

Student-driven project leads to new foods from sorghum, wheat

By Pat Melgares
Kansas State University senior Christy Vavra has her friends and classmates doing in her food science classes recently.

Take them to breakfast. Vavra is one of 17 students who recently developed novel foods as part of a partnership between K-State's Department of Grain Science and Industry, the Center for Sorghum Improvement and the Kansas Department of Agriculture.

The groups have been exploring possibilities for using grain sorghum and wheat in developing new food products. The KDA has provided funds through the USDA's Agricultural Marketing Service's Federal State Marketing Improvement Program, as well as mentoring and marketing support.

Kerry Wefald, marketing director for the KDA, said sorghum and wheat were chosen because of their abundance in Kansas. In 2019, she notes, both crops ranked No. 1 in U.S. production. "We are always working to secure ways to promote our agricultural commodities," Wefald said, "and both of these sectors have indicated an interest in diversifying markets."

Vavra and classmate Emmalee Gragg led work in developing a gluten-free breakfast waffle sandwich – made from sorghum – that was selected as a product to be served in K-State's Kramer dining hall.

Developing the sandwich "was much more interesting for us knowing that there was already an end-user out there instead of developing a product and hoping to get it into the stores," Vavra said.

Food science associate professor Kelly Getty said the students in her class, Research and Development of Food Products, were given a challenge at

the beginning of the Fall, 2020 semester to create a baked item that had wheat or sorghum as its primary ingredient.

The students chose their class projects from one of four categories: a baked food for students at the university recreation center; a par baked bun; a product for child nutrition; or, according to Getty, "something out of the box."

"As a group, we voted on ideas to pursue and in the end there were 13 products that are in one of the product development phases – concept to an actual food item," she said.

Nine products are being scaled up and will be served to students in Kramer dining hall. In addition to Vavra's waffle sandwich, some of the products offered include a tomato basil bun, gluten-free pancake mix and a vegetable cracker for kids.

Each product received many rounds of testing and feedback from students, professors, KDA staff and others. Kelly Whitehair, the menu and recipe development coordinator for K-State's Housing and Dining Services, also was a key contributor.

Sarah Sexton Bowser, the managing director of the Center for Sorghum Improvement at K-State, said testing the products with college students was an important part of the process.

"College students are still in a formative stage in determining their own preferences and food experiences," she said. "This project is an opportunity to showcase Kansas grains and commodities in their menus and on their palates during the formative years."

The project is in the first of three years to develop sorghum- and wheat-based foods. K-State assistant professor of cereal chemistry Yonghui Li is conducting research to develop technologies that will extract phenolic compounds from some specialty sorghums.

"The sorghum extracts interact with gluten proteins and starch when mixed with wheat flour and water during dough development," Li said. "This will be useful for improving low-protein wheat flour when a stronger dough is more desired."

Getty said K-State students in the 2021 fall class will focus on grain-based entrees, and the following year's class will take on snack products.

The groups are now working to add the new food choices in the dining centers at other Kansas Board of Regent schools. Officials in the food service program at the University of Kansas already are on board.

"We are just pleased to partner and have the innovation of the next generation of food scientists working with sorghum and wheat to develop food items that their generation will most likely embrace and purchase in the grocery store, or out in the restaurant and retail markets," Wefald said.

Sexton Bowser added: "It's been a great project to see these individual entities and persons come together, contribute feedback from their vantage point and provide an end product that is allowing us to shape the student experience and create markets for Kansas grains."

Vavra, who will graduate this May, figures the experience has given her a head start in her career.

"It was the highlight of my semester," she said. "We had such ownership in what we were doing because it does matter."

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Ewe nutrition is key experiencing less mastitis

Lambs get 100% of their nutrition from ewes' milk during the first eight weeks of life, so it's vital to maintain udder health. On top of that, weaning occurs shortly after peak milk production for the ewe – making the risk for mastitis high. An easy way to proactively manage udder health and mastitis is through nutrition.

“Managing mastitis via nutrition and management are simple ways to keep mastitis in check and ewes and lambs thriving through weaning and beyond,” says Maggie Amburgey, small ruminant technical specialist with Purina Animal Nutrition. “Heading off mastitis can help reduce long-term udder quality issues and maintain future milk production – and keep ewes in the flock longer.”

Follow these tips to reduce the risk of mastitis and maintain ewe and lamb health:

Slow down milk supply

One of the best ways to avoid mastitis is by gradually slowing down milk production leading up to weaning.

“There's a higher risk of mastitis, hard bag and other issues if milk production is still high at weaning,” says Clay Elliott, Ph.D. and small ruminant nutritionist with Purina Animal Nutrition. “The goal is to reduce energy in the diet and slow down milk production before removing lambs.”

At peak production, typically five to eight weeks after lambing, ewes are commonly fed a high-energy, corn-based ration and high-quality hay to maximize milk production and lamb growth. At the eight-week mark, while lambs are still on the ewes, start a ten to 14 day dry-off period. During this timeframe, gradually remove grain and switch to grass hay



to lower energy levels in the diet and reduce milk production while keeping ewes full.

Reduce water availability for ewes 24 hours after weaning to further decrease milk production, but don't eliminate water access, especially during warm weather.

Let ewes lead the way

“One of the biggest mistakes made with mastitis management is weaning lambs too early – before milk production has sufficiently decreased,” says

Elliott.

If ewes are still producing high volumes of milk at eight weeks post lambing, even after changing to a low-energy diet, wait to remove lambs. Watch ewes closely to monitor milk production and wait to wean until milk production has slowed to protect udder health and limit mastitis risk.

Operations with ewes and lambs on pasture throughout lactation typically see ewes wean lambs around six months old.

Mastitis isn't common because ewes gradually dry up themselves.

Prepare ewes for the next phase

With so much excitement around weaning, it's easy to get caught up in the moment and not look ahead to the next phase of life for the ewe. But, it's a phase to monitor and manage closely – especially with breeding season on the horizon.

“Ewes coming into lambing with an acceptable level of body condition – a BCS 3 on a five-point scale – are in a better position to rebound quickly after weaning,” says Amburgey. “But don't wait until flushing begins to start getting ewes back in the correct body condition.”

Start feeding a mineral supplement designed for consistent intake once ewes are dry and moved



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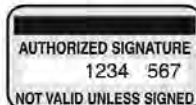
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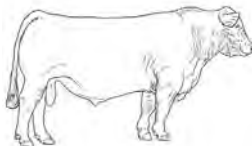


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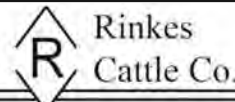
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fronts; front wts; quick hitch; 4
remotes; rear wts; new injection
pump & turbo; good cab in-
terior; 9,080 hrs. \$42,500. Call
for pics. 785-466-6019

USED TRACTORS
'99 Case IH MX270, 5475 hrs
'81 IH 5088
'79 IH 1586, 5535 hrs
'79 IH 1486 w/ ldr
'79 JD 4240 QR
'68 JD 4020 Synchro w/ 148
ldr., new injection pump
MISCELLANEOUS
Case IH 900 planter 6R30
'89 Case IH 1660 combine
'99 Case IH 2388 combine
4wd
'04 Case IH 2366 4WD 4,067
eng., 3,005 sep.
'17 Case IH 6140 combine,
792 eng., 557 sep.
'18 Case IH 3020 flex 30'
'11 Case IH 3020 flex w/ air
reel 30'
'11 Case IH 3406 corn head
w/ trailer
'06 IH 1020 25'
'99 Case IH1083 corn head
'13 EZ-Trail 510 grain cart w/
tarp
UFT 500 Graincart
(2) Parker 2600 gravity wag-
ons
'07 JD HX15 Batwing 15'
'11 Cimarron 8' rotary mower
Woods XT 184 rotary mower,
7'
JD 1418 rotary cutter, 14'
'10 Hesston 1474 mower
conditioner
'09 Case IH DC132 disc,
MOCO
'08 Case IH RB564 rd. baler
'04 Hesston 946A round baler
(2) CIH 6500 Conser-til, 14'
JD 980 FC 27'
'07 Case IH Tigermate II field
cultivator 36.5'
JD 630 disc, 25'
JD 714 disc chisel 9 shank
JD FBB drill 16x8
GB 900 Hi-master ldr
Speeco 3pt post hole digger
Land Pride HRL-3578 retract-
able shank box blade 6.5'
'14 Cub Cadet LZ60 zero turn
145 hrs
NEW EQUIPMENT
Farmall 95A MFD cab
Farmall 105A MFD cab
Farmall 115A MFD ROPS
TD 103 disc mower
RB465 Round Baler
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Several Bush Hog rotary
mowers and tillers
Complete line Bush Hog zero
turn mowers
Killbros seed tender 260
Killbros seed tender 102


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Truck & Tractor
ROSSVILLE, KANSAS
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• Case 7120 MFWD, 5000 Hrs.....Coming In
• '17 Deere 332G, 1125hrs, C/H/A.....High Flow
• '16 Deere 326E, 410hrs, C/H/A.....Like New
• '14 JCB 205, C/H/A, Side Entry.....450 Hrs
• '14 JCB 260, C/H/A, Side Entry.....780 Hrs
• (2) '14 JCB 300T's, C/H/A, Track.... Side Entry
• '15 Bobcat S450, C/H/A.....1200 Hrs
• '07 Deere CT332, Open Cab, 2500 Hrs.....
.....Hand Control
• New H&S Manure Spreaders and Hay Rakes
.....In Stock
• '21 K&O Pace Setter 30' stock trailer \$13,995
• '21 Travelang 18' Skid Steer Trailer.....\$5600
• Hundreds of Skid Steer Attachments In Stock!
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• '16 Kubota SVL95, 1000hrs, C/H/A, High Flow
• New Renn 1020C Grain Bagger.....\$25,900


2009 Harvest International
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4400, 3300, 105, 95, 55, JD,
915, 1480, 1460, 1420, 815
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orange Gleaner corn heads.
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electric**Just In**

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Kansas Hay Market Report

For the week ending February 27 hay market prices were steady for all hay types and demand remains strong for alfalfa, although now that we have warmer weather, the urgency has lessened. The first day of March was truly a lamb with comfortable temperatures in the high 40s and 50s with light winds. As the temperatures rise and days get longer, many are counting the bales they have left in their barns and the number of days to the first green up of pastures, which may prompt some to let loose of inventory they feel they don't need. Folks are also busy preparing equipment for the 2021 hay season and getting ready to spread fertilizer if they haven't already. According to the U.S. Drought Monitor for the week of February 23rd, no changes were made to the drought categories. Abnormal dryness (D0) remained at 16.5%, moderate drought (D1) remained at 23%, severe drought (D2) remained at 6.5%, and extreme drought (D3) remained at 10%. 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 moderate. Alfalfa: horse, premium small squares 260.00-280.00. Dairy 1.00-1.05/point RFV, Supreme 185-237.00.00, Premium 170.00-195.00, Good 150.00-178.50. Stock or Dry Cow 165.00-175.00. Grinding alfalfa 170.00-180.00, with an instance at 190.00-200.00. Ground and delivered locally to feed lots and dairies, 180.00-195 with instances at 215.00-225.00. Grass Hay: small squares none reported, large 4x4 squares 100.00-110.00, large rounds 70.00-80.00; Sudan: large rounds 75.00-85.00. Sorghum: none reported; Corn Stalks: none reported; Wheat straw, small squares 3.50-4.50/bale, large 3x4 squares 80.00-90.00. The week of 2/21-2/27, 7,822T of grinding alfalfa and 1,558T of dairy alfalfa was reported bought/sold.

South Central Kansas

Dairy alfalfa, alfalfa pellets, grinding alfalfa, ground/delivered steady; movement moderate. Alfalfa: horse,

Researchers undertake American lamb environmental footprint study

Environmental concerns about livestock production continue to gain traction, and the American Lamb industry entered the spotlight when a 2011 Environmental Working Group Study characterized lamb as one of the largest contributors of greenhouse gas (GHG) emissions. The study's outcomes are still cited at influential conferences and in the media.

“Sustainability issues have proven to be very important to consumers. They are definitely not a fad. And, consumers are showing they are willing to make purchases based on their concerns, including the choices being made to select plant-forward meals and reduce meat consumption,” says Gwen Kitzan, chair of the American Lamb Board (ALB). “Food companies of all sizes are

ALB is working with a

putting demands on producers and suppliers to provide environmental footprint data.”

Recently, Colorado governor Jared Polis signed a proclamation promoting March 20, which is traditionally National Agriculture Day, as Meat Out Day. Influencers and celebrities are prominent in sustainability activism. For example, Bill Gates was quoted as saying, “I do think all rich countries should move to 100% synthetic beef” as a way to address climate change.

small squares 255.00-275.00. Dairy, 1.00/point RFV, Supreme 185.00-225.00, Premium 170.00-195.00, Good 150.00-178.00. Stock cow, 150.00-160.00. Fair/good grinding alfalfa 145.00-155.00 delivered with instances at 160.00 delivered. Ground and delivered 160.00-170.00 with an instance at 190.00. Alfalfa pellets: Sun cured 15 pct protein 190.00-210.00, 17 pct protein 200.00-210.00, Dehydrated 17 pct 305.00-310.00. Grass Hay: Bluestem, 3x4 and 4x4 squares 100.00-110.00, large rounds 60.00-90.00. Brome: large 4x4 squares 100.00-120.00, large rounds 95.00-100.00. Teff: large 3x4 squares 155.00-165.00, large rounds 120.00-130.00. Sudan: large rounds 80.00-85.00. Corn stalks: none reported; Wheat straw: none reported. The week of 2/21-2/27 6,516T of grinding alfalfa and 318T of dairy alfalfa was reported bought/sold.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady, grass hay steady; movement slow to moderate. Alfalfa: horse or goat, 230.00-240.00. Dairy 1.00-1.05/point RFV. Stock cow 150.00-160.00. Fair/Good grinding alfalfa, large rounds 135.00-145.00, or 160.00-170.00 delivered. Ground and delivered, none reported; Grass hay: Bluestem, small squares 120.00-125.00, good 3x3 squares 100.00-125.00, good, 3x4 squares 90.00-120.00, large 4x4 squares 90.00-110.00, large rounds 65.00-75.00. Brome, good, small squares none reported, 3x4 to 4x4 squares 95.00-125.00, large rounds 65.00-80.00. Wheat Straw: 3x4 and 4x4 squares 60.00-80.00. The week of 2/21-2/27, 1,724T of grass hay was reported bought/sold.

Northwest Kansas

Dairy alfalfa, ground/delivered steady, grinding alfalfa steady; movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.00/point RFV. Stock cow, fair/good 145.00-155.00. Fair/good grinding alfalfa, 120.00-140.00. Ground and delivered locally to feedlots and dairies, none reported. Sudan, large rounds 60.00-70.00. Wheat straw, large squares none reported.

North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow to moderate. Alfalfa: horse, premium small squares, 9.00-10.00/bale. Dairy 1.00-1.05/point RFV, Supreme 185-237.00.00, Premium 170.00-195.00, Good 150.00-178.50. Stock Cow, 150.00-160.00. Fair/good, grinding alfalfa, 115.00-125.00. Ground and delivered 140.00-150.00. Grass hay: Bluestem, small squares 5.50-6.50/bale, 3x4 to 4x4 squares 100.00-105.00, large rounds 60.00-90.00. Brome, small squares 6.50-7.50/

multidisciplinary team at Michigan State University (MSU) to evaluate the environmental footprint of the U.S. sheep industry in order to have accurate and robust data to contribute to this very important issue. The initial focus of the study has been to define a comprehensive model of GHG emissions for the diverse array of U.S. sheep production systems, such as range, farm flock pasture and intensive, and feedlot. MSU will conduct a partial life cycle analysis (LCA) of lamb production in these types

of operations to quantify GHG emissions.

As work progresses, data will be assembled on various GHG mitigation strategies, primarily via land and crop management practices. During the final phase, MSU will define environmental improvement strategies that are the most feasible and impactful for sheep producers to employ according to their particular production system. A blueprint for producer education strategies to address these priorities will wrap up the project.

ON TARGET BULL SALE

HEREFORD • ANGUS
MARCH 20, 2021 • 1 P.M.

New Sale Location

ON TARGET BULL DEVELOPMENT CENTER
990 TUMBLEWEED RD, BLUE RAPIDS, KS

OnTargetBullSale.com

**SELLING: 36 Hereford bulls, 10 Hereford heifers,
20 Hereford first-calf heifers,
23 Angus bulls and 8 Angus heifers**



**Lot 1: ALCOVE
Ashland 006
19721173**

He ranks in the top 10% CED (+13);
2% WW (+84); 2% YW (+148); 2%
Marb (+1.34); and 1% SW (+91);
4% SB (+177); 2% SC (+307).



**Lot 39: SH/KJ
GUNSMOKE
2296 H116
44147036**

He ranks in the top 2% of the breed
for Milk (+37); Top 6% for SBMI (+
439) ; Top 7% for REA (+.63); and
10% YW (+103).



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Dave Cell: 785-556-0124

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SpringhillHerefords.com

Grass & Grain, March 9, 2021

Page 19

bale, 3x4 to 4x4 squares 110.00-120.00, large rounds 75.00-85.00; Sudan, large rounds, 65.00-75.00. Wheat Straw: small squares 5.00-6.00/bale, large 4x4 squares 75.00-85.00, 100.00-110.00 delivered, large rounds 65.00-75.00. The week of 2/21-2/27, T of grinding alfalfa and T of dairy alfalfa was reported bought/sold.

**Posted by Kim Nettleton, Kansas Department of Agriculture*

***Prices are per ton and FOB unless otherwise noted*

FARM AUCTION

MONDAY, MARCH 29, 2021 — 10:00 AM

We have retired and will sell the following items at public auction at the farm located from I-70 exit 275 at Abilene, 2 miles North to 2500 Ave., then 2 miles East and 1.25 miles North to 2620 Indy Road, ABILENE, KANSAS 67410. Look for the red gates and long driveway to the east.

FARM MACHINERY (Viewing times to be posted on website or by appointment): John Deere 7220 2WD tractor, ser.# RW7220R014558, approx. 3700 hrs; John Deere 9500 combine, chaff spreader, high hours; JD 920 20ft. flex head w/header trailer; JD 925 25ft rigid head; BBK Series II header trailer, fits the 25ft. head, nice; CaseIH 14ft. #8840 self propelled swather, shows 1,210 hours; Freightliner FL70 single axle semi tractor, Allison automatic, 295/75R 22.5 tires, 222,070 miles; 2009 Neville Built 50,000# grain trailer, rollover tarp, 8.25 24.5 tires; Unverferth model 4500 grain cart, center auger, rollover tarp; Ag Spray 500 gal. pull type sprayer, 25ft. booms, hand wand, flotation tires, looks new; Great Plains 2S-2600 HD drill, double disc openers, #2S-2600HD4275, very nice; John Deere #558 mega wide plus BR baler, PIN: E00558X354898, nice; Kelley Ryan 12ft. Feed-R-Wagon silage wagon, 295/75R 22.5 tires, VG; Plainsman Series II RCM3615, 15ft. batwing mower, looks new; Sitrex Magnum Evolution, MKE 10-12 12 wheel rake, like new; Titan 30ft. triple axle stock trailer w/gooseneck or semi hitch, off white, good shape; Glencoe SS 7400 Soil Saver, nice; JD 2350-2450 6X16 on land plow; Kent Series V 25ft. Danish tine field cultivator w/3 row spike tooth harrow attachment; Sunflower 21.5 ft. double offset disk, good discs; Brown 10ft. pull type speed mover, nice; Kory 8275 HD running gear with gravity box & hyd. auger; early 1960s Chevy 2T truck w/16ft. wooden bed & hoist, running order; long BR bale trailer w/tongue, made from 12 wheel semi trailer; 10ft. utility trailer; L shumpet fuel tank & 12V pump; (2) 4 wheel running gears, one w/pipe BR bale bed; older pull type sprayer; old 6" by 35ft auger; Faulkner heavy duty brush pusher w/teeth; Faulkner HD bale fork; 2 bale spears for loader or 3pt.; 2 old spreaders for scrap. SKID STEER & ATTACHMENTS (sell at 11:30): John Deere #320D skid steer w/bucket, heat & air, 547.3 hours; Turbo Saw tree saw; Land Pride hyd. post hole digger w/bit; Deere Worksite Pro BL9B, front blade; #7202 grapple bucket; Deere pallet fork; BR BALES ALFALFA & BROME SUBJECT TO PRIOR SALE (SELL AT 11:15): 37 bales 2019 alfalfa; 40 bales 2020 brome. MISC. FARM ITEMS: approx. 75 long sheets of used galvanized tin; Lincoln arc welder; alum ext ladder, a couple hay racks of shop tools and farm supplies to sell first.

NOTE: Please be on time. Not a lot of small items. Will be on machinery early. Machinery has been shedded. Many very nice items. Loader tractor available. 30 days for removal. Announcements made sale day to take precedence.

NOTE: Please WEAR MASKS and Practice Social Distancing!
TERMS: Cash or good check day of sale. Not responsible for accidents or health problems.

CLERK: Shirley Riek, 526 Frederick, Clay Center, KS 67432.

DAN & AUDREY McGRATH, SELLER

For information regarding sale items call

Dan at (785) 479-6088

Go to kretzauctions.com at Global Auction Guide or kansasauctions.net/kretz for pictures, viewing times & additional information

Auction conducted by: **Kretz Auction Service**

Greg Kretz, Salesman & Auctioneer: (785) 630-0701

Guest Auctioneer: Randy Reynolds (785) 263-5627

AUCTION

SATURDAY, MARCH 27, 2021 — 9:00 AM

From RANDOLPH, KS go 1/2 mile North to the Green-Randolph Rd. #378 then 4 miles West to Winkler Rd., 2 miles North to Fancy Creek Rd., then 1/4 mile West and 2.5 miles North to 18750 School Branch Rd.

BOBCAT & ATTACHMENTS, D6 CATERPILLAR, TRAILERS, TRUCKS, SIDE BY SIDE & RIDING MOWER: 2006 Bobcat S185, foam filled tires are 90%, Kubota 76hp diesel engine, cab w/heat & air conditioning, 400 actual hours, one owner, excellent; Bobcat 6ft. grapple bucket; new 5.5ft. smooth bucket; 5.5ft. rock bucket w/teeth; Wichita tree shear w/extra blades, built by Wendell (Pete) Hagenmaier; Douglas Welding tree puller made in Kipp, Ks; Dec. 2009 Titan 16ft. bumper hitch dovetail trailer for skid steer, tandem axles, spare tire, tilts to load, hyd. cyl, down pressure, excellent; 1952 Caterpillar D6 cable dozer, 9ft, 2" blade, hand clutch, dual winch, elec. pony motor start, full belly pans, extra HD rollover cage, 2nd owner, bought new by Margorie Wahle to clean up after 1951 flood, used very little, exceptional; 1963 Ford grain truck, 13ft. wooden bed w/ hoist, nearly new rubber; 1983 Ford F150 4WD pickup w/Circle D flatbed, lock out hubs, 300 6cyl., 4 speed, 108,000 miles; antique farm machinery & parts; Yamaha Rhino 450 4X4 side by side w/roll top & windshield; Husky 46" 21hp riding mower.

TRACTORS, COMBINE, MACHINERY: 1966 Case 730 WF gas tractor, OS w/radio, 4spd w/Hi-Lo, 3pt, 540 PTO, 15.5X38 rears, shows 4,647 hours; 1958 Allis D14 tractor w/snap coupler; Farmall 400 tractor w/Koyker loader, 5ft. bucket, 3 hyd. valves, swinging drawbar; 1948 Farmall M tractor, "Power House", swinging draw bar, starts easy; 1978 IH #615 combine w/12ft header, finger & batt reels, good; Spray Innovations mist blower, like new; Rhino post hole digger w/bit, shedded, nice; Rhino 5ft. rotary mower, 3pt., nice; Duetz Allis #1200 16ft. field cultivator w/rubber mounted shanks & sweeps; IH 10ft. tandem disk; good; #10 Grain-O-Vator; IH #430 wire tie baler; JD 14T baler; mid 80s #489 Haybine swather; 13 hole McCormick drill w/alfalfa seeder on high steel, nice; IH 4RX36" white box planter w/dbl. Gandy boxes; old JD galvanized box 16 hole drill; IH ground driven spreader w/20" rubber; Case pull type 2B plow; Oliver 4B plow; snap coupler 3B plow & 2R cultivator; several other old 2 & 3 bottom plows; JD one-way; Graham Hoeme chisel; 3pt. lift all w/hyd cylinder; Wisconsin engine w/transfer pump on transport; 3pt. blade; alfalfa packer; hay or grain elevator; IH 7ft. sickle mower; 2 Letz burr mills; sprayer booms; old JD press wheels; 1943 JD A for parts.

SHIPPING CONTAINER, LIVESTOCK EQUIPMENT, FARM SUPPLIES, LUMBER, IRON & RACK ITEMS: 40ft. shipping container w/swinging rear doors, tight; 1/2 sack cement mixer; 1750W generator on sm. trailer; new 10-20 truck tires; new 1975 red Dodge tailgate; BR bale feeder for calves; hog catch chute w/head gate; mineral feeders, one is new; multiple steel gates; mechanical headgate; lg. pile of hedge posts; several 24ft. lengths 1 1/4 inch sq. tubing; pallets of welding iron; iron piles; sm. bin could be used for gazebo or outside bar; 10X20 shed w/old wood to be torn down; native and newer lumber, some are 2X6s & 2X10s; lots of old IH & JD parts; Lincoln Idealarc 250 arc welder; sm. compressor; & drawer McCall cabinet; 12G of 2-4D; 5G of other chemicals; 2 or 3 rackloads of shop and shed items.

ANTIQUES, PRIMITIVES & HOUSEHOLD GOODS: Air pump from the Paralell gas station; 28" tall antique burr mill, cute; JD metal corn sheller; Tiffin wooden corn sheller; walking lister/tater digger; hay mow fork & trolley; Grandpa Hagenmaier's wood stove; several house doors; a bunch of antique oak chests of drawers; old pie cabinet in pieces; trunks; Zenith standing radio; smoker; bird cage stand; child & adult rocking chairs; dining table & 6 rolling chairs; Spoon carved bed frame; twin BR set; pantry cabinets; other cabinets, shelves, sm. tables and stands; lots of other old & contemporary furniture; HP 30" propane range; GE refrigerator; GE washer; waterless cookware set; other kitchenwares; mixing & serving bowls; dehydrator; old glass; crocks; lg. volume of canning jars; K-State & other Barbie Dolls; harpsichord; LPs in various colors; western books; old pictures and frames; nearly new garden planter; large variety of other household goods; **3 generations of old items yet to be uncovered and discovered.**

NOTE: Phil & Barbara Byarlay had lived on this farm since 1960. The farm has been sold and items must be removed by April 11th. Many nice pieces on this sale. Major items have been shedded. Loader tractor available sale day or by appointment. Announcements made sale day take precedence. **The machinery will be available for viewing beginning on March 20th.** Plan to run 2 rings while selling household goods and antiques beginning around 10:00. Will have a couple 4 wheelers for shuttle rides to/from vehicles. **Lunch on grounds.**

NOTE: Please WEAR MASKS and Practice Social Distancing!
TERMS: Cash or good check day of sale. Not responsible for accidents or health problems.

CLERK: Shirley Riek, 526 Frederick, Clay Center, KS 67432.

BYARLAY FAMILY TRUST, SELLER

For questions on sale items contact Kier Byarlay at (785) 643-0764 after 5:00.

Go to kretzauctions.com at Global Auction Guide or kansasauctions.net/kretz for full listing, pictures & more info

Auction conducted by: **Kretz Auction Service**

Greg Kretz, Salesman & Auctioneer: (785) 630-0701

Guest Auctioneer: Randy Reynolds (785) 263-5627

Trauernicht Simmentals holds annual production sale

Trauernicht Simmentals Annual Production Sale was held on Sunday, February 21st at their sale facility in Wymore, Nebraska. Guest consignor included State Line Farm Simmentals. A snow start to the morning definitely didn't stop the crowd from showing up to purchase their next herd with the LHT prefix. Bidders

attend in person or bid online from 17 states, with cattle selling into 8 different states. Be sure to mark your calendar for Sunday, December 12th for Nebraska Platinum Standard Female Sale. Lot 15 – \$17,000, LHT Mr. Top Tear 54H, TJ Tear-drop 783F x LHT Ms. Cowboy Cut 169E. Buyer: Curtis Kriegel, Harwick, Iowa

Lot 27 – \$12,000, LHT Teared Up 76H, TJ Tear-drop 783F x LHT Ms. Answer 47B. Buyer: Gilliland Livestock, Davis, Cal. Lot 36 – \$10,500, LHT Mr. Turn Pike 128H, Rubys Turnpike 771E x LHT Ms. Magic 63X. Buyer: Terry & Beverly Action, Holmsville, Neb. Lot 52 – \$10,500, LHT

Mr. Freightliner 154H, SHSF Freightliner D10 x LHT Ms. Brilliance 13Z. Buyer: Gilliland Livestock, Davis, Cal. Lot 106 – \$9,000, LHT Mr. Out Cross 92H, WS Out-cross C164 x LHT Ms. EO 349. Buyer: Fast Farms, Burlington Junction, Mo. Lot 16 – \$8,500, LHT Mr. 20-20 48H, Mr. CCF 20-20 x LHT Ms. Uprising 11C. Buyer: Gilliland Livestock, Davis, Cal. Lot 42 – \$8,500, LHT Mr. Tear Drop 144H, TJ Tear-drop 783F x LHT Ms. Pioneer 10Z. Buyer: Kenneth Wegner, Wymore, Neb. Lot 86 – \$8,500, LHT Mr. Epic 373G, OMF Epic E27 x LHT Ms. Teddy 309X. Buyer: Welch Farms, Reynolds, Neb. Lot 20 – \$8,000, LHT Mr. Epic 57H, OMF Epic E27 x LHT Ms. Cadillac 63F. Buyer: Pietzyk Farms Inc., Burr, Neb.

Lot 37 – \$8,000, LHT Mr. Franchise 122H, TJ Franchise 451D x LHT Ms. Combination 41Y. Buyer: Keith & Lisa Stump, Golden City, Mo. Lot 110 – \$8,000, LHT Mr. Out Cross 97H, WS Out-cross C164 x LHT Ms. Redemption 34E. Buyer: Robert & Jeanne Hardin, Blue Springs, Neb. Lot 12 – \$7,500, JZ Mr. Falcor 03H, W/C Lock Down 206Z x JZ Ms. Lincoln 12E. Breeder: State Line Farm Simmentals. Buyer: Tyler Ottensmeier, Newton, Ks. Lot 22 – \$7,500, LHT Mr. Mtn Pass 66H, LCRR THR Mtn Pass 6219D x LHT Ms. Lockdown 87E. Buyer: Fast Farms, Burlington Junction, Mo. 74 Black Yearling Simmental & Sim-Influenced bulls averaged \$5,300 21 Red Simmental & Sim-Influenced bulls averaged \$4,900

11 Strong Aged Simmental & Sim-Influenced bulls averaged \$5,300 Two Red Angus bulls averaged \$6,500 Six Black Angus averaged \$4,750 114 Bulls averaged \$5,206 Also sold 13 Fall Simmental & Sim-Influenced Bred Heifers, averaged \$2,200 Marketing Representatives: Val Eberspacher, EE Sales, Minn.; Derek Vogt, EE Sales, Neb.; Chris Beutler, Lee AgriMedia, Neb.; Randy Rasby, Livestock Plus, Neb.; Dennis Heinrichs, Neb.; Mariah Miller, LiveAuctions.TV, Iowa. Auctioneer: Col. Tracy Harl, Co. Sale Management: Eberspacher Enterprises Inc., Minn.

Local ranch photos wanted for virtual gallery exhibit

There is an opportunity to share photos that define ranch life – the hard-working crews, buildings with character, and spectacular landscapes. Pioneer Bluffs, the Center for Flint Hills Ranching Heritage, is adding A Gallery of Kansas Ranches to their website. Local ranchers are invited to submit photos, past or present, for this unique online exhibit. “The heritage of ranching is fascinating, and each family has their own story,” said Lynn Smith, executive director. “Photos give a glimpse into those stories. A Gallery of Kansas Ranches will be one way of sharing ranch life with others.” This exhibit of Kansas ranches will be part of the Pioneer Bluffs National Day of the Cowboy virtual celebration, which will feature a variety of cowboy music, poetry, stories, and photos. This online event will begin July 24, and remain on the Pioneer Bluffs website. “Our previous celebrations to honor

the cowhand have been in-person events, and we look forward to the day when we can see our visitors again,” continued Smith. “But in the meantime this photo exhibit will help share the important stories and heritage of ranching.” Photos submitted should include a paragraph with a little information, including who is in the picture, when the ranch was established, the name of the ranch or ranch family, and the general location. Historical and present-day photos are welcome. To send photos or for information, contact Smith at lynn@pioneerbluffs.org or (620) 753-3484. Pioneer Bluffs, Center for Flint Hills Ranching Heritage, is a nonprofit organization with a mission to preserve the ranching heritage of the Flint Hills. A National Register Historic District, Pioneer Bluffs is on Flint Hills National Scenic Byway K-177, 14 miles south of Cottonwood Falls or one mile north of Matfield Green.

By Lisa Moser The old saying “an ounce of prevention is worth a pound of cure” coined by Benjamin Franklin rings true for many of life's situations. And for cattle ranchers hoping to prevent calf scours from developing in the herd, prevention is key, according to the veterinarians at the Kansas State University Beef Cattle Institute. Veterinarians Bob Larson and Brad White offered several tips for keeping the herd free from scours on a recent Cattle Chat podcast. Scours, otherwise known as diarrhea, often

impact calves in the first month of life, in part because of their liquid diet of milk and developing immune system, Larson said. If the calves lose too many electrolytes, they may develop metabolic acidosis, which can be fatal if not promptly treated. “The calf is most susceptible to scours in the first few weeks of life. After that, they are pretty resilient to becoming severely ill,” Larson said. Management tips offered by the veterinarians for preventing scours include: Make sure the calves are kept in a sanitary environment to prevent exposure to the pathogens that cause scours to develop and spread in the herd. Maintain older calves in a separate location from younger calves to reduce the in-herd disease transmission. Keep the cows in good body condition so they pass the immunity to their calves through the first milk, known as colostrum. Vary the feeding locations to spread out the calves and keep them from congregating with the other cattle. To hear more of their discussion, tune in to the BCI Cattle Chat podcast online.

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Keeping calves healthy; K-State vets offer ways to reduce risk of calves developing, sharing scours

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STEERS/BULLS					
BEEF					
300-400#	\$202.00-\$172.00				
400-500#	\$195.00-\$171.00				
500-600#	\$184.00-\$158.00				
600-700#	\$172.00-\$151.00				
700-800#	\$145.00-\$125.00				
800-900#	\$129.00-\$114.00				
900-1,000#	\$123.00-\$108.00				
HEIFERS					
300-400#	\$173.00-\$145.00				
400-500#	\$173.00-\$145.00				
500-600#	\$144.00-\$126.00				
600-700#	\$140.00-\$126.00				
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Market Report for 3-4-21.
1,440 Head Sold.

HFRETES:
1170#-830# \$116-\$90.00

COWS-HIGH YIELDING
1835#-1220# \$70.00-\$62.00

COWS-LGT WT & LOW YIELDING
1900#-805# \$60.00-\$40.00

BULLS:
2355#-1455# \$93.00-\$82.00

Due to State & County Mandates, MASKS & Social Distancing are required & NO CHILDREN in the Barn. Thank you.

FARM & RANCH EQUIPMENT & MORE

AUCTION

SATURDAY, MARCH 27, 2021 — 10:00 AM

Auction held 3/4 mile North of I-70 and Rossville-Dover Interchange (Carlson Road). Parking in the yard - Beware of Traffic!

FARM & RANCH EQUIPMENT: IHC 706 w/cab & loader, gas, 9696 hrs. showing, good; 1999 Dodge Dually 1-ton diesel, 4x4, 152,830 mi.; 2004 Travalong 24' stock trailer, very few miles, like new; 1998 Travalong 20' flatbed trailer, very few miles; 16-ton overhead bin, 2 compartment, good; & **MORE!**

AUCTION EQUIPMENT, SADDLES, HORSE & CATTLE EQUIP., TOOLS & MISC. CONSIGNED BY OTHERS

This is a partial list. For full listings & photos please go to www.murrayauktionandrealty.com

AUCTIONEER'S NOTES: Bill was a well-known auctioneer, rancher, cowboy for many years. He worked hard at anything he undertook and was a great friend to so many. Linda and Bill accumulated a lot of good, usable items in their time and will offer them at auction at this time. Come early and enjoy the day! We will be on the tractors and larger items around 12:30 PM. LUNCH: Maple Hill Congregational Church VBS.

SELLERS: WILLIAM L. RAINE TRUST
LINDA S. RAINE, TRUSTEE

TERMS: Cash or good check with ID. Statements made day of auction take precedence over printed material. Not responsible for accidents or health-related issues. Social distancing & masks requested. Please stay home if you are not feeling well.

MURRAY AUCTION & REALTY
Steve Murray, Broker/Auctioneer • 785-556-4354
Bob Murray, Auctioneer
www.murrayauktionandrealty.com

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BAR S RANCH

Annual Production Sale

Saturday March 13, 2021
at the Ranch - Paradise, KS










SELLING:

- 125 Yearling and 2 yr old, Angus, Red Angus, and Charolais Bulls;
- 8 Top End Registered Open Angus Heifers;
- 100 Commercial Angus and Angus cross Open Heifers;
- 30 Bred Commercial Angus Heifers;
- 3 Quarter Horse Colts

Ken Stielow: 785-483-9733
David Dickerson: 785-483-1454
www.barsangusranch.com

Annual Production Sale

SATURDAY, MARCH 13, 2021
576 E 1260 ROAD BALDWIN CITY, KS 66006 5:30 PM CST

MAY-WAY ACHIEVEMENT 1923	MAY-WAY ACHIEVEMENT 1938	MAY-WAY INCEPTION 1957
 CED BW WW YW \$B +0 +3.3 +91 +164 +\$208 SIRE: ACHIEVEMENT MGS: ACCLAIM	 CED BW WW YW \$B +12 +2.4 +87 +154 +\$163 SIRE: ACHIEVEMENT MGS: UNANIMOUS	 CED BW WW YW \$B +10 +0 +73 +140 +\$175 SIRE: MAY-WAY INCEPTION MGS: BREAKOUT
MAY-WAY ASHLAND 16H	MAY-WAY OFFROAD 1952	MAY-WAY ASHLAND 04H
 CED BW WW YW \$B +8 +.5 +67 +132 +\$177 SIRE: ASHLAND MGS: ACCLAIM	 CED BW WW YW \$B +1 +2.3 +75 +137 +\$161 SIRE: MAY-WAY OFFROAD MGS: MAY-WAY 112 819	 CED BW WW YW \$B +7 +2.1 +80 +135 +\$155 SIRE: ASHLAND MGS: BLACK GRANITE
MAY-WAY INCEPTION 1942	MAY-WAY 316 28H	MAY-WAY INCEPTION 1961
 CED BW WW YW \$B +8 +.7 +72 +132 +\$161 SIRE: MAY-WAY INCEPTION MGS: BISMARCK	 CED BW WW YW \$B +3 +2.1 +69 +124 +\$167 SIRE: 316 MGS: IDENTITY	 CED BW WW YW \$B +9 +.7 +65 +128 +\$127 SIRE: MAY-WAY INCEPTION MGS: MAY-WAY PERFECTION

Selling
65 18 mo old & long yearling bulls
15 purebred Angus females

Offering bulls sired by:
Ashland, 316, Achievement, Stunner, Perfection, Southern Charm, Playbook, Turning Point, Inception

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Consumers favor ground beef over plant-based alternatives

By Pat Melgares

Consumers overwhelmingly chose ground beef over plant-based beef alternatives in a multifaceted study now being reported by Kansas State University researchers.

Ground beef – offered with 10%, 20% and 30% fat – was strongly preferred for taste and flavor over plant-based alternatives, and less than one-third of the respondents said they would buy the plant-based alternatives in the store or retail settings, according to K-State meat scientist Travis O'Quinn.

"The results are pretty stark," O'Quinn said. "Our three ground beef prod-

ucts were highly desired by consumers. We didn't witness many differences among the three fat levels we offered, but when we compared those to the ground beef alternatives, every one of the alternatives had a tendency to fall out (of favorability with consumers)."

Consumers rated the plant-based alternatives as "extremely dry," according to O'Quinn, and rated those products "very low" for flavor. In one test, only 18% of the consumers said they would be willing to buy the plant-based ground beef alternative.

O'Quinn said the researchers tested ground

beef alternatives designed for retail and food service use, and another consisting of a traditional soy protein base.

The market for plant-based alternatives to all forms of beef has grown in grocery stores and some restaurants over the past six years. O'Quinn noted, however, that "not many of these products are tested or evaluated on how they really do stack up to ground beef."

"There is a need to assess these products and determine whether the claims that they can substitute for beef or pork or sausage are (legitimate)," O'Quinn said. "We need

to make sure that we fact check those claims to get a good idea of what the science says as it relates to how these products compare to the products they are trying to substitute for."

The K-State study seems to indicate that they are not comparable, but rather separate food items.

"These ground beef alternatives are very different than ground beef," O'Quinn said. "There's nothing we can measure that puts it on the same

level playing field with ground beef... not how they're cooked, looked or taste."

Some additional findings reported in the study include:

Plant-based ground beef alternatives are more tender than regular ground beef. However, with ground products, that's not necessary a good thing. The tenderness made the products more soft and less likely to hold together. Ground beef's ability to stick together provides a texture

that was more preferred by consumers.

While ground beef patties tend to shrink when cooked, the plant-based alternatives stayed the same size – and in some cases even got somewhat bigger.

The team's work, funded by the Kansas Beef Council, is included in the research report offered during the annual K-State Cattlemen's Day, March 5. The report is available to view online through the K-State Research and Extension bookstore.

United States beef exports expected to see increase

By Derrell Peel, Oklahoma State University

U.S. beef exports totaled 2,566.7 million pounds in 2020, down 2.3 percent from the previous year but still the third largest annual beef export total. The COVID-19 pandemic caused sharp disruptions in beef exports at times during the year with monthly exports down over 30 percent year over year in May and June. However, exports recovered by year-end with combined November and December beef exports up 12.6 percent year over year.

Beef Exports

Japan is the largest market for U.S. beef, increasing by 3.7 percent in 2020, to the second highest level ever, after declining in 2019 from the 2018 all-time peak. South Korea has been the fastest-growing beef market in recent years in terms of total volume and has been the second largest beef export market since 2016. Beef exports to South Korea decreased by 2.1 percent in 2020 from the 2019 peak. Japan and South Korea combined to account for 51 percent of total beef exports in 2020.

Mexico was the third largest U.S. beef export market from 2014-2019 but dropped sharply in 2020 due pandemic impacts and macroeconomic weakness. Total exports to Mexico were down 24.7 percent year over year in 2020. Beef exports to Mexico were down an average of more than 56 percent year over year for each of the months from April-September but finished the year strong with November and December exports up by 50.7 percent year over year.

Combined beef exports to China and Hong Kong increased 28.8 percent to become the third-largest destination for U.S. Though the data for China and Hong Kong are report-

ed separately, it is important to look at the total for the two since they are effectively one market now. Individually, beef exports to China increased by 271.0 percent year over year in 2020, more than offsetting a 4.7 percent year over year decrease in beef exports to Hong Kong.

Beef exports to Canada increased 6.8 percent in 2020 from the previous year and is the fifth-largest beef export market. Taiwan is the number six market for U.S. beef and was unchanged from year earlier levels in 2020. Beef exports to Taiwan jumped sharply in 2018, adding to an increasingly diverse

portfolio of export markets for U.S. beef. The remaining 10 percent of beef exports includes small amounts to 120 different countries. Most of this remaining total includes exports to a broad set of countries such as the Philippines, Indonesia, the Netherlands, Chile, Guatemala, Singapore, Columbia and the Bahamas.

U.S. beef exports are expected to increase modestly in 2021 to reach the second highest level behind the 2018 export record. Keys to export growth include continued growth in exports to the China/Hong Kong market and recovery of beef exports to Mexico.

LAND AUCTION

SATURDAY, APRIL 3, 2021 * 10:00 AM
At WASHINGTON, KANSAS

2 Tracts – Located southeast of Washington, Kansas

TRACT 1 – The N ½ NE ¼ 24-3-3, less a 5 acre tract, Washington Township, Washington County, Kansas

This farm, 75 Acres, more or less, is a mix of warm and cool season grasses. About ¾ of the farm is gently sloping to moderately sloping Crete soils. It has been used as grassland for several years. There are 2 timbered draws. The 2020 taxes were \$217.37.

This farm is well located 1 mile east and 2 miles south of the US-36/K-15 junction in Washington. The northeast corner of the farm is at the intersection of 15th Road and Rainbow Road

SELLER: THE ESTATE OF RAY DITMARS

TRACT 2 – COUNTRY HOME on 5 ACRES located at 1890 15th Road, Washington, Kansas

5 Acres, more or less, with a ranch style home built in 1993. The main floor of the home has an open living/dining room with a vaulted ceiling. The spacious kitchen features oak cabinets, a large island, and a breakfast nook. The laundry/mud room is located right off the kitchen and includes a half bathroom. The master suite is also on the main floor and has a large closet and bathroom with plenty of storage. The finished walk-out basement has a family room, 2-3 bedrooms, and a large bathroom with a jetted tub and shower. A screened breezeway connects the house to the oversized 2 car garage. The home has central heating and air conditioning. There is rural water and a lagoon.

The rest of the acreage features fruit trees, landscaping, a timbered draw, and good windbreak. This acreage is well located southeast of Washington on a good gravel road. The 2020 taxes were \$1,916.37.

To see the property, call 785-325-2734 for an appointment, or come to the OPEN HOUSES on Sunday afternoon, March 14 from 3:00-5:00, or Sunday afternoon, March 21 from 1:00-3:00.

SELLER: MELISSA DITMARS

TERMS ON BOTH TRACTS: Ten percent down, the balance due in 30 days. Possession at closing.

These tracts will be offered separate and together, and will be sold in the manner which brings the most money.

Announcements the day of the auction take precedence over previous advertising.

Auction by:

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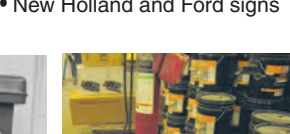
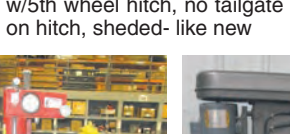
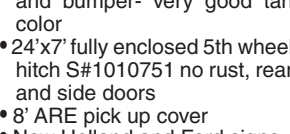
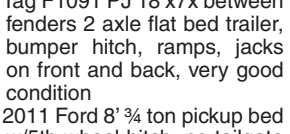
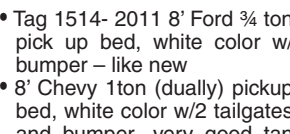
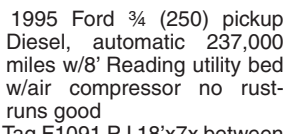
AUCTION

SATURDAY, MARCH 20, 2021, 10:00 AM

Held At KanEquip, 18035 E. Hwy. 24, WAMEGO, KANSAS



Service truck; Auto trailer; Air compressors; Welders; 25 sets of tractor tires (new and used); Hyd valves; Tractor hoods; PTO shafts; Drago corn head parts; Macdon adapters and parts; Rear combine hubs and axles; Tractor weights; Tractor front fenders; Tire machine (air) like new; Drill presses; Pickup tires and wheels; Lots of misc. parts and attachments; Chairs and desks; Tractor Dynos. Boxes and boxes of parts, service and operator manuals for CIH, Ford, NH, Massey Ferguson



Much more to follow!
Full listing out soon!
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KanEquip Inc.

Premium Genetics Bull Sale

Saturday March 13, 2021 ~ 1:00 pm.
Wamego, KS ~ Kansas Bull Development
Simmental | Sim Angus™ | Red Angus | Angus



Yearling PB Simmental
ASA# 3745415



Fall Angus
AAA# 1990600



Yearling 1/2 SimAngus™
ASA# 3745405



Fall Angus
AAA# 19918400



Yearling 1/2 SimAngus™
ASA# 3745407



Fall Bred Angus
AAA# 195817476



Yearling 3/4 Sim Angus™
ASA# 3745428



Fall Red Angus
RAAA# 4357807

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SELLING 60 Bulls & 20 Females

40 Angus & 20 SimAngus - 18-month-old bulls
10 F1 Baldy Heifers - bred for 2021 fall calves
10 Heifer Pairs - calves born Feb. of 2021, sired by SAV Rainfall



Growth Fund



TEX Playbook



Cowboy Cut

Sires represented:

Angus:

Growth Fund – Playbook – Gold Rush – Consensus – Bronc

Emblazon 999

Simmental:

On The Mark – Cowboy Cut – Exclusive

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TYSON FRESH MEATS, FINNEY COUNTY

RUN DATE: 05/24/20

QUALITY GRADING:

PRIME 75.0

CAB 28.0

CHOICE 7.0

SELECT 0.0

HEIFERETTE 0.0

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OTHER 0.0

TOTAL 110

68% Prime
26% CAB
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Conversations continue about beef's contribution to climate change

In an interview with Bill Gates published recently by MIT Technology Review, Gates discusses his new book, *How to Avoid a Climate Disaster*. "I'm afraid the synthetic (protein alternatives like plant-based burgers) will be required for at least the beef thing," Gates said. Gates, who is an investor in Beyond Meat, Impossible Foods and Memphis Meats, in response to another question about "How hopeful are you about agriculture?" said, "In terms of livestock, it's very difficult... So no, I don't think the poorest 80 countries will be eating synthetic meat. I do think all rich countries should move to 100% synthetic beef. You can get used to the taste difference, and the claim is they're going to make

it taste even better over time." Texas Cattle Feeders Association chairman Scott Anderson couldn't disagree more with the climate reasoning used by Gates in his comments about the 'beef thing.' "Statements like those made by Gates continue to demonstrate how U.S. cattle producers are falsely demonized by anti-meat activists and synthetic meat companies through their inaccurate portrayal of U.S. beef production by associating us with much less efficient beef growing regions that are working every day to become more like U.S. cattle and beef producers," Anderson said emphatically. "And, while none of the media outlets reported on other aspects of the Gates inter-

view, even Gates himself recognizes how productive and efficient we are." Anderson was referring to other questions answered by Gates in the interview where Gates bragged about his Foundation's work in Africa to crossbreed cattle with elite U.S. beef lines because they are so productive and the emissions per pound of beef are dramatically less.

Furthermore, Jerry Bohn, NCBA president, responded by saying beef is being painted as a villain that can be minimized or eliminated to help solve global climate issues, but cattle producers know this is not accurate. "The reality is that we know cattle can be a part of the solution. We know that pasture and rangeland, through proper management, can actually reduce the amount of carbon and more than offset the short-lived methane emissions of our cattle," he said. Bohn goes on to say that Americans and decision makers around the world must recognize that cattle farmers and ranchers are part of the solution.



Week Seven February 26, 2021

Recently, I testified in the Senate Transportation Committee in support of SB19, which would rename a five-mile portion of U.S. Hwy. 77 in honor of two local Vietnam veterans who were killed in action, Corporal Allen E. Oatney, and SP4 Gene Allen Myers. These Marshall county soldiers, deserving of this recognition, paid the ultimate price for our country. Mayor Jerry Zayas, Blue Rapids, and his wife Janet, both veterans, also testified, as did Sen. Elaine Bowers, representing the 36th District.

I also proposed an amendment to HB2025 in Federal and State Affairs Committee, removing county weed supervisors

from the bill. Their work in noxious weed inspections is civil in nature and not criminal, thus a warrant is not justified. Thanks to the Kansas Livestock Association for its expertise with drafting the amendment.

Other recent committee actions this week:

- Children & Seniors:
 - Passed HB2345 establishing the Office of the Child Advocate for children's protection and services
 - Passed HB2149 regarding certain persons who reside, work, or regularly volunteer at child-care facilities that would otherwise not be permitted to be allowed to do so if they do not present a safety concern

- Passed HB2371 changing certain requirements to receive public assistance

Federal and State Affairs:

- Passed as amended HB2252 creating fulfillment house licenses to authorize storage and shipping services provided to winery special order shipping licenses

- Heard two days of testimony on medical marijuana

- Passed as amended HB2025 protecting private property from unauthorized access by certain government officials and unauthorized surveillance. This is the aforementioned bill, amended to remove county weed supervisors

- Passed HB2340 increasing the minimum age from 18 to 21 years to purchase or possess cigarettes, electronic cigarettes, consumable materials, and tobacco products

Agriculture:

- Passed HB 39 changing Kansas Department of Agriculture division of animal health license, permit and registration

renewal deadlines and allowing the Animal Health Commissioner to recover actual cost of official calf-hood vaccination tags

- Passed SB 40 updating provisions related to the Kansas Department of Agriculture division of conservation

- Heard from Cooperative organizations concerning their goods and services

- Passed HB2336 making it unlawful to "take" a wildlife simulated device that is being used by a law enforcement officer for the purpose of enforcing the wildlife laws of Kansas

On the House floor recently: Eighteen bills came to the House floor, all passed. Highlights include:

- HB2078 addressing the Kansas law on speedy trials giving Kansas courts additional time to work through the backlog created by COVID 19.

- HB2237 extending the eligible time for the Rural Opportunity Zone (ROZ) loan repayment program and income tax credit.

- HB2244 establishing requirements for effective industrial hemp disposal and requiring industrial hemp producers to register with the state fire marshal. This bill came out of the Ag committee.

- SB 39 and SB40 - see explanations above in the Agriculture committee

Next week we will be on the House floor every day taking up and debating bills on many subjects.

Follow me on Facebook: Moser 4 KS House 106

Website: www.moser4kshouse106.com

Follow the session on: www.kslegislature.org

Reach me at lisa.moser@house.ks.gov; Capitol office phone 785-296-7637; home phone 785-456-3876. Please leave a message if I do not answer. Thank you.

REAL ESTATE & PERSONAL PROPERTY AUCTION

SATURDAY, APRIL 10, 2021
TIME: 10:00 AM (Personal Property) * 11:00 AM (Real Estate)

AUCTION LOCATION: Onsite at 4696 Starfire Lane, WAMEGO, KANSAS 66547

OPEN HOUSE: SUNDAY, MARCH 28 * 1-3 PM



DESCRIPTION
Get ready to move! Enjoy over 3,000 sq. feet on 2.3 acres conveniently located between Wamego & Manhattan. This home features 4 bedrooms, 3 full baths, an attached 2 car garage, with a walkout basement. The open kitchen & dining area opens onto a large deck on the back of the home with picturesque views. The basement provides a wet bar, fireplace and beautiful rock work. It walks out under the deck onto a partially enclosed patio with a huge dog kennel to a fenced in yard. The backyard offers many bonuses such as the 30 X 30 insulated and powered shop with an overhead door and majestic brick fire pit to enjoy year round.

REAL ESTATE TERMS: Property sells AS IS, WHERE IS. 5% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before May 10, 2021. Buyer needs bank letter of loan approval or funds verification. Cost of Owners Title Policy to be split equally between Buyer and Seller. Buyer is responsible for understanding zoning and regulations prior to the auction. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

Check us out on Facebook & Online for more info www.kscrossroads.com www.facebook.com/KScrossroadsauctions



TERRI HOLLENBECK, Listing Agent-Broker/Owner,
785-223-2947
ANDREW SYLVESTER, Auctioneer, 785-456-4352

COIN AUCTION
SATURDAY, MARCH 20, 2021 — 9:00 AM
627 Market St — PORTIS, KS • Doors Open 8 AM for Viewing!
Selling Over 400 Lots inc.: Tokens; wooden nickels; PR & Mint sets; 2 ct. pieces inc. 1864 Small Motto AU, 1865 & 66 & 72 XF; 1/2 Cts. inc. 1807 AU, 1808 XF, 1834 AU; Large Cts.; 1/2 Dimes inc. 1832 AU55, 1871 UNC; 3 Ct. Nickels; Trade \$ inc. 1875CC UNC, 76s UNC, 77s & 76CC; 20 Ct. pieces inc. 1876 UNC; Bust 1/4 inc. 1832 AU, 1838 AU; Bust Dimes inc. 1811, 24 & 27; Bust 1/2 inc. 1806, 09, 10, 25 UNC & 1827 UNC; Seated \$ inc. 1872 & 79 AU55; Seated Dimes inc. 1837, 74, 77CC; Shield Nickels inc. 1867; Buff Nickels inc. 1913 TYII AU, 1918/7d F; Seated 1/4 inc. 1875s AU, 54 AU55, 57 AU; 3 Ct. Silver inc. 1852 AU; SL 1/4 inc. 1918d UNC, 21 XF; Peace \$ inc. 1921 SF, 29d UNC; Morgan \$ inc. 1901s UNC, 02s XF; Gold Pieces inc. \$, \$2 1/2, \$3, \$5, \$10 & St. Gaudens; & More!

FOR COMPLETE LISTING CALL OR VISIT OUR WEBSITE!
www.woltersauctionandre.com

SALE CONDUCTED BY: WOLTERS AUCTION
627 Market St., Box 68 • Portis, KS 67474
Cols. Jim Wolters and Rich Fairbank, Auctioneers
Phone 785-346-2071; Cell 785-545-7097
Email: wauction@ruraltel.net

KEY FEEDS CATTLE MINERAL SALE:
Feb. 1 - May 15, buy 20 bags and get 1 bag free!
Order by May 15 and ship by May 28 for free bag special

Key Feeds will custom mix your cattle mineral the way you want.
Choose any of the following additives:
Chlortetracycline • Zinpro Availa 4 chelated trace minerals • MOS
3 choices of fly control: Altosid, Justify or Rabon.
Cinnagar • Bovatec or Rumensin
*One ton minimum order for bags delivered or
2 tons minimum order for bulk delivered.*



CALL KEY FEEDS TODAY
1-800-432-7423 OFFICE
Clay Center, Kansas 67432
Byron Thoreson • 785-630-0161
Rod Bohn, GM • 785-630-0846

MINNEAPOLIS LOCATION: James Carr • 785-630-0491
TIPTON LOCATION: Tim Wiles • 785-630-1049

FEED
**FEEDS**
Joseph Ebert, VP
Fourth & Pomeroy Associates, Inc.

JC LIVESTOCK SALES INC.
Wednesday Sale, Hogs NOON • Cattle 12:30 PM
Report from March 3, 2021

STEERS					
2	443	177.00	4	581	137.50
4	596	169.50	12	655	134.00
5	615	165.50	21	641	131.25
3	610	161.50	17	753	125.50
9	653	159.75	75	744	124.50
10	722	145.50	53	700	123.00
9	710	143.50	2	883	119.00
38	793	134.60	19	866	119.00
6	843	128.75	7	992	118.50
4	855	128.00	TOP BUTCHER COW:		
18	826	126.50	\$61.50 @ 1,615 LBS.		
6	882	126.00	TOP BUTCHER BULL:		
11	1016	125.00	\$86.50 @ 2,035 LBS.		
HEIFERS					
2	420	145.00	BRED COWS: NO TEST		
7	454	143.50	PAIRS: \$1,650		
4	555	142.00	FAT HOG TOP: NO TEST		


CONSIGNMENTS FOR MARCH 10:
8 Simm X Ang 12-18 months
20 mix str & hrs 500-600 lbs W.V.
PLUS MORE BY SALE DAY!

SPECIAL COW SALE (in conjunction w/ regular sale)
MARCH 24TH @ 12:30 P.M.

SPECIAL HORSE & TACK SALE
SATURDAY, MARCH 27TH
TACK — 10:00 a.m. • HORSES — 1:00 p.m.

Watch online with cattleusa.com (Tab J.C. Livestock Sales)
Must register to bid.
If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.


JUNCTION CITY, KANSAS • Barn Phone 785-238-1471
Seth Lauer 785-949-2285, Abilene



KARL LANGVARDT
Cell: 785-499-2945

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 2, 2021

STEERS					
19	461	190.00	26	618	133.25
4	504	178.00	4	646	129.00
6	577	169.00	20	757	127.50
40	558	167.00	22	719	127.00
11	710	144.50	3	893	118.50
3	758	143.00	4	818	115.50
7	691	142.50	TOP BUTCHER COW:		
16	703	131.00	\$68.50 @ 1,723 LBS.		
17	813	126.50	TOP BUTCHER BULL:		
28	876	125.50	\$96.00 @ 1,910 LBS.		
9	898	120.00	BRED COWS:		
17	990	118.00	\$850-\$1,200		
HEIFERS					
7	483	148.00			
6	553	145.00			

CONSIGNMENTS FOR MARCH 9:
20 first calf heifer pairs AI calves out of New Addition, all cows and calves are worked and poured ready for grass consigned by Pollam Farm
PLUS MORE BY SALE DAY!

Special Alternative Animal Sale
April 10th & 11th

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

EMPORIA LIVESTOCK SALE CO.
Bonded & Insured
SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM
620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 3/3/21. Total Head Count: 2,296.
COWS: \$42-\$67.00. BULLS: \$79-\$90.00.

BRED COWS		HEIFERS	
7 blk.....	1121@161.00	10 red.....	501@174.00
33 blk.....	572@174.00	7 blk.....	551@171.00
19 mix.....	477@174.00	15 mix.....	561@170.00
8 blk.....	474@169.00	7 Char.....	560@166.00
8 bkbwf.....	409@161.00	9 mix.....	578@163.50
7 mix.....	501@165.00	23 blk.....	610@162.00
8 bkbwf.....	529@160.00	9 blk.....	613@162.00
17 mix.....	539@159.00	14 blk.....	612@160.50
24 blk.....	551@157.00	17 blk.....	609@158.00
13 blk.....	553@155.00	14 mix.....	622@150.50
12 blk.....	598@149.00	10 mix.....	693@148.00
17 blk.....	601@147.00	39 mix.....	663@147.75
9 blk.....	633@145.00	14 blk.....	699@147.75
11 blk.....	661@140.50	35 blk.....	670@147.50
20 blk.....	660@140.00	11 mix.....	674@147.00
7 blk.....	644@139.00	18 blk.....	682@145.00
8 blk.....	666@137.00	17 blk.....	703@149.75
36 mix.....	653@134.50	22 blk.....	700@147.75
17 blk.....	679@134.50	16 blk.....	706@146.50
7 blk.....	666@133.00	45 blk.....	745@139.50
17 mix.....	685@127.00	10 bkbwf.....	735@138.00
10 mix.....	699@126.50	8 bkbwf.....	722@135.00
7 blk.....	669@124.00	13 blk.....	713@134.50
8 blk.....	706@136.00	9 mix.....	758@134.50
45 blk.....	743@127.25	23 blk.....	745@134.25
7 blk.....	720@127.00	7 mix.....	743@133.50
72 mix.....	745@126.00	27 mix.....	788@133.50
15 mix.....	758@124.50	15 blk.....	799@132.50
31 mix.....	759@124.35	10 blk.....	787@131.50
69 blk.....	778@124.00	8 mix.....	766@129.00
25 mix.....	760@123.50	23 blk.....	828@132.75
74 mix.....	780@123.50	19 mix.....	810@132.00
17 mix.....	777@123.00	35 blk.....	825@132.00
10 blk.....	811@123.25	13 blk.....	835@131.00
25 blk.....	805@123.00	13 blk.....	830@130.50
13 blk.....	830@122.00	9 blk.....	803@129.50
7 wf.....	809@121.50	38 blk.....	898@123.25
9 blk.....	828@121.50	7 blk.....	890@123.00
24 blk.....	870@119.25	47 mix.....	858@116.50
17 mix.....	877@118.50	41 blk.....	933@125.00
14 blk.....	984@111.00	11 blk.....	915@124.00
STEERS			
12 mix.....	450@183.00	39 blk.....	938@123.25
10 mix.....	458@183.00	9 blk.....	941@121.50
40 blk.....	505@180.00	23 mix.....	976@121.50
11 blk.....	572@177.00	8 blk.....	979@119.00
7 mix.....	529@175.00	53 mix.....	1000@121.60

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT!
YOUR BUSINESS IS ALWAYS APPRECIATED!
For Cattle Appraisals Call:
BRODY PEAK, 620-343-5107 **GLENN UNRUH, 620-341-0607**
LYLE WILLIAMS, Field Representative, 785-229-5457
WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs & Fri.
To see more consignments go to: emporialivestock.com

Legumes improve pastures, grazing and profits

Add legumes to grazing pastures to improve cattle performance and forage production, says University of Missouri Extension regional livestock specialist Patrick Davis.

Frost-seed clovers and lespedeza now, Davis says. They grow well with cool-season grasses and improve spring and summer pastures.

“Proper establishment is important to incorporation and persistence of these legumes,” he says. He urges producers to work with their local Extension agronomist when seeding legumes. The MU Extension publication “Seeding Rates, Dates and Depths for Common Missouri Forages” is available at extension.missouri.edu/g4652.

Clovers and lespedeza can be seeded by drill or broadcast. Davis prefers drilling because it im-

proves seed-to-soil contact for better establishment.

“If you broadcast seed, use cattle hoof action as well as the freezing and thawing process to work the seed into the soil,” Davis says.

“Legumes improve year-round cattle grazing opportunities when added to cool-season grass pastures,” he says. Clovers enhance grazing in the spring while lespedeza improves grazing during late spring and summer.

Proper grazing management of legumes improves persistence and cattle performance. Davis recommends rotational grazing to prevent overgrazing.

Grazing pastures to four-inch stubble height and then rest pastures three to four weeks to maintain mixtures of white clover, fescue and orchardgrass.

“The best time to graze

red clover is when about half the plants are blooming,” Davis says. “At this point, the forage will yield a feeding value similar to alfalfa.”

Cattle bloat can result from grazing high-protein, highly digestible legumes. To reduce bloat, incorporate white clover in a mixed grass stand or slowly adapt cattle to very thick stands of clover. Another way to reduce cattle bloat is to provide supplemental poloxalene or bloat blocks to cattle, he says.

Lespedeza is a non-bloating legume that improves grazing in summer months, Davis says. Lespedeza is a drought-tolerant, warm-season legume that provides summer grazing in cool-season mixed pastures.

Do not overfertilize pastures with lespedeza. Most fertilizer appli-

cations of more than 30 pounds of nitrogen per acre will reduce stands of lespedeza. Lespedeza is an annual but will come back each year if it re-seeds.

Clovers and lespedeza also help to reduce fescue toxicosis in cattle by diluting fescue pastures, Davis says. Adding legumes results in better-quality forages, improved cattle production and higher profits.

To learn more about fescue toxicosis in cattle, see the MU Extension publication *Tall Fescue Toxicosis* at extension.missouri.edu/g4669.

For more information, contact your local MU Extension agronomy or livestock specialist. Find more resources on improving grasslands from the NRCS + MU Grasslands Project at extension.missouri.edu/programs/nrcsmu-grasslands-project.

Poll reveals regenerative farming practices yield benefits early, increase with time

A recent poll of the Soil Health Academy's (SHA) 2019 and 2020 school graduates indicates a majority are realizing resource and profitability improvements as they transition from chemically dependent conventional farming practices to soil health-improving regenerative practices.

The poll of more than 130 graduates reveals those improvements are even more pronounced among producers who have been implementing regenerative practices for more than a year.

For example, 56 percent of respondents who attended an SHA on-farm school in 2020 reported a decrease in the use of synthetic fertilizers, while more than three-quarters (76 percent) of graduates attending an SHA school in 2019 reported a decrease in use. Nearly a third of all SHA graduates indicated their synthetic fertilizer use decreased by more than 30 percent.

Similarly, 53 percent of 2020 graduates reported a decrease in the use of pesticides and herbicides, while 70 percent of 2019 graduates reported a decrease. A quarter (25

percent) of all graduates indicated their synthetic fertilizer use decreased by more than 30 percent.

Two thirds (66 percent) of 2020 graduates realized improvements in their soils' water infiltration while 76 percent of 2019 graduates reported improvements. For graduates grazing livestock, 63 percent of 2020 graduates reported biomass increases, while 90 percent of 2019 graduates reported increases.

Input decreases, coupled with increases in cropping diversity, enterprise stacking, and direct-to-consumer marketing activities translated into increased per-acre net profits for 37 percent of 2020 graduates, while 60 percent of 2019 graduates reported increased profits. Of all SHA graduates, 15 percent indicated their net-acre profits had increased by more than 10 percent.

“The survey confirms that many producers experience financial and resource improvements early in their respective regenerative farming and ranching journeys, but those benefits increase the longer producers apply

soil health-improving principles in their operations,” Brandt said. “The survey also reaffirms that education, understanding and technical support activities—like those provid-

ed by SHA—are key in improving positive regenerative farming outcomes.”

For more details on the poll, visit www.soilhealthacademy.org.

Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway
Livestock Auction every Tuesday at 12 NOON
****STARTING TIME: 12:00 NOON****

MARKET REPORT FOR TUESDAY, MARCH 2, 2021
RECEIPTS: 1,713 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
WWW.HOLTONLIVESTOCK.COM

STEERS		HEIFERS	
8 blk bwf str	440@188.50	5 blk hfrs	446@166.00
9 blk char str	473@185.75	4 blk hfrs	393@161.00
12 blk str	504@183.00	11 blk bwf hfrs	386@161.00
13 blk str	578@173.00	4 blk hfrs	480@159.00
24 blk str	599@169.00	5 blk hfrs	522@157.00
13 blk str	609@166.50	24 blk char hfrs	540@145.00
12 blk str	609@166.00	12 blk hfrs	523@144.00
24 blk str	642@161.50	25 blk hfrs	591@144.00
12 blk str	674@153.50	13 blk hfrs	540@142.00
13 blk str	741@142.25	13 blk bwf hfrs	586@137.50
44 blk str	790@139.75	13 blk hfrs	652@135.50
24 blk bwf str	742@138.00	16 blk hfrs	658@134.50
17 blk bwf str	808@132.50	12 blk red hfrs	596@132.00
13 blk red str	743@131.50	18 blk bwf hfrs	712@130.75
11 blk str	885@127.00	55 blk char hfrs	700@127.00
15 blk bwf str	887@123.00	10 blk red hfrs	677@127.00
13 blk str	1002@122.50	18 blk hfrs	747@124.00
		13 blk red hfrs	686@123.75
		14 blk hfrs	706@123.25

SPRING CONSIGNMENT AUCTION, THURSDAY, MARCH 27, 9AM

SPECIAL COW AUCTION, THURSDAY, APRIL 8, 6 PM

Dan Harris, Auctioneer & Owner • 785-364-7137
Danny Deters, Corning, Aust. & Field Rep • 785-868-2591
Dick Coppinger, Winchester, Field Rep. • 913-774-2415
Steve Aeschliman, Sabetha, Field Rep. • 785-284-2417
Larry Matzke, Wheaton, Field Rep. • 785-268-0225
Craig Wischropp, Horton, Field Rep. • 785-547-5419
Barn Phone • 785-364-4114
WEBSITE: www.holtonlivestock.com
EMAIL: dan@holtonlivestock.com

View our auctions live at “Imauctions.com”

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 4th, we had 980 head of cattle on a higher market.

STEERS		HEIFERS	
10 bkbwf 497@187.50	27 bkbwf 831@131.00	13 RdAng 724@129.00	
14 blk 514@179.50	10 blk 934@124.00	13 bkbwf 740@128.00	
23 bkbwf 580@167.50	16 blk 1055@123.00	10 bkbwf 766@128.00	
6 bkbwf 584@165.00	4 blk 515@158.50	19 bkbwf 777@125.00	
5 blk 552@163.00	6 blk 564@148.75	68 mix 797@122.00	
7 blk 629@160.00	9 bkbwf 596@148.50	16 bkbwf 788@121.25	
10 bkbwf 623@157.50	9 bkbwf 581@147.00	58 bkSmX 839@121.20	
19 bkbwf 657@152.25	10 bkbwf 615@145.50	13 bkSim 957@116.75	
13 bkbwf 657@152.25	5 bkbwf 559@145.00	BULLS	
656@151.75	9 bkbwf 644@137.50	3 blk 470@151.00	
6 bkbwf 698@149.00	6 bkbwf 652@136.75	16 bkChr 576@140.00	
8 bkRd 706@147.50	11 bkbwf 681@135.25	6 blk 647@132.00	
11 blk 732@143.00	34 bkbwf 698@130.75	7 blk 744@119.75	
13 bkbwf 768@136.00	18 bkbwf 738@130.25	8 bkRd 838@117.25	

Butcher Cows: \$34-\$70.50, mostly \$58-\$67, very active.

Butcher Bulls: \$77-\$95.00, mostly \$87-\$92, very active.

BUTCHER COWS		BUTCHER BULLS	
1 Brang 1965@70.50	1 blk 1980@95.00		
1 bwf 1590@68.50	1 blk 2475@94.50		
2 blk 1713@67.00	1 blk 2110@94.00		
1 blk 1575@67.00	1 blk 2355@94.00		
1 blk 1625@65.50	1 blk 1940@93.50		
1 Char 1685@64.50	1 GryX 1605@92.00		
1 RBF 1615@64.50	1 Red 2140@91.00		
1 bwf 1670@64.50	1 blk 2215@91.00		
1 Brang 1640@64.00			
1 Brang 1500@63.00			

EARLY CONSIGNMENTS FOR MARCH 11

- 110 Fancy Red Angus str & hfrs 400-700 lbs., H.R. long-time weaned & double vac. Dry wintered.
- 180 blk bwf & few Char X str & hfrs, 650-850 lbs., H.R., long time weaned & double vac.
- 150 blk bwf Char X str & hfrs, 500-750 lbs., H.R., long time weaned & double vac.
- 45 blk bwf str & hfrs, 450-550 lbs., H.R., long time weaned & double vac.
- 60 blk Red Char X str & hfrs, 500-750 lbs., H.R., long time weaned & double vac.
- 50 blk bwf cows from 1 ranch, Fall bred. Just selling as weigh cows.

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

Conducting a prescribed burn

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

As you read this, we are just coming off a long cold snap. Snow isn't melting, and spring forage management might be the last thing on your mind. Nonetheless, spring will soon be upon us, and our focus will transition to grass management for the growing season, and that may mean consideration of a prescribed burn on forage stands.

I like prescribed fire in forage systems. When burns are conducted safely, they can be an effective management tool. The weed and brush control benefits they provide, particularly in our native grass systems, are well documented. Still, before blindly conducting a burn, the question should be asked: why am I burning?

What benefit is prescribed fire going to do for my forage stand or wildlife habitat? Cool-season grasses typically don't tend to respond to fire like warm season prairie grasses do. In fact, if burned too frequently or at the wrong time, stands can be harmed.

We don't burn cool season grasses at the same time as warm-season grasses. If you are trying to take out brush or taller cedar trees, do you have enough fuel, and will it be flammable during the appropriate time? If ample fuel loads are not available to burn up small cedar trees, or if burns are being conducted prior to the beginning of regrowth on our brush species (as is often the case with our cool-season grasses), control will not be as effective as you'd like. At that point, other management options may better help you achieve your desired objective.

There are certainly instances when prescribed fire is a valuable forage management tool. Take a little time now to determine if that value applies to your individual situation.

Central Livestock

811 N. Main St.
South Hutchinson, Ks

www.centrallivestockks.com

Office: 620-662-3371

or Matt Hoffman (Owner): 620-727-0913

Hay Auction- Every Tuesday at 9:00 a.m.

Cattle Auction- Every Tuesday at 10:00 a.m.

Hog/Sheep/Goat Auction- Every 3rd Saturday

Horse/Tack Auction- Every 1st Saturday

Results From March 2nd Sale:

Steers		Heifers	
300-400#	\$165.00-\$195.00	300-400#	\$167.00-\$175.00
400-500#	\$144.00-\$189.50	400-500#	\$146.00-\$180.00
500-600#	\$140.00-\$164.50	500-600#	\$136.00-\$159.75
600-700#	\$139.00-\$160.00	600-700#	\$118.00-\$138.00

Sat., March 20th - Hog/ Sheep/ Goat Sale

Sat., April 3rd - Horse & Tack Sale

Tues., April 13th - Calf/Yearling Special

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 3-4-21. 1,776 Head.

300-400 lb. steers, \$148-\$186; heifers, \$138-\$174.50; 400-500 lb. steers, \$168-\$190; heifers, \$139-\$172; 500-600 lb. steers, \$140-\$181; heifers, \$115-\$161; 600-700 lb. steers, \$127-\$165; heifers, \$109-\$137; 700-800 lb. steers, \$107-\$133.75; heifers, \$106-\$124; 800-900 lb. steers, \$101-\$129; heifers, \$101-\$124; 900-1,000 lb. steers, \$90-\$126.20; 1,000-1,100 lb. steers, \$100-\$117.25. **Trend on Calves:** Fully steady on like kind & weight. **Trend on Feeder Cattle:** \$2.50-\$8.50 lower on 700-1,000# hfrs; \$2-\$6 lower on 750-1,000# str. **Butcher Cows:** high dressing cows \$59-\$68.50; Avg. dressing cows \$45-\$55; low dressing cows \$20.50-\$35. **Butcher Bulls:** Avg. to high dressing bulls \$74-\$87.50. **Trend on Cows & Bulls:** Fully Steady.

Some highlights include:

HEIFERS			
7 blk	399@174.50	42 blk	537@181.00
5 blk	436@168.00	13 mix	602@162.50
17 blk	462@172.00	48 blk	608@164.50
4 mix	555@149.75	6 blk	652@152.50
6 blk	620@137.00	70 blk	782@132.75
9 mix	701@124.00	67 mix	829@129.00
65 mix	807@124.00	60 blk&red	873@127.10
5 mix	939@108.50	56 mix	875@126.60
		61 blk	904@126.00
STEERS		56 blk	964@123.00
9 mix	432@190.00	52 mix	1083@117.25
9 blk	467@188.00		

THURSDAY, MARCH 11, 2021

- 98 mostly blk st & hf, LTW & shots, HR, 400-750lbs
- 2 loads mostly blk st, 850-950lbs
- 2 loads mx st, 1000-1050lbs
- 40 mx st & hf, off wheat, LTW, 600-800lbs

SATURDAY, MARCH 20, 2021

SPECIAL COW SALE, 11 AM

- 60 Red Angus replacement heifers, 700-800lbs
- 20 1st calf Angus / Angus cross heifer pairs, calves mostly AI sired with rest being cleaned up by Angus bulls
- 30 1st calf Angus heifer pairs, calves out of Hereford bulls, calves will be 30+ days old at sale
- 50 1st calf Angus / Angus cross heifer pairs, calves out of Angus bulls
- 40 1st calf Red Angus pairs, fall pairs bred back to Red Angus bulls
- 10 black 1st calf heifer pairs
- 80 black / red 3-6 year old cows bred to black or Char bulls, approx. half will have calves by sale day
- 35 running age pairs & heavy bred cows, bred to char & Angus bull

OUR NEW WEBSITE IS UP & RUNNING!
UPDATED DAILY WITH NEW CONSIGNMENTS!
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/Manager (316) 680-9680	Steven Hamlin (602) 402-6008 (H) (620) 222-1199 (M)
Chris Locke (316) 320-1005 (H) (316) 322-0675 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

SPECIAL COW SALE

EL DORADO LIVESTOCK AUCTION, INC.

2 1/2 Miles East of El Dorado, KS on Hwy 54



SATURDAY, MARCH 20, 2021

11:00 AM

- 60 Red Angus replacement heifers, 700-800lbs
- 20 1st calf Angus/Angus cross heifer pairs, calves mostly AI sired with rest being cleaned up by Angus bulls
- 30 1st calf Angus heifer pairs, calves out of Hereford bulls, calves will be 30+ days old at sale
- 50 1st calf Angus / Angus cross heifer pairs, calves out of Angus bulls
- 40 1st calf Red Angus pairs, fall pairs bred back to Red Angus bulls
- 10 black 1st calf heifer pairs
- 80 black/red 3-6 year old cows bred to black or Char bulls, approximately half will have calves by sale day
- 35 running age pairs & heavy bred cows, bred to char & Angus bulls

Go to our website for consignment updates
www.eldoradolivestock.com



316-320-3212

El Dorado, KS

www.eldoradolivestock.com

VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, MARCH 11, 2021

Special Feeder & Replacement Heifer Sale

S.T. 12:00 Noon

Expecting 3750 hd

Replacement & Feeder Heifers:

<u>Replacement & Cocker Hotties:</u>		
300 Ang NI grass & breedable top end.....	525-625#.....	Burdick Ranch
200 bwf (F-1) not topped classy.....	650-750#.....	John Tunison
150 blk, blk-x NI grass condition.....	475-600#.....	Nielsen Land & Cattle
170 blk NI.....	550-675#.....	Livermont Bros.
85 ..blk NI Ang sired green kind.....	525-625#.....	Howard, Chris & Beau Heine
75 ..blk hayfed ..	600#.....	Brad Pisha
165 blk B.V. hayfed, breedable Risse genes 500-625#	Vandermay Cattle & Grain	
78 ..blk NI hayfed, young ..	450-575#.....	Tetrault & Livermont
40 ..Ang B.V. NI breedable ..	625-700#.....	Brett Galbraith
<u>Steers:</u>		
256 Ang & blk NI long sided, light fleshed	800-950#.....	Cory Rust
256 blk sim/ang-x long time good grass cond. 475-650#.....	Nielsen Land & Cattle	
190 blk, bwf NI May born hayfed	500-675#.....	Shoemaker Fms (Dave)
234 blk & Ang NI April & May born thn w/lots of upside 450-600#	Harms Cattle Co	
108 Ang & blk NI thn, lots of hair	475-625#.....	Rex Lanka
110 rd (83) & blk (27) NI.....	475-700#.....	Middle Creek (Heerten)
95 ..blk NI good hair	575-700#.....	Ewing Ranch
81 ..blk NI hayfed 1 ld top end	650-700#.....	Steve & Gina Breuklander
60 ..blk NI	600-800#.....	Mike Moore
80 ..blk & rd NI.....	550-600#.....	Moore Ranch
40 ..Ang NI	625-700#.....	Brett Galbraith
22 ..blk NI	550-675#.....	Livermont Bros.
120 blk, few bwf strfs & hfrs NI	500-600#.....	Bob & Rachel Tate
100 blk (11 rd, rwf) (75s-25h) NI.....	450-550#.....	McIntosh Ranch Pishp
100 blk, blk-x strfs & hfrs grass	550-650#.....	Jeremy & Fennea McCall
70 ..blk (5 rd) (35s-35h) NI	600-700#.....	Grye Ranch

Differentiating the value of feeder cattle

By Whitney Whitaker, Angus Communications

Traditionally, cow-calf producers have found themselves without a way to differentiate their product. Today, that's not the case. A revolutionary shift from commodity-based marketing to value-based marketing is happening, and it is good news for cattlemen.

"We consider this a revolution in marketing because every other sector of the business understood the value of genetics

and differentiating their product based on those specifications," says Troy Marshall, director of commercial industry relations at the American Angus Association. "Here is an opportunity for the cow-calf producer to participate in value-based marketing."

During the Angus University "Revolutionary Marketing" webinar hosted Tuesday, Feb. 16, Marshall shared that cattlemen have invested in good genetics and now is the time they can stand out in the marketplace. Commercial cattlemen can capture the value created by exceptional management and genetics they put into their cattle. For seedstock producers, he also shared how the AngusLinkSM program can serve as a customer service tool that benefits their commercial customers.

AngusLink is the umbrella program that covers the genetic merit scorecard, U.S. Department of Agriculture Process Verified Programs and the Global Animal Partnership (GAP) certification. Depending on operational goals, producers can get

paid for the work they are already doing by enrolling and earning market access and market flexibility.

As this revolution builds steam, the "network effect" will continue to be greater the more people get on board. Marshall believes that participating gives producers the opportunity to improve their operations and truly make a difference in the industry.

Revolutionary Marketing was the latest in a series of Angus University webinars, conducted monthly by the Association, designed to sharpen the skills of cattle producers. Angus University provides education and resources to cattlemen in all segments of the beef industry, including American Angus Association members. To learn more visit www.angus.org/university/. All past webinars are recorded and available to view at: <http://bit.ly/auplaylist>.

Perfect Blend of Genetics Designed for **Profits**



MAR.19.2021
25th Annual Production Sale
Simmental | Angus | SimAngus™
Selling - 20 Fall Bulls, 60 Spring Bulls
50 Yearling Heifers

WEEKLY FEATURE



SFG 9561G
Fall Angus Bull
TOP 30% CE - TOP 15% WW - TOP \$15 SM - TOP 35% SC

Steve and Mary Gleason Family | Maple Hill, KS
Steve: (785) 640-8060 | Jake: (785) 640-8062
Ben: (785) 640-9390 | www.SUNFLOWERGENETICS.com

Grass & Grain Weather Report

Seven Day Forecast

WEDNESDAY
Mostly Cloudy
High: 74 Low: 41

THURSDAY
Few Showers
High: 60 Low: 37

FRIDAY
Partly Cloudy
High: 58 Low: 34

SATURDAY
Cloudy
High: 56 Low: 35

SUNDAY
Partly Cloudy
High: 55 Low: 31


MONDAY
Sunny
High: 53 Low: 32

TUESDAY
Sunny
High: 57 Low: 33

In-Depth Local Forecast

Today we will see mostly cloudy skies with a slight chance of showers, high temperature of 74°, humidity of 44%. South southwest wind 10 to 15 mph. The record high temperature for today is 79° set in 2014.

Today's Local Outlook



Last Week's Almanac

Date	H/L	Normals	Precip
2/26	58/22	49/24	0.00"
2/27	68/31	49/24	0.00"
2/28	51/24	50/24	0.00"
3/1	56/18	50/25	0.00"
3/2	66/21	51/25	0.00"
3/3	74/28	51/25	0.00"
3/4	73/26	52/26	0.00"

Rainfall 0.00"
Normal rainfall 0.41"
Departure -0.41"
Average temp. 44.0°
Average normal 37.5°
Departure +6.5°

This Week's Sun & Moon Chart

Day	Sunrise	Sunset	Moonrise	Moonset
Wednesday	6:45 a.m.	6:29 p.m.	5:41 a.m.	3:45 p.m.
Thursday	6:43 a.m.	6:30 p.m.	6:15 a.m.	4:50 p.m.
Friday	6:42 a.m.	6:31 p.m.	6:45 a.m.	5:53 p.m.
Saturday	6:40 a.m.	6:32 p.m.	7:11 a.m.	6:55 p.m.
Sunday	7:39 a.m.	7:33 p.m.	8:35 a.m.	8:54 p.m.
Monday	7:37 a.m.	7:34 p.m.	8:59 a.m.	9:53 p.m.
Tuesday	7:35 a.m.	7:35 p.m.	9:23 a.m.	10:52 p.m.

Local UV Index

0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure

Weather History

March 10, 1989 - Thirty-four cities in the central and southwestern United States reported new record high temperatures for the date. The high of 85 degrees at Hanksville, Utah was a record for March, and Pueblo, Colo., equaled their March record of 86 degrees.

Growing Degree Days

Date	Degree Days	Date	Degree Days
2/26	0	3/2	0
2/27	0	3/3	1
2/28	0	3/4	0
3/1	0		

K-14 FARM PRIMITIVE & COLLECTIBLE AUCTION

FRIDAY, MARCH 19, 2021 * 9:00 AM

LOCATION: K-14 Auction Center, 10919 S K14 Hwy, HUTCHINSON, KS 67501
NOW TAKING CONSIGNMENTS FOR OUR SPRING ANTIQUE & COLLECTIBLE AUCTION. ALL HORSE & FARM RELATED PRIMITIVES WELCOME.



Early Consignments: Private Collection of One Horse Grain Drills & Walking Plows: Platform Scales; Pitcher Pumps; Cast Iron Seats; Antique Bits; Spurs; Garden Cultivators; Anvils; Old Hardware Scales; Tack box; Forge & Blacksmith Tools; Foot Grinder; Granite pcs.; Cast Iron Skillets; Chicken Nests; Wooden Plane; Vintage & Cast Iron Toys; Old Fishing Reels; Ammo Boxes; Sausage Stuffers; Old Bar Stools; Cast

Iron Skillets & Seats; Crocks; Old Sleds; Crock & Wooden Butter Churns; Chicken Coops, Feeders, Waters & Nests; Cream Separators; Old Ammo Boxes; Windmill Tails; Garden Cultivator; Hardware Scales; Old Milk Bottles & Crates; Wash Tubs; Corn Planter; RR Jacks; Hog Oilers; Older Maytag Motor & Wash Machine; Old Gas & Cream Cans; Corn Sheller; Meat Grinders; Cherry Pitters; Metal Signs; Brass Torches; Metal Lawn Chairs; Grinding Stone; Old Picture Frames; **plus many more Farm & Ranch Collectibles. More consignments coming in daily. The biggest and best farm primitive auction in the Midwest!!**

K-14 DRAFT HORSE, MULE & CARRIAGE AUCTION

SATURDAY, MARCH 20, 2021 * 9:00 AM

LOCATION: K-14 Auction Center, 10919 S K14 Hwy, HUTCHINSON, KS 67501

Now taking consignments for Draft Horses; Mules; Carriage Horses; Quarter Horses; Ponies; Donkeys; Horse drawn Equipment; Carriages; Buggies; Wagons; Carts; Saddles; Harnesses.

Early Consignments: Well Broke Carriage & Draft Horses; 5 & 7 yr old ponies(broke); 3 yr old Standardbred Mare; Dbl Set Pony Harness; Single

Harness; 15 to 20 Good Saddles; Saddle Racks; Weaver & Hillside Tack; Used Tack; Bain Box Wagon; Draft Show Cart; Doctor Buggies; Hack Buggy; Open Courting Buggy; Pony Carts; JD Pony Box Wagon; 2 Wheel Road carts; Approx. 25 pcs Horse Drawn Equipment & 15 to 20 Wagons & Carriages; **more being consigned daily.**

For more information contact: Morris Yoder 620-899-6227 or morris_yoder@yahoo.com
Go to auctionzip.com for photos & updated information.

- Farm Auctions
- Real Estate
- Equipment

Terms: Cash, Credit Card or Check with Proper ID

- Antiques
- Livestock
- Estates



Morris Yoder Auctions • 620-899-6227
Email: morris_yoder@yahoo.com
Website: morrisauctions.com



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



Saturday, April 10

12:00p.m. cst-Randolph-Kansas



70 ANGUS & 40 CHAROLAIS BULLS

50 of the Angus are 18-month-olds, including 25 heifer bulls!

Update: Females have sold, thank you for your interest!

Bulls: ✓ Complete BSE by 13 months
✓ 3-year-bull-guarantee, feet, semen
✓ No feet trimming ✓ No clipping/grooming
✓ Athletic, not fat
✓ No reserve price ✓ Free Delivery on Bulls
✓ Marketing assistance

Galen Fink: 785.532.9936
finkbeefgenetics.com
Gene Barrett: 785.224.8509
barrettcattle.com

Sell At St. Marys

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

Buyers & sellers are welcome in the ring area with social distancing being practiced. You can watch the live auction at www.dvauction.com. If you need assistance with watching or bidding online contact DV Auction customer service at 402-316-5460. Thank you for your cooperation. If you would like approval to bid online from the safety of your home, please do the approval process on www.dvauction.com prior to Tuesday.

We sold 2044 cattle March 2, which included a very nice run of high quality home raised cattle. Steer and heifer calves sold steady to \$5.00 higher. Feeder steers and heifers were steady to \$3.00 lower. Cows and bulls sold steady to \$3.00 lower.

STEER & BULL CALVES

13 blk str	297 @ 200.00	32 blk/bwf str	656 @ 158.00
73 blk/bwf str	477 @ 200.00	9 blk str	661 @ 151.00
12 blk/red str	445 @ 196.00	4 blk/bwf str	611 @ 149.00
2 blk/bwf str	455 @ 194.00	18 blk str	644 @ 147.00
6 blk/bwf str	508 @ 191.50	16 blk/sim str	767 @ 136.25
3 blk/bwf str	328 @ 191.00	57 mix str	775 @ 134.10
2 blk str	443 @ 191.00	27 blk/bwf str	807 @ 134.10
2 wf str	478 @ 190.00	9 blk/red str	753 @ 133.00
2 blk str	475 @ 187.00	7 blk/bwf str	701 @ 132.50
3 blk str	425 @ 185.00	6 blk/bwf str	788 @ 132.00
4 blk str	481 @ 185.00	62 blk/bwf str	906 @ 131.10
5 mix str	487 @ 185.00	26 blk/bwf str	830 @ 131.00
17 blk bulls	443 @ 185.00	118 blk/bwf str	892 @ 130.75
3 wf/blk str	415 @ 181.00	29 blk/char str	865 @ 130.10
14 blk/bwf str	410 @ 180.00	62 blk/bwf str	896 @ 130.00
3 blk bulls	408 @ 180.00	7 blk/red str	809 @ 128.75
4 blk/char bulls	526 @ 167.50	72 mix str	830 @ 128.00
3 red/blk str	522 @ 177.00	122 mix str	880 @ 127.50
7 blk str	491 @ 175.00	40 mix str	870 @ 127.00
5 blk/bwf str	515 @ 175.00		
21 blk/bwf str	546 @ 175.00		

STOCKER & FEEDER STEERS

27 blk/bwf str	595 @ 176.50	2 blk hfrs	365 @ 171.00
91 blk/red str	590 @ 175.25	4 blk hfrs	285 @ 166.00
7 blk str	603 @ 175.00	9 blk/bwf hfrs	481 @ 159.00
5 blk str	582 @ 170.00	6 blk hfrs	407 @ 156.00
39 blk/bwf str	609 @ 167.50	12 blk hfrs	494 @ 156.00
4 blk/bwf str	616 @ 166.00	3 blk hfrs	542 @ 156.00
16 blk/char str	621 @ 166.00	2 blk hfrs	513 @ 155.00
8 blk/bwf str	647 @ 158.00	4 blk hfrs	514 @ 154.00
		5 blk hfrs	530 @ 154.00
		5 blk/wf hfrs	449 @ 152.00

STOCKER & FEEDER HEIFERS

9 blk/bwf hfrs	558 @ 147.00
16 mix hfrs	591 @ 146.50
8 blk hfrs	587 @ 145.50
6 blk hfrs	591 @ 143.50
31 blk/bwf hfrs	582 @ 141.50
30 blk/bwf hfrs	623 @ 141.25
22 blk hfrs	634 @ 140.25
7 blk hfrs	623 @ 136.50
48 blk/bwf hfrs	649 @ 134.50
4 blk/bwf hfrs	661 @ 131.50
12 blk hfrs	695 @ 127.50
8 blk/sim hfrs	688 @ 127.00
32 blk/bwf hfrs	754 @ 124.50
11 blk/bwf hfrs	768 @ 123.50
70 bwf/blk hfrs	825 @ 122.75
8 blk/red hfrs	684 @ 122.50
33 blk/red hfrs	785 @ 122.50
61 blk/char hfrs	793 @ 122.10
5 blk hfrs	742 @ 122.00
5 blk hfrs	801 @ 120.50
9 blk/bwf hfrs	789 @ 120.25
24 blk/bwf hfrs	906 @ 118.00
9 blk hfrs	1043 @ 104.00

COWS & HEIFERETTES

1 blk hfrt	1055 @ 91.00
1 blk hfrt	1065 @ 90.00
1 blk hfrt	1075 @ 85.00
1 blk hfrt	975 @ 80.00
4 blk/bwf hfrts	935 @ 70.00
1 wf hfrt	1130 @ 66.00
1 red cow	1445 @ 65.50
1 blk cow	1615 @ 64.00
1 blk cow	1350 @ 63.50
1 blk cow	1405 @ 63.00
1 blk cow	1805 @ 62.50
1 rn cow	1145 @ 62.00
1 blk cow	1260 @ 61.50
1 blk cow	1435 @ 60.00
1 bwf cow	1040 @ 59.00
1 blk cow	1355 @ 58.50
1 blk cow	1165 @ 58.00
1 char cow	1360 @ 57.50
1 wf cow	1690 @ 57.00
1 blk cow	1230 @ 56.50
1 blk cow	1245 @ 55.50
1 char cow	1655 @ 55.00
1 wf cow	1750 @ 54.50
1 blk cow	1200 @ 53.50
1 red cow	1185 @ 53.00
1 bwf cow	1260 @ 52.50
1 wf cow	1105 @ 52.00
1 sim cow	1080 @ 51.00

BRED COWS

2 blk cows	@ 1300.00
1 blk cow	@ 1125.00
3 blk/bwf cows	@ 975.00

CONSIGNMENTS FOR MARCH 9:

- 65 Hereford bulls & hfrs, 500-750 lbs.
- 40 blk str & hfrs, 500-650 lbs., weaned, vacc.
- 42 char sim str & hfrs, 750-900 lbs.
- 60 blk str & hfrs, 700-800 lbs.
- 94 blk red str, 750-850 lbs.
- 75 blk red hfrs, 750-775 lbs.
- 56 Hereford str, 700-750 lbs.
- 130 blk steers, 750-850 lbs.
- 64 Angus hfrs, 725-750 lbs., no implants replacement
- 65 Angus steers, 800-825 lbs.
- 65 Angus steers, 825-850 lbs., Stuewe Ranch
- 122 blk heifers, 800-825 lbs.
- 60 blk steers, 900-950 lbs.
- 61 blk x-bred str 925-950

CONSIGNMENTS FOR MARCH 16:

- 200 blk str & hfrs, 600-800 lbs.
- 275 blk steers, 650-850 lbs.

The cattle above are home raised, weaned, vaccinated, from Jerry and Mark McLaughlin

- 50 blk str & hfrs, 450-600 lbs., vaccinated
- 25 blk steers, 450-550 lbs.
- 60 blk str & hfrs, 500-600 lbs., vaccinated

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



Livestock Commission Company, Inc.

St. Marys, Ks.