. Department of Agriculture programs, which are designed to offset losses sustained to fencing, hay, and livestock.

"These fires have placed an immense financial burden and have taken a significant emotional toll on those who were impacted in Reno and Harvey Counties," Kelly said. "We want to ensure that we are not adding to the stress these Kansans are facing right now. My directives will help speed the recovery process by allowing those wildfire victims to replace their important documents quickly and begin the rebuilding process."

Governor Kelly has directed KDOR's Division of Vehicles to:

Waive penalties associated with late vehicle

registrations;

Waive any fees associated with the reprint or replacement of vehicle registration documentation, printed vehicle certificate of titles, driver's licenses, and/or identification cards;

Issue a temporary driver's license to an applicant who cannot provide valid documentary evidence so long as the applicant provides compelling evidence proving current lawful presence. Any temporary license issued pursuant to this declaration shall be valid for one year.

KDHE's Division of Health will:

Waive fees for one-time replacement of Kansas birth certificates;

Waive fees for one-time replacement of Kansas marriage certificates.

KDHE's Division of Environment will:

Work with County Emergency Managers to



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Fun for All! Kids 12 & under Free
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PUBLIC AUCTION REMINDER

SATURDAY, MARCH 19, 2022 - 10:00 AM
LOCATION: 903 Industrial Street, HERINGTON, KS 67449 (NE edge of Herington just off Hwy 77 to the east of the Herington Inn and Suites Motel) in the former Jones Electric building.

SKID STEERS & ATTACHMENTS

- Takeuchi TL250, on tracks, 3564 hours
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Herington Livestock Commission Co.




CATTLE SALE EVERY WEDNESDAY: 11:30 AM

3/9/22 Sale results.

COWS / HFRTTS / BULLS		HEIFERS	
	Weight	Price Range	
Heiferettes:	950	\$90.00	Herington 12 mix 514 156.00
Cows:	1180-1930	\$78.00-85.00	Herington 26 mix 662 137.25
Bulls:	1850-2260	\$97.50-110.50	Alta Vista 19 blk 771 133.00

— TOP STRINGS OF EACH CLASS —

	HEAD	WEIGHT	PRICE
STEERS			
Canton	6 mix	756	148.00
Alta Vista	19 blk	790	145.00

EARLY CONSIGNMENTS FOR MARCH 16, 2022

CHECK WEBSITE FOR UPDATES!

SPECIAL CALF SALE MARCH 30, 2022

CHECK WEBSITE FOR UPDATES!

Manager: Tracy Ediger, 785-366-6645 * Barn Phone: 785-258-2205
Seth Bartel, 620-382-7041 • Tate Becker, 785-258-4165 • Dave Bures - 402-766-3743
Bob Kickhafer, Cell - 785-258-4188 • Tim Wildman, 785-366-6152
KFRM AM 550, Every Wed., 8:00 a.m. • www.HeringtonLivestock.com

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rinkescattle@gmail.com
WWW.RINKESCATTLE.COM

ROAD TO GLORY Pig Sale

13600 SW 33rd Street, Dover, Kansas 66614
Pulled Pork Dinner

MAR 26TH 6:30PM

CONSIGNORS




LIVE PREVIEW
7:00 PM FRIDAY NIGHT BEFORE THE SALE
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CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

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

Address: _____ City: _____ State: _____ Zip: _____

TIPS: Phone numbers & hyphenated words count as one word. Words separated by a / count as two.

WRITE YOUR AD HERE



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 70¢ a word.

Number of words: _____ @ 70¢ each

Cost for one week: _____

Multiply one-week cost times number of weeks you want ad to run.

Run ad _____ consecutive weeks.

CLASSIFICATION: _____

Cost for _____ weeks: _____

DISCOUNTS: (For PRE-PAID orders only)
deduct 10% if ad runs 2 or 3 weeks;
deduct 25% if ad runs 4 weeks.

Less discounts: _____

TOTAL: \$ _____

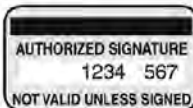
PAY WITH (PLEASE CIRCLE ONE):

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Exp. Date _____

V-Code _____ (required) last 3 digits (see sample: 567) located on the back of your credit card on the signature panel.



Signature: _____

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REMINDERS

- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
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10 PUREBRED BLACK Charolais open heifers, \$2,500. 30 purebred and Balancer black Charolais bulls, \$3,000. 30 purebred registered black Charolais bulls, \$5,000. Dennis Burt, 785-527-1369.

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GLM Herefords



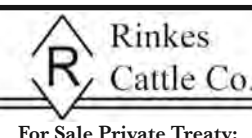
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- 100 Commercial Heifers
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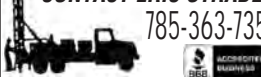
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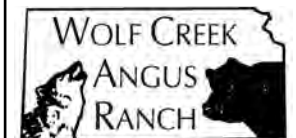
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* 30+ Building Lots @ Sundowner Meadows. Call Derek!
* 40 Ac +/- Great Development/Building site @ Junction City Call Ray!
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* 3174 Hwy. 15. UNDER CONTRACT!
* 28 Ac +/- Build Site @ Burms Rd. & Parsons Rd. Rural Water Available. Can be split. Call Derek! UNDER CONTRACT!

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* 160 Ac +/- Upland tillable @ Niles. UNDER CONTRACT!
* NEW LISTING: 155 Ac +/- Upland tillable @ Niles. Call Ray!
* 120 Ac +/- Tillable w/ Great Hunting E. of Lindsborg. Call Clint!
* 30 Ac +/- Tillable/Pasture at Junction City. Seller is Licensed Real Estate Agent. Call Ray!
* 500 Ac +/- Pasture N. of Hedville. SOLD!
* 80 Ac +/- Tillable @ Wilsey. SOLD!

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IH 963 cornhead
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'11 Cimarron 8' rotary mower
'09 Case IH DC132 disc,
MOCO
'08 Case IH RB564 rd. baler
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'04 Hesston 946A round baler
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head, 20'
IH 963 cornhead
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MOCO
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Lending a helping hand

Recently representatives from Life Essentials were at SAVE Farm near Keats to demonstrate a flatbed-mounted lift that helps producers with mobility challenges get into their equipment. Both Life Essentials and SAVE Farm are partners of AgrAbility, whose primary purpose is to help farmers and ranchers who may have been injured or experienced a health condition or disability that hinders their agriculture activities. Tawnie Larson of Kansas AgrAbility helped coordinate the demonstration and wants producers to know of the wide range of equipment available to help them. "We are always willing to help farmers find the right fit," she said. "They can also check out what is available on their own, too, if they just know about it."

According to the AgrAbility website, an estimated 9000 full- or part-time farmers and ranchers have disabilities that interfere with their ability to work. Funded by the U.S. Department of Agriculture National Institute for Food and Agriculture, AgrAbility includes state and regional projects, including Kansas AgrAbility, which is a collaborative partnership with Kansas State University, Southeast Kansas Independent Living (SKIL), and Assistive Technology for Kansans (ATK). They can be reached at 1800-KAN DO IT (1-800-



Above, John Farley, a member of the SAVE Farm board of directors, tries out the lift, with Marty Cotterman of Life Essentials explaining the remote.

Photo by Donna Sullivan

526-3648). Kansas AgrAbility cannot purchase equipment or furnish financial support but can make referrals to other organizations who may be able to do so.

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Market Report for 3-10-22. Sale cancelled due to weather.

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| * 62 blk str/hfrs, 375-600#, WV2, HR | * 10 blk hfrs, 600-700#, WV2, HR |
| * 35 blk str/hfrs, 400-500#, V, HR | * 45 blk & red Fancy RQ hfrs, 700-800#, WV2, HR |
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High prices challenge global beef demand

According to the latest beef report released by Rabobank, global beef markets remain tight. Ongoing strong demand and more limited supplies have kept global beef prices high, but cost pressures are flowing into the supply chain.

Retail beef price movements over the past two years have been phenomenal, driven largely by strong consumer demand and some supply shocks. In fact, beef retail prices in the U.S. during Q4 2021 were 23% higher than the five-year average. In China, they were 24% above the five-year average, *Feedstuffs* reports.

Senior analyst at Rabobank Angus Gidley-Baird says rising inflationary pressures continue to affect the beef supply chain, with labor costs, labor shortages, freight expenses and energy price hikes driving beef prices up. Some of these cost increases, specifically those associated with labor and sustainability, are expected to be permanent. Others, however, such as costs for freight, energy and feed, are more cyclical and may decline over the course of 2022.

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Study: impact of plant-based products on cattle industry

A new paper in *Environmental Research Letters* explains that plant-based meat (PBM) alternatives from Beyond Meat, Impossible Foods and other companies could have a significant impact on the economy, environment and animal welfare if they replace animal-based meats and reduce livestock production. However, authors of the paper point out that much depends on the extent to which consumers are willing to shift their diets, the structure of the meat industry and the inter-linkages of the live-

stock industry with the other parts of the economy. Currently, prices for plant-based meat are substantially higher than those for animal-based meats. However, prices are falling. For example, in 2021, Impossible Foods cut the price of its burger patties by 20% at U.S. grocery stores. Beyond Meat's production costs and, in turn, prices have fallen at a similar pace. The new analysis, previously published as a pre-print, projects how continued declines in the price of plant-based ground beef

will affect cattle and beef production, as well as beef industry profits, land use and climate change. It finds that a 10% price reduction, which could be within the next year, would have a minimal effect on U.S. cattle production. The authors project that while it would reduce ground beef production by about 1.2%, it would only reduce the number of cattle harvested by 0.15%. The shift in demand would only modestly reduce cattle and beef prices. The decline in production and prices would put downward pressure on the revenue and profits of cattle producers, packers and input suppliers to the cattle industry. Yet like the decline in prices and production, it would be limited—an order of magnitude less than the average year-to-year variation. Texas Cattle Feeders Association has said they will continue efforts at state and federal levels to require truthful labels and prevent consumer confusion about what they are purchasing.

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Ag Tech - April 19th

Cattle Empire - May 24th

Wheat Harvest (4-week series) - June 7th

County Fair Issue - July 5th

Ag Finance - August 9th

Kansas State Fair Issue - August 30th

DEADLINES:

Hay & Grazing - Wed., March 30th, before Noon

Ag Tech - Wed., April 13th, before Noon

Cattle Empire - May 18th, before Noon


Wheat Harvest - June 1st, before Noon

County Fair issue - June 29th, before Noon


Ag Finance - August 3rd, before Noon

Kansas State Fair - August 24th, before Noon


To advertise in these or future special issues, contact your GRASS & GRAIN sales rep:



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Controlling OWB with late-summer burns

Dr. KC Olson, professor of range beef cattle nutrition and management at Kansas State University, shared his research on the use of late-summer prescribed burns to control Caucasian bluestem, one of the Old World Bluestems that are invading grasslands in Kansas. His study was conducted on a ranch in Ellsworth County and involved eighteen one-acre plots that randomly received one of two treatments: either no burn (control) or burned on August 14, 2019. They then evaluated soil cover, plant composition and forage production annually for two years following treatment. The data indicated that one prescribed burn treatment was associated with a decreased presence of Caucasian bluestem and some increase in native grasses and forbs. It did also show some decline in forage production.

Photo by Donna Sullivan

AGCO Agriculture Foundation donates to Ukraine emergency relief

The AGCO Agriculture Foundation (AAF), a private foundation with the vision to prevent and relieve hunger through sustainable agricultural development, has announced a \$100,000 donation to the World Food Program USA (WFPUSA). The donation will support the United Nations World Food Programme (WFP) emergency relief efforts to provide food assistance for families affected by the conflict inside Ukraine and neighboring countries. Farmers, farming communities, homes, and economies have all been badly impacted by Ukraine's ongoing crisis. In addition, people are fleeing their homes, families, farms, land and businesses. Thoughts and prayers are with our employees, families, and the people of Ukraine during this time of crisis.

“Watching the destruction of lives and lands due to the crisis in Ukraine is deeply troubling,” said Roger N. Batkin, Board Chair, AGCO Agriculture Foundation. “Sustainably feeding the world is core to our purpose, and we are immediately concerned about the food security of the people caught in the Ukraine crisis. Through our community development and humanitarian focus, we are mobilizing an immediate donation to the U.N. World Food Programme's emergency operation to provide food assistance to affected families in Ukraine and its borders.”

The U.N. World Food Programme recently launched an emergency operation seeking \$570M in emergency response to provide food assistance for civilians fleeing the conflict in Ukraine.

AGCO Corporation and the AAF have opened a “ShareTheMeal” team campaign with the U.N. World Food Programme to achieve a 182,000 meal goal in three months as an extension of the total donation. As a result, AGCO employees and concerned stakeholders can donate as individuals or groups to support the ongoing emergency relief and food assistance in Ukraine. Fifty-five cents can provide one meal per day.

“Our first priority was protecting our Ukrainian employees and their families. Our collective concern then quickly shifted to actions we could take to support Ukraine,” said Ivory Harris, chief human resources officer at AGCO. “We are grateful to contribute to the U.N. World Food Programme and to offer our employees the opportunity to contribute to emergency food assistance for Ukraine through our ShareTheMeal team challenge.”

Join the ‘AGCO Ukraine Emergency Relief’ ShareTheMeal

Download the ShareTheMeal app on Google Play or App Store and join the ‘AGCO Ukraine Emergency Relief’ team challenge or directly access the challenge to provide food assistance to families in Ukraine through the U.N. World Food Programme. Through your generous donation, we can reach and feed more people.

\$0.80 can feed a person for a day, covering 2000 Kcal requirements of an adult

\$5.60 can feed a person for a week

\$24 can feed a person for a month (based on 30 days)

\$72 can feed a person for three months (based on 90 days)


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Please join them today to ensure this humanitarian crisis does not become a hunger and food insecurity crisis.

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Be prepared to assist during calving: Part 1

By Tony Hawkins, DVM, Valley Vet Supply Technical Service Veterinarian

“I’ve got a calver, doc.” I hear these words from the other end of the line as I roll over and see that the clock reads 2 a.m. As I ask questions – more to wake myself up than to gather information – I realize I’m going to have to leave the comfort of my warm covers. I tell the farmer that I am on my way, as I start to put on layers to venture out into the cold. The drive is groggy, trying to stay awake between sips of cold, stale coffee left in the truck from the day before. As I pull up, the farmer comes out of the house to meet me and we gather all of my supplies and trek into the barn. I am thankful to be out of the wind, but it is still cold enough inside the barn to feel my breath crystallize in my nose. Lying in the corner is a docile heifer with only one of the calf’s feet sticking out. We get her into the squeeze chute, and I confirm that the calf has one leg back. It’s a big calf, but I am able to get the other leg pulled up and safely deliver the calf.

As cattle producers, I know you have all had experiences similar to this. You should never hesitate to contact your veterinarian if needed, but I

am going to pass on some things that I have learned to help you feel more comfortable with calving assistance.

When to Intervene During Calving

You should provide assistance immediately if you notice an abnormal presentation of the calf (for example, back feet, only one leg, etc.) or when there is no progress after 30 minutes for a cow or 60 minutes for a heifer.

Performing an Obstetrical Examination

After determining it’s time to intervene, the obstetrical examination is the next step. Proper restraint during examination is crucial. I have done my fair share of calving assistance from the end of a rope, and there is a much higher likelihood of getting hurt or losing the calf without proper restraint. Picture this: getting the calf halfway out, and the heifer decides to jump up and spin from side to side as fast as she can. A squeeze chute or a commercial calving pen is well worth the investment.

During the examination, use plenty of lubrication and stay as clean as possible. You are checking for complete dilation of the cervix and presentation of the calf. If the cervix is not dilated, you will feel a tight ring of tissue

about wrist to mid-forearm deep.

Normal calf presentation is both front legs with the head between them. If you are unsure which legs are coming, check the joints. The first two joints of the front legs flex the same way, but the first two joints of the back legs flex the opposite way.

Navigating Common Malpresentations

Malpresentations of the calf will require manipulations to allow delivery. If you get nothing else from this article, please remember this: Do not be afraid to push the calf back in! If there is too much bulk in the birth canal, then it is nearly impossible to safely manipulate and get the legs pulled up.

Leg back: Push the calf deeper into the uterus to get the head out of the birth canal. When the cow strains against you, the calf’s head will want to pop right back into the pelvis, so I often turn the head to the side. Find the leg that is back and pull on the knee joint so you can get to the hoof. You must cup the hoof with your hand as you pull the leg into the pelvis, so the foot doesn’t poke through the uterus. With bigger calves, oftentimes you must push back on the shoulder or knee with one arm while the hand that is cupping the hoof is pull-

ing it into the birth canal. When both legs are in the pelvis, straighten the head and deliver the calf.

Head back: If the shoulders are engaged in the birth canal, push the calf back to get the head turned. The easiest way to grip the head is by the nostrils or to hook the cheek. In my experience, a good percentage of calves that present this way are too big to be delivered safely, so if you are unable to keep the head engaged in the pelvis when you start pulling, the calf likely needs to be delivered by Cesarean.

Backwards: A backwards calf is one that is presented with back feet coming out. You can pull calves this way, but you have to pull them fast so they don’t inhale fluid or asphyxiate. I always use a mechanical calf puller for backwards calves to ensure as fast a delivery as possible. Make sure the tail is tucked down between the back legs before pulling.

Breech: A breech presentation is when the calf is coming tail first and both back legs are down. These can be exceptionally difficult to get the back legs up; I would advise seeking the help of your veterinarian for these. If you must try this on your own, you have to get the calf pushed forward out of the birth canal. Then, with one hand you need to push the hock or the rump forward while your other hand cups the foot and flexes the leg into the pelvis. The fun part is

having to do it again for the other leg.

Once you have the calf coming the right way, it is time for delivery! Stay tuned for Part 2, where we will discuss safely pulling and delivering a calf. Refer back to my last piece, “3 Tips to Keep in Mind This Calving Season,” for best practices to consider. Continue learning and readying for calving season, at ValleyVet.com.

About the author: Valley Vet Supply Technical Service Veterinarian, Tony Hawkins,

DVM, attended Kansas State University’s College of Veterinary Medicine, where he placed focus on mixed-animal practice. Before joining the Technical Service veterinarian team at Valley Vet Supply, Dr. Hawkins practiced veterinary medicine in Marysville, where he was greatly involved in cattle health, including processing, obstetrical work, and servicing the local sale barn. He also is treasured by the community for his care of horses and pets, through wellness appointments and surgery.

Protecting the herd from disease

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

Just as sickness can spread among humans in a close-contact environment, it can as well with beef cattle that are commingled for the first time. However, the experts at the Kansas State University Beef Cattle Institute said there are steps producers can take to lessen the disease risk before bringing a new animal onto the property.

This was the topic of discussion on a recent *Cattle Chat* podcast, featuring the perspectives of K-State veterinarians Brad White, Bob Larson and Brian Lubbers, and Julia Herman, beef cattle specialist veterinarian for the National Cattlemen’s Beef Association.

“When we talk about biosecurity, we are really talking about ways to keep diseases out of our operations,” White said.

The experts agree that the level of disease risk varies across different herds because of the differences in management practices.

“Many commercial cow-calf operations are considered fairly closed herds because they bring few new animals into the herd,” Larson said, referring to a herd that adds a new bull on occasion but raises all its replacement females.

“The more cattle you bring into the herd, the greater the disease risk becomes, leading to an increased emphasis on biosecurity,” Lubbers said.

Making a biosecurity plan

To lessen the risk for disease, Herman advised producers to purchase their cattle from a reputable seedstock operator.

“Reputable seedstock operators test their cattle for diseases before selling them, keep complete records and their cattle are in good condition,” Herman said.

Lubbers stressed the importance of whole herd testing to catch chronic diseases.

“Some diseases may not appear right away, so testing the herd over multiple years is the best practice to ensure that the herd is free of disease,” Lubbers said.

Even when purchasing cattle from a reputable seller, Herman recommends all new cattle go into a 21-30 day quarantine in their new location to be sure they are not carrying unexpected sickness to the rest of the herd.

White added that isolating new cattle from the

rest of the herd can reduce sickness that is transmitted through the air.

“We need to make sure the new cattle don’t have nose-to-nose contact with the rest of the herd for that isolation period,” White said.

Larson suggested that new cattle be placed in a pasture separated by a gravel road or other barrier that gives the animals a distance greater than a fence line.

The experts also suggest working with a local

veterinarian to discuss a biosecurity plan before a disease outbreak.

White said: “Disease plans that happen after there is a problem are not nearly as effective as pre-emptive plans. A little planning goes a long way toward total herd health.”

To hear the full discussion, listen to the *Cattle Chat* podcast online. For health guidance tips on building a biosecurity plan, go to the NCBA Beef Quality Assurance or Secure Beef Supply website.

ANNUAL CONSIGNMENT AUCTION

SATURDAY, MARCH 26, 2022 * 9:00 AM

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TIME TRAVEL ANTIQUES & GIFTS ONLINE AUCTION * Sterling, KS

Michelle West has closed her store and is selling the merchandise and inventory to the highest bidder. *Some of the items:* Oddfellows Lodge oak armchairs, HO scale train and train track, Banker's Boardroom table, Primitives, Vintage dining room table & chairs, Good selection of gift items, Shelving-metal and wood, Filing cabinets.

ONLINE BIDDING OPENS: Thursday, March 17, 8:00 a.m.

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Pickup is Friday, March 25 * 1-7 p.m.

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SATURDAY, MARCH 26, 2022 — 9:00 AM

Auction held at Holton Livestock Exchange, 13788 K16 Hwy (1/2 mile East of Holton), HOLTON, KANSAS

We will be running 2 Rings most of the day, please bring a friend & plan on spending the day with us!

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2010 Maurer 24' Grain Hopper Trailer/side chute; 1998 Trava-long 20' GN Stock Trailer, Expanded Metal on Wood Floor; Star 20'+4' Tilt Dovetail GN Flat-bed Trailer, sngl 7000# Axles, Newer Rubber; 1998 Donahue 7'x16' Enclosed GN Horse Trailer, 7000# Axles; C&M 6's16' Bumper Hitch Stock Trailer; Homemade GN 8'6"x24'8" Flat-bed Trailer, No Title; Pintle Hitch Tree Hauling Trailer.

MACHINERY

3 pt. 250 gal. Sprayer/24' Booms; Dempster 5T Fertilizer Spreader; Ford 5' 3 pt Rotary Mower; 10" Wheatearth Drive Over Hopper; Krause 4241HR 30' Field Cultivator; 7'x14' Box Wagon; Westfield MK 100-36 Auger, Low Profile Swing Out Hopper; 8' 3 pt Blade; JD 407 Rotary Mower; P&H 3 pt 13 shank Anhydrous Applicator/Continental Hyd Shutoff; Neco elec. Grain Cleaner; Danuser 3 pt. F8 Post Hole Digger/ 9' & 16' Bits; GT 350 bu Grain Dryer; Rhino HD 10' 3 pt. Blade/Tilt & Angle; 30' Auger, needs Tube; Bush Hog RDT84 3 pt Finish Mower, Like New; Speed King 14' Hyd Conveyor, 6' Tube; Westendorf Hyd Seed Auger; IH 37 10' Wheel Disk, Ex Cond.

HAY & HAY EQUIPMENT

(22) 2021 Big Round Brome Hay, Sprayed & Fert. 1460#, Net Wrap; (11) 2020 Big Round Brome Hay, 1460#, Net Wrap; (18) 5x5 Corn Stalk Bales, Net Wrap; 2018 NH RB560 Specialty Crop Baler, 1784 Bales, Net, Always Shedded; 2008 Vermeer TM800 10'5" Disc Mower, Pull Type; Small Square Bale Pop Up Loader; 1998 JD 566 Baler, String, 13,335 Bales; NH 273 Square Baler, Plastic or Sisal Twine; H&S 10 Wheel Hay Rake, Hyd Fold; Older Oliver Hay Rake, Trail Type, Needs Work; Homemade Bumper Hitch 6 bale Trailer; Vermeer 605F Baler, String; JD 3 wheel Side Delivery Rake, Trail Type; (2) JD 1209 9' Swathers; Hesston 6610 14' Self Propelled Swather; Kelderman 10 wheel Hay Rake; Numerous

Wire Cattle Panels & Gates; Hay Rings; Hesston 1275 16' Swather; IH 430 Square Baler, Twine, Always Shedded; MF 1565 Big Round Baler, Twine; Kuhn Hay Tedder 3 pt/Wheels, Like New; NH 258 Hay Rake/ Dolly Wheel; Ford 3 pt. 6' Disc, Nice; NH 499 12' Swather; NH 488 Swather, Good Shape.

LIVESTOCK EQUIPMENT

60 Free Standing 24' Cattle Panels, Groups Of 10 Panels, 1 with Gate; Horse Chute; Mechanical Livestock Scales for Alleyway; Misc. Pig Creep Feeders; (14) 8' Concrete H Bunks; Pickup Stock Racks; (2) PVC Round Bale Feeders; (2) Plastic Feed Carts on Wheels; 6T Upright Bulk Bin; 3T Upright Bulk Bin.

SKID LOADERS, EXCAVATOR & ATTACHMENTS

Gehl 5640E, Turbo, Dsl, OROPS, 1502 Hrs, Good; 1994 Bobcat 853, Dsl, Foot Controls, Cab, Shows 2504 Hrs; Unused Lowe 750 Auger/12" & 15" Bits; Unused Stout 84" Flat Bottom Tooth Grapple; Unused Stout 72" Flat Bottom Tooth Grapple; (5) J&M Mfg Bale Stabbers; Stout Full Back Pallet Forks; (5) Quick Attach Plates; (4) 12x16.5 Solid Rubber Skid Loader Tires; 80" Light Duty Root Grapple.

SHOP EQUIPMENT & MISC.

Approx. 160 pcs. 1/4"x2" Angle Iron, 10', 15', 20', 25', New, Powder Coated; Numerous 4" Channel Iron, 6', 8', 14', 18', New, Powder Coated; Numerous Other Piles of New Iron, Powder Coated; (2) 275-18 Tires; (20) 55 gal. Barrels; (4) 250 gal. Totes; Several Trailer Loads of Misc.; 54 pcs 2x8 Plastic Interlocking Paneling, 7'6" Long; Kalamazoo H13A Industrial Metal Band Saw, Hyd. Clamp & Raise, 3 phase.

BUILDING & BUILDING MATERIALS

1000 bu. Corn Crib, New, still in box. **LAWN & GARDEN**
SS Smoker on Wheels 21"W, 42"L, 36"T; JD LA105 42" Riding Mower; Grasshopper 718 Mower, 52" Deck, 20" Hp Kohler; Grasshopper 720K, 61" Deck.

HEDGE POSTS

200-300 Hedge line & corner posts.

NOTES: Any item to be Broadcast on Equipmentfacts for Online Bidding, needs to be delivered by Wednesday, March 16, for proper exposure. We attempt to have all trailer loads of miscellaneous under cover until day before auction but cannot guarantee that. We would appreciate if you deliver a trailer load of misc. tools, etc, that you cover the items with a tarp in case of inclement weather. It would be highly appreciated to have all items delivered by Noon on Friday, March 25. Thank You.

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Kansas Corn joins petition challenging EPA rule requiring shift to electric vehicles

The Kansas Corn Growers Association (KCGA) joined five other state corn associations and other biofuels groups in a petition challenging the EPA's recent greenhouse gas (GHG) tailpipe emissions rule for cars and trucks which seeks solutions solely through electric vehicles. KCGA supports actions to reduce GHG emissions but opposes arbitrary regulatory actions attempting to mandate a single technology to meet those goals.

"EPA's emissions rule is basically a mandate

for electric vehicles. The clean ethanol fuel produced from our crops is already reducing tailpipe emissions as much and more than electric vehicles," said KCGA president Brent Rogers of Hoxie. "In today's economy, Americans are looking for affordable green solutions. Ethanol fuel blends already lower the price of fuel and lower tailpipe emissions. Liquid fuels with ethanol are the affordable greenhouse gas solution for the affordable vehicles that are used by nearly every American

driver today."

This legal challenge by the corn and biofuels groups is the result of an unprecedented move from the EPA to transform the future of the U.S. transportation industry, declaring electric vehicles the clear winner. Kansas Corn and the co-signers point out that such a significant policy shift requires an act of Congress with clear intentions to change the future of internal combustion engines, liquid fuels, and electric vehicles. This challenge to the EPA's au-

thority and the reasoning behind it are consistent with past climate control policies.

"If the policy goal is to address the challenges of climate change, we need regulations that recognize and encourage all low-carbon technologies able to contribute to the goal. If EPA's goal is to unilaterally phase out liquid fuels, it must seek congressional authorization to do so. EPA must recognize all pathways to reduce GHG emissions from the transportation sector—including

liquid fuels," Kansas Corn CEO Greg Krissek said.

In the petition, the corn and ethanol groups ask the U.S. Court of Appeals for the D.C. Circuit to set aside EPA's final GHG standards for passenger cars and light trucks. This new standard aims to mandate a single technology—electric vehicles—to reduce emissions. In the petition, the corn and bio-fuel groups state that policies written to exclude any technologies other than electric, stifle the in-

novation that could create real sustainable change for the future.

"It is deeply frustrating that EPA would ignore biofuels as a climate solution, and instead attempt to mandate the use of electric vehicles that are dependent on the power grid to charge their batteries made with rare earth minerals mined on the other side of the world. It makes more sense that green solutions would come from the green plants we grow on our American family farms," Rogers said.

Megan Niederwerder named new associate director of SHIC

The Swine Health Information Center (SHIC) is pleased to announce Megan Niederwerder, DVM, Ph.D., has been chosen for the new role of associate director. Most recently an assistant professor in the Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine at Kansas State University, Niederwerder has an expected start date of April 1 with SHIC. "The SHIC mission is consistent with my professional goals of increasing the efficiency of pork production through improving swine health," Niederwerder commented. "It is an honor to be named the first associate director and I look forward to contributing to the breadth of swine health and disease objectives led by SHIC for the industry."

In November 2021, the National Pork Board Board of Directors provided an additional \$15 million to fund the SHIC for another five-year period, through 2027. Subsequent to this extension, the SHIC Board of Directors approved add-

ing the role of associate director for the organization.

"The addition of Megan as associate director will help to make SHIC even more impactful and able to meet the needs of pork producers," remarked SHIC executive director Paul Sundberg, DVM, PhD, DACVPM. "We'll be able to multiply return-on-investment results as SHIC remains faithful to its mission to protect the health of the US swine herd through comprehensive preparedness, monitoring, response, and communications activities."

Specifically, Niederwerder will assist Sundberg in directing overall expectations and accountability as well as ensuring quality programs and services. This includes collaborating to provide oversight and implementation of the Center's budget, long-range planning, and strategic initiatives. Additionally, Niederwerder will interact closely with the pork community, assisting efforts to build awareness of SHIC, establish and maintain working

relationships in the pork industry, and successfully meet the Center's mission.

"SHIC continues to deliver beyond expectations to the swine industry," stated Daryl Olsen, DVM, chair of the SHIC Board of Directors. "As the scope of our efforts in prevention, preparedness, and response to emerging and potential foreign swine disease issues grows, so does our need for qualified leadership for the organization. Megan will be an outstanding addition to SHIC with her experience, passion, and knowledge."

After earning her veterinary degree at Kansas State University, Niederwerder was in clinical practice for three years. Upon her return to Kansas State, she obtained her Ph.D. in infectious diseases of swine, including research projects involving porcine reproductive and respiratory syndrome virus, porcine circovirus type 2, and porcine epidemic diarrhea virus. "My dissertation research as a veterinarian scientist was related to the clinical response of swine to viral diseases," she explained. "I developed a passion for the health and prevention of disease in swine as well as productivity of the U.S. pork industry."


During her time as a faculty member in academia, Niederwerder led an internationally renowned research program on viral diseases of swine with focus areas on the risk and mitigation of African swine fever virus introduction through feed and the

use of the gut microbiome as an alternative tool for porcine respiratory disease. "I see improvements in swine health to be two-fold, including increasing the health of swine with endemic disease exposure and decreasing the risk of foreign animal disease exposure," Niederwerder said.

"SHIC is well-positioned to lead the generation of novel swine health data, be the foremost global swine disease news source, and address challenges to swine health with creative solutions for stakeholders," Niederwerder concluded. "I look forward to advancing the SHIC mission through the role of associate director and working with Paul, the SHIC Board of Directors, and the SHIC Working Groups to serve the needs of US pork producers."


SHIC, launched by the National Pork Board in 2015 solely with Pork Checkoff funding, continues to focus efforts on prevention, preparedness, and response to novel and emerging swine disease for the benefit of US swine health. As a conduit of information and research, SHIC encourages sharing of its publications and research. Forward, reprint, and quote SHIC material freely. SHIC is funded by America's pork producers to fulfill its mission to protect and enhance the health of the US swine herd. For more information, visit <http://www.swinehealth.org> or contact Dr. Sundberg at psundberg@swinehealth.org.

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JC LIVESTOCK SALES INC.
Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from March 9, 2022

STEERS					
8 blk	524	206.50	11 mix	423	181.00
10 mix	467	194.10	14 blk X	462	175.50
32 blk X	625	185.00	21 blk	530	173.50
39 bkRd	685	164.50	16 blk	579	165.00
52 blk X	724	155.75	18 blk	615	158.50
20 blk	745	150.00	10 blk	850	135.75
32 blk	773	147.75	42 blk	746	134.00
41 blk	847	146.00			
8 blk X	1039	125.50			

TOP BUTCHER COW: \$87.00 @ 1,400 LBS.

HEIFERS					
5 mix	397	182.00			

TOP BUTCHER BULL: \$113.00 @ 2,070 LBS.

**SPECIAL TACK & HORSE SALE
SATURDAY, MARCH 26**
Tack Sale: 9 a.m. • Horse Sale: 1 p.m.
Catalog 1st followed by all others checked in the day of the sale!
Questions? Call: 785-223-7533 * Catalog Deadline: March 11

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MITCH LANGVARDT
Cell: 785-761-5814

LYNN LANGVARDT
Cell: 785-761-5813



CLAY CENTER LIVESTOCK SALES INC.
Cattle sales Tuesday, 11:00 AM.

Report from March 8, 2022


STEERS					
11 blk	493	189.00	8 blk	571	152.00
14 blk	616	178.50	6 Chr	652	136.50
8 mix	651	167.00	29 blk	755	136.00
17 blk	699	165.00	6 blk	808	133.25
8 mix	754	150.00	15 blk	866	132.50
5 mix	829	139.00			

TOP BUTCHER COW: \$90.00 @ 1,415 LBS.

HEIFERS					
3 blk	310	160.50			
8 blk	415	158.00			
12 blk	514	154.00			

TOP BUTCHER BULL: \$117.00 @ 2,175 LBS.

SPECIAL ALTERNATIVE ANIMAL AUCTION
Saturday, April 23 & Sunday, April 24



Clay Center, Ks • Barn Phone 785-632-5566
Clay Center Field Representatives:
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EMPORIA LIVESTOCK SALE CO.
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SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM
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Date: 3/9/22. Total Head Count: 939.
COWS: \$55-\$87; BULLS: \$98-\$107. light test.

BULLCALVES	
8 mix.....433@220.00	21 mix.....564@211.00
20 mix.....543@190.00	6 mix.....555@205.00
8 mix.....768@141.00	20 mix.....543@201.00
BRED COWS	
6 blk.....1495@1410.00	20 mix.....542@196.00
HEIFERS	
6 blk.....402@197.00	12 blk.....575@196.00
5 blk.....494@188.00	4 blk.....571@193.00
4 mix.....524@184.00	13 mix.....595@173.00
15 mix.....524@180.00	29 blk.....607@198.00
12 blk.....542@178.00	16 mix.....630@194.00
27 blk.....599@166.50	7 mix.....625@185.00
12 mix.....554@165.00	23 bkbw.....608@176.00
4 mix.....614@136.00	4 mix.....618@167.00
19 mix.....714@149.00	11 mix.....616@160.00
10 mix.....850@134.50	5 blk.....660@160.00
18 bkbw.....899@134.00	5 mix.....621@151.00
5 mix.....901@133.50	16 mix.....738@153.50
PAIRS	
4 blk.....1520@1525.00	9 mix.....785@144.00
STEERS	
9 mix.....329@233.00	15 mix.....835@148.75
21 mix.....469@220.00	10 mix.....815@148.25
10 mix.....433@193.00	40 mix.....828@147.00
	67 mix.....823@146.50
	73 mix.....883@144.00
	82 mix.....907@142.85

EARLY CONSIGNMENTS FOR MARCH 16
• 85 bwf pairs & bred cows, 2-8 yrs old, Hinkson Influence.
• 25 blk str & hfrs, longtime weaned & 2 rds shots, 500-600#
• 80 blk str & hfrs, longtime weaned & 2 rds shots, 550-850#
PLUS MORE BY SALE TIME!

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Time for green-up; time to evaluate fall armyworm damage

By David G. Hallauer, Meadowlark Extension District crops, soils and horticulture agent

As I write this, temperatures are below freezing with snow on the ground. By the time you read it, daytime highs may have a six in front of them. This is typical of spring in Kansas, and also means our cool season grass species (brome/

Farmer sentiment rises during

Farmer sentiment continues to fluctuate month-to-month as the Purdue University/CME Group Ag Economy Barometer rose 6 points to a reading of 125 in February, a mirror image of the previous month. The Index of Current Conditions was down 1 point to a reading of 132, while the Index of Future Expectations improved 10 points to a reading of 122. The Ag Economy Barometer is calculated each month from 400 U.S. agricultural producers' responses to a telephone survey. This month's survey was conducted Feb. 14-18, days before Russia's invasion of Ukraine.

The Farm Financial Performance Index remained unchanged in February at a reading of 83. However, the sharp drop in the index, down 27% from late 2021 to 2022, in-

fescue) will be headed for green-up sooner than later. It also means an opportunity to evaluate armyworm damage from last fall.

Evaluation can be done in various ways. A quick and simple way is to walk fields looking for differences in dormant canopy cover. You'll likely see relatively quickly where stands recover

icates producers expect

financial performance in 2022 to be worse than in 2021. The financial index is generated based upon producers' responses to whether they expect their farm's current financial performance to be better than, worse than or about the same as the previous year.

Higher input costs have consistently been the number-one concern identified by farmers over the

ered in the fall because they'll have some level of dormant foliage covering the soil surface. If you drag your foot along the ground, any canopy cover in the heavily fed on areas will likely be dislodged, revealing bare ground surfaces.

As telling as the aforementioned evaluation may be, you can learn even more by digging up

commodity price rally; concern

past six months, according to results from the Ag Economy Barometer survey. To gain additional insight into the concerns of producers, last month respondents were provided with a more detailed set of possible responses when answering this question. While a majority still consider input costs as their number one concern (47%), it was followed by lower output prices (16%), environmental policy (13%), farm policy (9%), climate policy (8%), and COVID-19's impact (7%).

Tight machinery inventories continue to be a problem. In February, over 40% of producers stated that low farm machinery inventories are holding back their investment plans. While plans for farm building and grain bin construction were more optimistic this month, 56% still said their

some plants as you walk fields. Dig some in a good area as a reference, then compare it to other areas throughout the field. You will likely see differences in below ground moisture and root mass. While difficult to say with any certainty without magnification if roots are alive or not, you can look for new shoot growth at the base of crowns. Some plans for new construction are below the previous year.

Thirty percent of corn and soybean producers say they've had difficulty purchasing crop inputs from their suppliers. In a follow-up question posed to corn and soybean producers who said they experienced difficulty procuring inputs, herbicides are the most problematic input to source followed by fertilizer and farm machinery parts. To learn more about how crop producers are responding to surging fertilizer prices, corn producers were again asked if they plan to change their nitrogen fertilizer application rate in 2022 compared to the rate used in 2021. One-third of corn producers in this month's survey said they plan to use a lower nitrogen application rate this year than in 2021, compared with 37% of corn

stands aren't showing anything at all just yet, but others have begun to show below ground shoot growth, meaning plants still have the potential for some level of recovery.

If plants didn't go in to dormancy with good root energy reserves because of feeding injury, recovery will likely be slowed to a degree. A quick ob-

producers who said they planned to reduce their nitrogen application rate when surveyed in January. Each winter, the barometer survey asks producers to project their farm's annual growth rate over the next five years. In 2022, 53% stated they either had no plans to grow or plan to retire/exit in the next five years, 19% expect their farm's annual growth rate to range from 5%-10% and while 18% expect their farm's annual growth rate to be less than 5%.

The need for better broadband coverage in rural areas has been highlighted in several legislative proposals at both the

servation of stand cores we're growing out right now in the office would suggest damaged areas are in some cases seven to ten days behind undamaged areas when it comes to the green-up process. Patience will be key this growing season if we're going to try to allow stands to recover before making a replant decision.

state and national level. The February barometer survey included a question asking respondents to characterize the quality of their farm's internet access. Just three of ten respondents said they had "high-quality" internet access, 41% said "moderate quality," 16% chose "poor quality" on the survey, and 12% stated that they did not have internet access at all. Responses to this question suggest that nearly three of 10 farms in this month's survey are unable to take advantage of many applications and services which require reasonable quality internet access.

Facility maintenance and mud management covered on Cattle Chat

By Grace Jacobson, K-State Research and Extension news writer

When riding a rollercoaster, sometimes the moment of greatest anxiety is at the top of the ride before the passenger plummets to the bottom.

Like people, cattle can also experience stress when being processed in a facility that is not set up well for their natural movement, said Kansas State University beef cattle experts on a recent Beef Cattle Institute Cattle Chat podcast.

Facilities management
Proper handling and facilities are as important as a well-balanced diet for cattle said the experts. Optimal facilities lead to efficient weight gain and greater herd health.

"We have to understand how to use the types of facilities that we have," said veterinarian Brad White.

Before processing in the spring, the experts said that winter is a good time to assess the cattle handling facilities and make any necessary adjustments.

"It is important to have the gates set up where cattle can move easily," said Phillip Lancaster, BCI nutritionist. He added that requiring the cattle to make a lot of right-angled turns will slow them down moving through the handling facilities.

"The best facilities allow for cattle to move naturally," Lancaster said.

Veterinarian Brian Lubbers added: "The No. 1 mistake that I have seen is people overcrowding or overfilling a tub system because they think it's more efficient. They're getting

more in, but the cattle don't move as efficiently."

The safety of both people and cattle is a key concern. Lubbers said having people properly trained with the right attitudes is an important factor in maintaining safety for all.

Muddy matters
Along with cattle handling facilities, mud can also have an impact on the stress of the cattle in the winter and early spring, according to K-State's experts.

White said with temperatures swinging from 5 below to 55 degrees Fahrenheit, mud can quickly accumulate throughout lots.

"Mud may contribute to some health issues, but the main thing we see is a decrease in the efficiency of nutrient use by cattle," White said.

Mud is primarily created where cattle spend most of their time – feeding and water areas. Areas with deep topsoil can also expect mud to accumulate faster than areas with shallow topsoil, according to Lancaster.

"One of the ways we help control mud is to move things around," Lubbers said. "Whether it's hay or cubes or whatever, moving feeding areas around helps at least mitigate it a little bit."

Lancaster added: "Another way to reduce mud is to unroll hay on the ground where the cattle are able to spread out to eat. But unrolling excess hay on the ground can increase hay wastage."

To hear the full discussion, listen to the Cattle Chat podcast online.

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 8, 2022
RECEIPTS: 1050 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
WWW.HOLTONLIVESTOCK.COM

STEERS	HEIFERS
11 blk Goff 434@216.00	8 blk Whiting 439@188.50
13 blk Baileyville 376@213.00	5 blk char Kan City,KS 383@183.00
5 blk Atchison 530@211.00	7 blk Goff 475@180.00
10 blk char Kan City,KS 419@209.00	10 blk red Goff 455@180.00
6 blk Whiting 486@205.00	5 blk Atchison 491@179.00
4 blk Sabetha 592@203.00	7 blk rwf Wetmore441@175.50
24 blk Goff 604@200.00	12 mix Oskaloosa 466@172.50
7 blk char Everest 568@195.00	14 blk Goff 528@171.00
16 blk Baileyville 467@194.00	5 blk bwfMeriden 531@163.00
16 blk Whiting 606@189.00	28 blk Whiting 606@157.50
10 blk Baileyville 540@179.00	7 blk bwfSabetha 584@155.00
19 blk Whiting 685@159.75	13 blk red Oskaloosa 548@155.00
6 mix Everest 710@153.00	8 bwf rwf Wetmore620@154.50
6 blk Goff 808@147.00	14 blk Goff 661@148.00
9 blk Vermillion 856@146.00	
9 blk Oskaloosa 796@144.00	
25 bwf rwfDella 940@134.75	

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See Ad on PAGE 21 of This Issue of Grass & Grain!

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Offering for sale at Public Auction, located at 6135 N. Sand Hill Rd., BURRTON, KS from the intersection of Burmac Rd. & U.S. Hwy. 50 at Burrton, 6 miles north, 2 miles east & 1/4 mile north.

TRACTOR, FARM ITEMS, FURNITURE & HOUSEHOLD
2005 JD 5103 diesel tractor with 512 loader, 3 pt., hyd., pto, rol bar & top, 2153 hrs.; 3 pt. mover; Bush Hog 5' rotary mower; shop built 3 pt. blade; yard drag; (2) 4 wheel bale trailers; pickup bale spike/carrier; 1988 Chev. Scottsdale 3500 4x4 pickup, rear differential out, needs work; JD X300 42" riding mower; Ariens rototillers; Thunder Karts go-kart; 3 spot sprayers; Milwaukee deep cut band saw; battery chargers; 10 hp generator; pedestal grinder; shop tables; hyd. cyl.; log chains; socket sets; wrenches; floor jack; cement mixer; wheelbarrow; Fairbanks platform scale; rock buster; ext. ladder; T-posts; elec. fence posts; barbed wire; elec. fence wire; tires & wheels; post driver; cattle panels; round bale feeders; 5 sq. bales of Alfalfa; hay sling; hardware; misc. lumber; garden hose; rain trains; JD windmill; Purple Martin house; jack stands; molen traps; vise on stand; bolt cutter; shelving; hand tools; air chisel & bits; rendering kettle; wash tubs; steel wheels; table saw; live traps; coaster wagon; folding tables; tent; trikes; cream can; ammo boxes; pile of bricks; enamelware; crock bowl; gas grills; Weber grill; patio table; Marlin mo. 57 .22 lever action rifle; Hi Standard Sport King .22 pistol; Silver Streak BB gun; Daisy BB gun; washboard; granite coffee pot; yard sticks; Tonka, Buddy L & Nylint toys; refrigerator; 3 pc. bedroom set; Duncan Phyfe table; elec. heaters; microwave; sewing cabinet; quilters cutting table; 8 homemade quilts; Chenille spreads; old wool blankets; tea pot collection; coolers; metal detector; Pfaltzgraff dishes; Noritake china & more.

CHARLES & JOYCE WATKINS, SELLERS

VAN SCHMIDT • Auctioneer/Real Estate
7833 N. Spencer Road, Newton, KS 67114
620-367-3800 or 620-345-6879
www.hillsborofreepress.com

Schmidt Clerks & Cashiers / Lunch by: Silver Spur Concessions
TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements.

Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045
620-583-5008 Office 620-583-7475

Sale Every Thursday at 11:30 a.m. Sharp

Like Us On Facebook!

On Thursday, March 10th, we had 763 head of cattle on a lower but active market.

STEERS			HEIFERS		
6 ChrX 448@210.00	3 bwf..... 977@135.00	10 bkbwif 703@144.00			
19 bkRd.... 483@209.00	5 blk..... 1121@125.00	64 mix 714@142.90			
12 bkbwif 570@205.50		17 Chr 733@142.00			
10 bkRd.... 557@193.00	7 blk 346@183.00	8 Chr 731@138.00			
6 Chr..... 597@181.25	27 bkbwif 510@175.00	4 blk 784@136.00			
23 bkbwif 664@170.50	27 ChrX 525@170.00	2 blk 928@133.00			
21 bkbwif 721@159.00	10 bkRd 505@170.00	5 blk 796@132.00			
23 Chr 701@152.25	18 bkbwif 567@168.50	3 blk 1025@121.00			
9 blk..... 783@148.50	13 blk 630@159.00	4 bkbwif 1123@114.00			
10 bkbwif 803@147.85	34 bkChr 638@154.50	2 blk 1215@108.00			
17 ChrX... 803@145.25	33 Chr 633@154.00				

Butcher Cows: \$47-\$92, mostly \$75-\$85; very active.
Butcher Bulls: \$78-\$115.50, mostly \$105-\$110, very active.

BUTCHER COWS		BUTCHER BULLS	
1 Brangus 1195@92.00		1 Angus 1850@115.50	
1 Yellow 1690@87.50		1 Angus 1780@114.00	
1 Red 1585@87.00		1 blk 1795@110.00	
1 Brangus 1510@87.00		1 Brangus 1545@110.00	
1 blk 1570@87.00		1 blk 1595@109.00	
1 blk 1545@87.00		1 blk 1720@108.00	
1 Red 1500@86.00		1 wif 1640@108.00	
1 blk 1310@85.00			
1 Hols 1595@85.00			
1 Hols 1545@83.50			


EARLY CONSIGNMENTS FOR MARCH 17

- 200 Angus & bwf, few rbf strs, 400-650 lbs.
- 100 Angus & bwf hfrs, 400-650 lbs., home raised, longtime weaned & dbl. vac. Dry wintered, all natural, very fancy.
- 95 Angus & bwf, few rbf strs & hfrs, 400-600 lbs., home raised long time weaned & dbl. vac.
- 40 blk Red strs & hfrs, 400-550 lbs., home raised, long time weaned & dbl. vac.
- 130 Angus strs, 600-850 lbs., home raised, long time weaned & dbl. vac.
- 75 blk bwf rbf strs & hfrs, 700-900 lbs., home raised, long time weaned & dbl. vac.
- 15 blk rbf cows, 4-9 yrs old, heavy Springers or pairs.

We appreciate your business!

Ron Ervin - Owner-Manager
Home Phone - 620-583-5385
Mobile Cell 620-750-0123
Austin Evenson- Fieldman
Mobile Cell 620-750-0222

If you have any cattle to be looked at call Ron or Austin



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

www.centrallivestockks.com

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

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

SALE RESULTS: 3-8-22

Steers	Heifers
300-399# \$185.00-\$240.00	300-399# \$170.00-\$185.00
400-499# \$165.00-\$220.00	400-499# \$165.00-\$180.00
500-599# \$160.00-\$200.00	500-599# \$150.00-\$167.00
600-699# \$150.00-\$185.00	600-699# \$140.00-\$155.00
700-799# \$145.00-\$162.00	700-799# \$135.00-\$145.00
800-899# \$140.00-\$147.00	800-899# \$120.00-\$135.00
900-999# \$130.00-\$138.00	

Sat., March 19th-Hog/Sheep/Goat Sale
Tues., March 22nd-Calf/Yearling Special
Tues., March 29th-Bred Cow/Pair Special
ALL WEIGH COWS & BULLS SELL AT THE END

EL DORADO

LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159
2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042

Market Report - Sale Date 3-10-22. 1250 head.

300-400 lb. steers, \$183-\$215; heifers, \$170-\$201; 400-500 lb. steers, \$175-\$214; heifers, \$181-\$203; 500-600 lb. steers, \$172-\$199; heifers, \$158-\$179.50; 600-700 lb. steers, \$150-\$189; heifers, \$136-\$159; 700-800 lb. steers, \$137-\$153.50; heifers, \$125-\$141.50; 800-900 lb. steers, \$128-\$145.75; heifers, \$109-\$133. **Trend on Calves:** Hfr calves steady to \$5 lower; str calves mostly \$6-\$12 lower w/a little less overall quality. **Trend on Feeder Cattle:** Feeder hfrs \$4-\$7 lower on light test; strs mostly \$3-\$6 lower. **Butcher Cows:** High dressing cows \$75-\$88.50; Avg. dressing cows \$60-\$74; low dressing cows \$45-\$58. **Butcher Bulls:** Avg. to high dressing bulls \$73-\$104. **Trend on Cows & Bulls:** Steady w/firmer undertone.

Some Highlights Include:

HEIFERS			
16 blk 384@191.00	14 blk 490@196.00	11 blk 406@212.50	
8 blk 433@181.00	69 mix 546@195.00	40 blk 490@196.00	
11 blk 485@179.00	44 blk 599@186.00	611@189.00	
23 blk 525@178.50	17 mix 611@189.00	687@167.00	
10 mix 583@162.00	29 mix 687@167.00	739@153.50	
27 mix 614@159.00	72 blk 739@153.50		
14 mix 685@141.50	45 mix 857@145.75		
6 blk 774@137.00	186 blk 874@144.20		
10 mix 854@131.00	57 mix 900@142.00		
	12 blk 941@132.50		

13 blk 349@215.00

Thursday, March 17, 11:00 AM
• 50 black steers, HR, shots, 575-650 lbs.

Saturday, March 19, 11:00 AM
Special Saturday Cow Sale * Expecting 500-700 head
• 15 Angus heifer pairs, 1200# pairs
• 10 black & red heifer pairs
• 38 1st calf heifers, home raised, half with calves & half are heavy bred
• 30 black & red heifers, most have calves w/balance being heavy bred
• 20 black heifer pairs with December calves, exposed back
• 35 black 3-4 year old pairs, been running back with Angus bulls
• 32 Fall black SimAngus pairs exposed back to SimAngus bulls
• 161 mostly Angus or Angus composite 5 year and older cows, bred to black Gelbvieh bulls, some will already have calves
• 78 Running age red & black fall cows bred to black Angus bulls. bulls put in November 25th for 80 days.
• 40 mostly black running age cows, heavy bred, calve now till May 15
• 35 black/bwf 1st calf heifer pairs, HR
• 50 mixed running age cows, 2/3 will have calves, balance will be heavy bred & some pairs bred back

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
To stay up to date on our latest announcements you can "Like" us on Facebook

Josh Mueller Owner/Barn Manager (316) 680-9680	Van Schmidt Auctioneer/Fieldman (620) 345-6879
Seth Greenwood Asst. Barn Manager/Fieldman (620) 583-3338	Barrett Simon Auctioneer/Fieldman (316) 452-1792
Kyle Criger, Fieldman, (620) 330-3300	

Cattle Sale Every Thursday 11:00 AM

Lab meat faces industry challenges

While cultured meat companies have seen a spike in investments since last year, experts point to three big challenges when it comes to growing meat in a lab. These include high costs, scaling and biology. While cultivated meat startups are trying to pursue price parity with traditionally raised livestock animal protein, research shows the lowest price for lab-cultured meat could amount to between \$17 and \$23 per pound of product,

GreenBiz reports. Traditional ground beef was less than \$5 per pound in December. The industry also faces scaling issues. According to a report by management consulting company McKinsey, to build out cultivated meat production to reach one percent of the protein market, labs would need between 220 million to 440 million liters of fermentation capacity, or roughly 88 to 176 Olympic-size swimming pools.

Currently, the biopharma industry has less than ten swimming pools of capacity. The production process of lab-grown meat also faces potential biological limitations. According to Celia Homyak, program manager of the Alternative Meat Lab at UC Berkeley, mammalian cells are sensitive to high cell density, low nutrient needs and high waste products and thus die more easily during the cultivation process.

Grass & Grain Weather Report March 16, 2022

Seven Day Forecast

WEDNESDAY
Partly Cloudy
High: 73 Low: 42

THURSDAY
Mostly Cloudy
High: 64 Low: 43

FRIDAY
Mostly Cloudy
High: 60 Low: 38

SATURDAY
Mostly Sunny
High: 64 Low: 41

SUNDAY
Mostly Cloudy
High: 63 Low: 42

MONDAY
Few Showers
High: 63 Low: 44

TUESDAY
Rain & Snow Possible
High: 63 Low: 41

In-Depth Local Forecast

Today we will see partly cloudy skies, high of 73°, humidity of 30%. South wind 7 to 14 mph. The record high for today is 86° set in 2015. Expect mostly cloudy skies tonight, overnight low of 42°. Southeast wind 7 mph. The wind chill for tonight could reach 41°.

Last Week's Almanac

Date	Hi/Low	Normals	Precip
3/4	75/36	52/26	0.00"
3/5	78/31	52/26	0.36"
3/6	37/25	52/26	0.36"
3/7	36/14	53/27	0.01"
3/8	44/13	53/27	0.00"
3/9	38/23	54/27	0.00"
3/10	24/19	54/28	0.14"

Rainfall 0.54"
Normal rainfall 0.56"
Departure -0.02"
Average temp 38.2°
Average normal 39.8°
Departure -1.6°

Today's Local Outlook

Washington 69/48 Blue Rapids 72/41 Seneca 74/41

Clay Center 72/41 Manhattan 73/42 Wamego 74/43

Ogden 69/40 Junction City 73/43

Ablene 73/41 Council Grove 73/44

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonset
Wednesday	7:36 a.m.	7:34 p.m.	6:00 p.m.	7:09 a.m.
Thursday	7:34 a.m.	7:35 p.m.	7:07 p.m.	7:36 a.m.
Friday	7:33 a.m.	7:36 p.m.	8:14 p.m.	8:02 a.m.
Saturday	7:31 a.m.	7:37 p.m.	9:23 p.m.	8:27 a.m.
Sunday	7:30 a.m.	7:38 p.m.	10:34 p.m.	8:54 a.m.
Monday	7:28 a.m.	7:39 p.m.	11:47 p.m.	9:23 a.m.
Tuesday	7:26 a.m.	7:40 p.m.	Prev Day	9:57 a.m.

Full 3/18 Last 3/25 New 4/1 First 4/9

Weather History

March 16, 1982 - A winter storm brought heavy snow and high winds to the southwestern United States. Winds gusted to 60 mph at Lovelock, Nev., Salt Lake City and Fort Carson, Colo. Snow fell at a rate of three inches per hour in the Lake Tahoe area of Nevada.

Growing Degree Days

Date	Degree Days	Date	Degree Days
3/4	5	3/6	0
3/5	4	3/9	0
3/6	0	3/10	0
3/7	0		

AK THE BEST of BOTH WORLDS

oleenbros.com
Dwight, KS
PO Box 8
66849

Guaranteed Breeders

10 - 386A Sons Sell

Bulls full of Performance, NOT a large feed bill

BWF & Hereford Spring Pairs

Fall Bred Heifers (BWF, HH & AN)

Production Sale:
March 28th 2022 @ Noon

- 26 - AQHA Colts
- 67 - Hereford Fall Yearling Bulls
- 55 - Angus Fall Yearling Bulls
- 80 - Spring Pairs (Black Baldies, Horned Herefords)
- 100 - Fall Bred Heifers (Black Baldies, Horned Herefords, Black Angus)

• Arden: (785) 466-1422 • Jan: (785) 466-1421 • Jesse: (785) 499-3250 • Andrew: (785) 499-3636

FMCSA extends hours of service

The Federal Motor Carrier Safety Administration (FMCSA) announced an extension to the Hours-of-Service Emergency Declaration until May 31, 2022. This declaration includes livestock and livestock feed haulers. As a reminder, motor carriers that voluntarily operate under the terms of this extension and amendment of Emergency Declaration No. 2020-002 are to report within five days after the end of each month their reliance on the Declaration. To report, motor carriers will access their portal account at <https://portal.fmcsa.dot.gov/login>, log in with their FMCSA portal credentials and access the Emergency Declaration Reporting under the Available FMCSA Systems section of the page.

GRASS & GRAIN
is on facebook

AUCTION
SATURDAY, APRIL 2, 2022 — 9:30 AM
Held at the West edge of town, north of Ray's Apple Market to 1819 Meadowlark Rd. CLAY CENTER, KANSAS

TRACTORS, DUMP TRUCK, TRAILER, FARM MACHINERY, SADDLE TANKS & MISC. (sell at 11:00 am): 1970 Case 1070 diesel tractor, cab & air, 3X4 power shift, turbo, 2 SVCs, swinging draw bar, front wts., nice 2 owner tractor, 5,377 actual hrs; JD 720 gas tractor, NF, PS, elec. start; 3 pt; new rear tires, original & very nice; 1971 Ford tandem axle dump truck, Cummins diesel, 13 speed; 16ft. bumper hitch car hauler w/lights; Krause 21ft. folding tandem disk w/cyl; IH #45 16ft. field cultivator w/sweeps & tine lever; Fact built 10ft. 3pt. blade, VG; 10ft. 3pt. gravel spreader-leveler; 2 150 gallon stainless steel semi saddle tanks; 11" backhoe bucket; 22" Case excavator bucket; some salvage items.

CONSTRUCTION EQUIPMENT, COMPRESSOR, TOOLS, MATERIALS & MISC: LeRoi 185cfm air compressor on wheels, diesel engine, good; several jack hammers; old pull type packer; vibrating trench packer; walk behind concrete saws; walk behind sand packer; sm. generator; Titan Industrial compressor, needs engine; lg. hammer drill; Hilti nailer w/cartridges; Makita 110V sawz-all; transits; laser sight; water level; DeWalt 18V tools; walk behind drum floor sander; edger sander; several rt. angle grinders; lots of other hand held power tools; concrete tools; misc. hand tools; 2" transfer pump; 2 Thompson table saws, 110 & 220V; jointer on stand; 8.5T by 10ft. wide wooden bolt cabinet; mag rims; light string; several alum. tread plate cross bed toolboxes; other lg. toolboxes; 15 sets of 5ftW, 4ft. T scaffolding; many other items too numerous to mention.

SHED, CONTAINER, MATERIALS & MISC: 24X14ft. shed ready to transport; 8X20ft. storage container w/full overhead rear door; 3 30ft. square tubing light poles w/lights; oil barrel stands; barrels of used oil; lots of 5 gallon buckets of various liquids; furnace w/A coil; portable cattle panels; welded wire panels; approx. 40 4X8 pieces of plywood, particle board etc.; channel drain and other new tin, some long; metal building components; soffit material; lap siding; 4 100# propane bottles; various space heaters; Holland propane grill; variety of other items.

NOTE: We will start with small items on racks and pallets. Tractors, trucks, trailer and farm machinery & misc. sell at 11:00. Shed and storage container sell right after machinery. Hope to be done by 1:00. 14 days for removal. Loader available sale day or by appointment.

TERMS: Cash or good check day of sale. Not responsible for accidents.
CLERK: Shirley Riek, 526 Fredrick, Clay Center, Ks. 67432

Go to kretzauctions.com/global or kansasauctions.net for pictures and additional information

OETINGER-LLOYD CONSTRUCTION, SELLER
For information call or leave message at (785) 632-2106 during business hours

Auction conducted by: **Kretz Auction Service**
Greg Kretz, Salesman & Auctioneer: (785) 630-0701
Guest Auctioneer, Randy Reynolds: (785) 263-5627

Sell At St. Marys
Sell Or Buy **Cattle** By Auction **STARTING TIME 10:30 AM** **Tuesdays**

We sold 1520 cattle March 8. Steer & heifer calves were in good demand at steady prices. Feeder steers & heifers were steady to \$5.00 lower. Cows & bulls were steady.

STEER & BULL CALVES

9 blk/bwf str	419 @ 213.00	10 blk/bwf str	774 @ 145.00
4 char str	490 @ 203.00	62 blk/char str	888 @ 140.25
7 blk/bwf str	498 @ 201.00	61 mix str	932 @ 137.50
8 blk/bwf str	474 @ 196.00	63 blk/bwf str	937 @ 137.50
4 blk str	430 @ 194.00	61 mix str	955 @ 136.10
21 blk/bwf str	513 @ 194.00	60 mix str	957 @ 135.50
7 blk str	472 @ 192.00		
3 blk bulls	467 @ 185.00	HEIFER CALVES	
3 blk str	513 @ 176.00	5 blk hfrs	310 @ 188.00
8 blk str	538 @ 176.00	7 blk/bwf hfrs	450 @ 185.00
2 blk str	493 @ 175.00	9 char hfrs	453 @ 183.00
2 blk str	448 @ 174.00	4 blk hfrs	380 @ 182.00

STOCKER & FEEDER STEERS

5 blk str	593 @ 197.00	6 blk/bwf hfrs	463 @ 170.00
14 blk str	565 @ 194.00	7 blk hfrs	474 @ 170.00
90 blk/bwf str	508 @ 185.25	4 blk hfrs	445 @ 168.00
2 blk str	598 @ 163.00	3 w/char hfrs	453 @ 161.00
3 blk/bwf str	640 @ 160.00	13 blk/bwf hfrs	492 @ 161.00
124 blk/red str	783 @ 158.85	5 blk hfrs	473 @ 159.00
4 blk str	701 @ 156.50	8 blk hfrs	511 @ 159.00
3 blk str	667 @ 155.50	2 blk hfrs	543 @ 154.50
5 blk str	720 @ 154.50	3 w/bwf hfrs	485 @ 153.00
118 blk/bwf str	831 @ 154.10	4 blk hfrs	494 @ 153.00
9 blk/bwf str	573 @ 154.00	13 blk hfrs	542 @ 148.00

STOCKER & FEEDER HEIFERS

15 blk/bwf hfrs	596 @ 150.25	1 blk cow	1625 @ 88.00
5 blk/bwf hfrs	564 @ 150.00	1 bwf cow	1480 @ 87.00
18 blk hfrs	575 @ 149.25	1 wf cow	1255 @ 86.50
5 x-bred hfrs	559 @ 148.00	1 blk cow	1620 @ 86.00
5 blk hfrs	633 @ 144.00	1 blk cow	1460 @ 85.50
6 blk hfrs	662 @ 144.00	1 blk cow	1355 @ 85.00
67 blk/red hfrs	758 @ 143.00	1 red cow	1470 @ 84.50
4 blk hfrs	680 @ 141.00	1 blk cow	1490 @ 84.00
67 blk hfrs	793 @ 138.75	1 blk cow	1215 @ 83.50
123 blk hfrs	833 @ 135.00	1 blk cow	1285 @ 82.50
109 blk/bwf hfrs	820 @ 134.25	1 blk cow	1140 @ 82.00
60 blk hfrs	851 @ 133.75	1 blk cow	1490 @ 81.00
6 blk/char hfrs	960 @ 115.50	1 blk cow	1415 @ 80.50

COWS & HEIFERETTES

2 x-bred hfrs	770 @ 115.00	1 blk cow	1200 @ 80.00
1 blk hfrt	1355 @ 102.00	1 blk cow	1230 @ 79.50
1 blk cow	1135 @ 96.00	1 blk cow	1365 @ 78.50
1 blk cow	1160 @ 94.00	1 blk cow	1215 @ 78.00
1 blk cow	1810 @ 93.00	1 blk cow	1195 @ 77.50
1 bwf cow	1465 @ 92.50	1 blk cow	1185 @ 76.50
1 blk cow	1455 @ 90.50	1 blk cow	1445 @ 76.00
1 blk cow	1275 @ 89.50	1 bwf cow	1235 @ 75.50
1 red cow	1695 @ 89.00	1 blk cow	1250 @ 75.00
		1 blk cow	1145 @ 73.50
		1 blk cow	1120 @ 73.00
		1 char cow	1330 @ 72.50

BRED FEMALES & PAIRS

2 blk cows	@ 1400.00	1 blk bull	2550 @ 111.50
1 blk cow/cf	@ 1375.00	1 blk bull	1660 @ 107.50
1 blk cow	@ 1100.00	1 blk bull	2005 @ 107.00
4 blk cows	@ 1025.00	1 blk bull	1645 @ 106.50
1 x-bred hfr	@ 870.00	1 blk bull	2010 @ 106.00
		1 blk bull	1600 @ 105.00
		1 blk bull	1930 @ 104.50
		1 char bull	2375 @ 104.50
		1 x-bred bull	1970 @ 95.00

CONSIGNMENTS FOR MARCH 15, 2022:

- 45 Hereford heifers, 650-725 lbs., open, replacement quality
- 30 blk str & hfrs, 450-550 lbs., vacc.
- 70 blk steers, 750-800 lbs.
- 65 blk steers, 850-875 lbs., northern origin
- 60 blk steers, 925-950 lbs.
- 61 blk x-bred steers, 900-950 lbs.
- 25 blk steers, 450-550 lbs., vacc.

CONSIGNMENTS FOR MARCH 29, 2022:

- 275 blk bwf steers, 725-825 lbs.
- 125 blk bwf steers, 550-700 lbs.

Above all homeraised, longtime weaned, vaccinated, from Jerry & Mark McLaughlin

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

FOR INFORMATION OR ESTIMATES:

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

Toll Free Number.....1-800-531-1676
Website: www.rezaclivestock.com
AUCTIONEERS: DENNIS REZAC & REX ARB

Rezac St. Marys, Ks.
Livestock Commission Company, Inc.