

# SAVE Farm receives million-dollar grant in first round of USDA program

U.S. Sen. Jerry Moran, member and former chairman of the Senate Appropriations Subcommittee on Agriculture, issued the following statement regarding a \$1 million grant received by the Service-member Agricultural Vo-

cation Education (SAVE) Farm based in Manhattan as part of the United States Department of Agriculture's (USDA) first round of AgVets grant distribution:

"The work being done by Gary and his team at

SAVE offers an innovative solution to assist our nation's heroes in finding jobs after returning to civilian life, and to establish a new generation of agricultural producers and leaders. SAVE's transition assistance, training and behavioral health services will equip these veterans with the tools and resources they need to earn a living and contribute to the ag economy. In 2016, Gary testified about SAVE before my Agriculture Appropriations subcommittee, where we began a larger, ongoing conversation about the program and its extraordinary value. Today, I am pleased to see our efforts to draw USDA's attention to the capability of the program he built and designed are paying off."

**GRASS & GRAIN**

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### Grass & Grain Weather Report

Nov. 21, 2018

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook
<b>WEDNESDAY</b> Sunny High: 54 Low: 39  <b>THURSDAY</b> Partly Cloudy High: 56 Low: 41  <b>FRIDAY</b> Sunny High: 60 Low: 45  <b>SATURDAY</b> Cloudy High: 56 Low: 41  <b>SUNDAY</b> Sunny High: 54 Low: 39  <b>MONDAY</b> Partly Cloudy High: 52 Low: 41  <b>TUESDAY</b> Scattered Rain High: 49 Low: 34	Today we will see sunny skies, high of 54°, humidity of 60%, South wind 6 to 10 mph. The record high for today is 75° set in 2012. Expect clear skies tonight, overnight low of 39°. South wind 9 mph. The wind chill for tonight could reach 33°.	

Last Week's Almanac			
Date	H/L	Normals	Precip
11/9	31/4R	58/33	0.00"
11/10	38/17	58/32	0.00"
11/11	45/26	57/32	0.00"
11/12	29/19	57/32	0.00"
11/13	37/13	56/31	0.00"
11/14	46/19	56/31	0.00"
11/15	57/27	55/30	0.00"

This Week's Sun & Moon Chart					
Full	Day	Sunrise	Sunset	Moonrise	Moonset
11/23	Wednesday	7:16 a.m.	5:08 p.m.	4:35 p.m.	5:17 a.m.
	Thursday	7:17 a.m.	5:07 p.m.	5:12 p.m.	6:23 a.m.
	Friday	7:18 a.m.	5:07 p.m.	5:55 p.m.	7:31 a.m.
	Saturday	7:19 a.m.	5:06 p.m.	6:45 p.m.	8:39 a.m.
	Sunday	7:20 a.m.	5:06 p.m.	7:42 p.m.	9:45 a.m.
	Monday	7:21 a.m.	5:05 p.m.	8:46 p.m.	10:45 a.m.
	Tuesday	7:22 a.m.	5:05 p.m.	9:53 p.m.	11:38 a.m.

Local UV Index	Weather History	Growing Degree Days																				
	Nov. 21, 1985 - Hurricane Kate made landfall during the evening hours near Mexico Beach, Fla. Wind gusts to 100 mph were reported at Cape San Blas, Fla. It was the latest known hurricane to hit the United States so far north.	<table border="1"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr> <td>11/9</td> <td>0</td> <td>11/13</td> <td>0</td> </tr> <tr> <td>11/10</td> <td>0</td> <td>11/14</td> <td>0</td> </tr> <tr> <td>11/11</td> <td>0</td> <td>11/15</td> <td>0</td> </tr> <tr> <td>11/12</td> <td>0</td> <td></td> <td></td> </tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	11/9	0	11/13	0	11/10	0	11/14	0	11/11	0	11/15	0	11/12	0		
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11/11	0	11/15	0																			
11/12	0																					

# MANHATTAN

# COMM. CATTLE AUCTION CO. INC. EVERY FRIDAY

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We had a large run of cattle for our sale Friday, Nov. 16. Steer and heifer calves were selling on a lower trend with the unweaned fleshy cattle showing the most resistance. Stocker feeder steers and heifers were also on a weaker trend on the kind offered. Cull cows and bulls sold 2 to 3 lower.

**STEER CALVES — 475-550 LBS**

Wakarusa	9 blk	506@177.00
Easton	24 blk	510@173.00
Onaga	6 blk	503@171.00
Leawood	5 blk	534@170.50
Holton	7 blk	488@167.00
Dwight	6 blk	504@166.00
Mayetta	5 blk	497@166.00
St. George	11 blk	502@165.50

**STEERS — 550-850 LBS**

Spring Hill	24 blk	557@165.00
Council Grove	5 blk	553@163.00
Paola	11 blk	561@162.75
Cottonwood Falls	5 blk	557@162.00
Linn	7 blk	640@160.00
Sabetha	10 BWF	582@160.00
Soldier	8 Angus	555@160.00
St. George	16 blk	564@159.50
Easton	8 blk	586@157.50
Onaga	17 blk	573@157.50
Wamego	24 blk	629@155.00
Baldwin City	10 blk	620@154.00
Council Grove	7 BWF	621@153.50
Sabetha	27 cross	659@150.00
Blaine	16 blk	610@149.50
Onaga	42 blk	660@148.50
Clay Center	35 mix	631@148.25
Maple Hill	9 bwf	688@147.00
Alma	25 blk	658@146.50
	11	661@146.50

**HEIFERS — 325-550 LBS**

Westmoreland	5 blk	362@179.50
Leonardville	5 blk	337@177.00
Wakarusa	9 blk	378@169.00
Holton	7 blk	392@166.00
Easton	5 blk	419@162.00
Wamego	5 blk	424@156.00
Mayetta	5 blk	450@153.00
Manhattan	11 blk	458@149.99
Easton	16 blk	466@148.50
St. George	7 blk	462@144.50
Wakarusa	8 blk	482@142.00
Cottonwood Falls	5 blk	480@140.00
St. George	8 blk	508@139.00
Leawood	8 blk	511@139.00
Sabetha	8 cross	511@138.00
Easton	12 blk	529@137.50
Holton	6 blk	499@137.00
Wakarusa	6 blk	494@137.00
Soldier	5 blk	513@135.00
Manhattan	7 blk	527@133.00
Topeka	7 cross	505@131.00

**HEIFERS — 550-900 LBS**

Leonardville	12 blk	762@145.00
Linn	11 blk	649@144.50
Paola	16 blk	657@144.00

Clay Center	5 blk	672@141.50
Clay Center	9 blk	570@140.00
Paola	7 blk	570@140.00
Grantville	12 blk	552@139.50
Westmoreland	9 blk	627@139.00
Onaga	35 blk	568@138.50
Onaga	37 blk	640@137.50
Alma	21 blk	616@136.50
Mayetta	7 blk	550@136.00
White City	11 blk	634@135.50
Sabetha	22 cross	607@135.25
Maple Hill	8 BWF	661@135.00
Council Grove	8 BWF	676@134.00
Wamego	9 blk	583@133.00
Onaga	38 blk	632@132.50
Abilene	7 blk	895@130.75
Auburn	9 cross	735@130.00
Blaine	7 blk	623@129.50
Westmoreland	12 blk	653@129.50
Paola	5 cross	588@128.00
Frankfort	7 blk	773@125.00
White City	6 blk	752@125.00
Manhattan	5 blk	693@125.00
Manhattan	8 cross	761@119.00

**BABY CALF**

Blaine	1 blk	@585.00
Holton	2 blk	272@530.00
Goff	1 blk	@525.00
Holton	1 blk	285@500.00
Leawood	1 Cross	@500.00
Goff	1 blk	@450.00
Frankfort	1 blk	@370.00
Holton	1 blk	@335.00
Blaine	1 blk	@200.00
Palmer	2 blk	@160.00

**BULLS — 1,125-2,050 LBS**

Lost Springs	2 blk	1145@85.00
Lost Springs	2 blk	1627@73.00
Lost Springs	1 blk	2010@72.50
Frankfort	1 blk	2000@71.00
Hiawatha	1 blk	1135@71.00
Frankfort	1 blk	1920@70.00
Manhattan	1 blk	2045@68.00
Seneca	1 blk	1720@67.00
Manhattan	1 blk	1320@66.00
Holton	1 blk	1725@65.00
Ellsworth	1 blk	1560@65.00

**COWS & HEIFERETTES — 975-1,725 LBS**

Manhattan	1 blk	1175@127.00
Assaria	1 Cross	1040@125.00
Manhattan	1 blk	1150@125.00
Abilene	1 blk	1285@119.00
Wakefield	1 blk	1145@118.00
Wakefield	1 blk	980@114.00
Alma	1 blk	1045@93.00
Greenleaf	1 Char	1715@72.00
Goff	1 blk	1695@71.00
Goff	1 blk	1605@71.00
Mayetta	1 blk	1665@70.50
Blaine	1 blk	1655@69.50
Easton	1 blk	1705@69.50
Leonardville	1 blk	1650@67.00
St. George	1 blk	1370@64.50
Mayetta	1 blk	1575@62.00
Blaine	1	1505@61.00
Abilene	1 blk	1320@61.00
Corning	1 blk	1250@60.00
Meriden	1 blk	1480@60.00
Easton	1 blk	1520@58.50
Effingham	1 Cross	1335@58.50
Frankfort	1 blk	1355@57.00
Alma	1	1430@55.50
Greenleaf	1 blk	1560@55.00
Mayetta	1 blk	1545@55.00
Alma	1 blk	1450@54.00
Emporia	2 blk	1552@54.00
Greenleaf	1 blk	1420@53.50
Alma	1 blk	1190@51.00
Burlingame	1 blk	1410@49.00
Council Grove	1 blk	1400@48.50
Wamego	1 blk	1115@48.00
Effingham	1 Cross	1355@47.00
Alma	1 blk	1290@44.50
Westmoreland	1 blk	1145@44.00
Alma	1 blk	1220@42.00
Frankfort	1 blk	1295@38.00
Alma	1 blk	1280@36.50
Alma	1 blk	1335@35.00

For our special cow sale held Wednesday, Nov. 14, young bred cows and pairs were in very good demand. Older and lower quality cows sold accordingly

**BRED COWS**

Morrowville	13 Cross	3	5-7	@1725.00
Corning	8 blk	4	7-8	@1650.00
Americus	5 blk	4	5-6	@1585.00
Corning	9 blk	3-4	5-6	@1525.00
Americus	6 blk	3	5	@1425.00
Corning	7 blk	5	5-6	@1375.00
Corning	2 blk	6	7	@1260.00
Westmoreland	2 Cross	3	5	@1225.00
Americus	5 blk	7	5-6	@1225.00
Wamego	2 blk	5-6	5	@1210.00
Scranton	9 blk	2	5	@1200.00
Westmoreland	5 blk	2-3	6	@1200.00
Paola	2 blk	3-6	5	@1075.00
Westmoreland	7 Cross	5-6	3-4	@1075.00
Westmoreland	2 Cross			@1050.00
Americus	2 Cross	2	5-6	@1050.00
Corning	3 Cross	7-8	6-7	@1025.00
Westmoreland	4 blk	SS	8	@1010.00
Westmoreland	3 Cross	2-3	4	@885.00
Westmoreland	3 Cross	BM	8	@830.00

**1ST CALF HEIFER PAIRS**

Holton	6 blk	2	@2400.00
Bern	23 blk	2	@2300.00
Havensville	4 red Ang	2	@2200.00
Olsburg	7 blk	2	@2200.00
Holton	1 blk	2	@2000.00
Havensville	1 bwf	2	@1925.00
Topeka	12 blk	2	@1900.00
Holton	2 blk	2	@1850.00

**BRED 1ST CALF HEIFERS**

Randolph	3 blk	2	8	@1325.00
Dwight	8 Heref	2	4	@1300.00
Dwight	3 Heref	3	3-4	@1225.00
Scranton	12 blk	2	5	@1200.00
Manhattan	14 blk	2	8	@1150.00
Holton	13 blk	2	5-6	@1150.00

**COW/CALF PAIRS**

Olsburg	5 blk	3	@2300.00
Olsburg	7 blk	2	@2200.00
Frankfort	6 blk	4-5	@1925.00
Olsburg	8 blk	5-6	@1900.00
Frankfort	3 blk	5	@1900.00

**NO SALE NOVEMBER 23rd due to Thanksgiving. Please call if we can be of assistance in your cattle marketing needs!**

**EARLY CONSIGNMENTS FOR NOV. 30**

- 200 Choice reputation Blk, BWF, & Red Baldy str & hfrs, age & source verified, weaned 75 days, 2 complete rounds of Pfizer wean Vac program.
- 120 Choice rep Angus str & replacement quality hfrs, 2 rds shots/ sired by Lyons Angus bulls, 550-700 lbs
- 50 Choice reputation Red Angus str & replacement quality hfrs, 2 complete rd shots/ weaned July, 550-675 lbs
- 30 Choice rep Red Angus replacement quality hfrs (2 complete rd shots/ weaned July 500-625 lbs
- 60 Blk str & hfrs, 700-800 lbs
- 25 Angus str & hfrs, Spring shots/ weaned 45 days, 450-600 lbs
- 100 Choice Blk, BWF str & hfrs, shots/ weaned 30+ days, 450-600 lbs
- 19 Blk Str & Hfrs (weaned 2 weeks & shots) 600-650
- 25 Blk Hfrs (weaned 30 days/2 rds shots/hot wire broke) 500-600

**EARLY CONSIGNMENTS FOR Dec. 7**

- 14 blk Simm cross str & hfrs, weaned 45 days/ 2 complete rd shots/ Pour On, 500-550 lbs

**SPECIAL STOCK COW & BRED HEIFER SALE**

**WED., DEC. 12 • STARTING 11:00 AM**

**BRED 1st CALF HEIFERS:**

- 34 Fancy Angus Northern origin (OCV) hfrs, AI bred to Paygrade (CED +11) and Counterweight (CED +13) Angus bulls for Jan 24, 2019 calving. Cleaned up with Registered Blk Angus (Traveler & New Design genetic) bulls Blythe Objective & RHR Hero for Feb. 5 -Mar. 8 calving. Hfrs are up to date with vaccinations including 1st scorbos & Lepto booster 10/16/18/ electric fence broke/ ultra sound 7/3/18.
- 24 Blk Angus Simm cross 1st calf (OCV) hfrs bred to Mill Brae Update son & Mill Brae Final Answer son to start calving Feb 1 for 75 day calving period.

**Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesday's starting at 11:00 AM**  
2018: November 14 • December 12 • 2019: January 16 • February 20 • March 20 • April 10 • May 1

**VISIT US ON THE WEB FOR DAILY CONSIGNMENT UPDATES AT [WWW.MCCLIVESTOCK.COM](http://WWW.MCCLIVESTOCK.COM)**

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ONAGA	BURNS	ALMA	OLSBURG	MANHATTAN	MAPLE HILL	MANHATTAN	BEATTIE	LINN	BALDWIN
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Cell: 785-532-8381	Cell: 620-382-7502	Cell: 785-587-7824	Cell: 785-410-5011	Home: 785-537-7295	Cell: 785-633-4610	Cell: 785-556-1422	Cell: 785-562-6807	Cell: 785-447-0456	

# K-State Crops Team places third in Australian Universities Crops Competition

Four members of the Kansas State University Crops Team recently returned from a study trip to Australia where they competed in the Australian Universities Crops Competition. The event was hosted by the Australian Grain Growers organization and was held in Temora, New South Wales. The K-State team traveled with seven students from Iowa State University and two students from the University of Minnesota-Crookston who also participated in the competition. A team from Virginia Tech University also competed, along with other agricultural universities across southern and western Australia.



The K-State Collegiate Crops Team at the 2018 Australian Universities Crops Competition included, from left: Nathan Ryan, Kaylin Fink, Keren Duerksen and Trent Frye.

University from Wagga Wagga, Australia. Team members Duerksen, Fink, and Ryan were awarded a stipend from the American Society of Agronomy to cover part of their travel expenses as a result of previously placing in the top five in the U.S. Collegiate Crops Contests in Kansas City and Chicago in November, 2017. Additional sponsors of the K-State team were the Kansas Corn Growers Association, Kansas Grain Sorghum Commission, Syngenta, Landmark Implement, Polansky Seed, Norder Supply, and the K-State Department of Agronomy. The university's College of Agriculture also provided international travel scholarships to

the K-State students. The competition was held over two days at the Temora Agricultural Innovation Centre, managed by FarmLink. The contest included a seed identification section, three exams over production of selected Australian crops, commercial grading of wheat samples, a business management problem, field yield estimates, management recommendations, and a live crop, weed, and disease evaluation component. Before and after the competition, the group toured a large irrigated farm, two grain farms featuring mixed cropping systems, a sheep farm, a cherry orchard and processing facility, and a vineyard and

winery. They also toured the Rhizolysimeter Center at Charles Sturt University and a field station operated by AGT, the largest wheat breeding company in Australia. Learning about canola and Australian white wheat production, ryegrass herbicide resistance problems, and the use of pulse crops such as lupins and fava beans in crop rotations were highlights for the U.S. teams. The students also took the opportunity to learn more about Australia. The trip began with visits to popular sites in Sydney, followed by a trip to the Great Barrier Reef at Cairns. On the trip to Temora, the group visited the Blue Mountains west of Sydney. After the contest, they travelled to Melbourne and viewed the Twelve Apostles and other majestic rock formations along the southern coastline on the Great Ocean Road. Seeing koala bears in the wild at a park along the way was a highlight of the trip.



Kansans were part of a USDA-led trade mission to South Africa. Pictured from left are: Thad Geiger, Kansas Board of Agriculture and USLGE, Troy; Suzanne Ryan-Numrich, KDA, Manhattan; Monty and Jean Teeter, Dragon-Line, Ulysses; and Jacques Willemse, Dragon-Line, Musina, South Africa.

## KDA participates in USDA trade mission to South Africa

On October 29-November 2, the Kansas Department of Agriculture participated in a trade mission to South Africa led by U.S. Department of Agriculture Under Secretary for Trade and Foreign Agricultural Affairs Ted McKinney. The trade mission focused on expanding export opportunities for U.S. farmers, ranchers and agribusinesses by encouraging free, fair and reciprocal trade throughout the Southern Africa region. The team representing Kansas on the trade mission included: Thad Geiger, Kansas Board of Agriculture vice chair and U.S. Livestock Genetics Export (USLGE) consultant; Monty and Jean Teeter and Jacques Willemse, Dragon-Line; and Suzanne Ryan-Numrich, KDA international trade director. The team visited Cape Town, Johannesburg and Pretoria, South Africa, and had one-on-one meetings with potential customers from several Southern African countries: Angola, Botswana, Eswatini (formerly Swaziland), Lesotho, Madagascar, Mauritius, Mozambique, Namibia, South Africa, Zambia and Zimbabwe.

Africa looks to grow and improve their livestock industry," stated Geiger. "It has been said that 80 percent of trade occurs in established relationships. Great relationships lay the foundation for future trade opportunities. This was a beneficial mission in that regard." Historically, Southern Africa has been a reliable consumer of Kansas grains. In 2017, Kansas exported over \$15 million in cereal grains to the region with the top export being wheat. "In a time of trade uncertainty, we must look at other markets to diversify. Southern Africa is typically a net importer of agricultural goods and we are excited about the potential to grow our market share in the region," said Ryan-Numrich. "The region has a strong economy and a rapidly growing middle class which appreciates price-competitive, high-quality U.S. agricultural products." While reflecting on the trade mission upon his return, Teeter said "'Water scarcity' are words recognized by farmers around the world. We are so blessed to have the opportunity to provide a solution for desperate farmers who are trying to irrigate their crops with less and less available water and we are looking forward to being part of the water scarcity solution in Africa."

## REAL ESTATE & PERSONAL PROPERTY AUCTION

**WEDNESDAY, NOVEMBER 28, 2018 — 10:00 AM**  
**LOCATION: 15908 W. 1st Street — BURRTON, KANSAS 67020**

**80-ACRE FARM, OFFERED IN 2 PARCELS AND ALSO A COMBO.** 5 acres with all improvements, 70 acres hunting and pasture ground. *For more information go to the National Land Realty Website: [www.nationalland.com](http://www.nationalland.com)* **SELLS AT 12 NOON.**

**Farm & Livestock Equipment:** 1948 Dodge Grain Truck w/13' Bed; Ford 8N Tractor; New Holland 269 Hayliner Square Baler (twine); 7'x18' Tandem Axle Flatbed Trailer; Pickup Bed Trailer John Deere 16 hole Drill; 3pt Equipment-- King Kutter 5' Whirlcut Mower, King Kutter 6' Blade, King Kutter 6' Ripper Box Blade, 2 Bottom Plow, Bale Mover, Bale Spear, Fertilizer Spreader; Tractor and Implement Tires; Fenceline Feeders; Trailer Ramps; Small Field or Pasture Sprayer; Lawn Trailer; Fencing Supplies; Lots of Cattle Panels; Hay and Feed Bunks; Round Bale Feeders; Water Tanks; Wheel Weights; Mud Flaps; Old Car Engines and Transmissions; Sea Voyager 15'

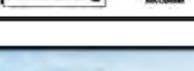
Canoe; Windmill Parts; Motor Bike (as is); Sucker Rods and Pipe; Iron and Metal Pile, plus more. **Shop Tools & Misc.:** Lincoln 225 AMP Welder; 150 Gal Fuel Tank w/Pump; 200 Amp Battery Charger; Electric Fencers; Hyd Jacks; Log Chains; Rollaway Tool Chest; Coleman 15 gal Air Compressor; Kolbart Torque Wrench; Cordless Tools; Socket Sets; Powr-Mate Air Impact; CH Wire Welder; Impact Sockets; Crescent and Open End Wrenches; Floor Jack and Stands; Stahl Chainsaw; Power Washer; Old Screw Jack; Cylinders and Center Links; Old Wooden Workbench and Cabinet; Foot Traps; *plus many more items not listed.*

**NOTE:** Auction for shop tools and smalls will be held inside a large building if needed. Nice clean farm auction that has a good selection to offer. Everything sells to the highest bidder with no reserves, including the real estate.

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# JAMISON HEREFORDS

FALL BREEDERS & RANCHERS  
**FEMALE SALE**  
**FRIDAY NOVEMBER 30, 2018**  
 Jamison Ranch Sale Center • Quinter, KS



**530 HERD BUILDER FEMALES**  
 100 Registered Line 1 Herefords  
 430 Commercial A.I. Bred Heifers  
 Herefords • Black Baldies • Red Baldies

**100 REGISTERED LINE 1 HEREFORDS**  
 • 50 Jamison Spring Bred Heifers  
 ...Replacement Heifers from one of America's Most Respected Cowherds ...A.I. bred, CL1 Domino 6163D & CL1 Domino 6187D!

**GUEST CONSIGNOR... COLEMAN HEREFORDS, WESTCLIFFE, CO**  
 • 50 Outstanding Spring Bred Heifers & Cows  
 ...Dgtrs. of HH Advance 3297A, HH Advance 0081X, HH Advance 1013Y



**430 COMMERCIAL BRED HEIFERS**  
 • A.I. bred, Calve Feb. 1 • Jamison Line 1 genetics  
 250 Herefords ...Al bred, Hereford Sensation 028X and Angus Connealy Comrade  
 160 F1 Blk Baldies ...Al bred, Connealy Comrade  
 20 F1 Red Baldies ...Al bred, Connealy Comrade

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## LAND AUCTION

We will be selling 288 Ac +/- of excellent river bottom tillable. BY SEALED BID ONLY. Deadline December 12, 2018 at 11am. Located on the Solomon River between Verdi & Niles, this farm has 2 miles of river frontage and over 1/4 mile of Coal Creek frontage.

***This is one of the nicest farms we've ever SOLD!***

**TRACT 1:** Approx. 48 AC +/- productive tillable. Immediate possession after milo harvest.

**TRACT 2:** Approx. 240 AC +/- consisting of 181 Ac +/- excellent river bottom tillable w/balance in timber/river/creek. Buyer to receive 40% of 2018 wheat crop and pay 40% expenses. (About 50 Ac +/- in wheat). Immediate possession in balance after milo harvest.

Both tracts are 1/4 mile off the Niles Blacktop on 245th Rd. (4 miles off I-70) with good access to markets.

**FOR COMPLETE FSA INFO, TAXES, SALE BILL & BID PACKET CALL OR VISIT OUR WEBSITE!**

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### UPCOMING AUCTIONS

**LONNIE WILSON'S CONSIGNMENT SALE**  
 601 S Broadway, Salina  
 Saturday, Nov 24, 10 am  
 Accepting consignments

**SELLERS EQUIPMENT**  
 400 N Chicago, Salina  
 Saturday Dec 1 10 am  
**PREVIEW FRIDAY**  
 NOV 30 3-6 PM

**CONSIGNMENT GUN AUCTION**  
**APPROX 250 GUNS**  
 411 E Walnut, Salina  
 (Was IOOF Bingo Hall)  
 Sunday, Dec 16, Noon  
 Accepting consignments

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**Wilson Realty & Auction Service**  
 Lonnie Wilson 785-826-7800  
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## www.GenKC.com

### LAND AUCTION

**400+/- Acres**  
**Saline County & Ottawa County, KS**  
**Live Auction, Tuesday, November 27, 7PM**  
 The Meeting Room at American AgCredit - Salina  
 925 W Magnolia Rd, Salina, KS 67401  
*The Dorothy M. Reed Trust, Seller*



**Parcel 1** 162.33 Acres M/L, at N. Shilo Rd & W. Shipton Rd, Saline County, KS.  
**Parcel 2** 237.69 Acres M/L, at N. 50th & Granite Rd, Ottawa County, KS.

Kevin Borger, Agent | Auctioneer 913.940.5494  
 Lenny Mullin, Broker | Auctioneer 913.915.0468



# Kansas Hay Market Report

Hay market trade activity is slow. Prices steady, demand light, on limited test. The alfalfa hay market remains sluggish. Everyone seems to have their current needs met or they are utilizing other feed stocks. There have been, however, a few inquiries from out of state horse and beef cattle owners. According to the U.S. Drought Monitor, conditions were unchanged during the past week. The abnormally dry (D0) category remains at 7 pct., and moderate drought (D1) remains at 1 pct. If you have hay for sale, and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

### Southwest Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 280.00-300.00. Alfalfa: Dairy 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow 190.00-200.00. Fair/Good grinding alfalfa, 165.00-175.00. Ground and delivered locally to feedlots and dairies, 195.00-205.00 with an instance at 230.00-235.00; Sudan: large rounds 65.00-75.00; Cornstalks: Large rounds 65.00-75.00 delivered; Wheat straw: large rounds 65.00-70.00. The week of 11/04-11/10, 7,880T of grinding alfalfa and 688T of dairy alfalfa were delivered. The average paid by feedlots on November 1 for alfalfa ground and delivered was 188.18, up 3.45 from last month, usage was 636T/day, down 1.0 pct, and total usage was 19,722.5T.

### South Central Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 280.00-300.00. Alfalfa: Dairy 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow 190.00-200.00. Fair/Good grinding alfalfa, 165.00-175.00. Ground and delivered locally to feedlots and dairies, 195.00-205.00 with an instance at 230.00-235.00; Sudan: large rounds 65.00-75.00; Cornstalks: Large rounds 65.00-75.00 delivered; Wheat straw: large rounds 65.00-70.00. The week of 11/04-11/10, 7,880T of grinding alfalfa and 688T of dairy alfalfa were delivered. The average paid by feedlots on November 1 for alfalfa ground and delivered was 188.18, up 3.45 from last month, usage was 636T/day, down 1.0 pct, and total usage was 19,722.5T.

## K-State vet urges livestock producers to be on the lookout for mycotoxins

A Kansas State University veterinarian is urging the state's producers to be especially diligent about monitoring for mycotoxins in livestock feed this winter on the heels of weather conditions that promoted their growth this fall.

Toxicologist Steve Ensley said Kansas' summer drought conditions led to a heightened risk of aflatoxin in the state's grain crop, while wet conditions during the 2018 harvest also made that grain susceptible to fumonisin.

"This year we have

already had some death losses associated with mycotoxins in pigs and horses and so we've measured just a very few samples of corn and found very high concentrations of fumonisin and aflatoxin," Ensley said. "I'm very concerned that it may be a bigger health issue statewide than the localized cases we've seen so far."

The fall weather patterns in Kansas were conducive to a buildup of mycotoxins in feedstuffs, particularly harvested grain and livestock feed, Ensley said. It simply

means that livestock producers should be on the lookout for feed that may contain unsafe concentrations of mycotoxins, or mold toxins.

"These molds are present in agricultural environments all the time, but when they get on the right substrate with the right temperature and humidity, then they grow and produce a toxin," Ensley said. "They can be there and not produce a toxin or be there and produce a toxin like we are seeing this year."

"They are not infecting the strong maternal and carcass traits of both the Hereford and Red Angus breeds. Hereford bulls were also accepted in the Integrity Beef Alliance program."

**Marketing and Communications**

The AHA's national ad campaign, "The Bald Faced Truth About Hereford Genetics," was delivered more than 3.9 million times across digital platforms via *Beef* magazine, CattleUSA, Drovers and DVAuction. Hereford Publications Inc. (HPI) created 22 ride-along catalogs and promotional inserts and 1,066 pages of ads to help members market their operations. AHA field staff reported 196 production sales with 7,060 bulls sold in total at an average of \$4,930 per head. Females averaged \$4,511.

*Hereford World* was honored with the James Flanagan Award for Most Improved Publication in the 2018 Livestock Publications Council Contest. AHA's website Hereford.

## AUCTION FOR THE MATTERS

**SATURDAY, DECEMBER 1, 2018 — 9:00 AM**

**Auction Location: 627 Market Street — PORTIS, KANSAS**

**VEHICLES** sell at 12:00 inc. Nice 2014 Ford F150 pickup w/34,700 mi, Club Cab; Nice 2005 Jeep Wrangler Trail Rated 4x4 w/27,306 mi.; 1931 Buick Series 90 4-dr. sedan 8 cyl. 345 cu. in. orig. cond., runs good w/new hoses & fluids. **GUNS** sell following Vehicles inc.: Marlin mdl. 81 22; JC Higgins 410ga. mdl. 1011; Savage Sporter 25/20; K29 8MM Mauser; Win. mdl. 94 30-30; Browning 22L rifle; Ithaca mdl. 37 20ga.; Rem. Nylon 76 Lever Action; Rem Apache 77; Western Arms 44; 12 3in. Cenn. V Arms J/U; Brass Benjamin Pistol BB Gun; Win. 22 mag. 275 w/ Scope; Savage 22; Ruger LCP 380 in Box; (2) Black Powder Cap & Ball Pistols; Prop Gun Black Powder w/Holster & Gun Belt; WWII Bayonet; Sword; **GUN SAFES:** Nice Stack On Total Defense Gun Safe; Centurion Gun Safe; & **LOTS OF AMMO!** **LOTS OF ANTIQUES, PRIMITIVES, COLLECTIBLES** inc.: Mindy Lindy Cars (NIB); Lotto, port. Domino, & Chess games, etc.; Walt Disney puzzles; Gotham Motorcycle Supply Magazine; 1955 Ft. Hays/Washburn BB program; 1907 Barbara Huff Ruby Cut to Clear pc. (Kirwin, KS); cameras; license plates; Cl bull; Revelle Toy Catepillar in orig. box; Simplex toy typewriter, org. box; 1959 Pontiac owners manual; Cl nut cracker; Harold Bell Wright, Thornton Burgess, Zane Grey books; cap guns; Queen Anne kero lamps; 1917 Dyke's auto manual; Military compass; The Story of Laura Ingalls Wilder; Doonesberrys "Greatest Hits"; Iron car rims; old metal Flip Top Mail Box; crock jugs; Candle-

wick; Franciscanware; Pyrex; Cut Glass lamp w/prisms; Brass lamp w/shade; 'B' branding iron; flatware; old Portis school pictures; old mantle clock; hat boxes; Mad (Alfred) picture & books; Cl Toy Truck; Irwin Toy Car; Hubley Motor Grader Toy; Wind Up Cat Toy; 1935 Polk's Great Falls Directory; K-State memorabilia; Benjamin Air Rifle manual; S&Ps inc. Aunt Jem. & Uncle Moses; 7up thermometers; Nelson Motor Co. adv therm. (Osborne, KS); Caterpillar adv. pamphlets; 1917 30 cal. rifle manual; 1935 Colt Firearms manual; 1915 "The Shadow Bottle" book; rolls of Wht., Mem, Nickels, etc.; book of dimes; quarter books; Buff Nickel book; dime book w/48 silver coins; Ken ½ \$ (silver & 40%); rolls lke; proof & mint sets; marbles; 1929 Ford Dealer & Service Field Magazine; Jewelry; Old Postcards; 1916 & 1951 Portis Dog Tags; 1929 Love Token (A.L. Caldwell); Belt Buckles; Football & Baseball cards; Arrowheads & Stone Hammers; Cattaugus hunting knife; Glass Candy Containers; Standard Oil adv. checker set (W.K. Freeborn Portis, KS); pocket watches; NICE AMMO COLLECTION FROM 22BB & CB to MODEL of 191637 MM GUN inc. 8 ga, 4ga, & SEER-AL BRASS 10 & 12 ga. Inc. 20 ga. PINFIRE; Daisy & Button Glass Anvil pc.; 1920 Thomas Co., farm picture; Kent cig. lighter; Records; Victory Glass washboard; Spartan table top radio/record player; lots of Chev. adv.; Miniature House Kits & Furniture; RCA radio; Coke screen door push; Hull & Roseville Pottery; **Much more! LOTS OF TOOLS! FURNITURE & HOUSEHOLD**

**Southeast Kansas**  
Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay, steady, movement slow. Alfalfa: horse or goat, 220.00-245.00. Dairy 1.00-1.05/point RFV. Stock cow 170.00-180.00. Fair/Good grinding alfalfa, 160.00-170.00. Ground and delivered, none reported; Grass hay: Bluestem, premium small squares 135.00-145.00. Good, mid squares 125.00-135.00, large squares 110.00-120.00, large rounds 100.00-110.00 with an instance at 120.00. Brome, good, small squares 145.00-155.00, mid squares 140.00-150.00, large squares 120.00-130.00, large rounds 125.00-135.00; Sudan: large rounds 80.00-90.00; Oat hay, mid squares 150.00-160.00; Wheat Straw: mid and large squares 75.00-100.00. Mulch: large rounds 50.00-60.00. The week of 11/04-11/10, 1,036T of grass hay was delivered.

**Northwest Kansas**  
Dairy alfalfa, grinding alfalfa and ground/delivered

Steady; movement slow. Alfalfa: Horse or goat, 220.00-245.00. Dairy 1.00-1.05/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa, 135.00-145.00. Ground and delivered locally to feedlots and dairies, 150.00-165.00; Alfalfa/oat mix, large rounds 100.00-120.00.

**North Central-Northeast Kansas**  
Dairy alfalfa, grass hay, grinding alfalfa and ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 9.00-10.00/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-200.00, Premium 170.00-195.00, Good 160.00-170.00. Stock Cow, none reported. Fair/Good, grinding alfalfa, 145.00-155.00. Ground and delivered 170.00-180.00. Grass hay: Bluestem, small squares 7.50/bale, large squares 110.00-120.00, large rounds 100.00-110.00. Brome, small squares 8.50/bale, mid to large squares 135.00-145.00, large rounds 110.00-120.00; Sudan: large rounds 80.00-90.00; Wheat Straw: small squares 6.00-7.00/bale, large squares 100.00-110.00, and large rounds 85.00-95.00.

\*\*\*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](http://www.ams.usda.gov/mnreports/DC_GR310.txt)

tious in nature. It's a toxin that gets in the feed, and then the animal has to consume the feed at the right concentration to get ill."

Different species show different symptoms, including damage to the animals' liver, kidney, brain or other organs. The disease is not transferrable to humans.

In addition to aflatoxin and fumonisin, Ensley said that other mycotoxins of concern in Kansas this year include vomitoxin and zearalenone. He also noted that dried dis-

Foundation of America (HYFA) awarded more than \$173,000 scholarships in FY 2018 to members of the National Junior Hereford Association (NJHA). The Cottonwood Springs Farm Educational Endowment was established, a \$250,000 endowment gifted by Tim and Nancy Keilty of Cedar, Mich. The Lot 1 Foundation Female raised \$80,000 for HYFA in the 2018 Mile High Night Sale, and has generated \$770,000 over its ten-year

**Certified Hereford Beef**

The Certified Hereford Beef Board and the AHA Board of Directors voted unanimously to upgrade the minimum marbling score on Certified Hereford Beef branded products to a USDA Choice quality grade. The modification will go into effect Jan. 1, 2019.

**Youth Programs**

The Hereford Youth

tiller's grains, a by-product of corn ethanol production, can concentrate mycotoxins.

Ensley said that collecting a reliable sample of grain is key to detecting mycotoxins in an operation.

"The best time to sample is anytime you move grain from the field to the bin, or from the bin to feeding," he said. "Anytime that grain is moving and you can get multiple samples along that line, that's the best way to obtain a random sample."

Ensley said samples

that test positive for a mycotoxin can sometimes be diluted to a safe level, except for aflatoxin, a carcinogen that is regulated by the U.S. Food and Drug Administration.

Ensley recommends that producers work with local veterinarians to collect reliable samples and interpret results, or they can also contact the K-State Veterinary Diagnostic Laboratory at 866-512-5650.

K-State's lab is also available by email, client-care@vet.k-state.edu.

lifetime. HYFA also partnered with BioZyme Inc. for a second year to "Feed the Future," raising more than \$14,000.

The VitaFerm Junior National Hereford Expo boasted 1,494 entries and awarded more than \$30,000 in scholarships. Sierra Ranches, Modesto, Calif., and Pedretti Ranches, El Nido, Calif., hosted 76 NJHA members during this year's Faces of Leadership conference.

## FARM AUCTION

**SATURDAY, NOVEMBER 24, 2018 — 10:00 AM**

1245 N 550 Rd — BALDWIN CITY, KANSAS

*Directions from Lawrence: (From N650 exit, 1 mile South) South on Hwy 59 to N 650 Rd, West briefly to E 1250 Rd, South to Auction Site.*

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Mark Elston  
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**11/14/18 SALE RESULTS**

COWS		BULLS	
Chapman, 1 rwf	1605@80.00	Herington, 5 mix	719@126.50
Burdick, 1 blk	1095@77.00	Herington, 5 mix	698@117.50
Burdick, 1 blk	990@75.00	Marion, 1 red	1990@70.00
Burdick, 1 blk	1110@74.00	<b>STEERS</b>	
Ramona, 1 blk	1255@67.00	Herington, 7 blk	543@155.00
Manhattan, 1 blk	1775@64.00	Hope, 62 blk	864@153.75
Herington, 1 bwf	1980@64.00	Herington, 62 mix	924@150.75
Tampa, 1 blk	1745@63.00	Herington, 61 blk	881@150.25
Chapman, 1 blk	1855@60.00	Marion, 3 blk	570@150.00
Herington, 1 blk	1670@60.00	Lincolntonville, 56 blk	917@149.75
Herington, 1 blk	1750@60.00	Herington, 62 mix	891@149.75
Burdick, 1 blk	1050@60.00	Lost Springs, 2 blk	680@147.00
Ramona, 1 blk	1485@59.00	Herington, 5 blk	612@145.00
Manhattan, 1 blk	1490@57.00	Hope, 13 blk	823@145.00
Manhattan, 1 blk	1665@57.00	Lincolntonville, 5 blk	778@145.00
Ramona, 1 bwf	1700@57.00	Lincolntonville, 113 mix	906@143.75
Burdick, 1 blk	1675@57.00	Lincolntonville, 12 blk	890@142.00
Durham, 1 blk	1450@57.00	Marion, 3 red	740@142.00

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Cultivated ground 3 miles east of Emmett, Ks. and one-mile south on "B" Road. \$270,000. Gravel road on west side of property. DEK Trust land. Call Bill Karnowski 1-785-456-9509 8am to noon.

**75 ACRES FOR SALE** north of Rossville, Ks. 8825 NW Davis Rd. \$225,000. Terraced with waterways. Currently enrolled in CRP program. Call Ed Matyak, 785-608-3200, Shawnee Co. Real Estate LLC.

**80 ACRES PRIME FLINT HILLS** pasture land, close to Manhattan. Excellent grass with pond, good fences, wonderful location with beautiful views. Irvine Real Estate, 785-556-0662 or 785-539-9800.

**AVAILABLE FIRST TIME** Scenic +/- 40 acre tract, custom built, 4,700 sq.ft. home in special setting, complete with trees, running creek, and Flint Hills grass. Includes 8x20 horse barn with fenced area. Exceptional setting just North of Manhattan.  
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- 130 ac. West of Marysville, 2/3 native grass CRP, 1/3 timber/ grassland, an excellent income producing hunting farm.
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- 150 acres South of Barnes, 80 % terraced upland, the rest is creek and excellent hunting land.
- Beautiful older home on 4 acres, near Hollenberg and the Little Blue River.
- 160 acres Morris County excellent grassland, at auction on December 1st at Council Grove.
- 3 bedroom early ranch style home, at auction on November 26th in Concordia.

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### REAL ESTATE

#### FARM & RANCH

- Land For Sale**  
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**Ottawa Co.-** 157.6 Acres m/l with 122.87 Acres crop land balance wildlife habitat. East of Bennington. Chris 493-2476  
**Ottawa Co.-** 158.2 Acres m/l with 127.49 acres cropland and 30.71 Acres native grass & waterways. South of Minneapolis. Chris 493-2476  
**Chase Co.-** 529 Acres m/l near Cedar Point- Cropland, pasture, meadows & wildlife habitat. Chris 493-2476  
**Ottawa Co.-** 198 acres m/l 138 crop, balance timber. Chris 493-2476  
**Saline Co.-** 119 Acres all cropland. Eastern Saline County. Chris 493-2476  
**Saline Co.-** 78.5 Acres, 74 Acres Crop Land. Eastern Saline County. Chris 493-2476  
**Saline Co.-** 170 Acres m/l, 165 Acres Crop Land. 5 Acres Timber/River Eastern Saline County. Chris 493-2476  
**Ottawa Co.-** 10 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476  
**Ottawa Co.-** 20 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476  
**Ottawa Co.-** 20 Acres m/l building site with Old Highway 81 frontage North of Bennington. Chris 493-2476

#### Homes For Sale

- Saline Co.-** 2.7 Acres m/l. Southeast of Saline. 2 Story vintage restoration. 54x99 Morton Building. Chris 493-2476  
**Cloud Co.-** 7+ Acres/ 2800 Sq. Ft. Home/ Country Oasis/ 5 Bdrm./ 4 1/2 Baths/ 28X60 Shop. \$250K. Chris 493-2476  
**McPherson Co.-** 3.8 Acres m/l. Updated Ranch Home. 2 Bdrms./ 2 Baths/ Basement. Mari 452-5314  
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**147 ACRES FOR SALE** north of Talmage. Great income bottom ground with exceptional hunting opportunities, Call or text Caleb Davis with Mossy Oak Properties with questions: 785-447-1694.

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### JACKSON COUNTY 640 Ac m/l improved farm with modern home,

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### POTTAWATOMIE CO. AUCTION

230 ac. w/irrigated crop ground. See details in auction ad elsewhere in paper.

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NEW LISTING! 80 Ac +/- Exp. CRP south of Abilene. Priced in today's market. Call Ray!  
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\* 40 Ac +/- Tillable & Timber w/possible Bldg Site 2 mi N of Abilene. Call Brad!  
\* 320 Ac +/- Tillable, CRP paying \$98/acre, Hay Meadow combo just SE of Junction City. Nice farm, great hunting. Call Brad!  
\* 40 Ac +/- just west of the Salina airport. Bldg site(s) pending zoning approval. Call Ray before it's gone!  
\* 114 Ac +/- Pasture just off Old 81 Hwy/9th St @ OT/SA County line. Great Bldg site!  
\* 320 Ac +/- Mostly CRP with 3 ponds and cabin east of Bennington. Possible tillable, pasture, or get away with modest return. Call Ray!  
\* 320 Ac +/- Pasture E of Bennington - Owner will Finance - Call Ray!  
\* 300 Ac +/- on the Solomon River - Owner will Finance - Call Ray!  
\* 130 Ac +/- Pasture/tillable and great hunting on Willy's Creek NE of Abilene on Hwy 15. Call Ray!  
\* 80 Ac +/- just S of Lincoln, tillable and CRP. Call Ray!  
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PRICE REDUCED! 4300 W State St Rd., 4 bed, 2 bath, full bsmt, 2-car garage on 3 acres. Call Ray!  
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2013 Kubota M9960 MFD w/ldr  
2014 Case IH Maxxum 115 MC  
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2014 Kubota L5460, HSTC, 4WD, Cab  
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**COMBINES**  
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**Profitability from precision and yield data workshop on November 27th in Parsons**

Agricultural technology is always advancing and can be used for the benefit of the farmer to maximize yields and cut costs. Come learn how combine yield data and soil mapping can be used to maximize production on highly heterogeneous soil using variable rate applications and management zones.

The workshop will be spilt into two parts. From 9 a.m. to noon, Dr. Sassenrath and Dr. Griffin, both K-State specialists, will be speaking on affordable and practical agricultural technology and how it can be an important part of re-

maining financially stable in farming. The afternoon session will be a hands on workshop covering how to properly manage combine yield data and create yield maps. Please bring a laptop to join the yield data management part of the workshop.

This workshop is free and lunch provided, sponsored by Heritage Tractor, Thomas Implement, O'Malley Equipment, and R&F Farm Supply. Register to attend at Wildcat Extension District; 620-724-8233 or email jcoover@ksu.edu.

Please join us November 27th from 9 a.m. to 2:30 p.m. at the Southeast Research and Extension Center, 25092 Ness Road, Parsons to learn more about remaining profitable using agricultural precision technology and how to fully utilize your combine yield data.

An informational flyer can be downloaded from the Wildcat District website at [www.wildcatdistrict.k-state.edu](http://www.wildcatdistrict.k-state.edu).

For more information, contact James Coover, Crop Production Agent, [jcoover@ksu.edu](mailto:jcoover@ksu.edu) or (620) 724-8233.

**Brunner headed to WNFR**

Watch for back number 76 on the CBS Sports Network or in Las Vegas during the Wrangler National Finals Rodeo (WNFR). That will be Tanner Brunner of Ramona, a K-State Rodeo Team alumnus and first-time WNFR qualifier in the steer wrestling. Brunner finished the regular season in sixth place and hopes to go on a run for a world championship at the ten-round, \$8.8 million rodeo. The WNFR will take place December 6-15 at the Thomas & Mack Center in Las Vegas.

horses is out of the Mulligan family's stud, Lion's Share of Fame.

In addition to Mulligan, Brunner traveled with Cole Edge, Cameron Mormon and Chason Floyd, all of whom finished just outside the top 15. He referred to his truck mates as "a great group of guys."

Brunner said his biggest wins were at Pleasant Grove, Utah, and Santa Fe, N.M., one week, then shortly thereafter over the Fourth of July run at Cody, Wyo., and Belle Fouché, S.D.

Brunner has been practicing enough to stay sharp, but also has taken a little time away since the end of the regular season to rest both mentally and physically. His practice schedule will ramp up as November moves along. When he's home, he practices with Chancey Larson from Manhattan.

"Those weeks really helped put me in the position I was in at the end of the year," said Brunner. "It makes the rest of your summer a little easier after a start like that."

"He (Larson) has been helping me out for the last nine years," said Brunner. "I owe a lot of my success to his help."

As the WNFR draws nearer, he'll go to Oklahoma to practice at Mulligan's and Tyler Pearson's with several other WNFR qualifiers.

He said you never know for sure you've made the WNFR until the season ends October 1, but he had a pretty good idea after winning second at San Juan Capistrano, Cal., toward the end of August.

While in Vegas, he'll have a sizeable cheering section. Most of his family plans to be on hand, as well as numerous friends who have texted.

Brunner credits his sponsors for making it a little easier to rodeo. The Outpost Western Store in Manhattan, The Sports Zone, Coats Saddlery, Animal Health International and Cow Camp Ranch are his primary supporters.

**K-State offers courses in pet food manufacturing, nutrition; optional studies could help students land valuable jobs**

Recognizing a small revolution in how we relate to animals, Kansas State University's Department of Grain Science and Industry is offering a new study emphasis on pet food manufacturing.

According to a 2015 article in PetfoodIndustry.com, pet food manufacturers in the Kansas City Animal Health Corridor account for more than half of all pet-food sales in the United States. These companies provide more than 2,000 jobs to the area.

kitchens and in some cases even sharing our beds.

"They've become members of the family. There is an increasing awareness of the foods they eat and what we need to do to provide them with adequate diets."

"There has been an evolution of the way we look at companion animals," said Greg Aldrich, a research associate professor in the department and the Pet Food Program coordinator.

While not a true "major" or dedicated field of study, the new pet-food emphasis will offer a variety of courses that students can take to add extra depth to other majors.

"Making it better is no longer just about making pet food crunchy or flavorful or convenient," he said. "It's also about making sure we have a safe and effective delivery device that doesn't cause harm to the pet and doesn't bring pathogens into our homes."

"They've moved from being outside our home - on farms they were barnyard security and rodent control - to living inside the house. They're sharing our house, sharing our

Among the options K-State offers: Pet-food emphasis area in the feed science and management degree option.

Some courses in the curriculum include feed management for large groups such as kennels, pet-food nutrition, dietetics, extrusion manufacturing and sensory analysis, which Aldrich says is a rapidly growing area for pet food companies.

"They can pick up those same 15 to 17 hours and get a minor on their transcript," Aldrich said. "I'm also training master's and Ph.D. students in this whole area, to teach them how to do research and become the next generation of research scientists."

Pet-food minor for students in other disciplines: Animal sciences and industry.

"Just like human infants, our pets have no verbal skills - they can't talk to us and tell us if they like or dislike something," Aldrich said. "So we end up trying to come up with methodology that allows us to look at their behavior, to tell us whether or not something is preferred or liked, or whether something is rejected."

Another driving force behind the pet-food emphasis is regulation. The 2011 Food Safety Modernization Act, which shifts the emphasis of federal regulations and manpower from tracking foodborne

Agricultural technology management. Agricultural economics.

"And the big question is 'Why?' What is it about that food or preparation they really liked? That's the holy grail - getting the dogs to talk to us. So teaching students on sensory cues and how to evaluate behavior is very critical."

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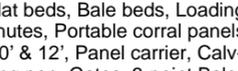
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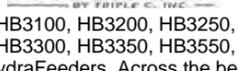
  
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# Weather watch: six-month outlook for winter wheat in the Great Plains

Kansas wheat farmers will potentially see and feel effects from the El Niño weather pattern expected to move into the United States over the next six months. Although the El Niño is expected to be fairly weak, NOAA's Climate Prediction Center (CPC) has predicted that most of the country is going to be slightly warmer than normal, with a much milder winter in store. With a milder winter, wheat has a greater chance at breaking dormancy earlier.

Mary Knapp, assistant climatologist with Kansas State University, says NOAA's CPC just released their three-month outlook for November, December and January. This looks at the average condition over the three-month period and how it compares to what you normally see. Knapp says the outlook is calling for warmer than normal temperatures and equal chances for wetter or drier than normal conditions.

"They are calling for wetter than normal along the desert southwest and

along the gulf coast region. That is very typical when you have an El Niño, which is warmer than normal waters in the Pacific," says Knapp. "Those warmer waters in the Pacific influence the jet stream positioning and the tracks that storms systems have coming across the U.S."

Knapp says that a weather system like this brings Pacific moisture along the southern parts of the United States with parts that can make their way up into Kansas.

Some things they look for to determine the weather pattern include a four-corner storm, which is where low pressure comes from the desert southwest and moves across the southern plains into the northeast portion of the country. The track that a four-corner storm takes, either across Texas or Oklahoma, will ultimately influence how much snow or moisture Kansas will receive, since it is on the north end.

When referring to a four-corners storm, climatologists look at the junction of Utah, Colo-

rado, Arizona and New Mexico. Knapp says that when a system comes out of this area, it typically brings Gulf moisture in advance, which flows into the plains, making temperatures more moderate with lows in the 20's. A storm like this is milder, has more moisture and has a better chance at producing snow.

If a four-corners storm runs through Oklahoma, Kansas will have a better chance to get snow cover, leaving the wheat crop more insulated and hopefully dormant.

The Madden-Julian oscillation is also a factor that can influence Kansas beyond the El Niño, which causes a difference in where storms originate in the Pacific and how they track across the United States. The phase it is in controls how active it is and how many storm systems come across.

Knapp says the North Atlantic oscillation is another factor which looks at the pressure gradient

across the Arctic. When it's set in a certain phase, Kansas gets more of those northern storms tracking into the plains.

Looking a little bit further into the year, Knapp says they are calling for warmer temperatures, still, and equal chances on the moisture, which could have a negative effect on the wheat. Knapp says that milder temperatures don't necessarily mean it will be warm, but it may be enough to allow pests to overwinter in greater numbers.

Knapp says the problem we face with long stretches of mild weather for wheat is its possibility to break dormancy. Throughout the winter, warmer temperatures don't allow the wheat to go very far into its dormancy, and then it gets hit with cold temperatures and it's not as adaptable to the cold conditions.

Although the weather is predicted for the entire state of Kansas, people still need to keep in mind

the difference in weather conditions from one side of the state to the other.

"The gradient difference we have across the state is pretty strong, so northwest and western Kansas in general tends to be cooler and drier during the winter than the eastern part of the state," Knapp said.

As for precipitation, there is a very strong gradient in the western part of the state, with less than two inches throughout November, December and January. Normally the crop is dormant at this time and doesn't need a lot of moisture. The question is, what is going to happen in that February, March and April time period when it starts to break dormancy and is starting to get active?

Knapp says when looking at weather predictions for further out in the year, the CPC's confidence is not huge, but they make it possible for people to check periodically how the weather is changing.

As of now, for the months of February, March and April, the CPC is still predicting warmer temperatures, but they've got a fairly strong signal across the plains for wetter than normal conditions - quite a contrast from last year.

If this comes true, it will raise more of a concern for diseases.

Winter wheat is heavily dependent on the weather in the cold months for its dormant stage. It is important that the crop has had good dormancy. If the wheat is more active throughout the winter months, it will cause more issues in the spring and summer.

Although these weather predictions have been made for the upcoming months, it's important to keep in mind the weather is ever-changing. Although they may forecast a warm winter and a wet spring, storm systems can change and produce weather that is different than predicted.

## Winter cow management examined

By Brett Melton, Extension Agent: Livestock Production agent, River Valley Extension District

Now is the time of year when cattle are grazing crop residues and farm equipment is put away for the winter. Cows that are set to calve on March 1st are moving into their third trimester. This means the nutrient requirement of these cows will go up immensely. The growth of the fetus is exponential until the time of calving. Each day of fetal growth will be greater than the day before - until calving. A complication can be increasing and maintaining their energy as the temperatures drop. More energy is needed for the cows to maintain body condition.

To put this into perspective, let's say we have a moderate-sized, open, non-lactating cow. This cow will need to have approximately 8.5 mega-calories/day (1 mega-calorie = 1000 calories) just to maintain her body condition. This is also assuming she is in a comfortable environment. If that cow is eight months pregnant she could need another 3.5 mega-calories/day. In the weeks before calving, this cow will need five mega-calories more than if she were not pregnant. That is almost 60% more energy needed to grow the fetus into a live calf.

Studies have shown underfeeding cows and heifers during late pregnancy will result in longer intervals between calving and rebreeding, lower milk production, and decreased calf weaning weight. These effects are even more pronounced in heifers compared to cows. There is also research to suggest there is decreased passive immunity to calves in cows that have had inadequate nutrition during the late stages of pregnancy. Passive immunity is acquired by the calf via colostrum and is important early in the calf's life to fight off infections. It is thought the inadequate nutrition in the late stages of pregnancy hinders the cow's ability to make immunoglobins, or the calf is unable to absorb the immunoglobins.

With these increased energy requirements for cows during the winter, it is important to know if cows are getting enough nutrients, so we can avoid the negative impacts caused by underfeeding. If your cows are grazing crop residue, then it is difficult to know if their nutritional needs are being met. This is why making notes on the cows' body condition score before grazing is a good idea. If the average body condition score of the herd is

maintaining or increasing, then it would be fair to say energy needs are being met. If the body condition scores are dropping, it is time to rotate to another field, or get them to a dry lot to feed them.

Feeding in a dry lot is much simpler when it comes to feeding cattle. We can balance a ration we know will meet the needs of the cow. If any producer needs help balancing a ration for cows, growing calves, bulls, or replacement heifers, stop by the K-State Research and Extension Office in Concordia, call 785-243-8185, or email [bmelton@ksu.edu](mailto:bmelton@ksu.edu).

## Fall harvest and wheat planting lagging with recent wet conditions

For the week ending November 11, 2018, there were 3.7 days suitable for fieldwork, according to the USDA's National Agricultural Statistics Service. Topsoil moisture supplies rated 0 percent very short, 2 short, 78 adequate, and 20 surplus. Subsoil moisture supplies rated 1 percent very short, 4 short, 82 adequate, and 13 surplus.

Winter wheat condition rated 2 percent very poor, 12 poor, 42 fair, 36 good, and 8 excellent. Winter wheat planted was 90 percent, behind 96 last year and 98 for the five-year average. Emerged was 77 percent, behind 82 last year and 89 average.

Corn harvested was 89 percent, near 92 last year, and behind 95 average.

Soybeans harvested was 74 percent, behind 90 both last year and average.

Sorghum harvested was 62 percent, behind 75 last year and 80 average.

Cotton condition rated 1 percent very poor, 8 poor, 37 fair, 44 good, and 10 excellent. Cotton harvested was 19 percent, behind 24 last year and 31 average. Sunflowers harvested was 63 percent, behind 71 last year and 72 average.

Pasture and range conditions rated 2 percent very poor, 8 poor, 40 fair, 45 good, and 5 excellent.

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## Celebration-worthy Beef

**By Miranda Reiman**  
Do you have a deep-freeze full of beef? That's why beef marketing campaigns are not directed at you.

You raise it, you likely eat it more than most, but you are not the ones foodservice professionals

and retailers are trying to convince to reach for your wallet.

Chances are, you'll eat beef regardless of what they're doing in New York City or Austin or San Francisco. "Foodie" trends are not your thing.

Many reading this col-

umn live on a country road, miles and miles from the closest grocery store or steakhouse. Many of you stop at a retail meat counter far less often than you see your preacher, but you have staple beef entrees you enjoy at home.

I'm not judging. That's me, too.

But I think it's important to remember, there's a big world out there, and people a little further down the supply chain make a living as ambassadors for your product.

Every so often, I get to spend some time with the crowd we are trying to reach so they can better reach the consumer. I get to watch their first reaction to new (sometimes pretty "out there") ideas, and

I see them as jazzed up about selling this product as we are about creating it.

Recently, I was at conference where they were discussing everything from the business of selling beef (best practices for aging, pricing considerations) to the creativity of it (new fabrication methods and cooking techniques). It was part data and facts, part artistry and intuition. It was really fun to watch.

In the past year, I've seen chefs doing things with beef that I never could have imagined: roasting an entire side of beef on the beach, bringing a cocktail smoker tableside to deliver a chuck roll and grilled cheese sandwich that comes out

with a cloud of mystique. It's fun to see beef marketers in action. Their energy and enthusiasm is inspiring, but it really drives home a central point for me: What we do in the beef community is special.

I don't see people that motivated to create and imagine with chicken. It's just a hunch, but I think most chefs are far more excited to see calving season on the ranch than where most other food begins.

I find that a bit of a distinctive burden, too.

We can't expect a premium and then show up at the table as simply a chicken alternative. Especially not when we are three times the price of poultry and twice as expensive as pork. On the other hand,

we can't cut corners and costs as if grade doesn't matter because that road won't take you to a market that pays for your business or way of life.

We must be able to deliver on this idea that what we deliver is celebration-worthy, every night of the week. It's for the "oohs" and "ahhs" and "wows."

That's on you. It starts with the decisions you make at the ranch level to make it happen.

The marketing teams will take it from there.

*Next time in Black Ink®, Nicole Lane Erceg will reflect on the holidays. Questions? E-mail mreiman@certifiedangusbeef.com.*

# Clay supplements in dairy cows improve immune response to aflatoxin challenge, study says

In the fight against aflatoxin, dairy producers often turn to sequestering agents such as clay to reduce transference of the toxin into milk. It's an effective tactic, but a new study from the University of Illinois shows that clay has additional benefits for overall cow health.

"There has been a good amount of research showing the effect of clay supplements on milk quality

and performance, but we took it a step further to look at how clay can help the cow's immune system," explains Russell Pate, doctoral student in the Department of Animal Sciences at U of I and lead author on the study.

When incorporated into the diet, clay binds to aflatoxin, preventing it from being absorbed into the cow's bloodstream. Instead, Pate says, the bound

clay-aflatoxin complex is simply excreted through the feces.

In the study, Pate and his collaborators looked at the effects of aflatoxin and aluminosilicate clay supplementation in four groups of lactating Holstein cows: cows that weren't exposed to aflatoxin and were not fed clay (control); cows that were exposed through an oral bolus and were not fed

clay; cows that were exposed and fed four ounces of clay in the total mixed ration; and cows that were exposed and fed eight ounces of clay.

"We used two different concentrations of the product to see if adding more would have a greater effect on toxin transference to the milk," says Phil Cardoso, assistant professor in the department and co-author of the paper.

Cows fed the greater quantity of clay produced more milk with less aflatoxin M1, the form of the toxin that is excreted in milk.

But similar results have been shown by other researchers. What was new about the study was that Pate and Cardoso, along with co-author Devan Compant, looked at the effects of aflatoxin and

clay on the liver, through biopsies, and at blood metabolites. The measures provide a broader picture of overall health and immune function.

"By minimizing the amount of aflatoxin getting into the cow's bloodstream through the clay supplements, we wondered if that would help the cow's immune system stay stronger, in a sense. That hadn't been tested as much," Pate explains.

For cows that were exposed to aflatoxin and not fed the clay supplement, Cardoso says liver hepatocytes were severely inflamed. But in cows fed eight ounces of clay, inflammation decreased substantially. In addition, indicators of liver functionality and immune response, such as glutamate dehydrogenase and alanine aminotransferase,

tended to increase in the liver and the blood as clay concentration increased in the diet.

The team also looked at gene expression and found a certain gene involved with protein production, known as MTOR, was negatively impacted by aflatoxin challenge. "With aflatoxin challenge, cows are producing less protein for themselves, for the milk, everything. Everything is made of protein. This is very instrumental," Cardoso explains.

Ultimately, the researchers recommend clay supplements for aflatoxin challenge in dairy cattle.

"If you add clay to the diet, you will have a decrease in aflatoxin getting to the milk and will potentially be bolstering the immune system as well," Pate says.

## Blockchain for the beef chain

**By Katrina Huffstutler**  
The IBM brand isn't often associated with the cattle business. But that may change, thanks to the tech giant's IBM Food Trust and its use of blockchain. That's just what it sounds like: blocks of information that form a chain, linked via Internet to allow information sharing that is seamless, efficient and secure.

Its primary application is between partners across an industry striving to achieve improved transparency, traceability, sustainability — and ultimately even profitability.

Nigel Gopie, marketing leader for the IBM initiative, told 200 cattlemen at the late-summer Feeding Quality Forum in Sioux City, Iowa, the system offers trust and transparency in places where it either doesn't exist or could be improved.

"In the food industry, in particular," Gopie said, "there are a lot of concerns about food safety, food fraud, sustainability, and others. We believe that, with blockchain, we can bring light to problems that have plagued us for centuries."

Take food safety, for example. With blockchain, the source of contamination could be pinpointed easily — no more long-lasting scares like the one earlier this year where consumers were told to avoid romaine lettuce for months.

"With blockchain, we're able to solve problems that we never could solve before," Gopie said.

The benefits of information sharing works both directions.

"I could learn more about your organization by sharing data, I can learn more about my organization, but also together, we can learn a whole lot more" he said "What we believe in is, the whole is greater than the sum of the parts."

While the audience of quality-focused cattlemen was intrigued, many had the same concern, voiced in a question: Is it secure? Gopie assured them it is.

"With blockchain, your data belongs to you," he said. "We believe your data does not belong to the solution, nor does it belong to your transaction partners. And so, your data is held in secure environments and it's only shared when you want to share it. It's encrypted and no one can get access to that data unless you permission it."

He added cattlemen have flexibility when it comes to sharing, too.

"You don't have to permission all of your data — you can share pieces of data, you can share all of your data, and you can share data with me or your transaction partners one month, but then change that permissioning so we share different data or no data at all the following month," Gopie said.

And what about liability? Would a rancher or feeder be responsible if E. coli was traced back to his operation? What would that look like?

Gopie said blockchain is about fact-finding, not fault-finding. And beyond that, it's important to remember an outbreak may not be related to time on the hoof anyway.

"It could've been any point during the supply chain, but by having the visibility, you're able to help figure out where different paths cross, and then you're able to identify the problem," he said. "So, it may not be on a farm at all. However, if it is on your farm, wouldn't you want to know? Secondly, if it was not on your farm, you'd also want to share that information. You would be able to say, 'I understand it was Nigel's farm that had that problem and we're all there to help and ensure that doesn't happen again. But also, my stuff is safe.'"

That's only one part of the equation. In a much bigger sense, blockchain's application can allow a new and better way for consumers to feel connected to their food from pasture to plate.

"A lot of us folks who live in a city love the idea of understanding where our food comes from, seeing pictures of where our cattle are raised. I think that sort of connection allows us to feel closer with the food that we're eating, realize that the men and women who are raising these products really care about them, and it's the same thing that they would feed their families at home," Gopie said. "And so, it provides us with a little more trust about the entire system by allowing that connection to take place."

The forum was presented by the Certified Angus Beef® (CAB®) brand, with cosponsors Where Food Comes From, Roto-Mix, Feedlot Magazine, Tyson Foods, Intellibond, Zoetis and Diamond V. For more information on the meeting proceedings, visit www.feedingqualityforum.com.

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**CLASSIC CAR:** 1980 Triumph Spitfire 1500 33k miles 4-speed stick shift convertible top.  
**TRUCKS & TRAILERS:** 2006 International 9400 I semi-tractor Cummins ISX 500 hp engine 13 speed 265 wheelbase \* 2002 Freightliner Columbia semi-tractor Cummins N-14 435 hp Super 10 260 wheel base super singles tires \* 1999 International day cab semi-tractor Cummins engine 10 speed \* 1999 International day cab semi-tractor Cummins Power \* 1994 International day cab semi-tractor Cummins Power \* 1994 International day cab semi-tractor Cummins Power \* 1986 International truck w/24' flatbed Cummins Power \* 1991 Utility Flatbed trailer 45' \* 1996 Transcraft Flatbed trailer 48' \* 2013 Titan 30' flatbed w/winch \* 2008 Calico 20' horse trailer \* tandem axle bumper pull 40' x 7.5' utility trailer \* tow dolly.  
**SKID STEERS:** John Deere #250 skid steer w/bucket & new tires 2465 hrs.  
**TRACTORS, IMPLEMENTS:** Ford 8N gas tractor w/3-pt & PTO \* early 90's Case International #595 tractor, diesel, 52 hp, hard canopy top with Case International #2255 loader w/2 spear bale fork (no bucket) \* Land Pride 3-pt post hole digger w/auger.  
**SNOW PLOWS, FARM EQUIPMENT:** NEW Western mod.74485 MVP3 Ultra Finish 2-wing 8'6" snow blade w/Ultra Mount 2 system, trip blades, lights \* NEW Snow EX mod.7750 Power Plow w/Automatix attachment system, trip blade, lights removed from sale \* (60) NEW panels 20' x 46' 6-bar galvanized continuous fencing w/connectors \* 3-pt Farm Star 6-bushel seeder \* 3-pt 6' blade \* 3-pt potato digger/furrower.  
**CARS, PICKUPS:** 2016 Ford F-150 XLT 4x4 4-door gas pickup V-8 5.0L engine 31k miles \* 2008 Chevrolet Suburban LT V-8 5.3L 4x4 leather interior & moon roof \* 2009 Nissan Versa 4-dr sedan 4-cyl 1.8L engine 68k miles 1-owner \* 2005 Ford F-150 XLT 4-door pickup w/5.4L Triton engine \* 1994 Dodge Ram 3500 pickup reg cab diesel 369k miles \* 1979 GMC Sierra Grande 25 Camper Special 4wd pickup 8400 GVW.  
**BATTERIES - TIRES - RIMS - SEATS - PARTS: BATTERIES:** (54) batteries (standard batteries EIDorado pulled from new vehicles and upgraded). **TIRES & RIMS:** set/4 B F Goodrich Mud-Terrain T/A LT225/75R17 \* set/4 Bridgestone V-Steel Rib 187 8R19.5 12 ply \* (8) Goodyear 11R22.5 \* many other truck tires 11R22.5, 285/75R24.5, 11R24.5, other sizes. **SEATS:** New van & truck seats (standard seats EIDorado pulled from new vehicles and upgraded).  
**SNOWMOBILE:** 1990 Polaris 650 Indy RXL snowmobile (doesn't run, top end needs work).  
**ATV & GOLF CARTS:** Kawasaki Mule 2510 4wd w/dump bed, push blade, receiver hitch \* Club Car gas golf cart w/cab cover \* E-Z-Go gas utility vehicle w/dump bed.  
**MOWERS, YARD EQUIPMENT:** Craftsman Trac'Drive snow thrower 8-speed self-propelled 26" \* gas chainsaws — Homelite CS-50 20" bar \* Craftsman 2.0 10" bar \* Frontier F-35 13" bar \* Pioneer P-10 10" bar \* Ryobi mini-tiller \* Chieftain 22" electric snow thrower \* Snapper LT200 riding lawn mower 20hp 42" cut \* Speed King Porta Power 12v electric auger \* EZIdle 1200w generator 60 Hz \* Fimco trailer sprayer 12v \* Troy-Bilt rear tine tiller w/6hp Tecumseh engine \* Earth Wise electric mini tiller \* B&D electric weed eater \* Yard Man electric blower/vac.  
**GUNS:** Mauser mod.98 8mm bolt action rifle ser # 8505 \* Winchester mod.120 Ranger 12 ga pump shotgun 3" chamber mod bbl ser # L1423715 \* Winchester mod.67 22 S-LR cal bolt action rifle ser # N/A \* BB pistol \* La Salle Firearms mod. Action 12 ga pump shotgun mod. bbl made in France ser # 79693 \* Cabela's mechanical boresighter.  
**INDUSTRIAL & CONSTRUCTION EQUIPMENT:** (2) units assembled racking \* Dayton manual pallet jack w/hoist (63" max lift) like new \* tubs of hardware from EIDorado National — carriage bolts, screws, washers, bolts, nuts, lock washers, rivets, plastic caps, zip tie straps \* large job box \* (2) pallets fluorescent light fixtures & hanging chains.  
**HARDWARE STORE CLOSE-OUT:** All new product — light kits \* door, cabinet, construction hardware \* wood finishes \* paint \* electrical \* commercial light bulbs \* and more.  
**BUILDING SUPPLIES:** Pallets of NEW black & white painted metal window security guards \* odd sheets particle board, paneling from cabinet shop \* odd lots laminate flooring.  
**TOOLS:** Delta Rockwell floor model drill press 3/4hp 230/460v 3ph \* (2) JET 10" band saws mod. JWV-100s 120v \* Craftsman 12 gal 5.5hp shop vac \* Tradesman 10" table saw \* Craftsman 14.4v cordless trim saw w/charger \* Hitachi router \* Makita circular saw \* DeWalt 1/2" drill \* drill bits sets \* Bosch driver bits set \* Morse hole saw kit \* Forstner bit set \* router bit set \* Craftsman electric start 6300w generator \* lots of asstd chains various sizes up to 20' long.  
**CUSTOM SMOKER & RESTAURANT EQUIPMENT:** Custom built smoker trailer w/propane large pot burner on front, 3 cooking chambers, fire box removed from sale \* Instant Burger cooker \* Chefmate food slicer Globe Food Equipment 1/3hp 115v \* drink/ice dispenser.  
**HOUSEHOLD APPLIANCES:** Maytag black refrigerator w/freezer drawer \* Thermador Professional gas cooktop \* Whirlpool double wall oven \* Sears refrigerator white \* Haier refrigerator white.  
**ELECTRONICS:** Rock-Ola mod. 448 juke box w/45 rpm records, works \* White's Electronics Coinmaster 5500/D Series 3 metal detector \* table full of DVDs.  
**FISHING, HUNTING & EXERCISE & SPORTS EQUIPMENT:** Ice fishing gear — Eskimo Profish 150 flip action system tent w/sledge, ice auger, ice chips scoop, Vexilar FI-18 Genz pack depth finder NIB, Mr Heater propane heater, large tackle box \* tackle boxes \* hunting clothes \* shooters table \* bucket of balls w/bats & bases.  
**COLLECTIBLES:** Artwork by KS artists — Maleta Forsberg "Cottonail" 1979 383/1000, "Little Shepherd" 1987 80/1000, "Winter Tranquility" 1978 674/1000, "Winter Carpenter" 1978 682/1000 \* Janet LeRoy "Teamwork" 2002 35/200 & "White Legend" 2003 \* Jerry Bishop cardinal 659/1000 \* Charles B Rogers "Summer Pasture" & "Along the Smoky"; B N Lewis? "Main Street Elmer, KS" 335/1500 \* Marcella Oakes barn scene \* vintage Coca-Cola & Dr Pepper galvanized ice chests \* Coca-Cola, Bud, Pepsi trays, grocery list, advertising thermometer \* Budweiser, Coors, Miller, other steins \* McCoy vases \* old artwork & advertising \* Hershey's Milk Chocolate cookie jar \* cast iron black woman bank \* black memorabilia \* sports cards & memorabilia, many autographed in albums, sets, boxes \* celebrity autographs \* 30 asstd oil lamps \* table full of older toys \* half table of boxed toys \* several containers Hot Wheels & other vehicles.  
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# Guest Editorial

**An op-ed By Mary Powell**  
*The topics covered in this article address mainly meat goat production as well as goats that are used in goat rental businesses that are raised for meat production or as pets. The dairy goat industry also faces issues; unique to goats but have not been researched by the author.*

Over 80% of the world's population consumes goat meat, yet in the United States, beef is preferred by most consumers. However, the ever-growing population of people from the Mediterranean, Africa continent, Mexico and various religious groups are consuming more goat meat than the United States can produce, yes; we are im-

porting goat meat; just to satisfy the demand. There are few large producers of goat meat and vast numbers of small producers, including backyard breeders and homesteaders, many of which have no true animal husbandry skills but are raising goats for various markets.

This disconnect from the mainstream livestock industry opens a Pandora's box of issues that can cause the goat industry and the rest of the livestock industry some serious issues, such as bio-security, and drug withdrawal periods prior to slaughter. Very few small producers can afford to attend Langston University's clinics on goat production and many Land Grant Uni-

versities are not providing educational clinics or considering very many goat research projects, which is an important issue for producers. Yet the demand for goat meat in the United States is growing and will continue to grow as the demographics of the country change. Education of producers and protection from Animal Rights Activists are a concern, since many non-agricultural people look at goats as pets, rather than livestock; some producers are also raising goats, to sell as pets rather than as dairy or meat producers. This gray area in the goat industry will cause problems further down the line, if these issues are not addressed or at least discussed sooner, rather than later. Another branch of the goat industry becoming more popular which is a unique opportunity to educate the public about animal agriculture is the goat rental/goat grazing services. Most livestock is raised for production (cattle, swine, sheep, chicken/turkeys); or performance (horses); add goats as a service industry and you will see there are issues many haven't even begin to imagine but could affect the livestock industry. It is up to the educated producers and agriculture organizations, to seek out solutions to the potential problems that are now starting to surface in the goat industry, to provide producers protection and education of proper animal husbandry practices as well as helping producers educate the public.

There are goat producers who raise goats on a large scale, throughout the United States and most have been producing goats for many years but the growing number of backyard breeders and homesteaders are getting into the goat industry because goats are relatively cheap and small enough to raise on small acreages. Many of the small produc-

ers have little or no livestock experience and are raising goats as pets, then realizing they either need to butcher them or sell them for butcher. What little education they have on raising goats is from books purchased in Tractor Supply Stores or from social media, such as Facebook, that is sharing outdated or information that is 1) absolutely wrong, or 2) inhumane. Many backyard producers are unaware of the Scrapies program through the USDA and when they do learn about it, are unwilling to learn more about the importance of this program, for fear of governmental control; failing to realize it is in place to protect all producers.

Other issues concerning the industry, is animal health. Many backyard producers are unaware of withdrawal periods on antibiotics, de-wormers and other drugs. Unless a veterinarian has explained the reasons for withdrawal, the producer has little need to abide by the regulations, which will ultimately affect all animal agriculture. Some programs to promote Quality Assurance are becoming available but we need to have a better outreach program, to promote the necessity of participation. Just hoping people will learn about these issues is not enough, the need for outreach is now, before the Animal Rights Activists find ways to distort the truth and get the advantage over the industry.

Finding veterinarians who are willing to provide services to goat producers is like trying to find someone willing to kiss a rattlesnake. Horror stories of goat owners who have sick goats and end up resorting to a small animal vet for an emergency caesarean, who charges thousands of dollars for what a large animal veterinarian would charge a few hundred dollars for. Or worse yet, refuse to even provide services to a farmer in need of assistance. Veterinarian medicine needs to step up and offer more courses, in goat medicine/production. For most producers, the loss of a goat is a loss

of income, even if it isn't worth as much as a cow.

When something goes wrong in livestock production, and it usually does, the news media jumps into overdrive, causing knee-jerk responses and calls for the end of animal production. With the large number of producers who are not trained in animal husbandry, there is a very good chance that things will go wrong and someone will find out about it and the attack begins, first with the producer, then with the whole industry. The need for more research and distribution of that research is greatly desired by all producers. The growth of the goat industry will demand more from research and the livestock industry as a whole, we need to prepare and use the struggles from the past, to help this industry grow.

The attack by Animal Rights Activists threatens all livestock industries. When one industry falls prey to these fanatics, we are all under attack. Recently, one producer in Tennessee came under attack for having her goats fenced out on a property and the temperatures were under, 50 degrees. A neighbor woman brought blankets out for the goats, since it was so cold. When the producer explained that the goats were able to handle the cold, they turned on the producer and reported her to Animal Control. When the producer proved no laws were being broken, that the tent set up for the guardian dog was adequate, the Animal Control officer was angry and threatened to take the goats and dog.

The Animal Rights threat is real to the goat industry as many producers have started using their goats as a way to produce a secondary income, by renting their goat herds for weed and brush control. The producers are bringing the farm to the city, so to speak, and few city dwellers have the common sense to understand that producers do care and work hard to ensure the safety as well as the well-being of their herds. False accusations by groups such as PETA (People for the Ethical Treatment of Animals) and HSUS (Humane Society of the United States) can quickly shut down the goat rental businesses, which are a wonderful benefit to the environment, by using natural means to control brush and weeds.

In order to address the needs of the goat industry, leadership and education is the first step. Finding ways to share research and to promote the industry, in

part and in whole, will require more than just the producers. It will require the livestock industry as a whole, to assist, by sharing experiences of the other industries as well as developing a way to protect the industry and all livestock production from unnecessary attacks by groups who wish to abolish animal agriculture.

The gray lines between producers who raise goats for pets versus producers who raise meat goats for the consumer is a slippery slope. Most pet producers refuse to even consider using their goats for meat production, yet they are part of animal agriculture and they face the same issues. Health issues, such as worms that are quickly becoming resistant to de-wormers are a major concern. There are few drug companies who consider the goat industry worthy of research, leaving the producers to try and discover how to resolve this issue. Veterinarians are little help in some instances and treat the goats similarly to cattle, with deadly results. In my opinion, no other species of livestock has been ignored by drug companies, like the goat.

The demand for goat meat will continue to grow as the demographics of the United States changes. Producers are not able to produce enough meat, forcing the United States to import from other countries, some of whom have few safety standards for meat inspection. Can the United States afford to ignore the goat industry? Can the animal industry afford to turn a blind eye to the consumers who want goat meat? If we address the few issues faced by goat producers now, we can find ways to avoid major issues later.

Mary Powell is a meat goat producer from Hunter and operates the only goat rental business in Kansas. Mary, her four border collies and her Barnyard Weed Warriors travel to various sites in Kansas, so her herd of 75 meat goats can have their way with the brush, weeds and invasive trees, including sericia lespedeza, poison ivy, cedar, mulberry, blackberry and elm trees.

She has a bachelor's degree in Animal Science from Kansas State University, in livestock production management.

If you wish to learn more about the goat rental business, or visit about the goat industry, you may contact Mary through Face book: Barnyard Weed Warriors, Email: barnyardweedwarriors@yahoo.com or phone 785-531-0331.

**BL** **100 Angus-based Black Bred Heifers consigned to the JC Livestock Sale for Wednesday, Dec. 5, 2018**



**Pelvic measured ~ Vaccinated  
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**MINNEAPOLIS LOCATION:** James Carr: 785-630-0491

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

Report from November 14th, 2018

STEERS					
3	353	200.00	11	706	147.00
5	395	184.00	9	631	146.00
3	425	170.00	22	644	142.00
14	566	166.00	21	651	138.50
34	585	163.00	6	696	138.50
16	696	160.00	6	659	135.50
19	646	159.25	13	750	133.00
19	684	158.50	17	722	131.75
45	661	158.00	14	838	128.50
21	683	155.00	4	963	124.50
38	777	155.00	<b>TOP BUTCHER COW:</b> \$68.00 @ 1,845 lbs.		
10	783	154.50	<b>TOP BUTCHER BULL:</b> \$68.00 @ 2,030 lbs.		
8	768	151.75	<b>BRED COWS:</b> NO TEST		
6	848	148.50	<b>BRED HEIFERS:</b> \$1,250-\$1,450		
5	988	138.00	<b>FALL PAIRS:</b> \$1,130-\$1,850		
11	947	134.50	<b>HOGS:</b> NO TEST		
HEIFERS					
6	337	169.00			
4	383	165.00			
11	392	160.00			
4	444	152.00			

NO SALE WEDNESDAY, NOV. 21st due to Thanksgiving  
 We will be back to our regular schedule Nov. 28th

**CONSIGNMENTS FOR WED., DEC. 5:**  
 100 Angus X 1st calf Spring bred hfrs AI & cleaned up w/ LBW Angus bulls. All shots & vacc., Blythes Family Farm.  
 20-20 Ang X Fall pairs. Cows 7+, calves sired by Lyons bulls.

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 November 13th, 2018

STEERS					
1	255	176.00	1	375	146.00
1	420	170.00	6	731	139.50
4	459	161.00	7	526	139.00
8	578	159.00	6	708	136.00
12	659	155.00	5	626	134.00
2	738	150.00	<b>TOP BUTCHER COW:</b> \$68.00 @ 1,670 lbs.		
13	770	149.25	<b>TOP BUTCHER BULL:</b> \$70.00 @ 1,795 lbs.		
6	694	140.50	<b>BRED COWS:</b> NO TEST		
4	805	139.50	<b>HEIFERS</b>		
2	983	127.00	1	305	154.00
			<b>PAIRS:</b> \$1,250		

NO SALE TUESDAY, NOV. 20th  
 due to Thanksgiving Holiday  
 Next Sale November 27th



**EMPORIA LIVESTOCK SALE CO.**  
 Bonded & Insured

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

Date: 11/14/18. Total Head Count: 1,076.  
 COWS: \$51-60.00; \$41-\$50.75; \$40 & down.  
 BULLS: \$65.00-72.00.

BULLCALVES	
6 Spot.....	352@116.00
12 Spot.....	498@108.00
17 Spot.....	621@109.00
4 blk.....	388@150.00
5 Spot.....	352@102.50
7 mix.....	474@139.00
5 blk.....	488@137.00
12 Spot.....	481@103.00
5 blk.....	505@151.00
12 bkbw	508@149.00
24 bkbw	597@145.50
10 mix.....	594@138.00
15 blk.....	565@135.00
6 blk.....	590@132.50
5 mix.....	539@131.00
8 mix.....	570@100.50
10 bkbw	682@138.50
10 blk.....	623@136.00
4 blk.....	610@133.50
5 mix.....	603@133.00
4 blk.....	654@130.00
16 blk.....	643@129.00
6 blk.....	741@139.25
8 mix.....	726@137.00
6 bkbw	736@125.00
8 blk.....	810@139.00
5 blk.....	501@166.00
STEERS	
11 bkbw	549@165.00
8 blk.....	540@155.00
6 blk.....	541@154.00
4 blk.....	549@153.00
7 blk.....	544@151.00
8 mix.....	569@149.00
6 blk.....	573@142.00
5 blk.....	599@142.00
26 blk.....	684@148.50
7 blk.....	635@142.50
24 bkbw	655@139.75
5 blk.....	664@137.00
6 mix.....	673@136.00
11 mix.....	771@153.00
68 mix.....	772@153.00
5 bkbw	714@148.00
8 mix.....	784@147.75
4 blk.....	720@136.00
5 blk.....	787@135.00
13 blk.....	744@134.50
27 bkbw	751@134.50
8 mix.....	734@134.00
56 mix.....	847@150.10
16 mix.....	853@147.00
71 mix.....	808@145.00
123 mix...	837@143.50
5 mix.....	812@138.50
19 mix.....	933@144.25
10 mix.....	904@142.00
62 mix.....	905@141.00

**EARLY CONSIGNMENTS FOR NOV. 28**  
 • 30 blk str & hfrs, 2 rds shots & 40 days weaned, 550-700 lbs

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 To see more consignments go to: [emporialivestock.com](http://emporialivestock.com)

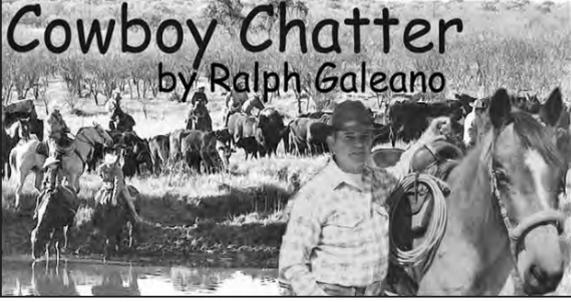
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# Cowboy Chatter

by Ralph Galeano

## Steamboat

“Bucking was his business”

Steamboat was foaled near Chugwater, Wyoming in 1896. He was jet-black with three white socks and was the offspring of a Percheron stallion and a Mexican hot-blood mare. He was destined to become one of the most famous horses in Wyoming history. He was born to buck and became a legend in the American West.

The horse was sold to the Swan Land and Cattle Company that had holdings extending across three counties in Wyoming. The Swan cowboys would break the colts out on the range and put

enough rides on them to start using the young horses for ranch work. Jimmy Danks was the first man to ride Steamboat and gave him the name that would live on in Wyoming history.

When the cowboys castrated the young horse, he slammed his head so hard against the ground that he broke a bone in his nose. That injury caused him to breathe with a whistling sound that sounded like a steamboat's whistle so Jimmy Danks named the young horse Steamboat.

Candy and Flossie Moulton researched the history of Steamboat. In their book, *Steamboat:*

Legendary Bucking Horse, Moulton quotes Jimmy Danks describing the first time he rode the horse in 1900.

“We worked them colts out when we got ahold of Steamboat. Why I bitted him several times in the corral and rode him about four times in the corral. He was kind of stubborn and I would get right on to him and he would just stand there and when you screwed him a little bit with the spurs he would go to buck and when he bucked, he bucked hard. And so I decided I would take him out there one day. When he came out of the corral he looked that way and this way. He blew up at me and we had one of the damndest saddle fights you ever saw.”

“Sloan opened the gate and when we came out of the barn the horse looked up at me and went to buckin’. He was bucking pretty hard, too. I had to grab the horn, he tore me loose from there and I gave up the elbow. He went around and around. He threw me this way

and that and I thought, well here I go. He went out across the field toward the fence and irrigation ditch. He went about one hundred yards and stopped and he didn't hit the fence or the ditch on the other side. He got along to a flat and I got along with him all right from there on. Later, I said to Sloan ‘Thought you were going to haze for me,’ and he said he was too busy watching the horse buck,”

Danks and Sloan tried to tame him but he was a buckler and hard to ride. He was unsuited for a using horse so he was sent to the rodeos and first came on the scene at the Festival of Mountain and Plain in Denver in 1901.

He was a powerful buckler and his reputation spread across the region. Over the next dozen years, Steamboat bucked his way to fame as he threw the top riders of the day into the dirt and gave those who had the ability and determination to stick with him the ride of a lifetime.

In the rodeo arena, he stood still while he was

being saddled but once turned loose; Steamboat usually squatted down before he started bucking. He bucked hard and fast with ramrod stiff legs that hit the ground like pile drivers that punished riders.

Steamboat was soon the main attraction at Denver and Cheyenne's Frontier Days Rodeo. He became the undisputed champion of the buckers and for the next eight years or so was known as The King of the Buckers. He was voted Worst Bucking Horse of the year at Cheyenne Frontier Days Celebration in 1906 and 1907. He was called “Old Outlaw Horse” and “the worst to come off the range in many a year” by newspaper writers of that same era. He was at the pinnacle of his career around 1907.

Steamboat's ability as a buckler would have been long forgotten except for the fact that he was the horse depicted on the University of Wyoming's cowboy logo in 1921. The design was taken from a photo made by University

Professor B. C. Buffum in 1903 of Guy Holt on Steamboat at the Albany County Fair and has been called the classic bucking horse photo of all time.

Legend has it that Steamboat is the bucking horse on the Wyoming automobile license plates; there is no conclusive evidence that is true but there is a definite likeness to Buffum's photograph and the horse and rider on the plates.

There is a 14-foot statue of Steamboat by Cody, Wyoming artist Peter M. Fillerup that was placed permanently at the University of Wyoming in 1990 to commemorate the state's centennial. The rider on the horse is a composite of all the early day cowboys who rode Steamboat. The cowboy of Fillerup's creation has angora chaps flying and hat in hand. The statue is named “Fanning A Twister—Steamboat.”

Contact Ralph Galeano at [horseman@horsemanspress.com](mailto:horseman@horsemanspress.com) or [www.horsemanspress.com](http://www.horsemanspress.com)

# USDA NASS to collect 2018 crop production and stocks data

As the 2018 growing season comes to an end, the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will contact producers nationwide to gather final year-end crop production numbers and the amount of grain and oilseeds stored on their farms. At the same time, NASS will survey grain facility operators to determine year-end off-farm grain and oilseed stocks.

“These surveys are the largest and most important year-end surveys conducted by NASS,”

explained NASS's Kansas state statistician Doug Bounds. “They are the basis for the official USDA estimates of production and harvested acres of all major agricultural commodities in the United States and grain and oilseed supplies. Data from the survey will benefit farmers and processors by providing timely and accurate information to help them make crucial year-end business decisions and begin planning for the next growing and marketing season.”

“Responses to the sur-

vey will be used in calculating county-level yields which have a direct impact on farmers around the state. USDA's Farm Service Agency uses the data in administering producer programs such as the Agricultural Risk Coverage (ARC) included in the 2014 Farm Bill, and in determining disaster assistance program calculations,” said Bounds. “NASS cannot publish a county yield unless it receives enough reports from producers in that county to make a statistically defensible estimate.

So, it is very important that producers respond to this survey. In 2017, NASS was unable to publish several large producing counties due to an insufficient number of responses.”

“As required by federal law, all responses are completely confidential,” Bounds continued. “We safeguard the privacy of all respondents, ensuring that no individual operation or producer can be identified. Individual responses are also exempt from the Freedom of Information Act.”

Survey results will be

published in several reports, including the Crop Production Annual Summary and the quarterly Grain Stocks report, both to be released on January

11. These and all NASS reports are available online at [www.nass.usda.gov](http://www.nass.usda.gov). For more information call the NASS Kansas Field Office at 800-582-6443.

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Cattle Auction- Every Tuesday at 10:00 a.m.  
Hog/Sheep/Goat Auction- Every 3rd Saturday  
Horse/Tack Auction- Every 1st Saturday

**Results From November 13<sup>th</sup> Sale:**

Steers:		Heifers:	
300-400#	\$171.00-\$211.00	300-400#	\$120.00-\$163.00
400-500#	\$157.00-\$210.00	400-500#	\$125.00-\$171.00
500-600#	\$120.00-\$169.00	500-600#	\$122.00-\$159.00
600-700#	\$110.00-\$160.00	600-700#	\$116.00-\$144.00
700-800#	\$116.00-\$144.00	700-800#	\$116.00-\$143.00
800-900#	\$120.00-\$139.00	800-900#	\$125.00-\$137.00
900-1000#	\$122.50-\$129.00		

**Tues., Nov. 27<sup>th</sup> - Holstein Special**  
**Sat., Dec. 1<sup>st</sup> - Horse & Tack Sale**  
**Tues., Dec. 11<sup>th</sup> - Calf/Yearling Special**

## BELLEVILLE 81 LIVESTOCK SALES

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**SPECIAL BRED HEIFER, BRED COW SALE WITH SLAUGHTER COWS FRIDAY, NOVEMBER 23**

55 red Angus hfrs, 1,100 lbs Al Feb. 1st 45 days; 10 blk hfrs 1,100 lbs Al Feb. 1st 45 days; 10 blk hfrs, Al 1,000 lbs; 25 blk hfrs, bred; 13 blk red cows, 6 yrs w/ 60 day old calves; 30 blk hfrs, 3-5 yrs, Feb.; 40 blk hfrs, 8+ Feb.; 3 blk cow, calf soon; 15 blk cows, bred; 50 blk hfrs bred blk, Feb-March; 7 blk cows, bred; 24 blk bred hfrs, Al to OCC Piper 762P #14940742. Cleaned up w/ AR 265 Balance 4007 #17914228. Piper is a full brother to the great calving ease bull OCC Homer 650H. These hfrs are one iron, big ribbed & shapely. Pelvic measured, 1st rd scour guard, poured & wormed. Start calving Feb. 6th, Lee Holtmeier, 785-747-7007; 26 Al to OCC Picture Perfect 738P #14940739. Picture Perfect has a -1.1 b.w. EPD w/ a huge +SEN, EPD of +29.85. Cleaned up w/ a Charlo X Emblazon bull. Moderate framed, big ribbed bred hfrs. If you are looking for a total grass program, these hfrs will flourish. This is the kind. 1st rd scour guard, poured & Multi Min. start calving Feb. 27th. Lee Holtmeier, 785-747-7007.

**CATTLE SALE FRIDAY, NOV. 30TH:**  
55 blk, 670-800 lbs; 90 CharX, 400-650 lbs thin; 130 blk, 550-675 lbs.

**ANNIVERSARY CATTLE SALE: FRIDAY, DECEMBER 7TH**

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*Serving the Midwest Livestock Industry for 67 Years!*

**\*\*\*\*STARTING TIME: 12:00 NOON\*\*\*\***

**MARKET REPORT FOR TUESDAY, NOVEMBER 13, 2018**  
RECEIPTS: 1882 CATTLE  
**VIEW FULL RESULTS ON OUR WEBSITE.**

STEERS			
3 blk strs	401@192.50	12 bwf rfwf strs	782@137.50
4 blk strs	393@190.00	6 bwf rfwf strs	851@133.50
7 blk red strs	380@188.00	7 rfwf strs	845@132.50
5 blk strs	489@183.00	4 blk bulls	745@126.00
25 blk strs	509@183.00	<b>HEIFERS</b>	
25 blk strs	518@182.25	4 blk hfrs	303@177.50
13 blk strs	512@182.00	5 blk hfrs	442@165.50
13 mix strs	440@173.50	7 bwf red hfrs	426@162.50
5 blk strs	543@171.00	7 blk red hfrs	410@161.00
9 blk char strs	535@170.00	12 mix hfrs	463@159.00
9 blk bwf strs	538@164.50	6 blk hfrs	473@154.00
20 blk strs	587@162.50	24 blk hfrs	520@150.75
9 blk strs	558@162.00	4 blk hfrs	692@146.00
24 blk red strs	635@159.75	5 blk red hfrs	541@145.50
15 blk bwf strs	574@159.00	6 blk hfrs	505@145.00
21 blk strs	580@157.50	7 blk hfrs	705@144.00
13 blk strs	513@157.00	18 blk char hfrs	693@144.00
10 blk red strs	564@156.50	6 blk hfrs	634@140.50
13 blk bwf strs	627@153.50	13 blk hfrs	558@139.50
10 char strs	604@153.00	15 blk hfrs	602@139.50
11 blk strs	851@153.00	8 blk red hfrs	918@139.00
18 blk red strs	648@152.00	15 blk hfrs	659@139.00
13 blk bwf strs	666@151.50	13 blk bwf hfrs	738@138.50
15 blk bwf strs	650@151.00	7 blk hfrs	825@137.50
7 blk strs	673@149.00	12 bwf rfwf hfrs	541@137.00
22 blk char strs	729@148.00	14 blk red hfrs	599@136.50
4 blk strs	787@147.00	11 blk bwf hfrs	650@136.00
5 blk strs	768@145.50	5 bwf rfwf hfrs	561@133.50
14 blk bwf strs	721@145.00	12 mix hfrs	736@133.50
15 blk strs	770@143.00	4 rfwf hfrs	891@131.50
13 blk strs	785@140.50	9 rfwf hfrs	743@130.50
12 char strs	769@139.00	13 bwf rfwf hfrs	756@128.00

**DECEMBER 4: SPECIAL 67TH ANNIVERSARY CALF & YEARLING AUCTION: 12 Noon.** Will be Hosting The 2018 Livestock Marketing Association's World Livestock Auctioneer Champion, Jared Miller, Leon, Iowa. **Please Plan To Come And Spend The Day With Us. FREE MEAL BEGINNING AT 11 A.M.**

\*\*\*  
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**Market Report - Sale Date 11-15-18, 1,219 Head.**

300-400 lb. steers, \$125-\$181; heifers, \$110-\$169; 400-500 lb. steers, \$120-\$177; heifers, \$100-\$152; 500-600 lb. steers, \$120-\$163; heifers, \$90-\$141; 600-700 lb. steers, \$115-\$158. Trend on Calves: Choice Steer & Heifer Calves, steady; fat unweaned Steer & Heifer Calves, \$5 lower. Trend on Feeder Cattle: No Feeder Steers or Heifers for a market test. Butcher Cows: High dressing cows: \$50-\$63; Avg. dressing cows: \$37.50-\$50; Low dressing cows: \$20-\$37.50. Stock Cows: Bred Cows \$700-\$1,480; Cow/Calf Pairs, \$800-\$1,675. Butcher Bulls: Avg. to high dressing bulls: \$57.50-\$75. Trend on Cows & Bulls: Butcher Cows, steady to \$2 higher; Butcher Bulls, steady.

**We will be CLOSED for THANKSGIVING Next Week.**  
Enjoy your Family & Remember To Forget The Turkey & EAT BEEF! See Y'all November 29th!

**EARLY CONSIGNMENTS FOR THURSDAY, NOVEMBER 29:**

- 35 spring calves, not weaned, 500-600 lbs.
- 90 steers & heifers, weaned 65 days, 2 rounds shots, 600 lbs.

We welcome your consignments!  
If you have cattle to consign or would like additional information, please call the office at 316-320-3212

**Check our website for updated consignments: [www.eldoradolivestock.com](http://www.eldoradolivestock.com)**

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**Cattle Sale Every Thursday 11:00 AM**

## Eureka Livestock Sale

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620-583-5008 Office 620-583-7475

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

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On Thursday, November 15, we had 1,301 head of cattle on a very active market.

STEERS			
2 bkred 363@195.00	10 bkred 658@147.00	21 bkred 619@145.00	
8 blk 413@190.75	54 bkChr 969@146.00	5 bk bkwf 666@144.50	
3 bkred 535@181.00	5 blk 616@146.00	5 bkred 677@143.00	
3 red 517@178.50	15 bkwf 682@145.75	6 bkred 511@142.50	
16 blk 543@174.75	56 mix 931@145.70	5 bkChr 717@140.00	
7 bkX 433@165.00	13 bkred 783@145.00	12 blk 521@138.75	
50 bkwf 746@162.00	10 bk bkwf 632@144.00	5 bkred 652@138.00	
8 bk bkwf 559@160.00	11 blk 644@143.00	21 bkwf 645@137.00	
60 bk bkwf 826@158.25	11 blk 921@142.00	24 bkwf 562@137.00	
17 Ang 809@154.75	60 mix 953@136.00	8 Brang 852@137.00	
7 blk 794@152.00	<b>HEIFERS</b>		
8 blk 764@152.00	2 blk..... 403@160.50	11 bkwf 565@134.50	
33 Ang 625@150.25	8 blk..... 444@158.00	6 bkChr 652@133.00	
60 Ang 904@150.10	8 blk..... 414@157.25	3 bk bkwf 775@130.00	
12 bkChr 674@150.00	6 bkwf... 427@147.00	<b>FLESHY HEIFERS</b>	
16 bkred 662@149.50	12 Ang... 541@145.75	60 mix 934@126.00	<b>BULLS</b>
8 bk bkwf 584@148.00	7 bkChr... 723@145.50	4 Brang 634@135.00	
10 bk bkwf 738@147.00	16 bk bkwf.....	486@145.00	

**Butcher Cows: \$30-\$60.50, mostly \$45-\$55.00, steady & active.**  
**Butcher Bulls: \$65-\$72.50, mostly \$68-\$72.00, steady to \$2 higher & active.**

BUTCHER COWS		BUTCHER BULLS	
1 blk 1200@60.50	1 blk 1775@72.50		
3 blk 903@60.00	1 wf 1965@72.50		
1 blk 1355@58.50	1 blk 1905@72.00		
1 blk 1360@58.00	1 blk 1700@72.00		
1 blk 1315@57.00	1 blk 1650@72.00		
2 blk 978@56.00	1 blk 1540@72.00		
1 red 1305@54.50			

**NO SALE NOVEMBER 22**

**500 head already consigned for NOVEMBER 29**

We appreciate your business!

**Ron Ervin - Owner-Manager**  
Home Phone - 620-583-5385  
Mobile Cell 620-750-0123  
**Austin Evenson - Fieldman**  
Mobile Cell 620-750-0222  
If you have any cattle to be looked at call Ron or Austin

# Certified Angus Beef opens its house

By Miranda Reiman

For the staff, it was a big family reunion, getting to show extended kinfolk from across the United States the Certified Angus Beef® (CAB®) brand's Wooster, Ohio, home. For Angus breeders, it was a bit like drawing back a curtain to see what happens behind the logo.

"Everything we do here is to drive our mission," said John Stika, CAB president, with a nod toward that goal of building demand for Angus genetics.

He welcomed groups of cattlemen and women to the brand's headquarters on Friday, Nov. 2, as part of the National Angus Tour and again for an open house after the National Angus Convention wrapped up on Monday, Nov. 5.

"We are a full-service marketing organization. Anything our partners need to sell more pounds... we do that here," Stika said.

CAB founding president Mick Colvin recalled some colorful stories that were "stumbling blocks" for the program early on. He brought a firsthand account to near brand-ending board votes and the USDA cancellation. Those hurdles seem like distant

memories now that CAB is in its 12th consecutive year of sales records, amounting to 1.21 billion pounds in Fiscal 2018, he said.

Guests roamed between the main office and Culinary Center, where they got a taste of everyday business as well as literally tasting why the brand they own is so successful.

If breeders wondered what brand assurance was all about before the stop, they understood after Amanda Barstow, director of legal affairs, passed out beef samples during her talk on protecting the trademark.

With a little pressure to rate those samples, people in the small groups shook their heads and admitted it was far from enjoyable. When Barstow revealed it was Select beef sold under a ruse as CAB, she didn't need to emphasize why it's so important to track and verify that businesses identifying their beef with the mark are selling the real deal.

"The only thing we own is this brand," she said. Barstow's team pulls in the reins on reputation-ruining imposters.

Just up the stairs, marketing came to life as volunteers engaged in role playing. A breeder pos-

ing as "Steve from Steve's Steakhouse" was given everything from aprons and knives to social-media training and ad campaigns. The CAB staff kept piling on the tools for retailer and distributor, too.

In another ten minutes, the rotation paused at a big screen watching the "Rare Moments Done Well" commercial and identifying what red bubbles versus green mean in the company's social-media-monitoring software. That illustration showed how the brand leverages positive conversations and helps mitigate negative ones.

They made stops in the art department to talk about the significance of in-house printing, then learned value-added products philosophy in the test kitchen and saw a food photoshoot unfolding frame by frame in the audio-visual studio.

Across the parking lot, The Culinary Center is used to visitors, but 400 during the course of a single day may be a record.

The brand's ten carcass-based specifications came to life when Diana Clark, CAB meat scientist, walked through them one by one with a hanging side of beef to illustrate.

"You don't want to pay for a Cadillac with a scratch on it," she said, describing the reasons for zero tolerance on traits like dark cutters. "This is a premium brand, and we want to have a premium product."

That consistency is what drives value for all who market the product.

"Anybody can sell ribs, strips and tenders," said

Justin Sexten, CAB director of supply development. "We work here to add value to the entire carcass—that's our goal."

In the dining room, Chef Tony Biggs shared bold ideas they've taken to the culinary world, from bringing back the "steamship round" that was popular decades ago to a chuck roll cooked tableside in a cocktail smoker.

"We use The Culinary Center to educate food industry professionals. We teach people how to cook beef; we inspire them with ideas," he said. It's a job they take seriously given what they know goes into the product: "It takes two years to raise and five minutes to ruin (in the kitchen)."

Guests shopped the extensive Black Hide Collection, the company's branded clothing line, display and a free resource room stocked with new rancher-focused educational materials. The team also unveiled its new Cattleman Connection website (CABcattle.com) during the event.

"We could have stayed and chatted for hours," said Erica Siler, Sivue Farms, North Java, N.Y. "It truly is a company whose mission is to help and support the producers who supply the product."

Stika said he hoped people left with pride in their brand and what their quality genetics have accomplished.

"We're not making that many more cattle that fast. Fortunately we're making cattle a whole lot better with the use of Angus genetics," he said.

# Antibiotic stewardship: a conscious choice for U.S. pig farmers

America's 60,000 pig farmers remain committed to using antibiotics responsibly as they take steps each day on doing what's right for the health of people, pigs and the planet. In recognition of the 2018 U.S. Antibiotic Awareness Week and World Antibiotic Awareness Week, Nov. 12-18, America's pig farmers want consumers to realize the continuous improvement and antibiotic stewardship efforts under way. Part of that commitment is participating in the global One Health initiative with organizations including the U.S. Centers for Disease Control and Prevention (CDC).

"Using antibiotics responsibly, under the supervision of a licensed veterinarian, is a part of daily life on pig farms and has been for many years," said National Pork Board president Steve Rommereim, a pig farmer from Alcester, South Dakota. "When it comes to keeping our pigs healthy, we continue to use many management strategies on our farms, including biosecurity measures, vaccinations, housing management and more, to maintain the health and well-being of the pigs in our care."

U.S. Antibiotic Awareness Week, directed by the CDC, is an annual observance to raise the awareness of antibiotic resistance risks and the importance for all sectors - human and animal health and the environment - to responsibly use antibiotics. More than 300 organizations observe Antibiotic Awareness Week, including federal agencies, health departments, professional societies, corporations and advocacy groups. The CDC's educational effort theme - Be Antibiotics Aware: Smart Use, Best Care - is highlighted during the week's activities, but is a year-round effort (see #USAAW18 and #BeAntibioticsAware).

Additionally, the National Pork Board continues its participation and collaboration with the CDC's newly developed Antimicrobial Resistance (AMR) Challenge (#AMRChallenge). This yearlong effort is an avenue for governments, private industries and non-governmental organizations worldwide to make formal commitments to advance the progress to mitigate antimicrobial resistance. The challenge encourages a One Health approach, recognizing that the health of people, animals and the environment is all connected.

"Antibiotics are powerful tools for fighting disease, but if used inappropriately in people, animals or other applications, it can set the stage for antibiotic resistance," said National Pork Board's Heather Fowler, DVM, Pork Checkoff's director of producer and public health. "Although resistance occurs naturally on its own, we recognize the role farming can play in that area. It is critical that farmers use medically important antibiotics only as necessary for the health and welfare of their animals to keep these compounds effective in the future."

Fowler reiterates that for the National Pork Board and America's pig farmers, staying focused on responsible antibiotic use is a year-round effort and not merely during Antibiotic Awareness Week. To understand this more fully, she recommends that people become familiar with the National Pork Board's Antibiotic Use Position that was revised earlier this year.

A prime example of pig farmers' long-term dedication to antibiotic stewardship, public health and animal care is the industry's Pork Quality Assurance® Plus certification program, now in its third decade. The program trains and certifies pig farmers and their employees on all aspects of production. This includes farrowing, health monitoring, facility management, recordkeeping and more. This program is augmented by the third-party Common Swine Industry Audit.

Another example of continuous improving regarding antibiotics is the Checkoff research that U.S. pig farmers have funded, which totals \$6.5 million since 2000. In 2018 alone, the Pork Checkoff funded nearly \$400,000 across multiple research areas to evaluate antibiotic alternatives and other methods to minimize on-farm antibiotic use.

"Everyone has a role in responsible antibiotic use, whether it involves a medical doctor prescribing an antibiotic, a patient completing a dosage regimen or a producer working with a veterinarian monitoring herd health," Fowler said. "It's a lifelong commitment."

You can follow U.S. Antibiotics Awareness Week on social media @CDCgov and @CDC\_NCEZID on Twitter and on Facebook. Be sure to use #USAAW18 and #BeAntibioticsAware.

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## Cattle

By Auction

STARTING TIME  
10:30 AM

Marys

Tuesdays

Wishing Everyone A Wonderful Thanksgiving With Family & Friends!

**We sold 1740 cattle November 13. There was good demand for steer and heifer calves which sold steady to \$5.00 higher. Feeder steers and heifers were steady to \$4.00 higher. Cows and bulls were steady.**

<p><b>STEER &amp; BULL CALVES</b></p> <p>21 blk/char str 415 @ 199.00 2 blk str 353 @ 189.00 29 blk/bwf str 485 @ 187.50 8 blk str 466 @ 182.00 4 blk bulls 323 @ 180.00 3 blk/bwf str 433 @ 177.00 2 blk str 510 @ 171.00 2 blk/bwf bulls 473 @ 170.00 12 blk str 522 @ 169.00</p> <p><b>STOCKER &amp; FEEDER STEERS</b></p> <p>4 blk str 561 @ 170.00 18 mix str 710 @ 168.00 16 blk/red str 595 @ 165.00 19 blk str 700 @ 164.50 8 blk/bwf str 611 @ 160.50 10 blk/bwf str 650 @ 159.75 62 blk/char str 604 @ 159.00 13 blk/char str 619 @ 159.00 6 blk str 635 @ 159.00 6 blk str 635 @ 158.00 5 blk/bwf str 837 @ 158.00 61 blk/bwf str 864 @ 154.75 134 blk/red str 916 @ 154.60 120 blk/red str 929 @ 154.25 5 blk str 722 @ 153.00 58 blk str 901 @ 151.75</p>	<p>11 blk/char str 550 @ 150.00 8 blk/bwf str 608 @ 150.00 58 mix str 976 @ 147.60 16 blk/bwf str 670 @ 147.50 13 x-bred str 701 @ 147.50 11 blk/char str 649 @ 146.00 11 blk str 730 @ 146.00 53 mix str 823 @ 146.00 8 blk str 708 @ 145.50 12 blk/red str 695 @ 144.00 16 blk/bwf str 719 @ 141.75 8 mix str 837 @ 140.00 8 blk/bwf str 922 @ 136.00</p> <p><b>HEIFER CALVES</b></p> <p>10 blk/bwf hfr 404 @ 177.00 11 blk/bwf hfr 425 @ 163.00 3 blk/bwf hfr 465 @ 162.00 5 blk/bwf hfr 458 @ 157.00 33 blk/bwf hfr 496 @ 156.50 4 blk/bwf hfr 468 @ 152.00 9 blk/char hfr 548 @ 145.00 4 x-bred hfr 489 @ 144.00 3 blk/sim hfr 420 @ 143.00 6 blk hfr 542 @ 142.00</p> <p><b>STOCKER &amp; FEEDER</b></p> <p>17 blk hfr 600 @ 154.50</p>	<p>6 blk hfr 783 @ 144.00 19 blk hfr 568 @ 143.50 48 blk hfr 597 @ 143.25 61 mix hfr 822 @ 142.50 15 blk/char hfr 665 @ 142.00 59 blk/bwf hfr 753 @ 142.00 61 mix hfr 768 @ 141.50 10 blk/bwf hfr 814 @ 141.50 7 blk/red hfr 574 @ 141.00 6 blk hfr 592 @ 139.00 16 blk hfr 628 @ 138.00 17 blk/bwf hfr 655 @ 138.00 4 blk hfr 649 @ 135.00 5 blk/red hfr 607 @ 134.50 4 blk/red hfr 689 @ 133.00 12 blk hfr 684 @ 132.75 8 x-bred hfr 605 @ 132.50 7 blk/red hfr 664 @ 132.50 4 blk/red hfr 741 @ 124.75</p> <p><b>COWS &amp; HEIFERETTES</b></p> <p>1 blk hfr 1050 @ 70.00 1 brang cow 1115 @ 66.00 1 blk cow 1760 @ 65.00 1 blk cow 1630 @ 63.00 1 blk cow 1640 @ 62.50 1 bwf cow 1580 @ 62.00 1 blk cow 1050 @ 61.00</p>
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<p>1 bwf cow 1695 @ 60.50 1 blk cow 1675 @ 58.50 1 brang cow 1595 @ 57.50 1 blk cow 1455 @ 57.00 1 brang cow 1620 @ 55.00 1 blk cow 1425 @ 53.00 1 blk cow 1360 @ 52.50 1 bwf cow 1660 @ 50.50 1 sim cow 1505 @ 50.00 1 char cow 1655 @ 45.00 1 bwf cow 1400 @ 44.50 2 blk cows 1180 @ 42.50 1 bwf cow 1245 @ 42.00 3 brang cows 967 @ 41.50 2 blk/bwf cows 1138 @ 41.00 1 char cow 1225 @ 40.00 2 brang cows 1075 @ 39.50 1 blk cow 1250 @ 39.00 1 red cow 1365 @ 38.50 1 sim cow 1300 @ 38.00 1 blk cow 1045 @ 37.50 1 blk cow 1270 @ 36.50 5 brang cows 1017 @ 36.00 1 blk cow 1265 @ 35.50 1 bwf cow 1105 @ 35.00</p>	<p><b>BREED COWS</b></p> <p>1 char cow @ 985.00</p>	<p><b>BULLS</b></p> <p>1 blk bull 2160 @ 70.00 1 brang bull 1520 @ 69.50 1 blk bull 2150 @ 68.50 1 blk bull 1840 @ 68.00 1 char bull 1620 @ 67.50 1 blk bull 1740 @ 66.00 1 red bull 2105 @ 62.50 1 blk bull 2640 @ 60.00</p>
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**CONSIGNMENTS FOR NOVEMBER 20:**

- 1 Angus bull, 15 months old
- 1 SimmAngus bull, 15 months old
- 13 blk cows, 3-6 yrs old, bred to Angus bulls, start calving March 15
- 53 blk str & hfr, 550-650 lbs., weaned, vacc.
- 30 blk str & hfr, 500-600 lbs., weaned, vacc.
- 25 blk steers & heifers, 450-550 lbs., vacc.
- 16 blk str & hfr, 500-600 lbs., weaned, vacc.
- 70 blk heifers, 775-800 lbs.
- 65 black Charolais steers, 850-875 lbs.
- 60 black steers, 900-925 lbs.
- 61 black crossbred steers, 925-950 lbs.

**CONSIGNMENTS FOR NOVEMBER 27:**

- 100 black heifers, 700-800 lbs.
- 125 black steers, 825-850 lbs.
- 140 blk & bwf str & hfr, 450-600 lbs., vacc.

Our CONSIGNMENTS can now be viewed after 12 Noon on Mondays by going to [www.grassandgrain.com](http://www.grassandgrain.com) & logging onto the online subscription

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