

Mission critical! Contact USDA Farm Service Agency now to enroll in key safety net programs – don't let the March 16 deadline pass you by

By David Schemm, state executive director in Kansas, USDA Farm Service Agency
The clock is ticking... March 16 is THE LAST day to make what is likely one of the most important business decisions you will make for your farming operation this year. If you have not already visited your local Farm Service Agency (FSA) county office to make your

election for either the Agriculture Risk Coverage (ARC) or the Price Loss Coverage (PLC) program and to sign your annual enrollment contract, you should call and make your appointment now. Many of you are gearing up to head to the field for spring planting, but I cannot stress enough the importance of not letting this deadline get lost in the hectic day-to-day obli-

gations of farm life. If you fail to enroll for 2019 ARC or PLC, you will be ineligible to receive a payment for the 2019 crop year. ARC and PLC provide financial protections to farmers from substantial drops in crop prices or revenues and are vital economic safety nets for most American farms. These programs cover 20 commodities produced in the U.S.

FSA anticipates more than 1.7 million producers will enroll in ARC or PLC – that's a lot of producers to assist in a short period of time. As of Feb. 4, FSA records in Kansas show 21,553 farms out of an expected 99,797 farms – about 21% – have completed ARC or PLC enrollment for the 2019 crop year. Want to maximize your time visiting with FSA? In-

quire about deadlines and options for also enrolling in 2020 ARC or PLC. Our staff will help you make the most out of your visit or set you up with a future appointment to help check FSA programs off your lengthy "to do" list. If you're still unsure about the choice of ARC or PLC, we offer online decision tools to help you determine the best program

election for your farming operation. To access these tools, visit www.fsa.usda.gov/arc-plc. Call FSA today for an appointment. To locate your local FSA office, visit farmers.gov/service-center-locator. We look forward to serving you at your local county office.

Grass & Grain Weather Report Feb. 12, 2020

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																								
WEDNESDAY Rain & Snow Possible High: 43 Low: 23 THURSDAY Mostly Cloudy High: 38 Low: 18 FRIDAY Sunny High: 53 Low: 39 SATURDAY Partly Cloudy High: 55 Low: 47 SUNDAY Cloudy High: 51 Low: 41 MONDAY Partly Cloudy High: 46 Low: 38 TUESDAY Mostly Sunny High: 42 Low: 32	Today we will see mostly cloudy skies with a 35% chance of rain and snow, high temperature of 43°, humidity of 58%, East southeast wind 6 mph. Snow accumulation of less than one inch possible. The record high temperature for today is 72° set in 1962. Last Week's Almanac <table border="1"> <thead> <tr> <th>Date</th> <th>HI/LO</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr> <td>1/31</td> <td>48/25</td> <td>42/18</td> <td>0.00"</td> </tr> <tr> <td>2/1</td> <td>59/21</td> <td>42/18</td> <td>0.00"</td> </tr> <tr> <td>2/2</td> <td>70R/33</td> <td>42/18</td> <td>0.00"</td> </tr> <tr> <td>2/3</td> <td>37/33</td> <td>43/18</td> <td>0.00"</td> </tr> <tr> <td>2/4</td> <td>32/28</td> <td>43/19</td> <td>0.00"</td> </tr> <tr> <td>2/5</td> <td>30/20</td> <td>43/19</td> <td>0.00"</td> </tr> <tr> <td>2/6</td> <td>43/15</td> <td>43/19</td> <td>0.00"</td> </tr> </tbody> </table> Rainfall 0.00" Normal rainfall 0.24" Departure -0.24" Average temp 35.3° Average normal 30.5° Departure +4.8°	Date	HI/LO	Normals	Precip	1/31	48/25	42/18	0.00"	2/1	59/21	42/18	0.00"	2/2	70R/33	42/18	0.00"	2/3	37/33	43/18	0.00"	2/4	32/28	43/19	0.00"	2/5	30/20	43/19	0.00"	2/6	43/15	43/19	0.00"	Washington 44/29 Blue Rapids 40/19 Seneca 40/20 Clay Center 43/22 Mahattan 43/23 Wamego 42/23 Ogden 42/22 Junction City 43/24 Abilene 43/23 Council Grove 43/24								
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Local UV Index 0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure	Weather History Feb. 12, 1988 - A classic "Nor'easter" formed off the Carolina coast and intensified as it moved up the Atlantic coast, bringing heavy snow to the entire Northeast. Totals ranged up to 26 inches at Camden, N.Y., and Chester, Mass.	This Week's Sun & Moon Chart <table border="1"> <thead> <tr> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonset</th> </tr> </thead> <tbody> <tr> <td>Wednesday</td> <td>7:22 a.m.</td> <td>5:59 p.m.</td> <td>10:17 p.m.</td> <td>9:44 a.m.</td> </tr> <tr> <td>Thursday</td> <td>7:21 a.m.</td> <td>6:01 p.m.</td> <td>11:28 p.m.</td> <td>10:16 a.m.</td> </tr> <tr> <td>Friday</td> <td>7:19 a.m.</td> <td>6:02 p.m.</td> <td>Prev Day</td> <td>10:48 a.m.</td> </tr> <tr> <td>Saturday</td> <td>7:18 a.m.</td> <td>6:03 p.m.</td> <td>12:38 a.m.</td> <td>11:23 a.m.</td> </tr> <tr> <td>Sunday</td> <td>7:16 a.m.</td> <td>6:04 p.m.</td> <td>1:46 a.m.</td> <td>12:01 p.m.</td> </tr> <tr> <td>Monday</td> <td>7:16 a.m.</td> <td>6:05 p.m.</td> <td>2:52 a.m.</td> <td>12:44 p.m.</td> </tr> <tr> <td>Tuesday</td> <td>7:15 a.m.</td> <td>6:06 p.m.</td> <td>3:54 a.m.</td> <td>1:32 p.m.</td> </tr> </tbody> </table>	Day	Sunrise	Sunset	Moonrise	Moonset	Wednesday	7:22 a.m.	5:59 p.m.	10:17 p.m.	9:44 a.m.	Thursday	7:21 a.m.	6:01 p.m.	11:28 p.m.	10:16 a.m.	Friday	7:19 a.m.	6:02 p.m.	Prev Day	10:48 a.m.	Saturday	7:18 a.m.	6:03 p.m.	12:38 a.m.	11:23 a.m.	Sunday	7:16 a.m.	6:04 p.m.	1:46 a.m.	12:01 p.m.	Monday	7:16 a.m.	6:05 p.m.	2:52 a.m.	12:44 p.m.	Tuesday	7:15 a.m.	6:06 p.m.	3:54 a.m.	1:32 p.m.
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Tell them you saw it in Grass & Grain!

KJ TJ 745D Agent G84 ET was named the Reserve Polled Hereford Spring Bull calf at the National Western Stock Show in Denver. He was bred and owned by Jensen Bros, Courtland.

MANHATTAN COMM. CO. INC. CATTLE AUCTION EVERY FRIDAY

1-800-834-1029 **STARTING 10:00 A.M. ON WEIGH COWS**
Toll-Free FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.
OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE

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

For our sale held Friday, February 7th, grass condition cattle were mostly selling at steady prices. Heavy feeder weight cattle were selling on a lower trend especially on the cattle carrying extra flesh. Cull cows were selling steady to strong prices.

STEER CALVES — 500-550 LBS.	HEIFER CALVES — 500-550 LBS.	HEIFERS — 550-775 LBS.	BULLS — 1,475-2,115 LBS.
Basehor 7 blk 513@187.00	Wamego 5 blk 303@176.00	Wamego 84 blk 606@162.00	Frankfort 1 blk 1615@60.00
Onaga 5 blk 531@182.00	Morrill 6 blk 469@163.00	Onaga 13 blk 552@158.75	Centralia 1 Hols 1220@59.00
Morrill 5 blk 517@179.00	Onaga 4 blk 401@162.00	Basehor 21 blk 564@158.50	Centralia 1 Hols 1600@59.00
Pomona 5 blk 526@176.50	Wamego 5 blk 453@160.00	Sabetha 37 Ang 631@151.85	Manhattan 1 hols 1830@58.50
Wamego 5 blk 322@170.00	Alta Vista 6 blk 504@160.00	Wheaton 10 blk 611@151.00	Frankfort 1 blk 1300@56.50
Wamego 4 blk 368@169.00	Sabetha 4 Cross 490@159.00	Wamego 20 blk 582@151.00	Linn 1 blk 1135@53.50
Randolph 4 blk 520@169.00	Desoto 4 blk 498@156.00	St. George 12 blk 585@151.00	Frankfort 1 blk 1200@51.00
STEERS — 550-975 LBS.	Basehor 5 blk 506@154.00	Spring Hill 6 blk 578@150.00	Linn 1 blk 1235@48.50
Basehor 26 blk 574@184.00	Wheaton 5 blk 516@153.50	10 Rd Ang 610@144.00	Frankfort 1 blk 1245@47.00
Wamego 19 blk 565@172.00	Linn 25 blk 534@152.50	6 Rd Ang 589@144.75	Manhattan 1 blk 1255@46.50
Miltonvale 4 Cross 597@170.00	Meriden 4 blk 522@150.00	68 blk 655@144.00	Wamego 1 blk 1115@46.00
Sabetha 9 Rd Ang 629@165.00	Wamego 5 blk 530@146.00	7 blk 617@143.50	Frankfort 1 blk 1145@45.00
Dwight 11 blk 607@164.75	Easton 4 blk 540@144.00	12 blk 640@142.00	Alta Vista 1 blk 1900@77.00
Manhattan 5 blk 614@163.00	Newton 4 Cross 540@138.00	4 mix 611@137.00	Frankfort 1 Rd Ang 2070@74.00
Alma 21 blk 662@159.00	HEIFERS — 550-775 LBS.	22 blk 688@136.75	Clifton 1 Heref 1600@72.00
Wheaton 7 blk 651@158.50	Wamego 84 blk 606@162.00	14 blk 748@136.50	Burdick 1 Heref 2135@68.00
Manhattan 12 blk 662@158.00	Onaga 13 blk 552@158.75	10 blk 725@136.50	Westmoreland 1 blk 1370@60.50
Sabetha 20 Cross 724@157.00	Basehor 21 blk 564@158.50	17 blk 708@135.75	Centralia 1 Hols 1885@60.50
Manhattan 23 blk 722@155.75	Sabetha 37 Ang 631@151.85	7 blk 676@135.00	Manhattan 1 Hols 1560@60.00
Morrill 8 blk 643@155.50	Wheaton 10 blk 611@151.00	4 Cross 581@135.00	Wamego 1 blk 1480@62.50
Wamego 12 blk 747@154.00	Wamego 20 blk 582@151.00	Miltonvale 7 mix 672@132.50	
Wamego 38 blk 641@152.85	St. George 12 blk 585@151.00	Wamego 5 bwf 660@129.50	
Burns 6 blk 630@152.00	Spring Hill 6 blk 578@150.00	Atchinson 5 Cross 621@127.00	
Miltonvale 4 Cross 687@149.50	Sabetha 10 Rd Ang 610@144.75		
Wamego 7 blk 627@149.00	Linn 68 blk 655@144.00		
Wamego 29 blk 700@145.25	Pomona 7 blk 617@143.50		
Pomona 6 blk 679@143.50	Morrill 12 blk 640@142.00		
Dwight 39 blk 720@142.50	Alta Vista 4 blk 578@138.00		
Junction City 10 Cross 629@140.50	Miltonvale 4 mix 611@137.00		
Alma 54 blk 832@140.00	St. George 22 blk 688@136.75		
Wheaton 14 blk 798@139.75	Manhattan 14 blk 748@136.50		
Morrill 12 blk 782@138.50	Wamego 10 blk 725@136.50		
Burns 21 blk 774@138.25	Meriden 17 blk 708@135.75		
Burns 16 blk 774@138.25	Wamego 7 blk 676@135.00		
Wamego 18 blk 777@137.50	Linn 4 Cross 581@135.00		
Manhattan 4 blk 722@135.00	Miltonvale 7 mix 672@132.50		
Frankfort 41 Cross 818@134.25	Wamego 5 bwf 660@129.50		
Axtell 7 Heref 690@134.00	Atchinson 5 Cross 621@127.00		

SPECIAL STOCK COW AND BRED HEIFER SALE

WED., FEB. 19 • STARTING 11:00 AM
1st CALF HEIFER PAIRS

- 4 big fancy blk, bwf 1st calf hfrs w/ early Jan. calves by side.
- 15 blk, blk baldy cows, 3-5 yrs with Angus-sired calves by side, Blackleg & Inforce vacc.
- 7 blk cows, running ages, with Sept. thru Oct. calves by side, running back with Simm bull, calves not worked
- 10 gentle blk 1st calf OCV hfrs w/ Genex Fire Solution AI sired calves by side. Worked and all shots.
- 15 blk & bwf 1st calf OCV hfrs w/ 30 day Angus sired calves by side.

BRED COWS

- COMPLETE HERD DISPERSAL CONSISTING OF: 52 blk, bwf & Red, 2-5 yrs and older, bred to Mushrush Red Angus bulls to start calving Mar. 14
- 35 blk, blk baldy cows, 3-5 yrs, bred Angus to start calving Feb. 10
- 20 red, rwf (Herrf) cows, 3-5 yrs, bred Angus to start calving Feb. 10
- 12 blk cows, running ages, bred Simm bull for Feb. thru April calving
- 25 Big Blk cows, 6 years to older, bred Angus, due to start calving March 6
- 20 2 & 3 year old mostly black cows to calve April/May
- 43 big home raised blk, BWF with a few Maine Anjou cross cows, 5-8 yrs, bred Angus for Mar.-April calves.
- 20 blk & Red Angus cows, 4-7 yrs, bred to Angus bulls for Mar. & April calves.
- COMPLETE DISPERSAL OF FISCHER BROTHERS CONSISTING OF: 43 big blk cows (24 are 2nd calf, balance running age) bred to Cline Angus bulls for end of March calving.

BRED 1st CALF HEIFERS

- 91 Big Fancy pelvic measured Blk Gelv Angus cross 1st calf (OCV) hfrs, AI bred June 10 to LBW Hinkson Angus bull, cleaned up with LBW Hinkson Angus bulls June 21 thru Aug. 21

COMPLETE DISPERSAL OF DON MCLAUGHLIN ESTATE CONSISTING OF:

- 50 blk cows, 4 yrs & older, bred to Angus bulls for Mar. & April calves.
- 10 blk 1st calf hfrs bred to Angus bulls for Mar. & April calves.
- 5 blk Fall calving cows w/ calves by side.

GIVE US A CALL TO CONSIGN CATTLE FOR THIS SPECIAL SALE!

EARLY CONSIGNMENTS FOR FEB. 14

- 65 mostly blk, blk Baldy, few Red strs, long weaned, shots, grass condition, 575-625 lbs.
- 65 Reputation Angus strs & hfrs, long weaned, 2 rds shots, 700-800 lbs.
- 11 blk strs & hfrs, shots, long weaned, 550-650 lbs.
- 38 Angus, SimAngus strs, 3 rds shots, long weaned, 700-800 lbs.
- 150 home raised blk, bwf and Red strs & hfrs, 2 rds shots, 650-850 lbs.
- 42 blk Limo X strs, shots, long weaned, 650-800 lbs.
- 8 blk Limo X hfrs, shots, long weaned, 900-950 lbs.
- 102 mostly blk hfrs, 625-675 lbs.
- 54 mostly blk strs, 625-700 lbs.
- 73 blk & Red Angus hfrs, 550-650 lbs.
- 30 SimAngus strs, long weaned, shots, 700-800 lbs.

EARLY CONSIGNMENTS FOR FEB. 21

- 51 Choice black steers, 650-825 lbs.
- 12 Choice black heifers, 650-725 lbs.
- 103 blk & red Angus strs, long weaned, shots, 550-700 lbs.

Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesday's starting at 11:00 AM
2020: February 19 • March 18 • April 15 • May 6

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

FIELD REPRESENTATIVES

JOHN CLINE ONAGA 785-889-4775 Cell: 785-532-8381	BRETT MILLER ALMA 785-765-3467 Cell: 785-587-7824	MERVIN SEXTON MANHATTAN Cell: 785-770-2622	TOM TAUL MANHATTAN 785-537-0036 Cell: 785-556-1422	BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456
SAM GRIFFIN BURNS 620-726-5877 Cell: 620-382-7502	ALAN HUBBARD OLSBURG 785-468-3552 Cell: 785-410-5011	BILL RAINE MAPLE HILL 785-256-4439 Cell: 785-633-4610	JEFF BROOKS BEATTIE 785-353-2263 Cell: 785-562-6807	DAN COATES BALDWIN 785-418-4524
				ANDREW SYLVESTER WAMEGO 785-456-4352

Kansas Hay Market Report

Hay market trade is slow and prices remain steady. According to the U.S. Drought Monitor, abnormal dryness (D0) increased slightly to 24 pct, moderate drought (D1) decreased to 5 pct, and severe drought (D2) remained at 4 pct. 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.

Southwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow to moderate. Alfalfa: horse, premium small squares 240.00-250.00. Dairy 1.00-1.05/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow 160.00-170.00. Fair/Good grinding alfalfa, 110.00-125.00. Ground and delivered locally to feed lots and dairies, 150.00-160.00 with an instance at 165.00. Sudan: large rounds 55.00-65.00. Wheat straw: large rounds 40.00-50.00, large squares 65.00-75.00 delivered. The week of 1/26-2/01, 9,525T of grinding alfalfa and 2,266T of dairy alfalfa was reported bought/sold.

South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, alfalfa pellets, steady; movement slow to moderate. Alfalfa: horse, small squares 250.00-275.00. Dairy, 1.00-1.05/point RFV with an instance at 1.10/point RFV, Supreme

195.00-225.00, Premium 175.00-200.00, Good 165.00-175.00. Stock cow, 130.00-150.00. Fair/Good grinding alfalfa, 90.00-105.00. Ground and delivered locally to feedlots 135.00-145.00; Alfalfa pellets: Sun cured 15 pct protein 200.00-205.00, 17 pct protein 205.00-220.00, Dehydrated 17 pct 300.00-310.00. Grass Hay: Bluestem, good small squares 7.00-8.00/bale, large rounds 60.00-70.00, large squares 75.00-85.00. Brome, small squares 7.00-8.00/bale, large rounds 100.00-110.00, lesser quality 70.00-80.00. Sudan: large rounds 65.00-75.00. Oat hay, large rounds, 80.00-85.00. Teff: mid to large squares 140.00-160.00. Wheat Straw: small squares 5.50-6.50/bale, large squares 70.00-75.00, large rounds 55.00-65.00. The week of 1/26-2/01, 5,617T of grinding alfalfa and 867.25T of dairy alfalfa was reported bought/sold.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse or goat, 230.00-250.00. Dairy 1.00-1.05/point RFV. Stock cow 160.00-170.00. Fair/Good grinding alfalfa, 115.00-125.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 125.00-140.00, good, mid squares 110.00-130.00 with an instance at 140.00, large squares, 100.00-115.00 with an instance at 120.00, large rounds 60.00-70.00. Brome, good, small squares 125.00-150.00, mid to large squares 120.00-135.00, large rounds 90.00-100.00, lesser quality 75.00-85.00; Wheat Straw: mid and large squares 60.00-75.00, large rounds 55.00-65.00. The week of 1/26-2/01, 2,427T of grass hay was reported bought/sold.

Northwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: Horse or goat, 205.00-215.00. Dairy, Premium/Supreme 1.00-1.05/point RFV.

Stock cow, fair/good 150.00-160.00. Fair/good grinding alfalfa, 100.00-110.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00.

North Central-Northeast Kansas

Dairy alfalfa, grass hay, grinding alfalfa ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 9.50-10.50/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock Cow, 150.00-160.00. Fair/good, grinding alfalfa, 100.00-120.00. Ground and delivered 130.00-160.00. Grass hay: Bluestem, small squares 7.00-8.00/bale, mid to large squares 85.00-100.00, large rounds 75.00-85.00. Brome, small squares 7.50-8.50/bale, mid to large squares 115.00-150.00, large rounds 80.00-95.00; Sudan, large rounds 55.00-65.00. Wheat Straw: small squares 5.00-6.00/bale delivered, large squares 100.00-110.00 delivered, large rounds 60.00-70.00. The week of 1/26-2/01, 1,035T of grinding alfalfa and 400T of dairy alfalfa was reported bought/sold.

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

**CWF Certified Weed Free*

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

***TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage).*

Source: Kansas Department of Agriculture - Manhattan, Kansas, Kim Nettleton 785-564-6709. Posted to the Internet: www.ams.usda.gov/mnreports/DC_GR310.txt

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Harvest
List your service for free
Hire services in seconds
No invoicing
No waiting for payment

Hay
Sell & buy fast
Free to list & browse
Automatic payments
No waiting for checks

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Use code **GRASSGRAIN** for a discount. Also benefits Grass & Grain

Kansas college students can learn to fix tractors for free

(AP) - Students in Kansas can take free classes on how to fix tractors at two community colleges through a technology program partnership with John Deere.

Students can enroll in the free agricultural tech

program at Garden City and Fort Scott community colleges as long as they find a John Deere dealership to sponsor them.

The programs usually run at capacity, which means it is important for students to find a sponsor

as early as possible and to inform the college. Although official registration for the associate degree program begins in the spring, notifying the colleges about a sponsorship reserves a slot in the program, *The Hutchinson News* reported.

Students from Greensburg who are accepted into the program typically attend Garden City Community College, while Hutchinson students go to Fort Scott Community College. Meanwhile, students in northern Kansas usually travel to Nebraska. Students in the program are free to attend any participating college they wish, including schools in Arkansas, Illinois, New York, Oregon or Georgia.

"It is really a great program," said Ryan Unruh, corporate service manager at BTI. "Our success rate is pretty high."

The starting salary for

a technician job is \$50,000 to \$60,000 annually, with higher rates based on experience, Unruh said.

Attending a college close to where students plan to work helps them receive training on specific crop-related equipment. Both FSCC and GCCC focus on corn equipment training, but FSCC also trains students on bean equipment and GCCC offers training on wheat machinery. Overall, all students learn the basics of fixing any John Deere machine, from electronics to transmissions and engines.

Kent Aikin, a John Deere instructor at FSCC, said Kansas is in high demand for the field.

"If a person enjoys working on things and diagnosing problems, this is the right program for them," he said.

PrairieLand Partners in Hutchinson is currently sponsoring two Fort Scott students, and it has had graduates from GCCC.

"They've been a real asset," said Merlin Weber, service manager for PrairieLand Partners in Hutchinson. "They basically can hit the road running a lot easier than the other techs who haven't had (this program). They reach higher levels sooner. It's a benefit for them, a benefit for us, and a benefit for the customer."

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DAM: SFI MISS ME O MY B7
ASA # 3605270 • PB SM • 2/10/2019
API: 115.2 • TI: 65.1

SIRE: MR CCF 20-20
DAM: SFI MISS RAZZLE DAZZLE
ASA # 3605274 • PB SM • 2/6/2019
API: 122.7 • TI: 72.2

SIRE: CLRS DIVIDEND 405D
DAM: M4 MS FINALIST Z4SE
ASA # 3629384 • 3/4 SM 1/4 AN • 1/10/2019
API: 137.2 • TI: 75.5

SIRE: W/C EXECUTIVE ORDER 8543B
DAM: BROOKS BRILLIANCE A32
ASA # 3608600 • 5/8 SM 3/8 AN • 1/1/2019
API: 131.4 • TI: 79.4

SIRE: TJ MAIN EVENT 503B
DAM: SFI/GPAR MS LIL 'TWINKLE
ASA # 3638114 • 1/2 SM 1/2 AN • 2/26/2019
API: 125.0 • TI: 74.7

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Thursday, February 27th, 2020
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Auction At Noah's Event Venue - 1550 N Lindberg, Wichita, KS

Among many assets being listed for our February auction, Mid-Continent Energy Exchange, LLC is proud to announce that they have been authorized and hired to assist in converting the oil and gas assets of the Hummon Corporation into cash. This includes Operated Leases, Overrides, and Royalties in the following counties: Barton, Barber, Clark, Comanche, Edwards, Finney, Norton, Pratt, Seward, and Sumner Counties in Kansas, and Dundey, Hayes and Lincoln Counties in Nebraska.

Sarah Krehbiel - COO - 316-217-8820
and SarahKate@MCEEAuction.com
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USDA announces details of risk management programs for hemp producers

The U.S. Department of Agriculture (USDA) has announced the availability of two programs that protect hemp producers' crops from natural disasters. A pilot hemp insurance program through Multi-Peril Crop Insurance (MPCI) provides coverage against loss of yield because of insurable causes of loss for hemp grown for fiber, grain or Cannabidiol (CBD) oil and the Noninsured Crop Disaster Assistance Program (NAP) coverage protects against losses associated with lower yields, destroyed crops or prevented planting where no permanent federal crop insurance program is available. Producers may apply now, and the deadline to sign up for both programs is March 16, 2020.

"We are pleased to offer these coverages to hemp

producers. Hemp offers new economic opportunities for our farmers, and they are anxious for a way to protect their product in the event of a natural disaster," said Farm Production and Conservation Undersecretary Bill Northey.

Multi-Peril Crop Insurance Program

The MPCI pilot insurance is a new crop insurance option for hemp producers in select counties of 21 states for the 2020 crop year. The program is available for eligible producers in certain counties in Alabama, California, Colorado, Illinois, Indiana, Kansas, Kentucky, Maine, Michigan, Minnesota, Montana, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, Tennessee, Virginia and Wisconsin. Information on

eligible counties is accessible through the USDA Risk Management Agency's Actuarial Information Browser.

Among other requirements, to be eligible for the pilot program, a hemp producer must have at least one year of history producing the crop and have a contract for the sale of the insured hemp. In addition, the minimum acreage requirement is 5 acres for CBD and 20 acres for grain and fiber. Hemp will not qualify for replant payments or prevented plant payments under MPCI.

This pilot insurance coverage is available to hemp growers in addition to revenue protection for hemp offered under the Whole-Farm Revenue Protection plan of insurance. Also, beginning with the 2021 crop year, hemp will be insurable under the

Nursery crop insurance program and the Nursery Value Select pilot crop insurance program. Under both nursery programs, hemp will be insurable if grown in containers and in accordance with federal regulations, any applicable state or tribal laws and terms of the crop insurance policy.

Noninsured Crop Disaster Assistance Program

NAP provides coverage against loss for hemp grown for fiber, grain, seed or CBD for the 2020 crop year where no permanent federal crop insurance program is available.

NAP basic 50/55 coverage is available at 55 percent of the average market price for crop losses that exceed 50 percent of expected production. Buy-up coverage is available in some cases. The 2018 Farm Bill allows for buy-

up levels of NAP coverage from 50 to 65 percent of expected production in 5 percent increments, at 100 percent of the average market price. Premiums apply for buy-up coverage.

For all coverage levels, the NAP service fee is \$325 per crop or \$825 per producer per county, not to exceed \$1,950 for a producer with farming interests in multiple counties.

Eligibility Requirements

Under a regulation authorized by the 2018 Farm Bill and issued in October 2019, all growers must have a license to grow hemp and must comply with applicable state, tribal or federal regulations or operate under a state or university research pilot, as authorized by the 2014 Farm Bill.

Producers must report hemp acreage to FSA after planting to comply with

federal and state law enforcement. The Farm Bill defines hemp as containing 0.3 percent or less tetrahydrocannabinol (THC) on a dry-weight basis. Hemp having THC above the federal statutory compliance level of 0.3 percent is an uninsurable or ineligible cause of loss and will result in the hemp production being ineligible for production history purposes.

For more information on USDA risk management programs for hemp producers, visit //farmers.gov/hemp to read farmers.gov frequently asked questions. For more information on the U.S. Domestic Hemp Production Program, visit USDA's Agricultural Marketing Services' website to read AMS frequently asked questions.

Kansas Leopold Conservation Award seeks nominees

Do you know a Kansas farmer, rancher or forester who goes above and beyond in the care and management of natural resources? Nominate them for the 2020 Kansas Leopold Conservation Award.

Sand County Foundation presents the Leopold Conservation Award to private landowners in 20 states for extraordinary achievement in voluntary conservation. In Kansas, the \$10,000 award is presented annually by Sand County Foundation, Kansas Association of Conservation Districts, and the Ranchland Trust of Kansas.

Given in honor of renowned conservationist Aldo Leopold, the award recognizes those who inspire others with their dedication to land, water and wildlife habitat management on private, working land. In his influential 1949 book, *A Sand County Almanac*, Leopold called for an ethical relationship between people and the land they own and manage.

Nominations may be

Kansas cattle inventory up 1 percent in January

All cattle and calves in Kansas as of January 1, 2020 totaled 6.45 million head, up 1 percent from January 1, 2019, according to the USDA's National Agricultural Statistics Service.

All cows and heifers that had calved totaled 1.60 million head, down 5 percent from last year. Beef cows totaled 1.43 million head, down 6 percent from last year. Milk cows totaled 167,000 head, up 4 percent from January 1, 2019. All heifers 500 pounds and over totaled 1.96 million head, up 5 percent from last year. Steers weighing 500 pounds and over totaled 2.10 million head, up 2 percent from last year. Bulls weighing 500 pounds and over totaled 85,000 head, down 11 percent from last year. Calves under 500 pounds totaled 705,000 head, up 3 percent from January

submitted on behalf of a landowner, or landowners may nominate themselves. Applications are reviewed by an independent panel of agricultural and conservation leaders.

The application deadline date is June 1, 2020. Applications can be emailed to award@sandcountycountryfoundation.org. If mailed, applications must be postmarked by June 1, and mailed to:

KACD
c/o Dan Meyerhoff
414 Autumn Lane
Hays KS 67601

The application can be found at: www.sandcountycountryfoundation.org/ApplyLCA.

"The Leopold Conservation Award Program provides a valuable opportunity to recognize the outstanding accomplishments of Kansas agricultural landowners who are committed to strong conservation practices and effective stewardship," said Dan Meyerhoff, executive director of the Kansas Association of Conservation Districts (KACD).

"RTK is a proud supporter of the Leopold Con-

servation Award in Kansas. It is an honor to help recognize those conservationists who go above and beyond in the stewardship of our natural resources," said Cade Rensink, Chair of the Board of Ranchland Trust of Kansas.

"Conserving our state's rich and diverse natural resources is ingrained deeply in the culture of our multi-generational farms and ranches," said Kansas Agriculture Secretary Mike Beam. "The Leopold Conservation Award serves an important role of reminding the general public of how private land managers conserve and enhance these resources for future generations."

"Leopold Conservation Award recipients are at the forefront of a movement by America's farmers and ranchers to simultaneously achieve economic and environmental success," said Kevin McAleese, Sand County Foundation president and chief executive officer.

The award will be presented in November at the KACD Annual Convention from the previous year.

The 2019 calf crop totaled 1.45 million head, down 3 percent from 2018.

in Wichita.

The 2019 recipient of the award was Ted Alexander of Sun City. The first Kansas Leopold Conservation Award was presented in 2015 to Sproul Ranch of Sedan.

The Leopold Conservation Award Program in Kansas is made possible thanks to the generous support of Kansas Association of Conservation Districts, Ranchland Trust of Kansas, Sand County Foundation, Ducks Unlimited, Every, The Farm Credit Associations of Kansas, ITC Great Plains, Kansas Department of Agriculture's Division of Conservation, Kansas Department of Wildlife, Parks and Tourism, Kansas Forest Service, McDonald's, The Nature Conservancy in Kansas and USDA Natural Resources Conservation Service.

For more information on the award, visit www.leopoldconservationaward.org.



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ESTATE AUCTION

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Saffordville Community Building
Saffordville is located on Hwy. 50 about 7 mi. East of Strong City & about 10 mi. West of Emporia. There is a Saffordville sign along the Highway — exit Hwy. 50 & go South across the Railroad tracks to auction site.

- GUNS (sell first) • ORIG. ADVERTISING ITEMS • PETROLEUM ADVERTISING • CLOCKS • TRAPS • PELTS • PRINTS
- ASH TRAY • MAP: U S Map-1801-original • PEDAL CAR: Western Flyer
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AUCTION LOCATION: 208 S. Main, Eskridge Senior Center, ESKRIDGE, KANSAS 66423

2,112± Acres of Cropland, CRP, Pasture & Wildlife Habitat in 9 Tracts in WABAUNSEE COUNTY
SELLERS: JUSTIN & BARBARA HILL
(Tracts #1-4: 1,326.06± ac located just east of Eskridge, KS)
SELLER: RICHARD W. PORTER
(Tracts #5-9: 786.24± ac located within 3 miles of Harveyville, KS)

These properties offer you a great deal of diversity, with cropland, CRP, hay ground, pasture and excellent hunting and wildlife opportunities! We have seen some great white-tail bucks, turkey and other wildlife. Be sure to check out these properties and see how they can fit with your existing ag operation or as an investment property with plenty of recreational opportunities.

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SELL HOGS 1ST & 3RD WEDNESDAY OF EVERY MONTH
2/5/20 SALE RESULTS

COWS & HEIFERETTES	STEERS	HEIFERS
Marion, 1 blk 955@70.50	Wiseley, 5 blk 303@157.00	Lncnlvle, 7 blk1241@1200.00
Marion, 1 blk 1770@64.00	Herington, 8 blk 576@149.50	Burdick, 3 blk 7yr 3rd stage
Marion, 1 blk 1945@63.00	Herington, 3 mix 565@148.001180@1086.00
Burdick, 1 blk 1505@62.00	Wiseley, 3 blk 393@146.00	Lncnlvle, 6 blk 1280@1060.00
Ramona, 1 blk 1515@62.00	Herington, 14 blk 722@132.00	Herington, 2 rwf/bwf
Marion, 1 blk 2210@61.00	Herington, 2 rwf/bwf 725@130.001080@1050.00
Marion, 1 blk 1750@60.00	Woodbine, 41 blk 960@124.50	Lncnlvle, 7 blk SS 3rd stage
Ramona, 1 blk 1250@58.50	BRED COWS1215@820.00
White City, 2 Hols 1627@50.75	Lncnlvle, 9 blk 6 yr 3rd stage	HEIFERS
1172@1260.00	Wiseley, 9 blk 373@152.00
	Lncnlvle, 11 blk 6 yr 3rd stage ...	Herington, 4 blk 453@142.50
1314@1240.00	Herington, 3 blk 565@130.00
	Lncnlvle, 5 blk 6 yr 3rd stage	Herington, 5 blk 652@127.25
1337@1230.00	Lncnlvle, 5 rwf 784@120.00
	Lncnlvle, 7 blk 6 yr 3rd stage	

EARLY CONSIGNMENTS FOR FEBRUARY 12
• 65 blk str, home raised, LTW, shots, 875-900 lbs. • 47 blk str & hfrs, home raised, LTW, shots, 650-750 lbs.

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RE: 17.9 sq. in. • \$W: +89 • \$B: +203



BJ Transformer 8111 (19444746)
Top 4% CED, top 2% growth and top 2% CW, +L2 Marbling are just the highlights for this outstanding young bull out of a super All In daughter.
CED: +14 • HP: +14.9 • MARB: +1.20
\$W: +87 • \$B: +192

19th Annual Spring Production Sale

Thursday, March 12, 2020 • 12:30 PM
4291 McDowell Creek Road • Manhattan, Kansas

SELLING APPROXIMATELY 140 LOTS, INCLUDING:
75 18-Month-Old Bulls 20 13- to 15-Month-Old Bulls
30 Fall Bred Heifers 12 Spring Pairs 2 Open Yearling Heifers

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RATES AND DISCOUNTS

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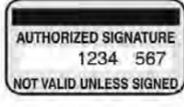
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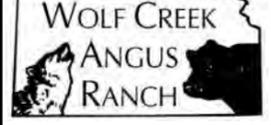
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9th Annual Production Sale Sat. March 14, 2020 Baldwin City, KS • 5:30 P.M.

- Reg. 2 yr old, 18 mo. and Yearling Angus Bulls
- SimAngus Bulls
- Reg. Females

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March 11th, 1:00 pm at the Ranch Headquarters 524 17th Rd • Haddam, KS

50 head of Yearling & 2-Year Old Angus and SimmAngus bulls

Angus Sires: Baldrige Captain C013 Connealy Comrade Baldrige Colonel C251 Baldrige Blackbelt B812

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Buy Value, Not Hype... Buy Flat Iron Genetics!

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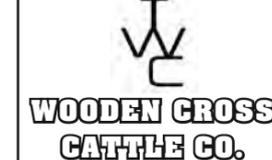
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HOFMAN N Simmental FARMS BUY YOUR WAY BULL SALE FEBRUARY 29 - MARCH 7 at the farm - selling: 65 Simmental & SimGenetic bulls Spring & Fall | Red & Black Rodney & Kim Hofmann Clay Center, Kansas 785.944.3674 www.honestbulls.com (see our display ad in this issue)

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TUESDAY MARCH 17 • 1 pm at the Ranch Cottonwood Falls, KS For Catalog & information: Frank: 620-340-2501 Trey: 620-794-3407 www.hinksonangus.com



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21st Annual Production Sale March 28, 2020, 12:00 p.m. At the farm 24181 187th Street, Leavenworth, KS

Selling:

- 45 Registered Angus Spring & Fall Yearling Bulls
- Registered Angus Spring & Fall Calving pairs
- Open Commercial Yrling. Heifers
- Fall Bred Commercial Heifers

Genomically enhanced EPD's tested BVD-P1 negative and passed a breeding soundness exam.

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KDA to host Regional Agribusiness Development Workshops in March

The Kansas Department of Agriculture will host four Regional Agribusiness Development Workshops in March 2020 to provide Kansas rural communities with resources and current business development and organizational contacts to assist with recruiting, retaining, and growing ag businesses in their communities.

Workshops will be held in the following locations:
Wednesday, March 4 — Colby Community College Student Union, Colby
Wednesday, March 11 — Municipal Building, Parsons
Wednesday, March 18 — Stockgrowers State Bank, Ashland
Wednesday, March 25 — Kansas Department of Agriculture building, Manhattan

“Economic development in Kansas is tied to agriculture, which makes up \$47 billion of the state’s economy,” said Kansas Secretary of Agriculture Mike Beam. “These workshops will help communities consider the unique needs associated with agricultural opportunities in Kansas which will create an environment that facilitates growth.” Beam added that expanding resources and education will make Kansas’ rural communities better prepared to serve as economic engines for rural Kansas.

Featured speakers at the events will represent the Kansas Department of Agriculture, Kansas Department of Commerce, and local economic development organizations. The workshops will run from 6:00 p.m. to 8:00 p.m., and will include a meal. There is no charge to attend, but registration is required to ensure sufficient food and materials. Find out more information and register at agriculture.ks.gov/BusinessDevelopment.

The KDA Division of Agriculture Marketing received a U.S. Department of Agriculture Rural Business Development Grant to help fund these statewide workshops. Established in the 2014 Farm Bill, USDA’s Rural Business Development Grant is a program intended to help with technical assistance, training and other activities to allow small businesses in rural areas to expand.

KDA is committed to providing an environment that enhances and encourages economic growth of the agriculture industry and the Kansas economy. These workshops will provide support and assistance to help make Kansas rural communities more successful.

For additional information about KDA’s agribusiness development workshops, contact Russell Plaschka at 785-564-7466 or at Russell.Plaschka.ks.gov.

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During the recent National Sorghum Producers annual D.C. Fly-In, NSP producer leaders awarded both House Agriculture Committee chairman

Collin Peterson (D-MN) and Rep. Roger Marshall (R-KS) with the Sorghum Congressional Award for 2019 — the organization's top honor presented to

individuals who work diligently for the sorghum producers they represent and for achievements in creating and implementing farm policy that bene-



NSP chairman Dan Atkisson of Stockton, left, and NSP board member Amy France of Marienthal, right, present the award to Rep. Marshall.

shall represents the first district of Kansas.

"I represent the largest sorghum producing district in the U.S. I know how important this crop is to my farmers and the role it plays in our nation's food, fuel, and fiber sources," said Marshall. "I have enjoyed working with the NSP and sorghum growers across my district on issues of trade, renewable fuels, and regulatory rollback."

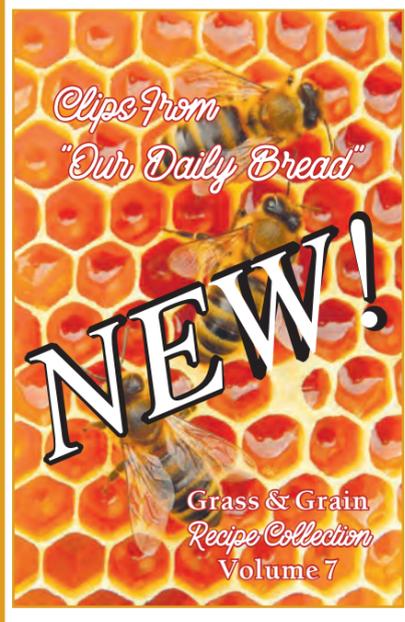
Marshall has advocated for sorghum producers through the Environmental Protection Agency's approval of a sorghum oil pathway, Renewable Fuels Standard policies, and working to find resolutions during the recent trade and tariff issues.

"Congressman Marshall represents a large number of our grower members in Kansas and has been a powerful advocate for the Kansas Big First," Atkisson said. "We appreciate his relentless efforts to be a champion for sorghum and the Kansas farmers he represents."

Past recipients of the sorghum congressional award can be found at SorghumGrowers.com/recognition.

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fits sorghum farmers.

The NSP board of directors recognized Peterson for his support and leadership crafting the 2018 Farm Bill that provided effective risk management tools, advances in conservation policy and



continued support for sorghum ethanol production.

"Chairman Peterson has been a true and devoted champion for U.S. agriculture," NSP Chairman Dan Atkisson, a sorghum producer from Stockton, said. "His leadership through the 2018 Farm Bill provided certainty producers needed during a trying time, and he has remained a steadfast voice of reason throughout his tenure on the House Agriculture Committee."

NSP also recognized Marshall for his representation of farmers in the U.S. Sorghum Belt. Mar-

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Mindful management – reimagining liver health in beef cattle

By Miranda Reiman
Undetectable diseases are hard to cure.

You can't look at a pen of feedyard cattle and know which ones have liver abscesses. Even technologies like ultrasound or blood tests don't uncover it.

"It's just impossible to detect that in a live animal," said Scott Laudert, who studied the condition for years in his long-term role as a ruminant nutritionist with Elanco. "It's a silent disease."

He presented, "Liver abscesses: New thinking on an old topic," at the Feeding Quality Forum, in Amarillo, Texas, in 2019. Laudert, now retired, discussed the challenge, management practices and areas of needed research.

"It's estimated that the annual liver and visceral loss to the packer is in excess of \$60 million," he said. The livers themselves are only worth a few dollars, so the main cost is trimming adjacent tissue and the time and labor that takes.

The Elanco Liver Check Program data from 2014 to 2018 shows that 18% of fed steers experience abscesses. That's higher on Holsteins, at 49%, with 29% severe.

"Minor abscesses don't affect the performance," Laudert said. "The liver is a very resilient organ in the body. Those small abscesses, it can just work right around them, regenerate itself where they might be taking up space and the cattle will perform

just normally."

Of cattle affected, perhaps a third of them will fall into the "severe" category, he said. The data say that's when feed intake typically drops 5%, with daily gains and carcass weight falling by up to 10%.

The animals themselves might not even feel the disease at work in their bodies.

A recent Colorado study showed no difference in eye temperature, hair cortisol levels or mobility scores as cattle with abscesses exited the chute, compared to those without.

Additional study is needed, but in this case, the research suggests "liver abscesses are not causing any welfare or well-being issues with cattle in the feedlot," he said.

Yet, it's a shared concern for both cattlemen and consumers as antibiotics are used to prevent and treat the problem today.

"This is not something we can take lightly," commented John Stika, president of Certified Angus Beef LLC. "As we are committed to making sure human and livestock health concerns are addressed simultaneously, this is a place we need to look to make improvements as an industry. But it's not as easy as turning off the switch. If tylosin is not available tomorrow, cattlemen don't have another option."

The beef community can't compromise animal care, so the balance lies

in finding new solutions, he said.

How, why and what to do

Grain-finished cattle often experience a build-up of lactic acid and volatile fatty acids (VFAs), lowering the rumen PH. The resulting acidosis keeps the good bacteria from growing while damaging cells in the rumen wall.

"Bacteria will begin to attack the inner portion of the rumen wall and gain access to the liver," Laudert said. Moreover, the rumen-wall abscesses open the blood stream to those bacteria, which the liver then must filter out.

Two main, virulent bacterial culprits flourish in the lactic-acid-filled environment. "So we know which two bacteria we need to deal with," he said. "We just need to figure out how to deal with them."

Since 1973, that primary source of control has come through the antibiotic tylosin, marketed as Tylan.

If it were taken off the market tomorrow, liver abscesses in feedyard cattle would undoubtedly increase, Laudert said.

Tylan is effective, but

as antibiotic-resistance concerns and conversations continue, its future is not assured, so research for different solutions is necessary.

"This is one of those problems we thought we'd solved, but in the era of antimicrobial resistance, it's probably time to resolve it," Stika said. "If you're only relying on tylosin today, I think you're on borrowed time."

Today, Elanco is working to keep herd health products available to cattle feeders, but looking to the future, half of its food animal research and development budget is allocated to finding alternatives to shared class antibiotics.

Other options may include everything from new products like "essential oils," to vaccinations and new feeding management strategies.

"Cattle are generally predisposed to development of abscesses very early in the feeding period," Laudert said. "If you're going to control liver abscesses, you need to start day one or just as soon as possible or the train will have left the sta-

tion and a lot of your efforts will be to no avail."

That could mean including tylosin in warmup rations, but tapering off and not feeding it the last few weeks before harvest, he said. Bunk management makes a difference, too: limit-feeding and slick-bunk management may contribute to the challenge.

"They need to be managed so they don't get too hungry, don't overeat and don't produce a lot of lactic acid in their rumen," Laudert said. "Anytime we have cattle that are backed up waiting for the feed truck to come along is another opportunity for acidosis to occur."

Different classes of cattle and springtime finishing may also factor in.

Cattle bred for higher feed intake and capacity to gain tend to see higher incidences, as do those harvested in March through May.

"I call that the spring feeding frenzy," he said, when daylight and temperatures increase. "We see this in wild animals. We see it in beef cattle. Pretty much any kind of animals increase their intake during the spring, and I believe that's causing the abscess differences. So if some sort of control measure can be applied, that would be the time to do it."

Laudert said there's work going on at universities and in industry that could unlock solutions to this longstanding challenge.

"If we can come up with an option that will reduce lactic acid production and enhance lactic acid utilization in the rumen, then we can control those bacteria," he said. "It's going to take some outside-the-box thinking among feedyard managers and nutritionists and veterinarians."

232.7 taxable acres in Marshall County, KS Sold in 2 Tracts

LAND AUCTION

THURSDAY, MARCH 12, 2020 • 10:00 AM
Auction Location: Landoll Lanes, 2005 Center Street MARYSVILLE, KANSAS

Legal Description: SE ¼ & S ½ NE ¼ of 14-2-7 less R/W, Marshall County KS.
Location: From Marysville on Hwy 36 go East to 12th Rd. or Oketo Road, go North 2 miles then West ¼ mile on Indian Road. Lays North of Indian Road.
Taxes: 2019: \$5435.12

TRACT 1
Approximately 6.5-acre home site which includes a half mile driveway. An easement to the drive way to access the cropland will be given to the buyer of the farmland. Modern-style home built in 1962, 1674 sq. ft. slab with one bedroom and two full baths, attached garage. Survey will be provided by seller. Rural Water, wood burning fireplace, electric heat. A new septic system is required for this property as per the Marshall County Sanitation Department. Septic system will be the responsibility of the buyer. *Unique modern home in a quiet secluded setting, great location, only 2 ½ miles from Marysville.*
OPEN HOUSE: February 22, 1-3 PM or make arrangements

TRACT 2
Approximately 226.2 acres farm ground. FSA has 192.21 DCP Cropland - Reported planted acres 2019: 180.03 acres.
Wheat base acres: 62.1; Grain Sorghum: 93.7; Soybeans: 25
Total Base Acres 180.8
PLC yield: Wheat 36-39, Grain Sorghum 72-73, Soybeans 42

TRACT 3: Combination of tracts 1 and 2.

Terms & Conditions: 10% down day of auction. Sale is not contingent upon financing. Closing on or before March 31, 2020. Possession of tract 2 cropland at closing or March 20, 2020. Whichever is the earliest date. Tract # 2 taxes: 2019 paid by seller - 2020 taxes paid by buyer. Possession of Tract #1 home site at closing. Tract #1 2019 taxes paid by Seller. 2020 taxes prorated to date of closing. Title insurance and closing cost will be split 50/50. Property selling as is, where is. Make all inspections and inquiries before auction. Seller or Auction Company is making no warranties, expressed or implied. **Joe Horigan Realty & Auction Co. is acting as an agent for the sellers and not as an agent for the buyer.** Not responsible for accidents. Statements made day of sale take precedence.

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Auction by: **JOE HORIGAN REALTY & AUCTION CO.**
Joe Horigan, Auctioneer: 785-250-5148
See pictures at: www.jhorigan.com

COIN AUCTION

SATURDAY, FEBRUARY 22, 2020 — 9:00 AM
LOCATION: 4-H Bldg., 710 W. Woodside — McPHERSON, KS
COIN AUCTION ONLY

300+ Lots (1000+ coins): Morgan & Peace Dollars; 78 Silver Eagle Proofs; Walking Liberty halves; Mercury Dimes; Silver Commemorative Coins; 100+ Mint & Proof Sets; 1871-S Half Dime. **Contact 620-897-7500 for Lot listing.**

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OSWALT AUCTION - Bill Oswalt: 620-897-7500
TRIPLE K AUCTION - Kevin Krehbiel: 785-386-0650

REAL ESTATE AUCTION

THURSDAY, MARCH 12, 2020 — 10:00 AM
Auction will be held in the Andersen Building 220 W. 5th — CONCORDIA, KANSAS

Tract 1: NW ¼ 17-6-4 Cloud Co. KS. 157.09 farmland acres w/122.65 acres crop, 34.44 acres grass.
Tract 2: SE ¼ SE ¼ 33-5-4 Cloud Co. KS. 38.05 farmland acres w/38.05 acres crop.
TRACT 3: W ½ W ½ 24-6-5 Cloud Co. KS. 154.42 farmland acres w/123.97 acres crop, 30.45 acres grass.
TRACT 4: NE ¼ 29-5-4 & South of railroad in SW 20-5-4 Cloud Co. KS. 175.53 farmland acres w/145.33 acres crop, 30.20 acres creek.
TRACT 5: NE ¼ 32-5-4 Cloud Co. KS. 158.33 farmland acres w/148.78 acres crop, 9.54 acres waste.
TRACT 6: W ½ NW ¼ 12-7-5 Cloud Co. KS. 83.70 farmland acres w/83.70 acres of grass.
TRACT 7: S ½ NW ¼ 18-5-4 Cloud Co. KS. 78.67 farmland acres w/76.23 acres crop.
TRACT 8: W ½ SE ¼ 30-5-4 Cloud Co. KS. 78.03 acres w/49.54 acres crop, 25.72 acres trees & grass. 5 room 1148 sq. ft. house w/2 BR, 1 BA, ½ basement (in need of work).
TRACT 9: N ½ NE ¼ NW ¼ 31-5-4 Cloud Co. KS. 20.21 farmland acres w/10.35 acres crop, 9.14 acres trees & grass.
TRACT 10: 8.9 ACRES in S ½ NE ¼ 31-5-3 Cloud Co. KS.
TRACT 11: .52 ACRES IN BLOCK 1 LOT 13 JAMESTOWN, KS. Thummel Real Estate & Auction LLC is acting as seller agent. **All statements made day of auction take precedence over printed material.**
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EQUIPMENT, TOOLS, MISC.
2 Commercial 126" Aluminum Bending Brakes (Mark I Series M1060 & Tapco Max-I-Mum II Model 1060); 2 Tapco Brake Buddy's; **Ladders:** 2 each: 40', 32', 24' Werner Aluminum Extension, 24' & 20' aluminum walk boards, Little Giant 10 to 16' aluminum expandable walk board, Werner 12' & (3) 8' 2 sided fiberglass ladders, expandable aluminum Gorilla ladder (all Ladders Commercial & Heavy Duty!); aluminum & metal ladder jacks; PiVit ladder level set; Aldek aluminum 2-section scaffolding; ladder

scaffolding jacks; Makita 10" Sliding Compound Saw; Rigid coil roofing & trim nail air guns; Euroclean HEPA GD930 canister vacuum; wheeled stack tank air compressor; Master 155K BTU heater; bench grinder, Craftsman table-saw; double 4" steel siding guillotine; 8" steel siding guillotine; DeWalt/Makita/Milwaukee/Rigid/Porter Cable power & cordless tools; (4) 8' pallet shelving; 2 aluminum side mount truck tool boxes; 2 aluminum rear mount tool boxes; 2 heavy duty shop made truck ladder racks; wood clamps; saw horses; hand tools of all sorts!; hardware/stain/paint; misc. lumber; electric jack-hammer; 2 cement mixers (one w/electric motor); Vintage horizontal Peerless Machine Power Hacksaw w/cast-iron base; NuArc lighted table; rolling computer presentation table; Labconco Fume Hood; misc. office furniture; apt. size refrigerator; **numerous items too many to mention!**

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Mediation program for Kansas farmers eyes transition – Buhler stepping down from KAMS after 32 years

A program that has its roots in helping Kansas farmers through the 1980s farm crisis and which has helped thousands of farmers since then is in transition. Forrest Buhler, the staff attorney for Kansas Agricultural Mediation

Services, has retired after 32 years of service to the state's farmers. Buhler's last official day was Jan. 31. He is being replaced by Erin Strathe, a recent graduate of K-State's College of Veterinary Medicine who also has earned

a law degree from the University of Kansas. "Our program began as the Farmers Assistance Counseling and Training Service (FACTS) in 1985," Buhler said. "It was intended to serve farmers who were experiencing difficulties during the 1980s farm crisis. FACTS provided financial, legal, employment training, and family needs for producers, lenders and rural communities needing assistance."

The Kansas Agricultural Mediation Services (KAMS) is part of a national program funded by Congress beginning in 1988 to use mediation as a tool to work with producers and lenders to resolve financial difficulties short of bankruptcy or foreclosure. "KAMS worked with FACTS using those resources to help parties

prepare for mediation with financial and legal options," Buhler said. "Preparation has been a big part of the success of KAMS." "Forrest and the KAMS team, and the groups we partner with, have built a really great program. I'm excited to be joining the team," said Strathe, whose first day on the job was Jan. 27. "I'm passionate about helping people, especially Kansas farmers and producers. I'm excited to continue the program's legacy of helping people in times of need and whenever our services may benefit them."

Strathe noted that KAMS works with financial analysts from the K-State Research and Extension Farm Analyst Program, Kansas Legal Services attorneys and mediators to better aid the Kansas agricultural community. Buhler said KAMS is designed to be a safe and confidential place for farmers and ranchers to

call to receive assistance and be proactive in addressing their needs. He said the program's staff serves as an unbiased party that can align people with resources to help them make a good decision. "Over the last three to four years, the farm economy has been very difficult, and our calls have increased," Buhler said. "Our requests for services from farm analysts have increased. Lenders want to work with producers. It helps if we can offer farmers some objective, neutral services to meet the needs of both lenders and producers."

Buhler said that a typical request involves several people, including creditors, bankers, producers and family members. Over 32 years, he has worked with "thousands of people" in helping to resolve challenges on Kansas' farms. "There is a real need out there for this type of

program," Buhler said. "People are making important decisions: 'Should I restructure my debt or am I in a spot where I need to liquidate? How can I transition the operation?' There are difficult decisions to be made because of the consistent and chronic nature of this poor cycle we have been in."

"Giving producers options and information to be able to make good business decisions for their families and everyone else based on objective information really is a good service at this point." Buhler noted that KAMS' success during his tenure is a result of the work by his office staff and numerous partners, including K-State Research and Extension and its agents across the state; and Kansas State University.

For more information on KAMS, call 1-800-321-FARM or visit ksre.ksu.edu/kams.

★ **DICKINSON COUNTY** ★

FARMLAND AUCTION

THURSDAY, MARCH 19, 2020 — 7:00 PM
Held at ABILENE CIVIC CENTER, 201 NW 2nd Street — ABILENE, KANSAS

Selling 152± Acres of Dickinson County Farmland

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Scott: 620.786.1369
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Flint Hills Discovery Center searching for local makers and artists

The Flint Hills Discovery Center (FHDC) would like to invite local artists and makers to participate in its fifth annual Meet the Makers series from March 9-13. Whether you are a painter, sculptor, tinker-

er or other type of artist or fabricator, the FHDC would love to give you the opportunity to show your work to the community!

Meet the Makers is a week dedicated to local artisans and crafters displaying their talents. Participants commit to a single day (10:00 a.m.-5:00 p.m.), must provide live demonstrations of their original work and interact informally with the public. Examples include painting, drawing, sculpture, ceramics, woodwork,

textile arts, printmaking, filmmaking, performance art, robotics and other creative mediums.

If you or a maker you know would be interested in being considered, please contact Curator of Education Stephen Bridenstine for more information on specific guidelines and requirements no later than Friday, February 14. Bridenstine can be reached by email at bridenstine@city-ofmnhk.com or by phone at 785-587-2726.

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Morgan Woodbury, Quenemo, left, received the Young Angus Producer Scholarship at the 2020 Kansas Angus Association Annual Meeting and Banquet, Jan. 25 in Hutchinson. Pictured presenting the award is Brandon New, Kansas Angus Association past president, right.

Photo by Anne Lampe

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MARCH 5th 2020
AT THE RANCH
Courtland, Kansas

Our cowherd is built around Superior Cow Families

We have selected for Longevity the basis of sustainability

All bulls Genomic Tested



2020 NWSS SPRING CHAMPION PEN OF BULLS

DVAuction
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LIVE & ONLINE GUN AUCTION

THURSDAY, FEBRUARY 13, 2020 — 6:00 PM
AUCTION LOCATION: Benton Community Bldg,
150 S. Main St. — BENTON, KANSAS
Private Individual Collection

30+ GUNS & AMMO * HAND GUNS * SHOTGUNS * RIFLES * ACCESSORIES

* RUGER * REMINGTON * BROWNING * SAVAGE * WINCHESTER * STEPHENS * ROCK RIVER ARMS * THOMPSON * HENRY * ANSCHUTZ * ROSSI * COLT & MORE!
Must be a Kansas Resident and have a Valid Kansas DL or ID

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G80
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Average Hereford EPD's 2020 Jensen Sale Bulls
BW 2.7 WW 62 YW 97 MM 29 M&G 60 REA .52 CHB 107



587G
ASA#3654594 - API 122
Owned by Brady Jensen



2019 NWSS RESERVE OVERALL GRAND CHAMPION PEN

Selling 80

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VIDEOS ONLINE AT WWW.JENSENBROS.NET

2-DAY AUCTION

Due to death we will sell, the following items at public auction at the Clay Center National Guard Armory located at 12th & Bridge Streets, Clay Center, Kansas

DAY 1: FRIDAY, FEBRUARY 21 — 9:00 AM

ANTIQU & HOUSEHOLD (Doors open at 7:30 am)
Antiques & Collectibles: Nice assortment of lightning rods, balls & weather vanes; 12 county plat books from Clay, Cloud, Dickinson, Jackson and other counties; nice 4 ft. wooden wagon; wash tub on stand; about 300 belt buckles, many Heston & others; pocket knives & lighters; pocket watch; autographed baseball; horseshoe display; bench top corn sheller; various smalls and novelty items; lots of crocks; lots glassware; Watt pitcher from Singular's; Hull vase; nice nativity set; possible toys; neat old pictures, several lone wolf, John Wayne, etc.; lots of yard sticks; books; machinery manuals; feed sacks; cloth items; nice quilt; many other items yet to be uncovered and discovered.

Household goods and Furniture: several nice modern china cabinets of various styles; crystal smoker; variety of other furniture; small safes; We are still in the discovery phase, lots of other items accumulated over the last 100 years.

DAY 2: SATURDAY, FEBRUARY 22 — 9:00 AM

LARGE TOY AUCTION! (Doors open at 7:30 am)
We will be selling over 850 toys. All toys all day. Many are farm toys. Many tractors of various makes and styles. Some nice precision pieces, and some unusual items. There are also many precision cars, many die cast truck banks, and many race cars. There are also a large number of racing pictures and memorabilia. Other toys include tractor trailer rigs, cast iron toys, airplanes, and more. Many of the toys are NIB. This is the third and last toy auction for this estate, and it is the largest.

TERMS: Cash or good check day of sale. Not responsible for accidents. **Lunch on Grounds.**

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

Go to kretzauctions.com or kansasauctions.net for many pictures, maps & other information.

DELMER KAHR'S ESTATE, SELLER

Auction conducted by: **Kretz Auction Service**
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Guest Auctioneer:
Randy Reynolds, Abilene, KS (785) 263-5627

Veterinary medicine researchers develop new method to improve food safety

Faculty members from the Kansas State University College of Veterinary Medicine have developed a faster, more efficient method of detecting Shiga toxin-producing E. coli, or STEC, in ground beef, which often causes recalls of ground beef and vegetables.

"The traditional gold standard STEC detection, which requires bacterial isolation and characterization, is not amenable to high-throughput settings and often requires a week to obtain a definitive result," said Jianfa Bai, section head of molecular research and development in the Kansas State Veterinary Diagnostic Laboratory.

The new method developed by Bai and colleagues requires only a day to obtain confirmatory results using a Kansas State University-patented method with the partition-based multichannel digital polymerase chain reaction system.

"We believe the new digital polymerase chain reaction detection method developed in this study will be widely used in food safety and inspection services for

the rapid detection and confirmation of STEC and other foodborne pathogens," said Jamie Henningson, director of the Kansas State Veterinary Diagnostic Laboratory.

When ingested through foods such as ground beef and vegetables, STEC can cause illnesses with symptoms including abdominal pain and diarrhea. Some illnesses caused by STEC may lead to kidney failure and can be life-threatening.

"Some E. coli strains do not produce Shiga toxins and thus do not affect human health as much," said Xuming Liu, research assistant professor. "Because cattle feces and ground beef can contain harmless or less pathogenic E. coli along with STEC, the most commonly used polymerase chain reaction cannot identify pathogenic E. coli strains in a complex sample matrix."

The new digital polymerase chain reaction test was developed for research and food safety inspections that require shorter turnaround and high throughput, without sacrificing detection accuracy.

"While the current, commonly used testing method is considered to be the gold standard, it is tedious and requires many days to obtain results that adequately differentiate the bacteria," said Gary Anderson, director of the International Animal Health and Food Safety Institute at the K-State Olathe campus.

The study "Single cell-based digital PCR detection and association of Shiga toxin-producing E. coli serogroups and major virulence genes," which describes the test design and results, was published in the *Journal of Clinical Microbiology*.

Funding for this study was provided by the Kansas State Veterinary Diagnostic Laboratory with no extramural funding used. The digital polymerase chain reaction technology for co-detection and association of multiple genes is covered by U.S. Patent No. 10,233,505 assigned to the Kansas State University Research Foundation with the principal investigators Bai, Liu and Anderson.

First milk important to successful birthing experience

By Wendie Powell, livestock production agent, Wildcat Extension District

Once the newborns are on the ground in any livestock operation, there is no better sight than watching them get up and begin to nurse their mamas.

However, difficult deliveries, inexperienced dams and babies born without vigor sometimes keep that connection from happening. It is at those times when a producer may have to intervene. The chief concern is getting the colostrum into the animal within the first few hours after it is born.

Colostrum is the first milk that the newborn gets from its mother that contains a lot of immunity to set it up for the first several months of life. As soon as the little one starts drinking, it has 12-24 hours to absorb the colostrum

for maximum effectiveness.

When to intervene will vary depending on the age of the dam and vigor of the freshly born baby. For a new mother, if the baby has not been observed nursing her newborn within one or two hours, a producer will likely need to get involved. For calves, the goal with assisting is to get at least one quart of colostrum into the calf. For sheep or goats, the goal with assisting is to get about 10 percent of their birthweight into them. After milking out the dam, offer it to the baby through a bottle. If it won't take a bottle, you'll need to use an esophageal tube feeder to deliver it to the stomach. If the dam is older and knows how to mother a newborn, this waiting period can be stretched.

On the topic of what to

supplement colostrum to the newborn with, it is best to use its mother's milk, rather than a commercial product. The immunity in the colostrum comes from the proteins in the dam's milk. Milk from beef cows is more nutrient-dense than that of dairy cows; and most commercial substitutes are made from dairy milk. If you do use a commercial product, try to get two quarts into newborn calves.

The quantity and quality of the colostrum produced by the dam has a direct correlation to the dam's body condition score. A female in good body condition will have the nutrition she needs to make the proteins to pass on the immunity to her baby.

Giving birth in a dry, clean environment is also important. The immuni-

ty is only as effective as the challenges we put it under. If the newborn is brought into the world in a mud lot and the dam's udder may be covered in mud; that will give the new baby a high pathogen challenge when it tries to nurse.

If supplementation is ultimately necessary, getting the milk delivered to the newborn at the correct temperature is critical. The goal is feeding it at a temperature of 100 degrees Fahrenheit, or close to internal temperature. It is best to warm up the milk in a hot water bath. If you microwave it, those valuable proteins will be destroyed.

Here are a few more tips:

- Maintain females in good body condition to maximize the quality and quantity of the colostrum

they produce

- Develop herd immunity by following a vaccination schedule
- Ensure dams have a dry location in which to give birth
- Have an intervention plan in place for colostrum supplementation

- Keep intervention equipment such as a bottle or esophageal tube feeder on hand

For more information, contact Wendie Powell, Livestock Production Agent, wendiepowell@ksu.edu or (620) 784-5337.

International Conference on Pig Survivability to be held in Omaha

Iowa State University, Kansas State University, and Purdue University are hosting the International Conference on Pig Survivability October 28-29, 2020, in Omaha, Nebraska.

The objective of the conference is to facilitate the discussion and dissemination of the most current information relative to sow, litter, weaned pig and grow-finish mortality. The conference will feature presentations and panel discussions from industry leaders and scientific experts. Producers, researchers, students, extension personnel, swine consultants, and representatives from allied industries are all invited to attend and take part in the overall industry effort to improve pig survivability.

Visit <http://www.piglivability.org/conference> for more details about the conference and the Improving Pig Survivability project.

REAL ESTATE AUCTION

103 acres m/l of Northern MORRIS COUNTY
Cropland and Hayland

SATURDAY, FEBRUARY 29, 2020 — 1:30 PM
Auction Location: The Dwight Community Center
DWIGHT, KANSAS

Property Location: From Dwight, KS, take Main Street west, under the railroad, to Reynoso Street, which turns into "C" Avenue. Take "C" Avenue west 4 miles to 1800 Road, then 1 mile north to "B" Avenue, then 1 1/4 miles west on the south side OR from the east edge of White City, KS, take 2100 Road 4 miles north to "B" Avenue, then 1 3/4 miles east.

Legal Description: The North Half of the Northeast Quarter and the North Half of the South Half of the Northeast Quarter, less a tract, all in Section 7, Township 14 South, Range 7 East of the 6th PM, Morris County, KS (Exact legal to appear on deed.)

This property consists of 103 acres, M/L, of which 54 1/2 acres are tilled, approx. 20 acres hayable brome grass including some small waterway areas and approx. 28.5 acres of mixed grass for hay. This property lays well with some low terraces. It is bordered on the east by 1900 Road and on the north by "B" Avenue. There is a rural water line running along the north side of this property. (No meter)

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

Terms & Possession: The Seller requires 10%, non-refundable earnest money day of sale with the balance to be due on or before April 1, 2020. Seller and Buyer to split the title insurance and closing costs. Sale is not contingent upon buyer obtaining financing. 2020 taxes to be prorated to date of closing. Statements made sale day take precedence over printed material. Sale subject to Seller's confirmation. Cline Realty and Auction, LLC represents the Seller's interests.

SELLERS: A.J. & ANDREA TIMM
Auction Conducted By: **CLINE REALTY & AUCTION, LLC**
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John E. Cline, Broker/Auctioneer, 785-532-8381
Website: www.clinerealtyandauction.com

ESTATE AUCTION

SATURDAY, FEBRUARY 22, 2020 — 9:00 AM
Auction Location: 627 Market Street — PORTIS, KANSAS

FURNITURE
ANTIQUES, PRIMITIVES COLLECTIBLES inc: Misc. wooden doors; waffle frame window; misc. glassware; fancywork; insulators; jars inc. Mason 1858, Economy, Drey, Atlas Good Luck, Queen, Atlas Easy Seal, Ball Idean 1908, Presto, Waneta; Crock Sanitary Fruit Jar funnel; brass washboard; bear banks; chicken, rabbit & dog candy containers; glass horse bookends; bridle rosettes; quilt pcs.; Enesco bells; cookie cutters; Coke adv. collectibles; powder horn; sleigh bells; metal suitcase; Scottie dog creamers; Cl dog & horses; hen on nests; Cl string-holder; Cl child's sad iron & match safe; date nails; Geisha Girl doll; milk bottles & carrier; egg basket; tin grain scoop; boxes; True Scale corn picker NIB (box rough); Fisher-Price toys; unusual bottles; 4 qt. Wards butter churn; shotgun & rifle parts & pieces; lots of Barbie dolls, NIB & accessories inc. Holiday, Special Ed, Limited Ed, Collectors Ed, Birthstone Collection, Barbie Hallmark Ornaments; wooden washer; architectural piece; old JD price list; Cl toys; Landers, Fry & Clark Veg. Scale; Lindy Flyer child's wagon; stenciled Chief Scout wooden child's wagon; flax knife; old story books (Raggedy Ann & Andy, The Hardy Boys, Uncle Wiggley, Thornton Burgess Books); Bull Durham Smoking Tobacco adv. piece; Collectors reference books; license plates; YoYos; Cl pot; postcards & stamps; windmill weight ball; marbles; charcoal picture (Herzberger); primitive doll stroller; Royal Purple yearbooks (40s 50s, 70); showtime magazine stand; sm. shrinkcase; sm. trunk; Nascar racing programs, tickets, & cars; glass rolling pin; kitchen primitives (old ice cream scoop, David Bradley egg scale, rolling pins, etc.); iron curtain rods; Arrowheads; misc. adv. pcs.; Cl matchboxes; 5 gal. Red Wing crock jug; Cl Joe; Merlin Elec. Wizard; sm. ring cabinet & SS rings; leather

golf bag; Wing Cigarette adv. picture; stamp books; blue Cl pot; old stock certificates; bridle bits & spur; brass Ford tire pump; Cl EC Simmons child's waffle iron; jointed Mule toy; Tru Scale & JD toy manure spreaders; gas gauges; JD pull type toy combine; Red RR lantern; Stanley folding ruler; optical glasses (1 MOP); cobbler's box & shoe last; lg. Old English Tobacco sign; National Biscuit lid; key wind toy motorcycle w/ side car; furniture pulls, etc.; JD Pedal Tractor; Bacce balls; misc. Cl toy parts & pieces; NRC Cash Register; glass hanging light; old deer mounts; elec. Norman Rockwell radio & prints; 1895 wagon yoke; Civil War books; Harper Co Atlas; KS. 1952 & 53 truck tags; 1979 Fred Krejci paintings; long horns; cowboy hats; Elvis collectibles; old lumber yard aprons; adv. pens & pencils; matchbook cover album; Paul Bunyan bows; York compound bow & Ben Pierson bows; brass car horn; brass hose nozzle; Fairbank platform beam scale; New Carnival; Graphophone; Lodge sword; cameras (Stebby Brownie, etc); Budweiser steins; old Kellowig wall telephone; brass blow torches; lg. fan; Stella & Gibson guitars w/cases; horse collar mirror; kero lamps; Harbor Freight & Campbells adv. toy trucks NIB; horse clock; Simco saddle; heavy tooled Ozark LEA-Co., Waco, TX saddle; saddle bag; Cl pot sleeve; 5 gal. Western #4 stoneware brown top jug; Gibson & Stella guitars; Yamaha UT snare drum w/stand.

GUNS: Marlin 1894 12 ga. shotgun; Remington mdl 760 30-06 Springfield; Winchester mdl 94 30-30 Lone Star commemorative; Model 70 Stevens 22L rifle; Winchester mdl 94 30-30 Roos. commemorative; Winchester 1892 25-20 WCF rifle; Eastfield mdl 916 12ga. 3" w/vent rib; Savage mdl 720 12ga. Henry Repeating Arms 22 cal.

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ADVANCE AUCTION NOTICE

DONALD D. JONES FAMILY LAND AUCTION
THURSDAY, MARCH 5, 2020 — 2:00 PM
Held at the farm near HARRIS, KANSAS
Directions: Go North of Harris on 31 Hwy. to 2200 Rd., turn East & go 1 mile.
160 ACRES M/L, SW1/4 33-19-18 ANDERSON COUNTY, KS
Approx. 42 acres tillable, balance grass.

Complete sale bill, terms, conditions & more information at:
www.kansasauctions.net/kurtz

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FIREARMS & COLLECTIBLES AUCTION

SATURDAY, FEBRUARY 29 — 9:00 AM
AUCTION LOCATION: Sterl Hall, 619 N. Rogers
ABILENE, KANSAS



FIREARMS (approx. 1 PM)
45+ Quality Firearms, Very Good to Good Condition including:

Winchester mod. 1894 in 38-55 cal.; IH M-1 Garand 30-06 battle rifle re-parkerized, M-1 .30 carbine, very good; 10 Win. .22 pump rifles, mod 1890s, 1906, in .22 S-L-L-F, WFR, round & hex barrel including 1890-S, 1890 S-L-LR, Europe single shot .22 custom built drop block; Savage mod 93R17 .17 HRM w/3X9 scope; Win mod 1890 .22 pump, W.R.F., oct barrel; Win mod 06 S-L-RL, round barrel; Win mod 1890 .22, oct barrel; JN Scotts DB London Stub twist barrel muzzle load shot gun; Rem 12 ga 870 mag, never fired Ducks Un., no box; Win mod 1890 .22-LR; Win mod 1890 .22-S, oct barrel; Win mod 1890 .22 WRF, oct barrel; Win mod 1890 .22-S, Oct barrel; Win 1890 .22-L pump, oct barrel, **SEE GUN LIST ON WEBSITE.**

FIREARMS MEMORABILIA (approx 9 AM)

1896 Ideal #5 powder dump; 1899 Ideal paper shotgun shell reloader; many wood ammo boxes, Peters, Federal, Remington, Winchester and others; approx. 30 handmade duck calls in case and approx. 200+ others (many one of a kind); many lg. hunting prints, 1912 lg DuPont print of ducks, lg. Winchester print, Ithaca prints; 1937 Hercules powder calendar; old powder horn w/brass; brass & leather powder flask; over 300+ collectible shotgun shell boxes, from the 1900s to present domestic and foreign many full, partial and empty (old and new); (must see pictures on internet to appreciate); 1939-1942 album of Hunting & Fishing mag.; 1930s Field and Stream; vintage Gun Digest (60-70); 1985 African Rifles & Cartridges book; Ducks Unlimited buttons & pins; 1927 Frontier Times monthly; 1952 Winchester-The gun that won the west by Harold F. Williamson; approx 100 .22 vintage boxes of ammo shells, Win-Rem-USC #2,8,4,12 ga. brass shells; approx 300+ shotgun shell boxes 1900s to present (cardboard); several James D. Nelson Prints, Custer 30/300, John Browning 5/50, McCormick Reaper 59/300; Charles Rogers Deer in clearing, Cowboy empty saddle, Bams & the pony; Browning Silaflex fly rod; **MANY COLLECTIBLE CARTRIDGES, WIN & BRASS SHOT SHELLS, ALL THE MAKERS, 100 OF VINTAGE CALIBERS.**

NAZI RAD CEREMONIAL DAGGER W/ SCABBARD & BELT LOOP



COLLECTIBLES (approx 11:00)

Dayton computing Scale Co. red scales; Singer featherlight sewing machine in case, excellent shape; approx. 30 beer steins, some by American Achievement; fishing reels Bait Casting, Penn, Pflueger, Shakespeare, Abu, Sweden Amb., Winchester new in box; 1945 Wonder Atlas & War Review book by Arthur Capper; brass mini mortar; canvas US water bucket; lg. carved wood Indian nut cracker; lg. 1815 girl & angel picture (good); several Logan prints; Copper Kettle in wrought iron stand; sm. wood keg w/brass bands & handle; set of 1976 Frankoma animal political mugs, red, 1 Carter-Mondale & others; Vaseline fruit bowl set; place settings of Sandwich Glass, serving pieces, 2 cookie jars; Ruby to clear tumbler, 2 toothpicks, 2 cups adv. Lincoln KS; 2 milk glass toothpicks, 1 Vaseline pitcher, milk glass mug adv. Lincoln, KS; 1987 American Sporting Adv. vol 1; Cargoes, Monopoly, cribbage, Domino db9 in wood box & other games; **CAST IRON:** 10+ trivets, Indian bookends, some adv. ash trays, Wagner griddle, #4 Griswold skillet and other Wagner cook-ware; 16" iron Scottie Dog door stop; iron bull dog, cat & others.

COLLECTIBLE FURNITURE
5'x4' oak china cabinet; 2 cabinets 12 drawers ea. for cartridge display; lg. metal shipping trunk; lg. & sm. cedar chests; lg. medical glass cabinet.

SELLER: NORMAN BIRD
Mr. Bird was an avid collector & dealer in vintage cardboard shell boxes, guns & cartridges. There are too many items and guns to list. AUCTIONEER'S NOTES: This is only a partial listing of the things that are to be liquidated. We will be running 2 rings part of the day.

Please see 140+ pictures & listing at: KansasAuctions.net/reynolds
TERMS & CONDITION: Cash or personal check with proper ID. All items must be paid for before removal. Statements made day of auction take precedence over printed material.
SPECIAL NOTICE: All FFL rules & regulations will be observed. After firearms are sold they will be transferred to Dave's Guns, LLC, 201 N. Buckeye Ave., Abilene, where background checks will be performed and firearms picked up. \$10 transfer fee on all firearms.

REYNOLDS AUCTION SERVICE
ABILENE & CLAY CENTER
GRIDDLE REYNOLDS; 785.263.5627
landmanrj@gmail.com
GUEST AUCTIONEER: Greg Kretz, 785-630-0701

Grass & Grain

785-539-7558

AUCTION

SATURDAY, FEBRUARY 15 — 10:00 AM
LOCATION: 200 E. JOHN ST — GALVA, KANSAS

Wood Shop Items: Duracraft drill press; Grizzly wood lathe; Rockwell 14" band saw; Delta router table; Dewalt chop saw on table; Milwaukee #1 grinder & other grinders; Craftsman belt sanders; Stanley hand planes; Milwaukee Sawzall; 10" table saw; Rockwell chop saw on stand; sm. elec. air compressor; Magna Force 6 1/2 hp. air compressor; Lincoln 225 amp welder; chainsaws; Porter Cable cordless drill; lg. sawdust vacuum; shop lights on stands; clamps & tool sharpener; misc. hardware & hand tools; levels; pedal grinder; wood chisels; ladders; log chains & boomers; misc. new lumber - Oak, Walnut, Cedar. **Pickup, Lawn, Garden & Misc.:** 1990 F150 XLT Lariat cab & half pickup; Daisy pump BB gun; Daisy BB/pellet gun; Red Ryder Daisy BB gun; Hustler Sport 42" Zero Turn mower, 18hp Kawasaki eng.; Craftsman GT 5000 lawn tractor 25hp Kohler eng. & frt. blade; Mantis tiller; Troy Bilt rearline horse tiller, 8hp Kohler eng.; Craftsman 2 whl lawn trailer; Cub Cadet rearline tiller.; shovels & garden tools; battery charger; live traps; combination safe 3' tall; 2 free standing wood stoves; diecast metal trucks; 8 gal. Redwing crock w/handles.

TERRY & KAREN FAY, Sellers
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REAL ESTATE AUCTION

2,574 ac. m/l of NE Geary & W. Wabaunsee County, KS Ranch Land

MONDAY, FEBRUARY 17, 1:30 PM

Auction Location:
The American Legion Hall,
114 McCall Rd., MANHATTAN, KS

TRACT 1: 9868 Hwy. 177, Alta Vista, KS consisting of 904.96 ac. m/l, Geary Co., 117.38 considered cropland acres. Balance consists of native grass pasture, some meadows, 2 creeks, wildlife habitat, large, vintage stone barn, farmstead with older 2 story, 1 bath home, machine shed and 3 car, unattached stone-wall garage.

TRACT 2: 281.61 ac., m/l, Geary Co., which has 38 cropland ac. planted to cool and full season grass for hay with balance being native grass pasture with some meadow. Pond and spring water.

TRACT 3: 402.42 ac., m/l, Geary Co., which has 14 ac. considered cropland, which is hay-land with balance in native grass pasture and meadows; some good wildlife areas.

TRACT 4: 230.72 ac., m/l, Geary Co., 77 ac. considered crop acres, which are either being tilled or used for hay. Balance is large, wooded area with creek, bluff & native pasture with wildlife habitat.

TRACT 5: 301.33 ac., m/l, Geary Co., consisting of native grass pasture with some wooded draws, pond water and older 2 story home (not inhabited for several years). Bordered on the west by Tract 3.

****TRACT 6: 2,122 acres, m/l. Combination of Tracts 1 thru 5.**
TRACT 7: 76.24 ac., m/l, Geary Co., consisting of 27.46 acres of tilled cropland with balance in meadow and a small, wooded draw. Good building site potential.

TRACT 8: 315.71 ac., m/l, Geary Co., consisting of 52 ac. of highly productive cropland with balance in native pasture, meadow, creek and timber with excellent wildlife habitat.

TRACT 9: 37.68 ac., m/l, Geary Co., consisting of 12 ac. of highly productive, bottom type land with balance in meadow, oak timber & creek.

TRACT 10: 22 1/2 ac., m/l, Wabaunsee Co., consisting of 16.24 ac. of upland cropland with balance in a wooded tree area & waterway.

Rare Opportunity to purchase a Picturesque Piece of the Flint Hills, close to Manhattan, KS. Parcels of this land have been in the Fechner family over 150 years. See website for Drone Footage.

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U.S. cattle report shows slight decrease in numbers

The U.S. cattle report shows all cattle and calves reported at 94.4 million head, slightly below the 94.8 million last year. The following is a breakdown of the report:

Cattle and calves, 94.4 million head slightly down.

Cows and heifers that have calved, 40.6 million down 1 percent.

Beef cows, 31.3 million down 1 percent.

Dairy cows, 9.33 million slightly down.

Heifers 500 pounds and over, 20.1 million slightly down.

Beef replacement heifers, 5.77 million down 2 percent.

Dairy replacement heifers, 4.63 million down 1 percent.

Other heifers, 9.70 million up 1 percent.

Steers 500 pounds and over, 16.6 million down 1 percent.

Bulls 500 pounds and over, 2.23 million down 1 percent.

Calves under 500 pounds, 14.7 million up 1 percent.

2019 calf crop, 36.0 million down 1 percent from 2018.

Cattle on small grains pasture in Kansas, Oklahoma and Texas, 1.6 million down 15 percent.

Cattle and calves on feed for the slaughter market in the United States

for all feedlots totaled 14.7 million head on January 1, 2020. The inventory is up 2 percent from the January 1, 2019, total of 14.4 million head. Cattle on feed in feedlots with capacity of 1,000 or more head accounted for 81.5 percent of the total cattle on feed on January 1, 2020, up slightly from the previous year. The combined total of calves under 500 pounds and other heifers and steers over 500 pounds (outside of feedlots) is 26.4 million head. This is slightly below January 2019.



Jensen Bros, Courtland, exhibited the Spring Champion Pen of Bulls at the historic 2020 National Western Stock Show in Denver, Colo.



Gordon Stucky, Kingman, left, received the Honorary Member Award at the 2020 Kansas Angus Association Annual Meeting and Banquet, Jan. 25 in Hutchinson. Also pictured are Carolyn Phelps, center, and Mike Molitor, honorary member committee chairman, right.

Photo by Anne Lampe

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COWS: \$62-\$73; \$48-\$61.75; \$47 & down.
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HEIFERS		10 bkbwf.....573@164.00	
7 blk.....	422@157.00	5 blk.....	631@155.50
6 blk.....	516@158.00	21 blk.....	677@151.25
3 Char.....	517@148.00	6 blk.....	613@148.00
5 blk.....	626@135.25	11 blk.....	689@145.50
8 blk.....	669@128.50	4 bwf.....	611@145.00
12 blk.....	708@131.00	7 blk.....	708@144.50
8 mix.....	750@125.50	19 blk.....	754@140.50
3 blk.....	790@122.00	4 bkbwf.....	729@136.00
STEERS		10 mix.....807@132.25	
10 bkbwf.....	389@195.00	60 mix.....	880@131.50
8 blk.....	479@166.00	5 mix.....	885@125.25
8 Char.....	528@165.00	56 bkbwf.....	902@133.25

EARLY CONSIGNMENTS FOR FEB. 12

- 41 mostly blk str & hfrs, long weaned, shots, 500-600 lbs.
- 170 blk hfrs, long time weaned, home raised, 650-800 lbs.
- 325 mix str, 800-900 lbs.

PLUS MORE BY SALE TIME

EARLY CONSIGNMENTS FOR FEB. 26

- 400 mix str, 800-900 lbs.

PLUS MORE BY SALE TIME



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Please join us this Wednesday, February 12th, 11 AM at JC Livestock Sales, Inc. for a Special Day for our Customers and Community.

We thank you all for 54 Years of same family-owned business and look forward to future years as well!

If you need assistance in marketing your cattle please call & we will be happy to discuss it with you.

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from February 4, 2020

STEERS		5 655 130.50	
1	410 182.00	14	695 130.00
7	479 172.00	30	686 126.50
12	655 143.00	10	748 124.50
21	753 138.25	12	845 122.50
29	818 137.50	4	1003 106.00
31	835 137.50		
9	842 134.75		
21	934 129.75		
11	982 118.00		
HEIFERS		6 383 166.00	
6	383 166.00		
5	507 146.00		
19	554 140.00		
15	558 138.50		

TOP BUTCHER COW:
\$67.50 @ 1,580 LBS.

TOP BUTCHER BULL:
\$76.50 @ 1,500 LBS.

BRED COWS:
\$1,085

CONSIGNMENTS FOR TUES., FEB. 18TH
50 Red Ang X Strs/Hfrs 500-700 lbs., WV



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Untouched native prairie draws visitors, preserves history

(AP) - A group of volunteers has transformed an expanse of untouched native prairie grass into a destination for those who want to walk across the tallgrass that greeted settlers.

The Mount Mitchell Prairie Guards hope to preserve, protect and promote this area a few miles south of Wamego and east of a bend in the Kansas River as one of the few

places left in the world to walk through untouched native prairie grass, *The Manhattan Mercury* reported.

"That's an experience you can't get anywhere else," said Michael Stubbs, a member of the volunteer group. "That, to me, is one of the best attractions - actually being in the tallgrass."

The property includes a hill that was considered sacred by the land's original inhabitants 1,500 years ago. It overlooks the homestead where Captain William Mitchell and his sister Agnes, abolitionists from Connecticut, sheltered freedom seekers as they hid from slave hunters during the state's bloody origins in the mid-19th century.

Mitchell's son gave the land to the Kansas Historical Society in 1953 with the condition that the site be turned into a public park. The local volunteers took on the project in 2006 after the Historical Society was unable to create the park.

In June, the Mount Mitchell guards purchased 125 additional acres of the original Mitchell Farm property and expanded the park to 165 acres.

In addition to adding walking trails and reservable prairie land to the park, Stubbs said the group hopes to build an interpretive center, with exhibits on the native flora and fauna, the Native American roots, the hill's role in the Underground Railroad and other bits of the area's history.

Stubbs hopes that the site is eligible to be listed on the National Register of Historic Places. The hill is already a National Park Service-authenticated

Network to Freedom Underground Railroad site and a stop along the National Stone Scenic Byway.

Schools, scouting groups, hikers, geologists and birders already trek out to the property, and the Mount Mitchell Prairie Guards work with docents at the Flint Hills Discovery Center to bring people interested in tallgrass out to the hill.

How the ranch can stay in the family

By Kasey Brown, Angus Beef Bulletin associate editor

"Ranching is like faith. We're sure of what we hope for, and certain of what we cannot see. It really doesn't matter where we came from. Where we're heading is what matters most," Donnell Brown told attendees of the 2019 Range Beef Cow Symposium Nov. 18-20 in Mitchell, Neb.

The fifth-generation rancher from Throckmorton, Texas, explained the grit and strategy his family has employed for generations (see www.rabrown-ranch.com/history). The key, he said, has been the ability to think outside the box.

Currently, he and his three siblings and their families manage the R.A. Brown Ranch, a feat made possible largely because his parents, Rob and Peggy Brown, started the estate planning process early. Brown explained that after high school, Rob and Peggy encouraged them to do whatever they wanted, but stipulated they had to pay for it from their own pockets.

If they wanted, they could come back to work on the ranch as an employee, or they could come back with a business plan and cash-flow statement to build the ranch to support another family. They had to grow the metaphorical pie to support more people. All four siblings did come back to the ranch in various capacities.

Donnell's parents started gifting the ranch undivided to the four children about 25 years ago. This gave the children majority ownership tax-free by the fall of 2012.

Rob had explained, "Your mother and I have lived our dream. While we still have good health, we want to watch you and our grandchildren pursue your dreams."

Rob was going to partition the ranch according to their kids' various interests, but Donnell's mother was adamant that the younger generation should decide on their own. So, the four "kids" met once per month off the farm to decide how to

split the ranch.

After months of meetings they decided to determine the value of the ranch and split it into four equal parts based on value, not acres, houses, pens or capital improvements, Donnell said. They did not hire an appraiser to officially value the property. Rather, the litmus test was if they numbered each part 1-2-3-4, then drew a number out of a hat for which part they'd inherit, they could each be happy with whatever part they received. While that was what they agreed to, in the end they didn't draw from a hat, but portioned it depending on their specific interests.

Making things work
Once the property was allocated, the question became what to do with the cattle and the horses.

Due to the extreme Texas drought of 2011-2013, they had already sold most of the commercial cows, keeping mostly registered cows with their increased value on a per-head basis. They leased a ranch in Montana for those cows because 70% of the home ranch didn't have water. The owner of that ranch sold it, and the Browns had 45 days to move the 300 cows.

Donnell Brown pointed out laws change and options available to his ancestors are not available now, and vice versa. "It's so important to find an expert on these things," he emphasized.

Considering this and their transition-planning strategy, the Browns decided to have a complete dispersal. Donnell and his wife, Kelli, had spent the last 20 years managing the seedstock herd. While his siblings love other parts of the ranch, seedstock is not their passion. So, if they split the seedstock herd, 75% of those papers would sit on the shelf.

Donnell and Kelli managed the work of the dispersal sale with the caveat that they could capture some embryos from the top cows of the family herd to keep the roots and genetics of that family business intact.

That dispersal helped keep the ranch in working

order, and the other enterprises are thriving. He and Kelli can rebuild with those embryos as their environment improves. Each sibling and their children have been able to choose their own specialty like farming, horses or wildlife.

Tips for success
Wrapping up, Donnell offered several tips that helped his family establish their estate plan.

Start early. Nobody likes to face their mortality, but it is a fact of life.

Instead of focusing where not to step, focus on where you want to go. You'll go a lot further faster.

Have you given your kids your blessing? He believes his dad has been so successful because he got his own traditionalist father's blessing to be progressive before he died.

Don't let your kids sit on the fence. Let them get their boots dirty doing things, even if they are things you like to do. Let them be involved in decision-making.

Get an expert who knows the laws and options available to you. Donnell pointed out laws change and options available to his ancestors are

not available now, and vice versa. "It's so important to find an expert on these things," he emphasized. "None of us with manure on our boots probably does enough research to get the right tool that we need today."

Nobody has to change, but you'll be competing with people who do.

The Range Beef Cow Symposium XXVI was hosted Nov. 18-20 at the Mitchell Events Center at the Scotts Bluff County Fairgrounds, Mitchell, Neb. Sponsored by the Cooperative Extension Service and animal science departments of the University of Wyoming, South Dakota State University, Colorado State University and the University of Nebraska, the biennial symposium offers an educational program geared toward ranching in the West.

Angus Media provides online coverage of the event at www.rangebeefcow.com, courtesy of sponsorship by Leachman Cattle of Colorado. Visit the site *Newsroom* for summaries of the sessions, proceedings and PowerPoint presentations provided by the speakers, and audio if available.

Holton Livestock Exchange, Inc.
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****STARTING TIME: 12:00 NOON****

MARKET REPORT FOR TUESDAY, FEBRUARY 4, 2020
RECEIPTS: 734 CATTLE
FOR FULL RESULTS, VISIT OUR WEBSITE:
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STEERS		HEIFERS	
6 blk str	382@185.00	3 blk hfrs	448@161.00
4 rnf bwf str	491@176.00	4 blk bwf hfrs	412@152.50
5 blk str	503@175.00	6 bwf rnf hfrs	485@147.00
6 blk bwf str	518@168.00	6 blk bwf hfrs	310@145.00
4 blk str	560@165.50	11 mix hfrs	577@143.25
8 mix str	537@164.00	11 blk bwf hfrs	704@136.00
20 bwf rnf str	594@154.00	8 blk hfrs	641@134.50
44 mix str	665@147.00	38 blk hfrs	718@133.50
15 blk str	677@146.50	8 blk gry hfrs	665@131.75
7 blk str	617@146.00	7 blk bwf hfrs	762@126.75
10 blk bwf str	730@143.75		
16 blk str	737@136.25		
15 blk str	853@126.75		

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On Thursday, February 6th we had 630 head of cattle on an active market.

STEERS		HEIFERS	
3 bwf	310@204.00	7 blk	549@158.25
12 bkbwf	402@201.50	7 bkbwf	772@137.25
2 blk	520@174.00	5 Bfmstr	783@136.00
7 blk	604@172.00	23 bkRd	842@134.75
5 blk	585@168.25	12 blk	897@132.50
21 bkRd	681@158.50	12 bkRd	949@129.75
7 blk	659@155.25	9 blk	641@134.50
9 Mix	695@151.00	15 bkbwf	390@179.50
3 blk	698@151.00	7 bkbwf	449@165.00
6 bkbwf	768@145.50	11 bkRd	526@161.50

Butcher Cows: \$35-\$71.50, mostly \$55-\$68, very active.
Butcher Bulls: \$60-\$91.00, light test.
Preg Cows: \$575-\$1,500. Pairs: \$1,075-\$1,250.

BUTCHER COWS		COWS	
1 blk	1360@71.50	1 Red	1250@70.00
1 Char	1575@70.00		
1 blk	1620@69.00	9 blk 3-4y.o. Sprng	clvr \$1500
1 blk	1500@68.50	11 blk 5y.o. Sprng	clvr \$1410
1 bwf	1450@68.00	6 blk 6-7y.o. Sprng	clvr \$1335
1 bwf	1150@67.00	10 bkbwf 5-6y.o. Sprng	clvr \$1225
1 blk	1415@67.00	8 blk 3-4y.o. Sprng	clvr \$1255
1 Char	1260@66.00	4 blk 5y.o. Sprng	clvr \$1175

BUTCHER BULLS	
1 Char	1625@91.00
1 L.H. X	1175@75.50

EARLY CONSIGNMENTS FOR FEBRUARY 13
• 60 mostly blk str & hfrs, 500-700 lbs, H.R., wnd., dbl vac.

We appreciate your business!

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Sat., Feb. 15th Hog/Sheep/Goat Sale
Tues., Feb. 18th Bred Cow/Pair Special
Sat., March 7th Horse & Tack Sale

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Market Report - Sale Date 2-6-20. 429 Head.

300-400 lb. heifers, \$171-\$195; heifers, \$155-\$175; 400-500 lb. steers, \$165-\$183; heifers, \$150-\$166.00; 500-600 lb. steers, \$155-\$177; heifers, \$130-\$152.50; 600-700 lb. steers, \$137-\$157; heifers, \$110-\$130; 700-800 lb. steers, \$125-\$140.25; heifers, \$110.50-\$126. **Trend on Calves: Steady. Trend on Feeder Cattle: Steady. Butcher Bulls: Avg. to high dressing bulls: \$84.00. Trend on Cows & Bulls: Steady on light test.**

HIGHLIGHTS:

17 bk	HEIFERS 445@166.00	25 blk	562@177.00
18 blk	532@150.50	24 mix	590@166.00
25 blk	551@152.50	44 blk	637@157.00
		8 blk	673@145.00
		15 blk	786@137.50
9 blk	STEERS 502@174.50		

FEBRUARY 13, 2020, SPECIAL STOCKER/FEDER SALE
Expecting 2,000-2,500

- 150 black steers & heifers, home raised, long weaned, shots, 700-800 lbs.
- 2 load mostly black steers, one ranch origin, 850-900 lbs.
- 1 load Charlois cross steers, one ranch origin, 900-950 lbs
- 170 mixed heifers, long weaned, 700-800 lbs.
- 40 Red Angus steers & heifers, home raised, long weaned w/shots, 500-700 lbs.
- 80 black steers & heifers, home raised, long weaned w/shots, 600-800 lbs.
- 2 loads mostly black steers, 900-950 lbs.
- 83 steers & heifers, home raised, long time weaned & shots, 500-700 lbs.
- 60 mix heifers, long time weaned, 550-700 lbs.
- 60 mx steers & heifers, home raised, long time weaned & shots, 800-900 lbs.

STAY TUNED FOR EARLY CONSIGNMENTS!
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THURSDAY, February 13, 2020
Special Feeder & Replacement Heifer Sale
S.T. 12:00 Noon Expecting 4200 hd

Listings:

100 rd Ang hfrs NI CRA B.V. gentle 600-700# Bart & Trisha Uhlir
300 blk & Ang hfrs NI B.V. breedable 525-650# Jim Lee Ranch
150 blk hfrs NI breedable Balius genetics 525-675# Bret & Velda Adams
190 blk, bwf hfrs grass kind one cut 525-550# Kime Cattle Co
210 blk hfrs NI Connealy genetics grass kind 500-600# Sunny Slope
90 ..Ang hfrs NI B.V. hayfed Balridge genetics. 475-575#.. Wayne & Rick Heath
200 blk hfrs NI 500-650# Lazy Trails Ranch
150 blk hfrs NI 550-650# Manning Cattle Co
100 blk, few rd hfrs NI Ang sired green 450-600# Hauder L & C
190 Ang (120s-70h) NI go back to grass look! 550-675# Virg Warnke
120 Ang (86s-34h) NI 600-725# Jarod Warnke
68 ..blk & Ang str NI 700-725# Coby Billings
100 blk str NI Ang sired 1 ld @ 675# grass kind 600-675# Pat Coffman
80 ..rd Ang str NI CRA Calvo/Ohlde 675-750# Resting Heart Cattle Co
130 blk, bwf, few rnf str NI 525-600# David & Matthew Bachelor
180 bwf (F-1), blk (15 rnf) str NI hayfed 450-550# Sell Bros
260 blk, bwf str & hfrs May & June born 375-500# Kime Cattle Co
70 ..Ang hfrs NI 600# LB Haase & Sons
196 blk (106s-90h) NI 550-625# Larry, Danny & Craig O'Kief
105 blk, bwf (75h-30s) NI Ang sired 525-650# Dustin Schmidt
170 blk, blk-x (110s-60h) 650-775# Francis & Mike Heath
90 ..blk & Ang NI Ang sired 750-900# Jim & Rocky Farley
70 ..blk str NI 775-800# Jim Heath
70 ..blk bwf str NI 550-600# Tinant Rn & M. Tinant
149 char-x, rd, few blk (95s-54h) NI 600-700# Rocking Arrow Rn
100 blk (70) & char-x (30) str NI 525-575# Moore Ranch
75 ..blk str NI 475-600# Arch & Mike Ferguson
125 blk, bwf (22 rnf-2 char) NI 550-675# Steven Fish
60 ..blk, blk-x hfr 475-550# Tara Bryant

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Slight uptick seen in Kansas sheep and goat numbers

All sheep and lamb inventory in Kansas on January 1, 2020 totaled 73,000 head, up 1,000 from last year, according to the USDA's National Agricultural Statistics Service.

Breeding sheep inventory totaled 49,000 head, up 2,000 from last year. Ewes one year and older totaled 40,000 head, up 3,000 from the previous year. Rams one year and older totaled 2,500 head, unchanged from last year. Total replacement lambs totaled 6,500 head, down 1,000 from last year.

Market sheep and lambs totaled 24,000 head, down

1,000 from last year. A total of 3,000 head were mature sheep (one year and older) while the remaining 21,000 were under one year. Market lamb weight groups were estimated as follows: 7,500 were under 65 pounds; 3,500 were 65-84 pounds. Weight groups, 85-105 pounds and over 105 pounds, were withheld to avoid disclosing data for individual operations.

The 2019 lamb crop totaled 47,000 head, up 3,000 from 2018. The 2019 lambing rate was 127 per 100 ewes one year and older, compared with 129 in 2018. Sheep deaths totaled 4,000 head, up 1,000 from last

year. Lamb deaths totaled 7,500 head, up 1,500 from last year. Sheep and lambs slaughtered on farm totaled 2,000 head, up 300 from last year. Shorn wool production during 2019 was 255,000 pounds, down 20,000 from 2018. Sheep and lambs shorn totaled 42,000 head, down 1,000 from 2018. Weight per fleece was 6.1 pounds, down 0.3 from last year. The average price paid for wool sold in 2019 was \$0.80 per pound, compared with \$0.95 in 2018. The total value of wool produced in Kansas was 204,000 dollars in 2019. All meat and other goat and kid inven-

tory in Kansas on January 1, 2020, totaled 43,000 head, down 1,000 from last year. Milk goat inventory totaled 4,200 head, up 200 from last year.

Kansas milk production up five percent

Milk production in Kansas during December 2019 totaled 332 million pounds, up 5 percent from December 2018, according to the USDA's National Agricultural Statistics Service. The average number of milk cows was 167,000 head, 6,000 head more than December 2018. Milk production per cow averaged 1,990 pounds.



Saturday, April 11, 2020
70 Angus and 40 Charolais Bulls
50 of the Angus will be 18-month-olds
Now! 30 Angus Females
 Bred heifers, young cows, past donors

Fink Bulls: Complete BSE approx. 12 months • No feet trimming
 No 'flooring', no sale • No clipping, grooming • Athletic, not fat
 3-year-guarantee, feet, semen • Free bull delivery • DNA-tested

12:00pm cst. Randolph, Kansas. Broadcast live at **DVAuction**

finkbeefgenetics.com
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 Gene: 785.224.8509

SOLIDIFYING the Legacy



43rd Annual Sale
 March 6, 2020 • 4 p.m. CST
 Stanley Stout Center • Manhattan, Kansas

SELLING 40 FEED-EFFICIENCY TESTED BULLS
 20 Angus, 10 Simmental/Simmental-Angus and 10 Hereford
 1 ELITE SIMMENTAL HEIFER
 15 FALL-BRED FEMALES • 21 COMMERCIAL HEIFERS
 3 AQHA RANCH PERFORMANCE HORSES



KSU Ashland 9162 • 19549332
This herd sire prospect combines phenotype and balance with a high growth and end product EPD profile. Ranks in the top 2% of the breed for CED, top 10% for CED, WW, YW, RE, SG and SB



KSU PARTNER 958 • 44015216
This functional, practical bull combines fleshing ability and soundness with calving ease and muscle. Ranks in the top 5% of the breed for CED, top 10% for MCE and REA, and top 15% SBMI.



KSU EASTWOOD 51G • 3594684
This stout, rugged bull combines muscle and performance with balance and eye appeal. Ranks in the top 1% of breed for REA and top 15% for WW and YW.

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 60 Yearling Heifers & 25 Bred Cows

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2-DAY AUCTION

SATURDAY, FEBRUARY 22 & SUNDAY, FEBRUARY 23, 2020
 10:00 AM BOTH DAYS

Auction will be held in Kenwood Hall at the Saline Co. Expo 900 Greeley in SALINA, KS

SATURDAY, FEBRUARY 22 TOYS & COLLECTIBLES
 US Army pedal airplane; 25" Buddy L & Keystone trucks inc.; tank truck; fire trucks; buss; bucket loader; Insurance Patrol; car w/skies & tracks; Lumar cattle semi; Wrigleys gum truck; Graf Zeppelin; Texaco gas semi; Barber Greene loader; Tonka fire trucks; Buddy Lee doll; cast iron Speaking Dog mechanical bank; several black toys; Coca Cola truck w/bottles; Hubley toys; IHC trucks; tin Santa; toy candle stick telephone; Old Jalopy car; Popeye windups; Charlie McCarty cars & other items; boy riding alligator; boats; tin cars; promo cars; tin gas station toys; erector sets; car haulers; US mail truck; Chain rabbit w/cart; cast iron cars, trucks, buses; Tootsie Toy cast iron trucks; Range Rider windup; tin motorcycles; Kiddie washer; metal friction cars; model cars; Texaco fire chief hat; Tonka cars, trucks, camper; Buddy L trucks; limited edition car engines; engine models; US Army trucks; Dick Tracy car; farm toys; windup animals; threshing machines; Airplane propeller; airplane models; airplane toys; Cox gas engine race cars; toy boat motors; Sea Wolf & other speed boats; Matco 36" stake wagon; 10 cent cowboy comics (Guns-moke; Tonto; Cheyenne; Range Rider; Jungle Jim; My Favorite Martian); Roy Rogers comic, mugs; toy guns; BB guns; airplane motors; riding Army jeep; rocking horse; graders; Sit N Ride gravel truck; **Majestic Junior stove**; cast iron pots; Great Western Duplex parlor stove; several small stoves; 1 cent wall match machine; 5 cent peanut machine; Art Deco lady; oak wall telephone; Roi Tan cigar 1939 Chevrolet; 5 gal Wacoda Water jug chip; tape measure collection; TWA cups; skies; spice tins; Gold Dust tin; assortment other tins; duck collection wooden, ceramic; pocket knife collection; pocket watches; mini anvil; DAV tags; valentines; milk bottles;

SUNDAY, FEBRUARY 23 RAILROAD & TRAINS
 Casey Jones train grill; large train clock; REA porcelain sign; UP porcelain sign; New York Central System sign; other railroad signs; brass train bell; railroad telephone; SantaFe bar light; railroad locks; railroad oil cans; Conductor cap; lanterns; flair pots; Lionel many new in box; Gilbert American Flyer; Great Western trains; Norfolk & Western train; Army train; Mickey Mouse train; Lighting Express riding train; street cars; Lionelville car dealership; AC Gilbert trestle set; railroad depots, buildings, crossing, signals, tunnels, bridges; hundreds of train cars and engines, many are new in box.

NOTE: Nelson has collected for many years. There are many unique trucks, toys, trains & collectibles; There are hundred's of items not listed. BOTH DAYS WILL BE LARGE. We will sell toys and collectibles on Saturday and trains and railroad items on Sunday. Check our web site for pictures at www.thummelauction.com

NELSON BROUGHER ESTATE
 Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC
 785-738-0067

Sell At St. Marys

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

Due to the weather forecast, we had a lighter run of 1021 cattle February 4. Steer and heifer calves were in good demand at steady prices. Feeder steers and heifers sold on a steady market. Cows and bulls sold steady to \$3.00 higher.

STEER & BULL CALVES

4 blk str	453 @ 189.00	7 blk str	904 @ 132.50
2 blk str	448 @ 184.00	60 mix str	917 @ 132.10
1 blk str	480 @ 183.00	120 mix str	933 @ 131.60
20 blk/bwf str	545 @ 173.00		
4 mix bulls	343 @ 167.00		
7 blk/char str	314 @ 165.00		
1 blk str	455 @ 160.00		

HEIFER CALVES

25 blk/bwf hfrs	512 @ 156.00
24 blk/bwf hfrs	512 @ 156.00
2 bwf hfrs	410 @ 152.00
6 blk/char hfrs	302 @ 145.00
5 blk hfrs	485 @ 145.00
1 blk hfr	340 @ 141.00
2 blk hfrs	380 @ 138.00
1 blk hfr	490 @ 138.00
1 char hfr	385 @ 137.00
1 blk hfr	405 @ 137.00
1 blk hfr	385 @ 136.00
5 blk hfrs	542 @ 126.00

STOCKER & FEEDER STEERS

5 blk str	586 @ 165.00
21 blk/red str	622 @ 160.00
6 blk str	620 @ 158.00
2 wf/sim str	575 @ 146.00
15 blk/bwf str	695 @ 143.50
8 blk/red str	721 @ 141.00
13 blk str	798 @ 140.50
60 blk/bwf str	883 @ 138.75
60 blk/char str	899 @ 136.00
62 blk/char str	876 @ 135.50
3 blk str	752 @ 135.00
55 mix str	795 @ 134.00
16 blk str	747 @ 132.50

STOCKER & FEEDER HEIFERS

23 blk/bwf hfrs	637 @ 139.00
80 blk hfrs	697 @ 135.00
13 blk hfrs	648 @ 134.50

2 blk/bwf hfrs	670 @ 133.00
2 blk/bwf hfrs	830 @ 133.00
13 blk/bwf hfrs	774 @ 132.00
2 blk/bwf hfrs	570 @ 131.00
7 blk/bwf hfrs	729 @ 130.00
15 blk hfrs	749 @ 130.00
18 blk/bwf hfrs	750 @ 129.75
6 blk/bwf hfrs	791 @ 129.75
22 blk/bwf hfrs	807 @ 129.75
6 blk hfrs	649 @ 127.50
3 blk/bwf hfrs	673 @ 127.50
45 blk/bwf hfrs	792 @ 127.50
2 blk hfrs	965 @ 103.00
2 blk hfrs	1045 @ 95.00

COWS & HEIFERETTES

1 blk hfrt	1120 @ 74.00
1 blk hfrt	1350 @ 74.00
1 red hfrt	1175 @ 69.00
1 blk cow	1620 @ 68.50
1 blk cow	1580 @ 67.00
1 blk cow	1480 @ 66.50
1 bwf cow	1300 @ 66.00
1 blk cow	1430 @ 65.50
1 blk cow	1770 @ 65.00

BREED COWS & HEIFERS

6 blk cows	@ 1250.00
5 blk cows	@ 1050.00
1 char cow	@ 1000.00
2 blk/bwf hfrs	@ 1000.00
1 blk hfr	@ 900.00

1 blk cow 1415 @ 64.00
1 char cow 1410 @ 63.50
1 bwf cow 1530 @ 62.50
1 blk cow 1190 @ 62.00
1 blk cow 1340 @ 60.50
1 blk cow 1395 @ 60.00
1 blk cow 1400 @ 59.50
1 bwf cow 1250 @ 59.00
1 blk cow 1395 @ 58.00
1 blk cow 1255 @ 57.50
1 char cow 1440 @ 56.00
1 bwf cow 1280 @ 55.00
1 blk cow 1105 @ 53.50
1 blk cow 1315 @ 49.50
1 blk cow 1075 @ 48.50
1 red cow 1060 @ 46.50
1 blk cow 1340 @ 45.00

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR FEBRUARY 11:

- 35 blk str & hfrs, 450-550 lbs., weaned, vacc.
- 80 blk str & hfrs, 550-650 lbs., weaned, vacc.
- 40 blk heifers, 600-650 lbs., weaned, vacc.
- 40 black heifers, 675-750 lbs.
- 80 black steers & heifers, 750-850 lbs.
- 130 black steers, 750-850 lbs.
- 130 SimAngus str, 775-825 lbs., Mill Brae genetics
- 63 Red Angus steers & heifers, 775-850 lbs.
- 105 SimAngus steers & heifers, 725-850 lbs.
- 62 black steers, 850-875 lbs.
- 100 black Charolais steers, 900-950 lbs.
- 61 black crossbred steers, 900-925 lbs.

1 blk bull 1420 @ 68.00
1 blk bull 1380 @ 66.00
1 blk bull 1580 @ 65.00
1 blk bull 1455 @ 64.50

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

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