



# Schwieterman Market Outlook

A marketing commentary by Bret Crofts

The Cattle On Feed numbers were a bit friendly with the on feed number at 102%, Placements at 99%, and Marketings at 101%. One would not call the numbers bullish, but they can't be called bearish either.

Overall, the cattle market fared well last week. The cash cattle market was firmer, with many cattle trading at \$120. The feeder auctions have been firming as well, and the Feeder Index has been moving up for over a week.

On the charts, the April live cattle went gave up the previous week's gains and retested the recent lows. Critical support is now at the \$116.65 low, and failure there would sug-

gest we are in for a move back to \$110. After last week's gains, I didn't think I would be worrying about the market taking a dive again already. The firmer cash trade should have been more supportive, but it seems like the pressure in the stock market was a more important market factor at the end of the week than anything else.

The feeder futures, at least in the front months, held on better than the live cattle. The March feeders posted an inside day on the chart Friday, and it is difficult to pressure that market when it is below the index and the index is rising. The \$142.50 area looks like a good upside target for the March

contract in the very short run. To get beyond that we will have to have the cash cattle market do better than just \$120.

Action in the corn market was not very promising. Most of the trade last week was choppy and sideways, but Friday most of the contracts from September forward made new contract lows. The December contract has been in a very well-defined down trend for over a month, and neither a good export sales report, nor a sharp drop in the Dollar could help the corn Friday. Traders seem to be convinced that we are not going to see any business from China, and that the bearish projections from USDA and

others calling for 94 million planted acres and a big jump in ending stocks are probably correct. The only thing that will be able to help the corn market in the next couple of months will be larger than expected export sales of either corn or soybeans. Corn sales would obviously take away corn supplies, and bean sales could reduce potential acres.

The wheat market was pretty wild this week. We saw huge gains on Tuesday, which turned out to be a flash in the pan. The July Chicago wheat actually took out Tuesday's high on Friday, which looked very friendly, but by the end of the day the market had reversed lower. The Kansas City contracts never really got close to returning to Tuesday's high, so those charts are looking particularly sad. Just about every wheat contract is below the 50-day moving average, and like the corn, the only thing that can help the wheat at this point is improved demand.

The soybean market

has been in consolidation mode, which in this case does not look good. It looks like the beans are ready for another leg lower. There have been some rumors of Chinese purchases, but since nothing has shown up in the daily or weekly reporting system, the bulls don't have anything concrete to work with. Critical support in the July contract lies at the \$8.95 3/4 level. Failure there would suggest we are in for a run to the contract lows.

Schwieterman, Inc. is a full service commodity brokerage firm. If you would like more information on commodity markets or our brokerage services, contact Bret Crofts at 800-272-9131, www.upthelimit.com or bret@subell.net

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# MANHATTAN

## COMM. CATTLE AUCTION

## CO. INC. EVERY FRIDAY

1-800-834-1029 **STARTING 10:00 A.M. ON WEIGH COWS**

Toll-Free **FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.**

OFFICE PHONE 785-776-4815 • OWNERS MERVIN SEXTON & JOHN CLINE

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

**A large run of homraised cattle found good buyer interest for our sale Friday, February 21st. Grass weight cattle and feeder steers up to 750 lbs. were selling at fully steady to strong prices. Heavier feeder weight steers were also selling steady with the heavy heifers carrying extra flesh selling weaker. Cull cows were selling steady on the kind offered.**

**STEER CALVES**

Summerfield	12 Cross	450@193.50
Olsburg	6 Cross	380@193.00
Council Grove	32 blk	524@191.75
Summerfield	48 Cross	521@190.25
Council Grove	10 blk	398@189.00
Silver Lake	6 Cross	510@180.00
Frankfort	10 blk	454@176.00
Easton	7 blk	499@160.00

**STEERS**

Summerfield	30 Cross	586@179.00
Barnes	24 blk	603@172.00
Frankfort	13 blk	589@171.00
Goff	6 blk	570@171.00
Green	8 blk	638@170.50
Green	23 blk	640@170.00
Burlingame	12 blk	617@166.50
Hesston	7 Cross	592@166.00
Council Grove	54 blk	638@165.50
Green	6 blk	550@165.00
Goff	10 blk	652@162.50
Onaga	13 blk	683@158.00
Vermillion	19 blk	674@158.00
Vermillion	10 blk	710@157.50
Burlingame	18 blk	718@157.50
Manhattan	11 Cross	614@157.00
Lancaster	23 Ang	712@154.00
Green	32 blk	747@153.75
Onaga	28 blk	757@153.50
Randolph	10 blk	711@153.50
Tonganoxie	9 Ang	726@153.00
Frankfort	17 blk	618@153.00
Eskridge	10 Cross	647@153.00
Eskridge	16 Cross	740@152.50
Barnes	17 Cross	745@152.50
Frankfort	33 blk	732@151.50
Vermillion	26 Heref	671@150.50
Vermillion	13 Heref	633@150.50
Goff	11 blk	635@150.50
Leonardville	29 blk	763@149.50
Frankfort	19 blk	754@149.00
Burlingame	21 blk	807@144.60
Green	6 blk	801@144.50
Goff	44 blk	783@144.25
Lancaster	10 blk	794@144.00
Atchinson	15 Cross	771@143.50
Goff	8 blk	826@143.00
St. George	36 blk	792@141.75
Atchinson	7 Cross	689@140.00
Council Grove	11 blk	890@138.25
Goff	11 blk	865@136.75
Atchinson	6 Cross	604@135.00
Clifton	63 Cross	825@134.35
St. George	30 blk	903@134.00

**HEIFER CALVES**

Frankfort	14 blk	361@170.00
Lecompton	8 blk	425@169.00
Summerfield	33 blk	485@166.50
Frankfort	8 blk	461@163.00

Frankfort	32 blk	486@162.50
Barnes	23 Cross	518@158.00
Summerfield	26 Cross	414@158.00
Burns	13 Cross	499@154.50
Green	6 blk	549@154.50
Eskridge	6 blk	543@150.50
Manhattan	6 Cross	470@149.00
Frankfort	6 Cross	528@147.00
Vermillion	9 Cross	536@144.00
Hesston	7 Cross	546@143.00

**HEIFERS**

Frankfort	52 blk	559@154.25
Summerfield	24 blk	564@154.00
Lancaster	6 blk	589@153.00
Barnes	8 blk	603@153.00
Summerfield	7 Cross	567@153.00
Vermillion	13 blk	641@151.00
Goff	6 blk	570@149.00
Goff	9 blk	655@145.00
Green	12 blk	620@144.00
Olsburg	49 Cross	703@143.50
Hesston	14 Cross	655@143.00
Green	7 blk	682@142.50
Vermillion	13 blk	681@142.00
Wamego	7 blk	633@142.00
Goff	10 blk	665@141.50
Eskridge	13 blk	651@141.00
Green	14 blk	683@140.50
St. George	9 blk	670@140.00
Olsburg	10 Cross	624@140.00
Lancaster	14 blk	682@138.50
Randolph	8 blk	686@138.50
St. George	14 blk	780@138.00
Leonardville	13 blk	706@137.50
Olsburg	7 Char	855@136.50
Frankfort	22 blk	725@133.00
Council Grove	9 Heref	798@131.50
Manhattan	10 blk	788@131.50
Leonardville	6 blk	640@131.00
Goff	32 blk	786@129.75
Atchinson	6 blk	654@127.00
St. George	7 blk	806@121.50

**COWS & HEIFERETTES — 775-1,750 LBS**

Manhattan	1 blk	880@120.00
Blue Rapids	2 bwf	855@118.00
Manhattan	1 blk	940@110.00
Manhattan	1 Cross	1030@100.00
Manhattan	1 blk	950@91.00
Allen	1 blk	970@79.00
Lancaster	1 blk	1750@67.00
Manhattan	1 blk	1700@66.00
Lancaster	1 bwf	1560@64.75
Alma	1 blk	1295@63.00
Lancaster	1 blk	1690@63.00
Onaga	1 blk	1355@61.00
Havensville	1 blk	1430@59.00
Blue Rapids	1 blk	1000@59.00
Riley	1 blk	1635@57.00
Atchinson	1 blk	1165@56.00
Havensville	1 blk	1675@55.00
Waterville	1 blk	1285@54.50
Havensville	1 bwf	1210@53.00
Riley	1 blk	1690@53.00
Onaga	1 blk	1500@52.00
Frankfort	1 blk	1275@50.00
Americus	1 blk	1150@50.00
Havensville	1 blk	1300@48.00
Havensville	1 blk	1180@47.50

Riley	1 blk	1545@46.00
Wamego	1 blk	1115@45.00
Wamego	1 blk	1380@45.00
Atchinson	1 blk	795@44.00

**BULLS — 1,425-2,225 LBS.**

Leonardville	1 blk	2165@85.50
Vermillion	1 blk	2220@85.00
Vermillion	1 blk	1835@84.50
Vermillion	1 blk	1485@80.00
Vermillion	1 blk	1440@79.00

**BABY CALVES**

Clay Center	1 Cross	@500.00
Morganville	1 Cross	@440.00
Riley	4 blk	@400.00
Riley	3 blk	@400.00
Frankfort	1 blk	@385.00
Riley	1 bwf	@375.00
Westmoreland	1 bwf	@325.00
Frankfort	1 blk	@300.00

**For our special cow sale held Wednesday, February 19th, we had a nice run of bred cows, cow calf pairs and bred heifers. Young cows and heifer pairs with quality and size were finding the most interest.**

**COW/CALF PAIRS**

**AGE BRED**

Dwight	5 blk	3	@2300.00
Dwight	6 blk	3-4	@2250.00
Morganville	4 Rd Ang	3	@1985.00
Dwight	6 blk	5-6 expsd	@1850.00
Dwight	2 blk	4 expsd	@1825.00
Clay Center	5 blk	4-6	@1800.00
Clay Center	2 blk	3-4	@1725.00
Dwight	6 blk	5-6	@1700.00
Clay Center	2 blk	SS 2mo	@1675.00
Morganville	3 blk	4	@1650.00
Paxico	2 Cross	5-7	@1450.00
Dwight	2 Heref	5 expsd	@1400.00
Paxico	4 Cross	7-8	@1300.00
Morganville	2 mix	SS	@1200.00

**1ST CALF HEIFER PAIRS**

**AGE**

Marion	11 blk	2	@2650.00
Dwight	5 blk	2	@2650.00
Marion	5 blk	2	@2600.00
Dwight	5 blk	2	@2600.00
Dwight	5 blk	2	@2500.00
Seneca	5 blk	2	@2400.00
Blue Rapids	3 blk	2	@2100.00

**BRED 1ST CALF HEIFERS**

**AGE BRED**

Allen	30 blk	2	8	@1700.00
Oskaloosa	14 Cross	2	6-8	@1700.00

**EARLY CONSIGNMENTS FOR MAR. 6**

- 10 Bred Holstein hfrs, 800-900 lbs.
- 125 mostly blk, few Red Angus Char cross str & hfrs, dams are NW Nebraska origin, weaned, 2 rds shots, 300-400 lbs.
- 15 fancy Angus cross OCV 1st calf hfrs w/ 30-45 day Conneally Comrade AI sired calves by side. Hfrs 2 rd Scourguard/ poured Dectomax.

**SPECIAL STOCK COW AND BRED HEIFER SALE**

**WED., MAR. 18 • STARTING 11:00 AM**

**1st CALF HEIFER PAIRS**

- 15 gentle blk 1st calf OCV hfrs w/ 30-60 ay blk calves by side, worked, all shots.
- 15 Fancy South Dakota origin Red Angus 1st calf OCV hfrs, all shots, w/ 30-60 day Red Angus calves by side. Worked, all shots.
- 19 Fancy blk 1st calf OCV hfrs w/ Blythe Objective, RHR Dark Knight & Redemption Jan.-Feb. calves by side.
- 30 Fancy Angus cross OCV 1st calf hfrs w/ 30-45 day Conneally Comrade AI sired calves by side. Hfrs 2 rds Scourguard, poured Dectomax. Calves Enforce 1 shots, Ultra 7, Bovishield Gold 5, tetanus, Dectomax, banded.

**BULLS**

- 13 Angus & SimmAngus Fall 18 mo. bulls.

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

**Upcoming Special Stock Cow & Bred Heifer Sale Dates • Wednesdays starting at 11:00 AM**

**2020: March 18 • April 15 • May 6**

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

**FIELD REPRESENTATIVES**

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



# Kansas Hay Market Report

Hay market trade slow to moderate; alfalfa prices remain steady. Current trades are mostly on previously contracted hay with very few new sales reported. However, there are lots of folks looking to sell both grass hay and grinding alfalfa. The pattern of winter weather to warm up continues, dropping just enough snow to make a muddy mess when the temperatures rise. Folks are trying to get into the fields but for many it has been slow going. Little to no snow was received in western Kansas, prompting some limited expansion of the D0 to D2 conditions in those areas. The Drought Monitor, however, was un-

changed in south-central Kansas. Across the state, abnormal dryness (D0) decreased slightly to 20 pct, moderate drought (D1) increased to 5 pct, and severe drought (D2) increased to 5 pct. If you have any extra hay to sell and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

### Southwest Kansas

Dairy alfalfa, ground/delivered, grinding alfalfa steady; movement slow to moderate. Alfalfa: horse, premium small squares 240.00-250.00. Dairy 1.00-1.05/point RFV, Supreme 185.00-226.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow

160.00-165.00. Fair/Good grinding alfalfa, 100.00-115.00. Ground and delivered locally to feed lots and dairies, 150.00-160.00 with an instance at 165.00. Sudan: large rounds 55.00-65.00. Wheat straw: large rounds 40.00-50.00, large squares 65.00-75.00 delivered. The week of 2/09-2/15, 10,704T of grinding alfalfa and 2,266T of dairy alfalfa was reported bought/sold. The average paid by feedlots on February 1 for alfalfa ground and delivered was 153.61, dn 2.62 from the previous month, usage was 617T/day, dn 4.5% and total usage was 19,137T.

### South Central Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, alfalfa pellets steady; movement slow to moderate. Alfalfa: horse, small squares 255.00-275.00. Dairy, 1.00-1.05/point RFV with an instance at 1.10/point RFV, Supreme

195.00-225.00, Premium 175.00-200.00, Good 165.00-175.00. Stock cow, 130.00-150.00. Fair/Good grinding alfalfa, 90.00-105.00. Ground and delivered locally to feedlots 135.00-145.00; Alfalfa pellets: Sun cured 15 pct protein 200.00-205.00, 17 pct protein 205.00-210.00, Dehydrated 17 pct 300.00-310.00. Grass Hay: Bluestem, good small squares 7.00-8.00/bale, large rounds 60.00-70.00, large squares 75.00-85.00. Brome, small squares 7.00-8.00/bale, large rounds 100.00-110.00, lesser quality 70.00-80.00. Sudan: large rounds 60.00-70.00. Oat hay, large rounds, 80.00-85.00. Teff: mid to large squares 140.00-160.00. Wheat Straw: small squares 5.50-6.50/bale, large squares 70.00-75.00, large rounds 55.00-65.00. The week of 2/09-2/15, 5,171T of grinding alfalfa and 693T of dairy alfalfa was reported bought/sold. The average paid by feedlots on February 1 for alfalfa ground and delivered was 142.31, up 8.19 from the previous month, usage was 277T/day, dn 17% and total usage was 8,581T.

### Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow to moderate. Alfalfa: horse or goat, 230.00-250.00. Dairy 1.00-1.05/point RFV. Stock cow 160.00-170.00. Fair/Good grinding alfalfa, 115.00-

125.00. Ground and delivered, none reported; Grass hay: Bluestem, small squares 125.00-140.00, good, mid squares 110.00-125.00, large squares, 95.00-110.00 with an instance at 120.00, large rounds 60.00-65.00. Brome, good, small squares 125.00-150.00, mid to large squares 120.00-130.00, large rounds 70.00-80.00. Wheat Straw: mid and large squares 60.00-75.00, large rounds 55.00-65.00. The week of 2/09-2/15, 2,151T of grass hay was reported bought/sold.

### Northwest Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: Horse or goat, 205.00-215.00. Dairy, Premium/Supreme 1.00-1.05/point RFV. Stock cow, fair/good 150.00-160.00. Fair/good grinding alfalfa, 100.00-110.00. Ground and delivered locally to feedlots and dairies, 125.00-135.00.

### North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa ground/delivered, grass hay steady; movement slow. Alfalfa: horse, premium small squares 9.50-10.50/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock Cow, 150.00-160.00. Fair/good, grinding alfalfa, 100.00-115.00. Ground and delivered 130.00-160.00. Grass hay: Bluestem, small squares

7.00-8.00/bale, mid to large squares 85.00-100.00, large rounds 70.00-80.00. Brome, small squares 7.50-8.50/bale, mid to large squares 115.00-125.00, large rounds 75.00-90.00; Sudan, large rounds 55.00-65.00. Wheat Straw: small squares 5.00-6.00/bale delivered, large squares 100.00-110.00 delivered, large rounds 60.00-70.00. The week of 2/09-2/15, 863T of grinding alfalfa and 228T of dairy alfalfa was reported bought/sold.

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

\*CWF Certified Weed Free

\*RFV calculated using the Wis/Minn formula.

\*\*TDN calculated using the Western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter (TDN showing both 100% & 90%).

Guidelines are to be used with visual appearance and intent of sale (usage). Source: Kansas Department of Agriculture - Manhattan, Kansas. Kim Nettleton 785-564-6709. Posted to the Internet: [www.ams.usda.gov/mnreports/DC\\_GR310.txt](http://www.ams.usda.gov/mnreports/DC_GR310.txt)

## MACHINERY AUCTION

**SATURDAY, MARCH 7, 2020 — 10:30 AM**  
Auction will be held at the farm located 1/2 mile North of IONIA, KS on Highway 128 (7 miles South of Highway 36 & Highway 128 West of MANKATO, KS or 12 miles North of Highway 24 & Highway 128 West of GLEN ELDER, KS)

### TRACTORS, COMBINE & SWATHER

2013 John Deere R450 diesel swather 995 rotary head 15', 462 engine hrs. 367 header hrs (1E0R450XICD390591); 2010 John Deere 9430 4-wheel drive diesel tractor 3pt. PTO, powershift 3543 hrs. (1DW9430P1AP017820); 2001 John Deere 8310 front wheel assist diesel tractor, powershift, weighted, 5711 hrs. with JD 840 loader, 8' deep bucket w/grapple (RW8310P001536); 1997 John Deere 7610 diesel tractor, Power Quad transmission, weighted, 3643 hrs. (RW76108001137); 1982 Case 2090 diesel tractor, powershift, 6591 hrs; Cat D4 diesel dozer w/pony motor has been setting; 1958 John Deere 630 tractor wide front, 3 pt., PTO, hyd; Ford 8N tractor; 2000 John Deere 9650 diesel combine new radial tires, new cylinder bars, walkers (HO9650W685730); 2009 John Deere 925 flex header 25'; 2005 John Deere 930D 30' draper header; John Deere 853 row head needs

center floor; 30' adjustable header trailer w/dolly wheels; 2005 Patriot 220 seed tender; Brent 410 Grain Train 400 bu grain cart.

### SKID LOADER & MACHINERY

2011 John Deere 320 diesel skid steer, cab heat & air, 320 hrs. 6' bucket solid tires; tree shear; post hole digger; 2008 Maclander tandem axle skid loader trailer; 2015 Landoll 6230 tandem disc 36'; 2011 Great Plains 4000HD 40' double disc drill; 2011 Great Plains 8551 field cultivator w/harrow; 2009 Great Plains 1700 Sub Soiler 8 shank; 1996 John Deere 1700 12 row Max Emerge II planter, w/insecticide; Krause 4200 field cultivator 32'; John Deere Wheatland 29'3" tandem disc w/harrow; Mayrath 60' 8" auger w/swing hopper; 12 bale gooseneck big round bale trailer; JD 455 35' disc drill; JD 455 30' disc drill; Spray coupe heavy duty trailer; Donahue 7' x 20' covered gooseneck stock trailer needs work; 3 pt. RW90-7 whirl rake; 500 gal plastic water tank.

### TRUCKS

2008 Dodge Ram 1/2 ton short bed pickup w/hard bed cover, V8, auto, all electric 111,000 miles; 2005 Chevrolet Trail Blazer 8 cy, leather, all electric, 58,368 miles; 1976 Chevrolet C70 tag axle truck, 8 cy, 5 sp, 2 sp, power steering; 18' metal bed w/hoist, 65,947 miles; 1971 Chevrolet C50 truck, 8 cy, 4 sp, 2 sp, power steering; 16' near new metal bed w/power up power down hoist, 32,120 miles; 1975 IHC twin screw truck, 466 diesel engine, 13 speed, power steering; 22' metal bed w/wood floor; Polaris 4 wheel 2 wheel drive; 1957 IHC 1/2 ton 4 wheel drive pickup, 4 speed, 6 cylinder; 1940's Dodge Power Wagon 6 cy, 4 speed; 1986 GMC Sierra 2500 flat bed needs work; 1947 IHC 1/2 ton pickup been setting; 1946 Ford 1 1/2 ton truck has been setting.

**2 trailers of hand tools & antiques inc: forge tools, tin seats, wrenches, jacks, cans, boilers, yard chairs, and other items!**

Note: The machinery is field ready. Check our website for pictures [www.thummelauction.com](http://www.thummelauction.com)

### BUD & JEAN BODEN TRUST NO. 1

For information contact Max Flinn at 785-738-0350

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

## Premium Genetic Bull & Female Sale

Saturday March 14, 2020 ~ 1:00 pm.  
Wamego, KS ~ Kansas Bull Development  
Simmental | Sim Angus™ | Red Angus | Angus



Yearling 3PB Simmental  
ASA# 3567684



Fall Angus  
AAA# 19529202



Yearling 3/4 SimAngus™  
ASA# 3567682



Fall Angus  
AAA# 19527011



Yearling 1/2 SimAngus™  
ASA# 3567712



Fall Bred Angus  
AAA# 19501100



Yearling PB Simmental  
ASA# 3567673



Fall Red Angus  
RAAA# 4143348

20 Simm/SimAngus™, one 3 yr. old- 20 Angus - 10 Red Angus Bulls  
10 Simm/SimAngus™ Heifers, Three 1<sup>st</sup> calf pairs - 10 Angus/Red Angus Heifers

**Dikeman Simmental**  
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# ASA among farm groups launching new resource for D.C. decision-makers

Twenty farm groups representing millions of U.S. farmers are publicly launching Farmers for a Sustainable Future (FSF), a coalition committed to environmental and economic sustainability. This coalition will serve as a primary resource for policymakers as they consider sustainability and climate policies important to agriculture.

The American Soybean Association (ASA) has been involved with FSF since its inception to play an active role in the direction of the new D.C.-based group.

ASA CEO Ryan Findlay explained, "Soybean farmers have an awesome story to tell, including their sustainability initiatives, so it's great to be able to collaborate with like-minded organizations to facilitate sound policy

and program decisions and have a platform to share our efforts."

The coalition will share with elected officials, media and the public U.S. agriculture's commitment to sustainability and the incredible strides already made to reduce agriculture's environmental footprint. As policy proposals are developed and considered, the goal is for the coalition and its guiding principles to serve as a foundation to ensure the adoption of meaningful and constructive policies and programs affecting agriculture.

Farmers are committed stewards of the land, leading the way on climate-smart farming by promoting soil health, conserving water, enhancing wildlife, using

nutrients efficiently and caring for their animals. For decades, they have pushed past the boundaries of innovation thanks to investments in agricultural research and the adoption of practices that improve productivity, provide clean and renewable energy, enhance sustainability, reduce greenhouse gas emissions and sequester carbon.

FSF's guiding principles call for policies that support science-based research, voluntary incentive-based conservation programs, investment in infrastructure, and solutions that ensure vibrant rural communities and a healthy planet. More about the coalition members, guiding principles and sustainability achievements can be found at [sustainablefarming.us](http://sustainablefarming.us).

# Tractor Supply holds annual fundraiser to benefit FFA

Tractor Supply Company continues its efforts to support youth across the country by kicking off the year with its annual Grants for Growing campaign. The fundraiser, which will coincide with National FFA Week, supports hundreds of unique and sustainable agricultural projects implemented by FFA chapters nationwide.

## TAMU's Sharp blasts Harvard actions on meat study

Texas A&M University (TAMU) system chancellor John Sharp called out Harvard and the nonprofit True Health Initiative (THI) recently after Harvard faculty tried to discredit Texas A&M food scientists. Sharp sent an open letter urging Harvard president Lawrence S. Bacow to investigate faculty who he says "mischaracterized scientific research and falsely accused Texas A&M scientists of selling out to industry interests."

The conflict stems from a study published in September in the *Annals of Internal Medicine* that debunks myths around red meat and health.

*Annals* published five systematic reviews — four that included results from randomized clinical trials and observational studies examining the relationship between red meat and health, and a fifth that looked at health-related values and preference about eating meat. Based on the reviews, the authors, including Dr. Patrick Stover of TAMU,

tions can be made in store or online at [TractorSupply.com](http://TractorSupply.com). Each grant will fund projects within the same state the funds were donated in.

"We are committed to the FFA mission of making a positive difference in the lives of our students," said Christi Korzekwa, senior vice president of marketing at Tractor Supply. "Thanks to the passion our

produced a guideline that concluded adults needn't change their meat-eating habits. Prior to the papers being published, *Annals* editor-in-chief Christine Laine, was contacted by Dr. Walter Willett and Dr. Frank Hu, two Harvard nutrition researchers who serve on the THI council of directors. The two doctors wanted Laine to retract the studies prior to their publication, a rare ask in the medical community, and, according to an article in the *Journals of American Medical Association* (JAMA), used automated bots to flood Laine's email inbox, suggesting that the

journal's embargo policy was broken.

Additionally, news coverage criticized the methodology used in the reviews and said that some of the authors had financial ties to the beef industry, but what was overlooked by the media, as JAMA notes, is that Dr. David Katz, founder and head of THI, and many of the THI council members have numerous industry ties themselves — primarily ties with companies and organizations that profit if people eat less red meat and a more plant-based diet.


Sharp points this out in his letter and calls on Har-

vard to make a "serious assessment" of its affiliation with THI, noting that several scientists have severed ties with the group due to these issues.

"Texas A&M asks that Harvard join us for a purely scientific approach to

nutrition for the sake of public health and public trust and reject the politics and unethical actions of THI that have sought to discredit science and interfere in the scientific process," Sharp wrote.

Grants can be up to \$5,000 and will be awarded to chapters on August 1, 2020. For more details about the program, visit [FFA.org/GrantsforGrowing](http://FFA.org/GrantsforGrowing).



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\$970,121, which funded 259 grants and impacted more than 24,000 students across the country. To date, the program has raised more than \$3.2 million for the National FFA Organization and has funded 1,258 grants supporting agricultural projects.

FFA chapters will submit applications later this spring with detailed proposals. Each appli-

cation will include how the chapter would start, maintain or expand on a project that will benefit their local areas as well as both current and future FFA students. In the past, funds have been requested to purchase vegetation, trees, seed, chickens, feed, mulch and tools for projects ranging from livestock shelters, beekeeping and aquaculture labs.

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"Texas A&M asks that Harvard join us for a purely scientific approach to

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**11:30 AM**  
**2/19/20 SALE RESULTS**

COWS & HEIFERETTES		STEERS		BULLS	
Alta Vista, 1 red	1110@79.50	Ramona, 6 blk	598@165.50	Marion, 1 blk	2285@92.00
Marion, 1 red	925@76.00	White City, 6 blk	632@163.00	Herington, 1 bwf	1705@75.50
Tampa, 1 rwf	1375@66.50	Cncl Grve, 10 mix	682@158.50		
Tampa, 1 Char	1205@66.00	Ramona, 9 blk	653@155.50		
Marion, 1 red	1475@65.50	Lncnlvle, 12 mix	674@153.00		
Marion, 1 blk	1870@64.50	Lncnlvle, 16 blk	742@143.00		
Hope, 1 blk	1380@63.50	Burdick, 58 blk	912@134.35		
Hope, 1 blk	1715@63.00	Herington, 60 blk	878@134.00		
Hope, 1 blk	1680@62.50	Lncnlvle, 61 blk	869@134.00		
Marion, 1 red	2050@62.00	Lncnlvle, 29 blk	881@132.50		
Hope, 1 blk	1330@61.00	Lncnlvle, 55 mix	849@132.33		
Jcncn City, 1 blk	1940@60.00	Herington, 62 blk	953@129.50		
		Hope, 55 blk	956@129.00		
		Hope, 169 blk	938@129.00		
		Tampa, 112 mix	929@126.60		

Jcncn City, 15 blk 1025@122.50

**PAIRS - 1<sup>ST</sup> STAGE**  
Alta Vista, 2 blk 1388@1350.00  
Alta Vista, 1 blk 1560@1200.00  
Alta Vista, 3 blk 995@1050.00

**BRED COWS - 1<sup>ST</sup> STAGE**  
Lncnlvle, 5 rwf 1185@1150.00  
Lncnlvle, 4 rwf 1111@1125.00

**BRED COWS - 3<sup>RD</sup> STAGE**  
Burdick, (1) 3yr 1210@1100.00  
Burdick, (1) 4yr 1670@1000.00

**HEIFERS**  
Ramona, 4 blk 501@147.00  
Cncl Grve, 15 blk 759@130.00  
Ramona, 63 blk 834@127.00  
Woodbine, 61 blk 828@126.75

**EARLY CONSIGNMENTS FOR FEBRUARY 26**

- 65 blk str, home raised, LTW, shots, 875-900 lbs.
- 120 blk Red str, home raised, LTW, shots, 850 lbs.
- 67 blk Char X hfrs, home raised, LTW, shots, 850 lbs.
- 120 mostly blk str, 875-900 lbs.
- 53 blk Char X str, home raised, LTW, shots, 825 lbs.
- 30 blk str & hfrs, home raised, LW, shots, 550-750 lbs.
- 60 mostly blk str, 900 lbs.
- 30 blk Red hfrs, home raised, LTW, shots, 750 lbs.

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**TUESDAY, MARCH 10, 2020 — 10:00 AM**  
Auction will be held at the farm located 1/2 mile East of 281 Highway on 250 Road (8 miles South of Smith Center, KS or 1 mile North of Highways 9 & 281)

TRACTORS, COMBINE & TRUCKS	MACHINERY	CATTLE EQUIPMENT & OTHER
IHC 1486 diesel tractor 3 pt, dual hyd, w/3100 Dual loader 6' bucket; John Deere 6620 diesel combine w/220 header; IHC M wide front tractor older restoration; IHC 706 diesel tractor fast hitch values stuck; Cockshut E 2 & E 3 tractors been setting; 1973 IHC Loadstar 1600 truck, 5 sp, 2 sp, 8 cy, 18' steel bed; 1951 Chevrolet 5 window cab pickup 4 speed, 6 cy. has been setting 10 years; 1992 Dodge Ram 2500 needs work; '70s Ford pickup needs work; '80s Dodge Ram 200 pickup for salvage; 1972 Ford van; 1950s Chevrolet flatbed truck; 1954 Chevrolet 1 1/2 ton truck; 1960s Ford F600 1 1/2 ton truck; tandem axle 8'x14' flatbed trailer.	New Holland 660 big round baler; 2 Sunflower 14' off set disc; John Deere 1010 field cultivator 24'; Grain O Vator 20 grain wagon; IHC 10-10 hoe drill; Crustbuster fold back spring tooth; 12' chisel; Flex King 15' V blade; New Holland 56 rake; 8' dozer blade for JD 4430; Hesston 5800 round baler; NH Haybine 116 hydro swing swather; 3PT 6' rotary rake; Case 3-16 pull type plow; IH 400 air planter no drums; pull gal type road grader; dump rake; horse equipment; one way; 1 row New Idea corn picker; assortment of older machinery.	6 bale gooseneck trailer; 2018 Winkel 32 portable panel set w/trailer like new; squeeze chute w/alley; 2 squeeze chutes; portable loading chute; 6 Winkel feeder panels; 35+ portable cattle panels; round bottom bunks; 7 big bale feeders; 8 plastic bottom bunks; calf cradle; 2-4 ton 1-6 ton bulk bins; single & double sided creep feeders; 6', 8' & 10' stock tanks; 20 tractor tire feeders; Blair 2 wheel feed wagon; 3 pt. bale fork; Five Star post hole digger; 500 gal propane tank; 500 gal plastic transfer tank; 2 trailer loads of hand tools; 16'x18' aluminum bats for fencing; electric fence posts; hedge posts; T posts; 10 gal visible gas pump; assortment of other items.
	1991 Travalong 7'x24' covered gooseneck truck trailer;	

Note: Roy is retiring, the machinery and cattle equipment will sell following the real estate which sells at 10:00 a.m. Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com)

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 SIRE: W/C EXECUTIVE ORDER 8543B DAM: BROOKS BRILLIANCE A32 ASA # 3608600 • 5/8 SM 3/8 AN • 1/1/2019 API: 131.4 • TI: 79.4	 SIRE: TJ MAIN EVENT 503B DAM: SFI/GPAR MS LIL 'T WINKLE ASA # 3638114 • 1/2 SM 1/2 AN • 2/26/2019 API: 125.0 • TI: 74.7	

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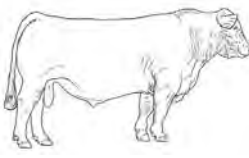



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ITEMS FOR SALE

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New M&M tree shears & grapples  
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New CEA pallet forks  
New CEA tooth bars  
New Mensch, manure scrprs  
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**USED TRACTORS**

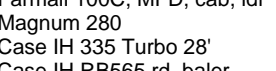
'15 Case IH Maxxum 125 MFD ldr, 965 hrs  
'09 JD 5055 E ROPS, MFD, ldr, 800 hrs.  
'09 Case IH Magnum 215, 1550 hrs  
'09 Case IH Magnum 215, 3370 hrs  
'96 JD 8300 MFD 7995 hrs  
'95 JD 8770, 4WD, 3903 hrs  
'82 JD 4640, Quad range, 7340 hrs

**MISCELLANEOUS**

'14 Case IH 1255 12x30 planter, on row hoppers  
'04 Case IH 2366 4WD, 4045 eng., 2995 sep.  
'11 Case IH 7088 combine 1705 engine, 1248 sep.  
'11 Case IH 3406 corn head w/ trailer  
'10 Case IH 2020 flexhead 30' w/ air reel  
'05 Case IH 1020 20'  
'89 Case IH 1020 25'  
IH 863 cornhead on trailer  
'89 Case IH 1063 corn head  
'80 Vermeer 605G rd. baler  
'05 Bush Hog 2615 batwing Hesston BP25 bale processor  
'02 NH 1475 MOCO 14' Case IH 6500 Conser-til, 14' Case IH 6650 Conser-til, 14' IH 45 FC 18.5'  
IH 370 14' disk  
'01 Case IH 3950 disk, 33'  
'07 Case IH 340 25' disk  
Case IH 3900 25'7.5" spacing JD FBB drill 16x8  
GB 900 Hi-master ldr  
Speeco 3pt post hole digger  
BMB Estate 72 finish mower  
**NEW EQUIPMENT**  
Farmall 35A w/ loader  
Farmall 40A w/ loader  
Farmall 100C, MFD, cab, ldr  
Magnum 280  
Case IH 335 Turbo 28'  
Case IH RB565 rd. baler  
Several Bush Hog rotary mowers and tillers  
Complete line Bush Hog zero turn mowers

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**FARM CREDIT SERVICES** of America / Frontier Farm Credit is currently looking for a Real Estate and Chattel Appraiser for Kansas. For more information, please visit our website at https://www.fcsamerica.com/careers.



**K-STATE**  
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**Wabaunsee County**  
Community Vitality Program  
Assistant opportunity in Alma, KS. Benefits package and hourly pay based upon experience. Background check required. K-State Research and Extension is an equal opportunity provider & employer. Job description and applications available from the Wabaunsee County Extension Office. Submit application, cover letter, resume, and references to Wabaunsee County Extension Director Stephanie Melhus. Deadline: February 28th, 2020 by 12:00pm (noon).

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**FOR SALE: N7 GLEANER** 1984 - runs, needs some things. Good engine. Located in the Concordia area. Call 785-614-0905

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# 2020 World Pork Expo to be held in Des Moines

The 2020 World Pork Expo is back at the Iowa State Fairgrounds for its 32nd year. The Expo will take place on June 3-5, providing pork professionals with three full days of education, innovation, and networking.

"We're excited to welcome all members of the pork industry back to Des Moines after a brief hiatus in 2019," said David Herring, NPPC president and pork producer from Lillington, N.C. "The 2020 Expo gives us an opportunity to connect across the industry to share knowledge and discuss the state of the industry together."

Out of an abundance of caution, the 2019 World Pork Expo was canceled due to reports of African Swine Fever (ASF) in China and other countries. Professionals in the pork industry worked together across the globe to understand the situation and evaluate risks presented with ASF.

Since the outbreak of ASF in 2019, the United States has significantly stepped up biosecurity measures taken to prevent an outbreak in the United States. The 2020 Expo will have increased biosecurity on-site during the show. Additional changes to the 2020 World Pork Expo include the decision to relocate the live swine show to reduce an already negligible risk.

"Continuing to host the show for our more than 20,000 producers and pork professionals visiting across the states is extremely important to us," said Herring. "Amidst the ASF, our pork industry continues to grow and it's truly a testament to how strong the industry is in the U.S."

Registration will soon be available online for those who plan to attend the 2020 World Pork Expo June 3-5.

## Secretary Perdue announces new innovation initiative for USDA

U.S. Secretary of Agriculture Sonny Perdue recently announced the Agriculture Innovation Agenda, a department-wide initiative to align resources, programs, and research to position American agriculture to better meet future global demands. Specifically, the U.S. Department of Agriculture (USDA) will stimulate innovation so that American agriculture can achieve the goal of increasing production by 40 percent while cutting the environmental footprint of U.S. agriculture in half by 2050.

"We know we have a challenge facing us: to meet future food, fiber, fuel, and feed demands with finite resources. USDA's Agriculture Innovation Agenda is our opportunity to define American agriculture's role to feed everyone and do right as a key player in the solution to this challenge," said Perdue. "This agenda is a strategic, department-wide effort to better align USDA's resources, programs, and research to provide farmers with the tools they need to be successful. We are also continually mindful of the need for America's agriculture industry to be environmentally, socially, and economically sustainable to maintain our position as a leader in the global effort to meet demand. We are committed as ever to the environmental sustainability and continued success of America's farmers, ranchers, foresters, and producers."

**Background:**  
The first component of

the Ag Innovation Agenda is to develop a U.S. ag-innovation strategy that aligns and synchronizes public and private sector research. The second component is to align the work of our customer-facing agencies and integrate innovative technologies and practices into USDA programs. The third component is to conduct a review of USDA productivity and conservation data. USDA already closely tracks data on yield, but on the environmental side, there's some catching up to do. Finally, USDA has set benchmarks to hold us accountable. These targets will help measure progress toward meeting the food, fiber, fuel, feed, and climate demands of the future. Some of the benchmarks include:

Food loss and waste: Advance our work toward the United States' goal to reduce food loss and waste

by 50 percent in the United States by the year 2030.

Carbon Sequestration and Greenhouse Gas: Enhance carbon sequestration through soil health and forestry, leverage the agricultural sector's renewable energy benefits for the economy, and capitalize on innovative technologies and practices to achieve net reduction of the agricultural sector's current carbon footprint by 2050 without regulatory overreach.

Water Quality: Reduce nutrient loss by 30 percent nationally by 2050.

Renewable Energy: We can increase the production of renewable energy feedstocks and set a goal to increase biofuel production efficiency and competitiveness to achieve market-driven blend rates of 15% of transportation fuels in 2030 and 30% of transportation fuels by 2050.

**FARM AUCTION**  
**SATURDAY, MARCH 14, 2020 — 9:30 AM**  
AUCTION LOCATION: 5402 Cunningham Rd. — NEW CAMBRIA, KS  
AUCTION LOCATION: From Salina: go East on I-70 to Exit 260 (Niles Rd) then 2 1/2 North to Humbarger Rd., 1 mile West to Cunningham Rd. then 1/2 mile South.  
*These are all-weather roads, follow these directions, because I am not going to come pull you out!*  
TRUCKS, FARM EQUIPMENT, TOOLS, ANTIQUES, ATV  
*Watch next week's Grass & Grain for listings & or KansasAuctions.net/reynolds for pictures!*  
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800-900# \$140.00-\$124.00  
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400-500# \$160.00-\$152.00  
500-600# \$160.00-\$140.00  
600-700# \$149.00-\$129.00  
700-800# \$139.00-\$121.00  
800-900# \$131.75-\$117.00  
**HEIFERS**  
300-400# \$164.00-\$157.00  
400-500# \$160.00-\$152.00  
500-600# \$160.00-\$140.00  
600-700# \$149.00-\$129.00  
700-800# \$139.00-\$121.00  
800-900# \$131.75-\$117.00  
**FIELDMEN**  
Greg Anderson 785-747-8170 Waterville, KS  
Trevor Lundberg 785-770-2271 Frankfort, KS  
Taylor Schotte 785-268-0430 Marysville, KS  
**Market Report for 2-20-2020.**  
**1,850 HEAD SOLD**  
**HFRETTEES:**  
1200#-890# \$119.00-\$78.00  
**COWS-HIGH YIELDING**  
1940#-1280# \$76.00-\$60.00  
**COWS-LGT WT & LOW YIELDING**  
1445#-910# \$57.00-\$36.00  
**BULLS:**  
2270#-1830# \$87.50-\$65.00

## REAL ESTATE AUCTION

**TUESDAY, MARCH 10, 2020 — 10:00 AM**

Auction will be held at the farm located 1/2 mile East of 281 Highway on 250 Road (8 miles South of Smith Center, KS or 1 mile North of Highways 9 & 281).

**Tract I: E 1/2 SW 1/4 & W 1/2 SE 1/4 34-4-13 Smith Co. Kansas Less tract with well in South West Corner.**

The farm is located at the auction location (1/2 mile East of 281 Highway on 250 Road). 158.54 farmland acres with 82.94 acres crop, 59.60 acres grass and 16 acres creek. There is a barn, double & single garages and corrals. The farm has a well in lots. The bases are wheat 39.87 with 38 bu yield, grain sorghum 17.81 with 70 bu yield for a total of 57.68 base acres. The farm is enrolled in ARC County program. 2019 taxes were \$1,469.06. Seller will pay \$400.00 of 2020 taxes. Possession on open ground, grass and creek will be on April 15, 2020. Possession of ground planted to wheat 58.44 acres will be after 2020 wheat harvest.

**Tract II: NE 1/4 34-4-13 Smith Co. Kansas.**  
The farm is 1/2 mile East of Highway 281 on 240 road. This tract is North of Tract I. 160.34 farmland acres with 96.61 acres crop with 6.15 acres planted to alfalfa, 37.48 acres grass and 19.1 acres creek. The farm has a well in the pasture. The bases are wheat 48.27 with 38

bu yield, grain sorghum 21.55 with 70 bu yield. The farm is enrolled in ARC County program. 2019 taxes were \$1,663.14. Seller will pay \$300.00 of 2020 taxes. Possession on open ground, alfalfa, grass & creek will be April 15, 2020. Possession of ground planted to wheat 34.43 acres will be after 2020 wheat harvest.

**BOTH FARMS HAVE BEEN GOOD CATTLE AND HUNTING FARMS.**

**Possession:** Possession on both tracts will be April 15, 2020 except for land planted to wheat. **Terms:** 10% of purchase price as down payment day of auction, the balance will be paid as follows 40% of purchase price paid on April 15, 2020, the remaining 50% will be paid on April 15 2021.

Down payment will be escrowed with Dietz & Hardman Law Office. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

Thummel Real Estate & Auction LLC is acting as seller agent. All statements made day of auction take precedence over printed material.

*\*Also selling will be farm machinery and cattle equipment after the Real Estate*  
**ROY BELL FAMILY**  
**Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC**  
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# BLACK INK

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## Too Much Of A Good Thing?

**By Nicole Lane Erceg**  
Are we there yet?  
The thought ran through my mind several hours into a long drive. The talk had worn thin, songs on the stereo now felt stale and both my husband and I were beyond ready to reach the final destination.

No hard feelings, these trips are often full of fun, quality time together. But we'd passed the tipping point of good times and were steadily sliding down the other side of the bell curve.

Have we reached that point in the quality beef ride, too? We rounded out

2019 with 72% of the harvest reaching the Choice grade and 8.6% Prime. There's more premium beef on the market than ever before. Could we be approaching our destination, maybe even delivering too much of a good thing?

For decades the National Beef Quality Audit tried to find out if there is an ideal quality grade mix, only for the market to tell us it's determined by evolving economic signals from consumers.

As we've gotten better at consistently producing more premium beef, consumption and demand have grown. Our product today is worth more and that value flows back to producers. CattleFax estimates that if demand had not grown in the last 20 years but remained flat,

fed cattle would be worth \$20 per hundredweight (cwt.) less. We'd be out \$270 per head there, and calf prices would be \$50 per cwt. lower than they are today.

Premium Choice qualifying carcasses can earn up to \$50 per head above the bottom third of the category — totaling an added potential value of \$90 above the cash market. For those grading Prime, it can mean as much as \$200 above cash on value-based packer formula, grid and contract markets.

But not every consumer can afford premium quality beef, right?

Well, let's look at the other side of that coin. The Select grade category gets smaller each year, rounding out 2019 at only 16% of the mix. In 2018 the

Red Angus Association published a white paper on its disappearance, predicting by 2025 Select will be merely a shadow in an industry that's moved toward higher quality.

In practical terms, it already is. The marketability of Select grade beef keeps sliding. As restaurants and grocery chains have learned to appreciate a more highly marbled, consistent product and the value it drives in their business, fewer are willing to accept anything less. We've transitioned away from the days where packers had a short list of where to send their limited supply of Prime product to now only a handful of customers that will take the cheaper, lower end.

Those who see this boost in quality as the off

ramp — a chance to drive away from that long journey toward higher carcass quality — may have a bumpy road ahead.

The drive is far from over and there's much to be won by keeping a focus on genetics with that "taste fat" premium potential.

As the bar for average rises, we may see the quality grades shift. Opportunity on the premium end could mean a segmented Prime category, similar to graduated Choice today.

We haven't reached a tipping point. For cattlemen, more of a good thing is a great thing.

The drive toward carcass quality isn't over yet.

*Next time in Black Ink® Miranda Reiman will cover stockmanship. Questions? E-mail nercegc@certifiedangusbeef.com.*

## Burn workshop set for March 5th in Fredonia

A burn workshop which will focus on using prescribed fire as a management tool and planning a prescribed burn will be held on Thursday, March 5th at the Wilson County Old Iron Club's Rollin Vandever Memorial Park in Fredonia. The meeting will begin with registration and lunch at 11:30 a.m. and will feature speakers from Great Plains Fire Science Exchange, Fredonia Natural Resources Conservation (NRCS), KSU Extension, National Weather Service, Wilson County Rural Fire, and Kansas Department of Wildlife and Parks. The workshop will also include a panel discussion of landowners experienced with prescribed fire.

- Topics to be discussed include:
- Prescribed Fire Planning
  - Fire Behavior
  - Burn Associations
  - Conservation Planning and Prescribed Fire
  - Benefits to Grazing of Patch Burning and Growing Season Burns
  - Weather Watching for Prescribed Burns
  - Fire Safety and Procedure for Burning in Wilson County
  - Fire as a Land Management Tool

This workshop is jointly sponsored by K-State Research and Extension Wildcat District and Wilson County Conservation District. There is no cost to attend the meeting. To facilitate planning for the meal RSVPs are encouraged. Please RSVP by March 2nd by calling the Wilson County Conservation District at 620-378-2866 or K-State Research and Extension Wildcat District Independence office at 620-331-2690.

For more information, contact Adaven Scronce, Diversified Agriculture and Natural Resource agent, adaven@ksu.edu 620-331-2690.

## KDA announces Irrigation Technology Initiative

The Kansas Department of Agriculture's Division of Conservation is pleased to announce the availability of the FY 2020 Irrigation Technology Initiative. This initiative is designed to promote irrigation efficiency by providing cost-share assistance to landowners for automated soil moisture probes.

Through the Irrigation Technology Initiative, \$132,500 is available in cost-share funds to assist

landowners with irrigation efficiency technology. The funds will be directed toward areas of the state with a significant focus on water conservation: \$75,000 of the initiative funds will be designated to applications in the Rattlesnake Creek priority areas, and the remaining initiative funds will be designated to land located within Water Conservation Areas approved by the KDA Division of Water

Resources.

Applications must be approved prior to the purchase of soil moisture probes, and the cost-share rate will be 70%. Eligible soil moisture probes can be leased or purchased by the landowner and must be automated and capable of providing data to the landowner.

Landowners can apply for the FY 2020 Irrigation Technology Initiative cost share through their local

conservation districts. You can find a directory of conservation districts at agriculture.ks.gov/ConservationDistricts. Applications will be accepted through March 6, 2020. KDA cannot guarantee adequate funds will be available to fund all eligible applications.

If you have questions regarding the FY 2020 Irrigation Technology Initiative, please contact Dave Jones at 785-564-6623 or David.Jones@ks.gov.

## Research shows there are genetic aspects of beef cattle rangeability

**By Heather Smith Thomas, Angus Beef Bulletin**

Some cattle do better on rangeland than others — traveling farther, climbing higher, grazing more of the landscape. Research indicates there's a genetic component in rangeability; some cattle are simply more ambitious. Cattle can be trained to use

higher country but there is also an innate tendency in some that makes it easier for them to utilize steeper slopes and farther corners.

Milt Thomas, professor of breeding and genetics at Colorado State University, is looking at the genetics involved in this trait that affect grazing distribution. It's hard to measure, but GPS technology has helped. Cattle can be tracked to see where they graze, he says.

It's a challenge defining the phenotype.

"From a genetic standpoint, as with most difficult-to-measure traits, it's different than things like milk production in dairy cows," Thomas says. "We also have to consider difference in topography of each ranch/range, differ-

ent breeds, crossbreds versus purebreds, etc. On some ranches we are monitoring lactating cows with small calves. At other ranches we are working with dry cows and they may walk farther."

Technology like GPS and cattle pedometers help tracks which cattle go farther to graze.

Yearling heifers may travel even farther because they are curious and exploratory. Generally they use production-age cows in the prime of life — between four and eight years of age.

Researchers are using tools enabling them to genotype either 50,000 or 800,000 genotypes per animal.

"We're seeing a lot of hits on chromosomes in regions that harbor genes involved in locomotion, feed efficiency, metabolism, etc. Many of these things are interrelated. There's not just one single gene; it's whole-animal physiology that drives a cow to be what we call a hill-topper versus a bottom-dweller," Thomas says.

This research is a good start on what may eventually be a useful tool for stockmen to select for range cattle. He says that when asked in surveys if they would pay more money for a bull with positive breeding values for grazing distribution, western ranchers overwhelmingly answered yes.

"The challenge in beef production is that even though things like weaning weight, yearling weight, carcass traits, etc., are easy to measure, many important things we need to select for are impossible to measure right now. Grazing distribution is one

of those," says Thomas.

A person can talk about reducing input costs, but if cattle don't willingly go out and work, it's hard to extend the grazing season when conditions get tougher in late fall or winter.

Range cattle with desirable traits for ambitious grazing will be more profitable because their calves will have better weaning weight. You'll have more to sell and more long-term profitability if range cows can bring home bigger calves and breed back readily because they stay in better body condition. They can travel to where the feed is instead of hanging around in the bottoms or around water sources where forage has already been grazed.

The "lazy" cows are also the ones that tend to wait for the feed truck in winter, rather than ambitiously grazing a winter pasture. A person can talk about reducing input costs, but if cattle don't willingly go out and work, it's hard to extend the grazing season when conditions get tougher in late fall or winter.

"In our current project we're trying to get breeding values so we can be able to say that these animals are probably the ones you'd choose for rangeland operations, but my gut feeling right now is that we'll need a lot more data. However, we do know the genetic effect is real, and we should work hard to develop a good genetic program," Thomas concludes. "The door is open; we just don't know exactly where we'll be going to reach the goal. You have to start somewhere, and we've taken some first steps."

### REAL ESTATE AUCTION

**WEDNESDAY, MARCH 11, 2020 — 7:00 PM**

Auction will be held at the Vesper Community Center in VESPER, KANSAS

**49.34 acres in southeast corner of SE ¼ 2-14-9 Ellsworth, Kansas.**

The farm is located ½ mile North of Exit 216 on Interstate 70 (Vesper Exit) on a gravel road. There are 49.34 acres with 32.43 cropland acres and 16.91 acres grass & trees with 2 steel bins. The tract does not include the wind tower or the milling stock pile acres. The farm is located ½ mile from the interstate on a gravel road. Seller will pay 2019 and all prior year's taxes. Purchaser will pay 2020 taxes.

**Possession:** Possession will be upon closing.

**Terms:** 10% of purchase price as down payment day of auction, the balance will be due upon closing on or before APRIL 15, 2020. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

Thummel Real Estate & Auction LLC is acting as seller agent. **All statements made day of auction take precedence over printed material.**

**ALSOP SAND CO., INC.**  
Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC  
785-738-0067

### AUCTION

**SUNDAY, MARCH 1, 2020 — 10:00 AM**

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

**SIGNS:** Self-serve, No Smoking, Stop Engines, FMC, Miller Lite, Farm Bureau, National, Parkersburg, Terfkin, Authorized Personnel, C to C, Frontier Guns, older STOP; **PICTURES:** flowers, scenic, Case, ladies, children, guardian, Lone Wolf, horses; **FURNITURE:** candlestick, fern stand, rocking chair, curio cabinet, ice cream chair, high chairs, foot stools, smoke stand, Victor phonograph, flat top trunk, camel back trunk, cedar chest, cast iron floor lamp, showcases;

**ANTIQUES & COLLECTIBLES:** collegiate rocks, steer horns, Philco charger, tea towels, quilts, Lloyd baby buggy, silverware, banks, wooden boxes, iron pulleys, Griswold pans, farm toys, brass fire extinguisher, cast iron seat, exhaust cut out, watering cans, gas cans, 5-gal. oil cans, M&M stand, head vases, paperweights, Carom board, sugar bucket, older Daisey BB guns, wooden sleighs, wooden pop cases, doorknobs, mason jars, antlers, cigar boxes, wash tubs,

sewing machine bases, copper boiler, pedal car body, branding irons, spice tins, postcards, John Deere pamphlets, tractor books, Western crock jug, Holt Howard mugs, chalk banks, records, Winchester targets, mandolin, electric guitar, accordion, oil jar carrier, spurs, 6-gal. Red Wing crock, brown doctor bottles, Stetson hats, sheet music, 1941 Cadillac sales manual, 1976 proof set, Morgan and Peace silver dollars, many older hand tools and a large number of other items.

Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com).

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2118 Oxbow Road Wells, Kansas 67467  
email: [schrader@twinvalley.net](mailto:schrader@twinvalley.net)

For more sale information, videos & the sale catalog visit our website  
[www.schraderanch.com](http://www.schraderanch.com)

### REAL ESTATE AUCTION

160 acres, m/l, of Northwest Jackson County Pasture, Farmland & Homestead (to be offered in 3 Tracts)

**SATURDAY, MARCH 14, 2020 — 1:30 PM**

AUCTION LOCATION: The Soldier Community Center  
SOLDIER, KANSAS

Property located 2.5 miles West of Soldier, KS on 270th Road.  
**1050 270th Road — SOLDIER, KANSAS**

**Legal Description:** The East Half of the Southwest Quarter and the West Half of the Southeast Quarter, all in Section 7, Township 6 South, Range 13 East, Jackson County, KS

**TRACT 1:** 10 acres, M/L, along the Southwest edge of the property, including a well-kept, 5 bedroom, 2 bath Schult modular home, which has been updated with newer metal roof, siding, heat pump system and kitchen counter tops. As well as the home, there is a double car, quonset type garage, wood/metal pole shed and a custom made, underground, concrete storm shelter. The balance of Tract 1 is yard area and pasture grass. **This would make a great place to have your own "Piece of the Country!"**

**TRACT 2:** 150 acres, M/L, of mixed grass pasture, farmland and 2 smaller, wooded draws with wildlife habitat and a larger pond. The land lays well with a gentle slope.

**TRACT 3:** A combination of Tracts 1 and 2.

For more info or viewing, please call John E. Cline, 785-532-8381 or check our website: [www.clinerealtyandauction.com](http://www.clinerealtyandauction.com)

**SELLERS: EDWIN C. & GOLDIE N. VANCE**

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# Progressive Beef™ celebrates record growth

Progressive Beef™, a cattle management and sustainability system for feedlot operators, is celebrating record growth. The program announced it has doubled the number of cattle certified through the program and nearly tripled the number of feedlots joining the program in the last year.

Progressive Beef is the largest ever cattle management and sustainability program for feedlot operators. The program focuses on three main pillars: cattle care, food safety and sustainability. Through a rigorous verification process, Progressive Beef increases transparency and helps give consumers assurances about the beef they purchase.

To date, more than two million cattle have been certified through the program and nearly four million cattle will be cared for at certified Progressive Beef feedlots this year. The number of feedlots entering the program has also shown impressive growth, jumping from approximately 21 in 2018 to nearly 60 as of January 31, 2020. The

feedlots are primarily located in the Midwest and Pacific Northwest.

"Today's consumers want to know where their beef comes from and that the cattle were raised with care," says John Butler, chief executive officer of Progressive Beef, LLC. "Progressive Beef certifies that participating feedlots meet strict standards for cattle care, environmental sustainability, and process control. We are excited about the program's growth and the opportunity it creates to deliver more beef to retail and foodservice operators that exceeds consumers' expectations of how their food was raised."

Receiving certification is a stringent process that can take several months. In order to receive the Progressive Beef certification, feedyards must train operators on critical areas including cattle care, water usage and energy usage. All Progressive Beef-certified feedyards must also adhere to a strict code of standard operating procedures and are verified annually by third-party

auditors.

"At Magnum Feedyard, we are committed to producing the safest, highest quality and most wholesome beef," says Audrey Gabel, owner of Magnum Feedyard. "In our quest for excellence and consumer transparency, Progressive Beef has served as the gold standard for quality management systems and we are proud to carry the Progressive Beef Certification."

The program has gained popularity within the industry. In 2018, Tyson Fresh Meats, the beef and pork subsidiary of Tyson Foods, Inc., became the first beef processor to license the Progressive Beef program, allowing its customers to fulfill the need for a beef program that creates a higher confidence level for consumers. Wendy's is moving toward a majority of beef supplied by Progressive Beef-certified feedyards by 2021.

To find out more information on the Progressive Beef program, visit <https://www.progressivebeef.com/>.

# AgrAbility – cultivating accessible agriculture

By John Forshee, River Valley Extension District director/farm management/community vitality

Agriculture is a high-risk occupation with the incidence of work-related injury or death much above the general population. Hearing loss, disabling injuries, back problems, amputations, and chronic respiratory issues are just a few of the more obvious conditions farmers may find themselves experiencing. In addition, we may not think of things, such as stress and anxiety resulting in behavior health issues, an aging farm population dealing with joint health issues, a disabling disease, such as cancer or heart disease, stroke, visual impairment, traumatic brain injury, or those who suffer with arthritis.

AgrAbility is a program sponsored by the US Department of Agriculture (USDA) which provides assistance to farmers, ranchers, other agricultural workers, and farm family members impacted by disability – such as those outlined above. The vision of AgrAbility is to enable

a high-quality lifestyle for farmers, ranchers, and other agricultural workers with disabilities. Through education and assistance, AgrAbility helps to eliminate or minimize the obstacles blocking success in production agriculture or agriculture-related occupations.

They also offer the following services as no cost to the customers: on-site assessment of barriers on the farm and home; recommending appropriate assistive technologies; providing educational materials and trainings; referring customers to other service providers for assistance specific to the customer's needs; arranging peer support; and assisting military veterans seeking employment in agriculture-related occupations.

AgrAbility does not provide direct funding for equipment, but it does often work with other sources to help customers obtain the needed assistive technologies or modifications.

AgrAbility also has high-quality informational brochures. *Arthritis and Gardening* is a guide for home gardeners and

small-scale producers. *Arthritis and Agriculture* is a guide to understanding and living with arthritis in an agricultural setting.

If any of this news column rings true for you, then AgrAbility might be able to offer you some as-

sistance or education allowing you to work longer or more pain-free in agriculture. The Kansas AgrAbility Project is a partnership of K-State Research and Extension, Southeast Kansas Independent Living (SKIL), and Assistive

Technology for Kansans (ATK). Contact them by calling 800-526-3648, or 785-532-2976. Learn more about The Kansas AgrAbility by visiting their website at: <http://agrability.bae.ksu.edu/>. The National AgrAbility Project phone number is: 800-825-4264; find them on their website at: [www.agrability.org/](http://www.agrability.org/); or contact them via email at: [agrability@agrability.org](mailto:agrability@agrability.org).

Technology for Kansans (ATK). Contact them by calling 800-526-3648, or 785-532-2976. Learn more about The Kansas AgrAbility by visiting their website at: <http://agrability.bae.ksu.edu/>. The National AgrAbility Project phone number is: 800-825-4264; find them on their website at: [www.agrability.org/](http://www.agrability.org/); or contact them via email at: [agrability@agrability.org](mailto:agrability@agrability.org).

## FARM EQUIPMENT AUCTION

SATURDAY, MARCH 7, 2020 — 9:30 AM  
LOCATION: Wichita County Fairgrounds, East edge of LEOTI, KANSAS

**TRACTORS & FORKLIFT:** 1977 JD 4630 tractor, QR, duals, 6,000 hrs. w/Westendorf loader (clean); 1980 Versatile 950 series II tractor, 4-wheel drive, Cummins motor, auto steer, super single tires; 1964 JD 4020 tractor, SR, pto; Case Forklift, large front tires.

**ANTIQUE TRACTORS:** 1948 JD D tractor, styled, pto, electric start; 1953 Allis Chalmers WD45 tractor w/3-bottom plow 1956 IHC 400 tractor, gas; Several pieces of horse drawn equipment.

**SPRAYER & COMBINE:** 2012 A720 Apache sprayer, 850 hrs., auto steer, Inviso Pro controller, good shape; 1991 Case IH 1680 combine, 2,000 hrs., duals w/CIH 1010 header, 30'; (2) IHC 1010 platforms, 30'; JD 930 platform, 30'; JD 843 corn head, 8-row; 2005 Kinze 1050 grain cart (nice).

**TRUCKS:** 1973 Chevy truck, 350 motor, 4x2 trans., 60,000 miles, 16' bed & hoist, Westfield hydraulic fill auger; 2002 GMC 7000 truck, Allison auto., 8.1-liter gas motor, AC, 1600-gal poly water tank.

**TRAILERS:** CM 16' ranch style stock trailer; Hart 20' gooseneck stock trailer, full top; 1995 Transcraft 48' drop deck trailer, Chuck Henry spray cradle, 3200-gal poly water tank, (2) 90 gal. cone bottom tanks, Honda 2' pump; 1995 Transcraft 48x102 flat deck semi-trailer; 2006 Wilson grain trailer, 42'; Hale 14' stock trailer; Ranch style 16' gooseneck horse trailer.

**FARM EQUIPMENT:** 1995 Krause 5400 folding drill, 36', 71/2", shedded; 1991 CIH 8465 round baler, shedded; Orthon 12-row once tripper, strip tiller; JD 510 round baler, shedded; 2006 JD 1770 planter, 16-row, good shape (nice shape); CIH 5100 chisel plow, follow master sweeps w/harrows, 51'; JD 7100 planter, 8-row, monitor & updates; (2) 3pt. rear blades; 2002 JD 567 round baler, monitor, small 1,000 pto; Rhino 3pt. mower, SE7; 1000 gal. pull between cart.

**IRRIGATION ITEMS:** Lots of 8" plugs, T's, elbows; Waterman valves, 12x8 & 10x8.

**LIVESTOCK ITEMS:** Portable corral panels; posts & wire; steel bunks; Dempster 10' wind mill head NIB; 36 round Cain bales.

**VEHICLES:** 2008 Ford F250 pickup, V-10 motor, 6 spd trans., ext. cab, 68,000 miles; 2000 Ford Excursion Limited, 4x4, V-10 motor, auto, loaded, 208,000 miles; 2008 Ford F-350 pickup, diesel motor, 6 spd. trans., 4x4 w/service flatbed, fuel tanks, air compressor, new motor, rebuilt rear end; 1998 Ford Expedition, 4x4.

**OTHER FARM ITEMS:** Log chains; Hand tools; Lots of shop tools; Parts & repairs; Electric power tools; Lawn & garden tools; 12-volt drill fill augers; (24) New Falow Master sweeps, 26"; Pickup fuel tanks; Ag Crane w/pallet forks & bucket; Wylie UTV sprayer w/ 10' booms; wheelbarrow type portable air compressor; (2) 10x10 garage doors; Generac 1500-watt pto generator; 60 gal. propane tank; Utility pickup bed; Rem grain vac; Many other items.

**ATV, BOAT, MOWERS, GOLF CART:** Club Car golf cart, gas, good shape; Sears Game Fisher 14' boat w/25 hp Evinrude motor & trailer; Husqvarna zero turn mower, 48" heavy deck, 24 hp., 196 hrs., good shape; JD Gator XUV 550 S4 UTV, nice.

**AREA FARMERS, OWNERS**  
Auctioneers Note: We have some good equipment consigned this year and lots more by sale day. We will run two rings. Everything to be removed by March 30, 2020.  
**TERMS:** Must have VALID ID to register. No EXCEPTIONS. Cash or approved check day of sale. Everything sold as is. No warranties expressed or implied. Not responsible for theft or accident. Announcements day of sale take precedence. **Lunch served.**

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620-375-4130

Check us out on Facebook & at [www.berningauction.com](http://www.berningauction.com)

## LAND AUCTION

2,112± Acres of Cropland, CRP, Pasture & Wildlife Habitat in 9 Tracts in WABAUNSEE COUNTY

**FRIDAY, MARCH 6, 2020 — 2:30 PM**  
AUCTION LOCATION: 208 S. Main, Eskridge Senior Center, ESKRIDGE, KANSAS 66423

**SELLERS: JUSTIN & BARBARA HILL and RICHARD W. PORTER**

These properties offer you a great deal of diversity, with cropland, CRP, pasture and excellent hunting and wildlife opportunities! We have seen some great whitetail bucks, turkey and other wildlife. Be sure to check out these properties and see how they can fit with your existing ag operation or as an investment property with plenty of recreational opportunities. Centrally located within 35-40 miles of Topeka and not far from Manhattan, Emporia and Kansas City, you can be at any of these properties in a short time and enjoy them on a regular basis. We look forward to seeing you at the auction!

**SELLER: JUSTIN & BARBARA HILL**

**TRACT #1:** 316.36± ac of native and mixed grass pasture.  
**TRACT #2:** 310.77± ac of cropland, CRP, hay, pasture & recreation.  
**TRACT #3:** 362.99± ac of cropland, pasture & recreation.  
**DIRECTIONS:** From Eskridge, KS, go east on KS-99 / 8 Mile Rd for approx. 4.2 mi to the northwest corner of tract #1 on the south side of the county road. Tract #2 and #3 are south of Tract #1.  
**TRACT #4:** 335.92± ac of cropland, pasture, hay & recreation.  
**DIRECTIONS:** From Tract #2, go west a half mi on Mourning Dove Rd to the southeast corner of the property.

**SELLER: RICHARD W. PORTER**

**TRACT #5:** 232.52± ac of cropland, hay & recreation.  
**TRACT #6:** 206.01± ac of CRP, pasture & recreation.  
**TRACT #7:** 230.08± ac of recreation & pasture.  
**TRACT #8:** 39.2± ac of grass or building site.  
**DIRECTIONS:** From Harveyville, KS, go south on Harveyville Rd for approx. 0.2 mi, take a slight right onto KS-31 and continue for 1.0 mi, turn south on Miller Rd and continue south for 1.0 mi to the northwest corner of Tract #5 on the east side of the road, Tract #6 is east of tract #5, or back on Miller Rd, continue another 1.5 mi to Wilmington Rd, turn east and continue 0.25 mi to the northwest corner of Tract #8 on the south side of the road, or continue another 0.25 mi to the southwest corner of Tract #7 on the north side of the road.  
**TRACT #9:** 78.4± ac of cropland & recreation.  
**DIRECTIONS:** From Harveyville, KS, go north on Harveyville Rd for approx. 2.5 mi to the intersection of Harveyville Rd and Headwaters Rd, the property is on the southeast corner of the intersection.

See website for full listing & photos: [GriffinRealEstateAuction.com](http://GriffinRealEstateAuction.com)

**RICK GRIFFIN**  
Assoc. Broker/Auctioneer  
Cell: 620-343-0473

**CHUCK MAGGARD**  
Sales/Auctioneer  
Cell: 620-794-8824

Office: 305 Broadway, Cottonwood Falls, KS 66845  
Phone: 620-273-6421  
Fax: 620-273-6425  
Toll-Free: 866-273-6421  
In Office: Nancy Griffin Heidi Maggard

**Griffin Real Estate & Auction**  
[griffinrealestateauction@gmail.com](mailto:griffinrealestateauction@gmail.com)

## ANNUAL CONSIGNMENT AUCTION

**SATURDAY, MARCH 28, 2020**  
Durham, KS • In conjunction with G&R Implement  
We are anticipating another good auction of Farm Machinery, Trucks, Trailers, Livestock Equipment, Farm Tools & Misc.  
**Call NOW to CONSIGN & Effectively Advertise Your Items! Advertising Deadline is March 9!**

See [www.leppke.com](http://www.leppke.com) & watch future ads for more details!

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LYLE LEPPKE, 620-382-5204  
ROGER HIEBERT, 620-382-2963

## LAND AUCTION

415 acres +/- Quality Farmland on Gypsum Creek in Saline and McPherson Counties  
Thursday, March 19 @ 7:00PM  
Where: Gypsum Auditorium, 621 Maple, Gypsum, KS

**Tract 1: NW/4 & SW/4 of NE/4 of Section 4-17-1W, lying west of Gypsum Creek, less home and 40 acres +/-**  
Location: Gypsum Valley Rd (blacktop) & Coronado Heights Rd then 1/2 mile West on South side or go South around section if wet ~ 4 miles N of Roxbury or 6 miles S of Gypsum ~ 129 acres +/- productive creek bottom tillable 11 acres +/- timber along Gypsum Creek

**Tract 2: SE/4 of Section 33-16-1W, less home and 15 ac +/-**  
Location: Gypsum Valley Rd (27th Ave, blacktop) & Coronado Heights Rd ~ 4 miles N of Roxbury or 6 miles S of Gypsum ~ 135 acres +/- productive tillable ~ 2 acres +/- waterway, 4 acres +/- timber along Gypsum Creek

**Tract 3: SW/4 of Section 15-17-1W, less home and 20 ac +/-**  
Location: 27th Ave (blacktop, Gyp Valley Rd) & Svensk Rd ~ 1 mile N of Roxbury or 9 miles S of Gypsum ~ 127 acres +/- productive upland tillable ~ 12 acres +/- waterway

**Possession:** Open and alfalfa acres will be immediate possession. Wheat acres will be possession immediately following wheat harvest, or August 1, 2020. If time and weather allow, the Seller may bale/remove the wheat straw. Productive creek bottom and upland tillable with blacktop frontage!!

For complete sale bill, aerial maps, soil maps, pictures, bases/yields call or visit our website!

Announcements day of auction take precedence. Horizon Farm and Ranch Realty LLC and it's agents are Seller's Agents in this transaction.  
**SELLER: Micah Moffitt and Michael D. Becker**

Office 785-825-1199  
Toll Free 1-888-825-1199  
[www.horizonfarmranch.com](http://www.horizonfarmranch.com)



## AUCTION

**SATURDAY, MARCH 7, 2020 — 8:30 AM**  
2110 Harper Dg. Fairgrounds Bldg. 21 — LAWRENCE, KS

**500+ LOTS COINS**  
3 - \$5 Gold Eagle Coins; 1934 \$500 Bill; 50+ Morgan & Peace Silver Dollars; 100+ Pre 64 Half Dollars; Eisenhower Dollars; Silver Certificate Currency; 100+ Silver Nickels/Dimes/Quarters; 200 Steel Pennies; 600+ Wheat pennies; 40+ Indian head Pennies; Buffalo Nickels Sets; Mint/Proof Coin Sets; Foreign & Commemorative Coins; Half/Large/Two Cents; Coin Holders; See Internet for Complete Listing!

**700+ VINTAGE ADVERTISING MEMORABILIA MANUALS & PARTS/SERVICE MANUALS**  
Horse Drawn/Tractors/ Implements/Engines/Etc.  
400+ McCormick Deering/Farmall/IH/HC: McCormick-Deering Repair Catalogs #27/28/29 Hay Machines & Tillage Implements, McCormick-Deering Implements & Engines, IHC Milking Machine, Farmall A/AV/BN/M/H/W4, IH Parts Catalogs, IH McCormick Catalogs, IH Operators & Service Training Manuals; 300+ John Deere, Ford, Case, Massey Ferguson, Ferguson, Massey Harris, New Holland, Kewanee, Starline, Bush Hog, Hercules, Wizard, Waukesha, Fairbanks Morse, Clinton, Pioneer, Continental, Briggs Stratton, many more unlisted manuals! **OUTSTANDING COLLECTION! Most in Protective Sleeves!**

**COLLECTIBLES, FIREARMS SUPPLIES, FURNITURE, LONGBERGER, ETC.**  
Unique Brass Round Coffee Table; Vintage Pedal Car; Chicago Rock Island Pacific Southern Spittoon; 5 cent Cigar spittoon; double wash stand w/spoon; coffee mill & grinders; walking lister/plow;

Route 66 items (neon light sign/tin signs/pictures); Ford & Vehicle pictures; brass items; lighters; trumpet; brass fireplace screen; brass school bells; cookbooks; colored & advertising jars; milk cans; Montana Silversmith's belt buckle; Law. Brick; **Toys:** JD 8760 4WD, JD 7430 w/Loader, IH 1586, JD 1590 Planter, Tonka's, Red Line Hot Wheels; Everley Roofing Law. Semi-Truck; JD hard back Tractor Books; Law. Business Advertising calendars; Sentry 10/12 Gun Safe; 2500 rounds Brown bear 7.62x39; 2500 rounds .22 cal.; 1200 rounds 7.62x39 battle pack; .40 cal.; shotgun ammo; Triple K leather holster; M1 clips; Blackhawk Long Gun Packmat w/Hawktex; Bushnell TRS-25 Tactical Red Dot w/Riser; knives/daggers; wooden Duck Decoys; Custom Oak China Cabinet(NICE!); Tell City Solid Hard Rock Maple Dresser; Maple Rocker; Oak & Maple Student Desk; Regular Wooden Desk; Vintage Oak Buffet; Maple China Cabinet; Curio Cabinet; brass floor lamps; Samsung flat screen T.V. w/stand; **Collector Series Longberger Collection:** Baskets (Tami Heritage Series/Buds & Blossoms Small Market/Lunch Box/Oval Market/2004 Ware/Little Cupcake/Renewal/2008 HOH Pink Ribbon/Etc.), Pottery, Serving Dishes, etc.,! Outstanding Collection!; Costume Jewelry (Sterling/Turquoise/Gold); **PA Systems:** MegaVox PB-35W Cordless PA System, Colonel 7 Hand-Held PA System (Both Need Batteries!); leather jacket; Oster clippers; **many items too numerous to mention!**

**AUCTION NOTE: QUALITY IS OUTSTANDING! Sit Down Auction! Preview Begins at 7:00 AM • Concessions: Worden Church Ladies**

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## MULTI-PARCEL LAND AUCTION

918 acres +/-  
Riley County, Kansas  
Tuesday, March 3rd, 2020 at 7:00 pm  
Sedalia Church Annex, 6040 N. 52nd St., Manhattan, KS  
918 acres +/-, 2 tracts by multi-parcel

**TRACT 1 – 323 acres +/-:** A tract of land situated in the E½ of the SE¼ of 21-9-7E and all of the N½ of 21-9-7E, Riley Co., KS (brief legal). This tract consists of pasture, hay meadow, timber, stocked pond, spring fed creek and wildlife habitat.

**DIRECTIONS:** From Hwy 77 and N. 48th St, turn east on N. 48th St. and travel a 1/2 mile to the green gate on north side.

**TRACT 2 – 595 acres +/-:** All of 16-9-7E except the NE¼ of the NE¼ less a tract containing 4.84 acres, Riley Co., KS (brief legal). This tract consists of pasture, meadows, timber, stocked pond, spring fed creek, spring tanks, wildlife habitat, former home site, three car garage, Butler building, barn with indoor cattle chute, loafing shed, pens, overhead bin and waterers. There is electricity and well with rural water available.

**DIRECTIONS:** From Hwy 77 and W. 59th Ave., turn east and travel 1¼ miles to driveway on the south side.

The entire property is located in the Manhattan Urban Area Comprehensive Plan. It is a prospective low density building development. Contact Riley County Planning and Development for more information.

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see [www.genefrancis.com](http://www.genefrancis.com) for full auction flyer

## PERSONAL PROPERTY AUCTION

**SATURDAY, MARCH 7, 2020 — 10:00 AM**  
AT 2775 UNION RD — CHAPMAN, KANSAS 67431  
Directions: from I-70 Exit 290-Milford Lake Rd. for .3 mi, left on Easy Jack Rd for 1 mi, left on Union Rd. 2 mi. Sale location on the Right. From Junction City on K-18, 5 mi West to Milford Lake Rd S. 2 mi to Easy Jack Rd, W. 1 mi, left on Union Rd. 2 mi.

**MOTORCYCLES, TRACTOR & MOWER:** EZ Go Cart w/gas eng; 1980 Honda CT110 Dirt Bike; Honda CV125 Dirt Bike; 1999 Harley Davidson Ultra Classic w/23,075 mi-exec. cond. w/travel bags; 1997 Harley Davidson Sportster 1200 w/10,750 mi, exec. cond. w/HD tool bag & sissy bar bag, windshield & additional seat; Cub Cadet 1046 lawn tractor 46" deck; JD lawn tractor w/44" deck; JD thatcher; White Field Boss 2-62 w/mechanical FWA & Westendorf loader w/bucket.

**TOYS & COLLECTIBLES:** Several Star Wars, Indiana Jones, Superman, Justice League action figures in box; Looneytoon Pez dispenser; Harley Davidson diecast motorcycles; Monsters Inc Toys, Austin Powers Shaguar Roaster Model Car in box; Batmobile model in box; Hot Wheels in box; Hank Williams & Hank Williams Jr decanter music box; Hank Williams Jr Bocephus doll in box; Barbie doll house; children's books; Chiefs Starter Quarter zip pull-over jacket; rotary phones; Dazey churn 3QT; Brunswick record player in cabinet; treadle Singer sewing machine in cabinet; kerosene lamps; Carnival glass water set-12 glasses & pitcher; bone china cup & saucer- Royal Albert; 12 pl. setting Johnathan Haviland Bavarian china w/teapot & soup tureen; Christmas & Halloween decor; **FURNITURE & APPLIANCES:** matching hide-a-bed couch & love seat; chests; antiques rocking chairs, oak & pine; (2) Qn BR sets; La-Z-Boy recliner; 60s style chrome kitchen table; GE side by side refrigerator; Roper & Frigidaire refrigerators; Whirlpool gas stove; 5 single room port. air conds.; Samsung frt. load washer & dryer w/pedestal drawers; metal patio table, glider bench; outdoor wicker swing; Oak counter height dining room table w/8 chairs; 55" & 45" flat screen TVs; stereo w/cabinet & speakers. **TOOLS & MISC.:** Weber charcoal grill; Brinkman smoker; Craftsman shop vac; Halogen work lights; Sears table saw; sev. fence boards & misc. wood; Tool Shop & Craftsman top & bitm. tool boxes; Campbell Hausfeld elec. welder on stand; elec. fence posts; wet tile saw; 2 Stihl chain saws; 12x6 drop deck Trailer; alum. ladders; upright Coleman 6.5HP w/60 ga tank 220 air comp.; Craftsman wood chipper; elec. cement mixer; pneumatic sand blaster; Troybilt ZHP rear tine tiller w/snow blade, garden plow & row maker; hand tools; sheds; yard windmill; kerosene heaters.

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Kansas Corn recently recognized students who excelled in its collegiate programs. Fifteen college students who received 2020 Next Generation Scholar-

ships and six Kansas Corn Collegiate Academy Class Two graduates were honored at the Kansas Corn Symposium in Manhattan. The collegiate programs

are part of an effort by the Kansas Corn Growers Association and Kansas Corn Commission to provide opportunities for college students of all majors to learn

more about the corn industry, explore issues facing agriculture and embrace the ways they can impact the industry through their future career paths.

Scholarship Recipients: Tatum Brunkow, Wamego, Fort Scott Community College, Associate in Agriculture Economics; Adrian Correndo, Bue-

Canelones, Uruguay, Kansas State University, Masters in Agronomy; Zoe Shultz, Grainfield, Fort Hays State University, Bachelors in Agricul-

# JENSEN BROS ANNUAL BULL SALE

THURSDAY, MARCH 5, 2020 | 1:00 pm  
At the Ranch 6 miles south of Courtland on HWY 148

**SELLING:**  
HOMOZYGOUS  
POLLED, POLLED  
AND HORNED  
YEARLINGS AND  
18 MONTH OLD  
HEREFORD BULLS  
SIM/ANGUS  
YEARLING BULLS



**G80**  
Lot 2 act BW 72lbs adj WW 709

AVERAGE EPD'S 2020 SALE BULLS INDUSTRY LEADING

BW	WW	YW	MM	M&G	REA	CHB
2.7	62	97	29	60	.52	107



**587G**  
Lot 67 CE 11.9 BW 0.7 REA .73 API 122

**HEREFORD BULL  
ADVANTAGE**  
"Heterosis" adds  
\$20 advantage in feed  
efficiency, \$30 advantage  
in feedlot profitability,  
\$51 more per cow per  
year, 7% higher  
pregnancy rates.

REQUEST A CATALOG  
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\$100 OFF BULL IF  
PICKED UP SALE DAY

FULL GUARANTEED  
FIRST BREEDING  
SEASON



**574G**  
Lot 9 CE 16.2 BW -1.1 REA .60 MARB .54

\* Calving Ease Bulls \* Carcass Bulls  
\* Performance Growth Bulls

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Recipients of the 2020 Kansas Corn Next Generation Scholarship were honored at the Kansas Corn Symposium on Jan. 23 in Manhattan. Pictured from left are: Emily Koop (Kansas Corn staff), Maria Kimzey, Eli Ohlde, Mardi Traskowsky, Zoe Schultz, Adrian Correndo, Pedro Rossini, Allayna Hanson, Carlos Pires, Claudia Hissong, Katelyn Pinkston, Sophie Filbert, Jayden Meyer, Tatum Brunkow, Kate Langworthy, Colt Sutterby, Pat Ross (Kansas Corn Commissioner, Lawrence).



The second class of the Kansas Corn Collegiate Academy graduated from the program on Jan. 23 at the 2020 Kansas Corn Symposium in Manhattan. Pictured from left are: Emily Koop (Kansas Corn staff) Eli Ohlde, Mardi Traskowsky, Colt Sutterby, Allayna Hanson, Ashley Swaim, Maria Kimzey, and Pat Ross (Kansas Corn Commissioner from Lawrence).

### 2020 Kansas Corn Next Generation Scholarships

To be considered for the Kansas Corn Next Generation Scholarships students became student members of the Kansas Corn Growers Association, were enrolled in college in Kansas and complete the application process. Applications for both programs were reviewed by a committee of Kansas Corn leaders and industry representatives.

"Our scholarship program recognizes outstanding students who are already making contributions to agriculture and have great potential as experts farming or providing support to our industry," says Greg Krissek, Kansas Corn CEO. "Corn plays a big role today in Kansas agriculture and these recipients' impacts hold great promise for our future success."

Full list of 2020 Kansas Corn Next Generation

nos Aires, Argentina, Kansas State University, Doctorate in Agronomy

Sophie Filbert, Macksville, Kansas State University, Bachelors in Agronomy

Allayna Hanson, Concordia, Kansas State University, Bachelors in Agriculture Economics

Claudia Hissong, Greencastle, Pennsylvania, Kansas State University, Masters in Agriculture Economics

Maria Kimzey, Fredonia, Kansas State University, Bachelors in Agriculture Economics

Kate Langworthy, Silver Lake, Washburn University, Juris Doctorate

Jayden Meyer, Smith Center, Kansas State University, Bachelors in Agriculture Economics

Eli Ohlde, Clyde, Kansas State University, Bachelors in Agribusiness

Katelyn Pinkston, Clay Center, Kansas State University, Bachelors in Agriculture Education

Carlos Pires, Rio Grande do Sul, Brazil, Kansas State University, Doctorate in Agronomy

Pedro Rossini,

ture Business  
Colton Sutterby, Savonburg, Kansas State University, Bachelors in Agribusiness

Mardi Traskowsky, Herington, Kansas State University, Bachelors in Milling Science and Management and Agricultural Economics

### Kansas Corn Collegiate Academy Class 2 Graduates Recognized

Members of the second Collegiate Academy class were recognized at the Kansas Corn Symposium for completing their program. Over four sessions, participants focused on ethanol, livestock, trade, policy, education, agronomy, conservation and consumer engagement. After the completion of the fourth session, the students completed a capstone project.

The first session of the Collegiate Academy gave students insight on the livestock industry, highlighting the traceability efforts in Kansas, and also on important water and environmental issues facing Kansas corn farmers. The academy spent a day at the State Capitol in Topeka as their second session, where they learned about the role government plays in the agriculture industry. The third session took place in the agribusiness hub, Kansas City, to learn more about the ethanol industry, trade and consumer relations. During the fourth session, the collegiate academy visited Washington D.C. where they attended National Corn Growers Association's Corn Congress, a semi-annual delegate session for the organization.

• Cont. on page 23

# BAR ARROW CATTLE COMPANY

30<sup>TH</sup> ANNUAL PRODUCTION SALE  
March 10, 2020 • 1:00 PM CST • At the Ranch

80 GELBIEH & BALANCER® YEARLING BULLS  
15 GELBIEH & BALANCER® ELITE HEIFERS



**BAG GROOT 89G**  
Sired by Foreman  
15.47" REA @ 1172 lbs | 4.13 IMF  
DOB: 3/10/2019 | 50% Balancer



2020 NWSS RESERVE CHAMPION  
PEN OF 5 GELBIEH BULLS



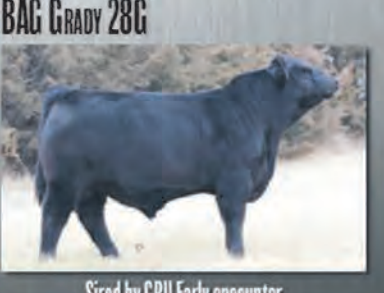
**BAG Mr CINCH 62G**  
Sired by IVERS Cinch  
REA 13.45" @ 1062 pounds | IMF 4.05  
DOB 3/4/2019 | 80% Gelbvieh



**BAG Mr CLYDE 126G**  
Sired by BAG Clyde 46D  
REA 15.69" @ 1097 pounds | IMF 4.05  
DOB 3/18/2019 | 75% Balancer



2020 NWSS DIVISION 2 CHAMPION  
PEN OF 3 BALANCER BULLS



**BAG GRADY 28G**  
Sired by GRU Early encounter  
REA 14.97" @ 1171 pounds | IMF 3.39  
DOB 2/21/2019 | 50% Balancer

Other sires include: Lazy TV Rapture, BAG Diamond Back & CTR Sandhills

Stuart Jarvis



Phillipsburg, KS • e-mail: bararrow@bararrow.net  
785/543-5177 N • 785/543-0120 C  
Cody: 785/309-6455  
Kayla: 785/302-8429

**Bar Arrow  
Cattle  
Company**

## AUCTION

SATURDAY, MARCH 7, 2020 — 9:00 AM  
Due to death we will sell the following items at public auction at the farm located from CLAY CENTER, KS 13 miles north on Hwy. 15 to Hwy. 9 (Parallel Rd.), then 2.25 miles west to 1187 Parallel Rd., or about 7 miles east of CLIFTON, KS.

**TRACTORS & MACHINERY**  
White 4-270 4WD tractor, duals, 3pt.; White 185 tractor, duals, 3 pt.; White 2-125 tractor with loader; Case IH 3950 disk; Landoll 1440 40ft. field cultivator w/3 row tine leveler, nice; Great Plains Solid Stand 30 folding drill w/dbl. disc openers; Allis 8 row 3pt. planter, shedded; Sunflower 4015 Soil Saver sub-soiler; White 2588 10B on-land plow; Ford 152 6B plow; White 549 6B plow; Big Ox 7 shank 3 pt. V-ripper; another 7 shank 3 pt. V-ripper; Allis 8 row 3pt. Lilliston style cultivator; very large spike tooth harrow on pull type folding carrier; Landoll 22ft 3pt. anhydrous applicator; Krause #904 folding 20ft. disk; gravity flow wagon; dry fertilizer spreader, shedded; 6 & 8 inch PTO augers; pull type Noble blade w/3 4ft. blades; Massey Ferguson 160 PTO manure spreader; 3pt 10 wheel rake; lg. old folding Danish tine cultivator; post hole digger; 4 wheel trailer w/hay feeder.

**NON-RUNNING TRACTORS, MACHINERY & TRUCKS**  
White 2-155 tractor; Gleaner R70 combine w/ air cooled engine and rigid header; mid 70s GMC C65 grain truck w/22ft. bed; mid 70s Chevy C60 grain truck w/16ft. bed; early 50s Chevy farm truck for salvage; late 1990s Chevy pickup; Hesston 580 BR baler; Hesston 1014 hydro-swing wather; dk grain vac, needs repair; 6x16ft. bumper hitch stock trailer, needs floor & tires, other older trailers.

**ANTIQUÉ TRACTORS, THRESHERS & MACHINERY**  
John Deere AR; 2 Oliver 70s, one is on steel; Farmall H with loader & blade; IHC threshing machine, appears complete; 3 partial threshing machines; 2 small old Massey Harris model 35 combines; Allis pull type combine; Allis round baler; several plows; about 50 more pieces of old machinery and a large volume of scrap iron. Several large iron piles.

**LIVESTOCK EQUIPMENT, BINS, FUEL BARRELS, SHOP TOOLS & MISC.**  
2-1,000 gallon fuel barrels w/110V pumps, not used for some time; lots of T-posts, some are new; rolls of wire; (17) 12ft square tubing portable panels; 2 big round bale feeders; (7) 2,500-bu. grain bins & (6) 1,000-bu. grain bins; 2 lathes, 2 standing presses, circular bolt bin; welders; cutting torch & bottles; like new porta power & 3/4" socket set; hundreds of wrenches of all sizes; lots of sockets and other hand tools; long handled tools; tap & die sets; tons more. **The shop is stacked 5 deep and we plan to sell a huge amount of it in one lot. Many other items too numerous to mention.**

**GUNS (sell at 10:00)**  
Colt 45 knockoff, very high quality, SN 1940; Winchester 1890 22L; H&A single shot 22, rough; (No paperwork required.)

**ANTIQUES & COLLECTIBLES**  
4 anvils; several forges & blowers; old scales; standing corn shellers; old signs; lots of primitives, old parts etc.

**NOTE: The Kahrs have been on this place for over 100 years. This is a large sale. May run 2 rings if needed. 30 days for removal. Lunch on grounds.**

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

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

Go to [kretzauctions.com](http://kretzauctions.com) or [kansasauctions.net](http://kansasauctions.net)

**DELMER KAHR'S ESTATE, SELLER**

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



# What's all the hype about industrial hemp?

**By Adaven Scronce, Diversified agriculture and natural resource agent, Wildcat Extension District**

In April 2018 the Kansas Governor signed a bill that enacted the Alternative Crop Research Act and led to the production of industrial hemp being legal in Kansas. This bill made Kansas one of 42 states where industrial hemp is legal to grow. The Kansas Department of Agriculture reported that there were 207 growers in 2019. However, these growers faced challenges due to hemp production being new in Kansas and no available information regarding the best practices for growing industrial hemp in the Kansas climate and soils. There are two different varieties of industrial hemp that can be grown, one is a grain and fiber crop and the other is grown for cannabidiol (CBD oil). Last year the majority of people in Kansas who grew industrial hemp grew the variety for CBD oil production.

While there is a lot of interest in growing industrial hemp in Kansas and nationwide, there are also many who are hesitant and waiting to see if the interest in industrial hemp will last and if there will be a reliable market for it, or if it is just the lat-

est fad. To find out more about industrial hemp production in Kansas, Kansas State University did industrial hemp research trials at three locations across the state. Recently, Kansas State University Research and Extension held an Industrial Hemp Conference in Wichita where researchers discussed what they have learned from the research trials and the challenges industrial hemp growers face.

It seems that when industrial hemp is discussed it is commonly in relation to CBD oil production. However, industrial hemp can also be grown for grain and fiber production. Although both types are referred to as industrial hemp there are differences between the two varieties and how they are grown. Grain and Fiber Industrial Hemp is grown from seed and both male and female plants are grown, with pollen being necessary for Grain and Fiber Industrial Hemp to grow. Grain and Fiber Industrial hemp rarely has tetrahydrocannabinol (THC) levels that go above the .3 percent limit and it is considered an agronomy crop that is grown in fields, with the grain or stem being harvested. Industrial hemp for CBD oil

production is grown from clones and only female plants are grown. When industrial hemp is grown for CBD oil, pollen is considered the enemy and is not needed or wanted as pollination increases the THC levels of the plant. This type of hemp is commonly grown in greenhouses and is considered to be a horticulture crop with the flowers being the part of the plant that is harvested.

Two of the main challenges that industrial hemp growers in Kansas have are pest management and disease control. Controlling pests is one of the biggest challenges growers face, because there are currently no pesticides approved in the state of Kansas for use on industrial hemp. It is also important to note that pesticides have been found to raise THC levels in plants, and if the THC level is above .3 percent the whole plant must be destroyed. The common pests for Grain and Fiber Industrial Hemp are aphids, cucumber beetle, Eurasian Hemp Borer, caterpillar, and birds. Common pests for CBD Hemp are aphids, army worms, and russet mites. Insect and mite pests will feed on the leaves, stem, and the bulb/seeds of the plant. To prevent or get ahead

of pest damage researchers recommend scouting fields at least once a week to look for signs of insect damage, making sure to check the underside of the leaf. Forceful water spray, spraying water on plants that you notice harmful insects on, to remove the insects from the plant, or planting trap crops around the field where industrial hemp is planted are a couple options researchers recommend to help prevent insect damage to plants. Trap crops are plants insects will find more desirable and are planted so the insects will eat those plants instead of the industrial hemp. When it comes to disease, researchers said it is important to remember that what may initially look like disease could actual-

ly be damage to the plant caused by insects or the environment. Although, it is common for industrial hemp to get viruses and fungal diseases that favor humid conditions, especially with varieties grown in green houses for CBD oil production. To help prevent disease it is important to avoid puddles of water and buildup of plant debris in the greenhouse. Common damage to industrial hemp grown for CBD oil that results from an unfavorable environment is powdery mildew and gray mold. Another challenge growers face once the crop has been grown and harvested is selling their crop. At the time of the K-State Industrial Hemp Conference it was reported that only a third of Kansas growers had sold their

crop, researchers noted that while there are many uses for hemp fiber, it needs to be marketed.

While growing industrial hemp comes with challenges related to pest and disease control and there is still work to be done when it comes to finding a market for industrial hemp once it has been harvested, there is also progress being made in developing pesticides that are approved to use on Industrial Hemp and researchers studying the most effective ways to grow industrial hemp for both for CBD oil and grain and fiber production.

For more information, contact Adaven Scronce, Diversified Agriculture and Natural Resource Agent, adaven@ksu.edu or (620)331-2690.

## Kansas Corn collegiate programs honor academy, scholarship winners

• Cont. from page 22

along with other industry meetings.

"The academy opened my mind to all that this industry has to offer and gave me a new appreciation for everything Kansas corn farmers face on a daily basis," says Allayna Hanson, Collegiate Academy Class 2 graduate. "Whether I join the industry after graduating college this spring or go back to work on my family's farm, I will carry this experience with me. I had the opportunity to witness first-hand how organizations like Kansas Corn make an impact on policy and market development to better our industry."

Kansas college students enrolled in two-year or four-year post-secondary schools are eligible to apply. For more information on the collegiate academy and other collegiate programs visit [kscorn.com/corn-on-campus/](http://kscorn.com/corn-on-campus/)

Collegiate Academy

Graduates	Colton Sutterby,
Allayna Hanson, Concordia, Agricultural Economics	Savonburg, Agribusiness with minor in Agronomy
Maria Kimzey, Fredonia, Agricultural Economics	Ashley Swaim, Delia, Agronomy
Eli Ohlde, Clyde, Agriculture	Mardi Traskowsky, Herington, Milling Science and Agricultural Economics

**\*\*AUCTION\*\***

**FRIDAY, MARCH 6 — 11:00 AM**  
**AUCTION LOCATION: 15901 E 77th St N, BENTON, KS 67017**  
**Darryl & Marsha Meyersick, Sellers**

**EXTREMELY WELL MAINTAINED & CARED FOR EQUIPMENT**  
**Tractor:** 2007 JD 7830 3266 Hrs. **Combine:** 2009 JD 9670 STS Combine 2k Hrs, 1.35k Hrs Separator. **Trucks:** 2005 IH 4400 DT466 Grain Truck 5sp, 119k Miles \* 2003 FL-80 Freightliner Grain Truck 138k Miles \* 1979 Brigadier GMC, 5sp, 200k Miles, 3208 Cat Diesel, 22' Knapheide Bed, Grain Sides w/Rollover Tarp \* 1974 Ford, 5sp, Hi/Lo, 3208 Cat Diesel, 204k Miles, 20' Bed Grain Sides, Rollover Tarp. **Trailers:** 2014 26' Jet Grain Trailer Single Compartment \* 1999 26' Jet Grain Trailer Single Compartment. **Implements & Equipment:** Brent 620 Grain Cart, 650 Bu. \* 2003 Sunflower 9433, 30 Ft Grain Drill \* JD 1760 Max Emerge Planter 30', 12 row \* Creswell Fertilizer Kart 1400 Gal \* JD 3 Pt Rotary Mower \* JD 712 Mulch Tiller \* QuinStar Picker Attachment \* Harvest 30' Header Trailer \* Mauer 33' Header Trailer \* John Deere 1293 Corn Head \* MacDon FD 75-5 Flex Draper Header \* John Deere 210 Grain Cart \* Aereator Tubes & Motors \* Brock 21' Grain Bin 5500 Bu \* 18' Grain Bin 3300 Bu \* Sweep Augers \* 3 Sets of Combine Concaves \* Trimble Auto Pilot for Tractor or Combine \* Mayrath 10"x61" Transport Auger PTO \* Kan-Am 14' Blade \* Bin Extensions for John Deere Combine 9660, 9770, 9670 Portable Loading Chute \* Small Grain Mixer 110 \* Gates & Panels \* Wire \* Hog Shed on Skids 300 & 500 Gal Propane Tanks \* 2 Auger Hoppers \* 6" x 15' Transport Auger Electric Motor \* Hutchinson 6"x27' Transport Auger \* 30' & 40' Radio Tower \* 3% Buyers Premium

**SUNDGREN AUCTION & LAND BROKERS**  
**JOE SUNDGREN: 316.377.7112 JEREMY SUNDGREN: 316.377.0013**  
 Visit our Website for more details: [www.sundgren.com](http://www.sundgren.com)

**ONLINE ONLY AUCTION**

**PRIDE AG RESOURCES AUCTION #4**

Bidding Opens Wednesday, February 26: 8 a.m. CST • Soft Closes Wednesday, March 4: 8 p.m. CST  
**PICKUP: Friday, March 6, 3-6 PM @ 1019 W. Main, Lyons, KS**

<https://hollingerauction.hibid.com/auctions/current>

**Selling lots from closed Gt. Bend Store:** All New Merchandise-most in original packaging: 368 Lots include Landscape Décor, Tools, Cleaning Supplies, Kitchen & Bath Supplies, Seasonal Decorations, Door Bottom Protectors, Furnace Filters.

**HOLLINGER ONLINE AUCTIONS — Lyons, Kansas**  
**Jim & Mary Hollinger, Auctioneer/Manager: 620-257-8147**

**ANTIQUUE AUCTION**

**SATURDAY, FEBRUARY 29, 2020 — 10:00 AM**

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

**PRIMITIVES & COLLECTIBLES**  
**Railroad inc:** 14 lanterns (GC & SFRY, MKT, PRR, B&O, Wabash, Frisco, CM-STP&O, CGWRR, Pullman, Rock Island; ATSF conductor stool); Western Union Telegraph deliveryman bicycle stand; **Signs:** (Minneapolis Moline, Standard Oil, Wolf's Head double side; Drink Coca in Bottles; Drink Coca Cola porcelain; Railway Express; Friedman Shelby Shoe double side; Fitch Shampoo poster; Sinclair clock; Dr Pepper clock); Indian pottery Santa Clara baskets, weavings, other items; 1950s Coke cooler radio; Coke clocks & cooler; 1930s WPA dolls made in Wichita; SantaFe clock; Karpen club car chairs; oak chair other railroad items; Georg Jenson cuff links; 50 quilts; Pendleton blankets; Artwork, prints, oils, some signed; **Hundreds of pieces jewelry, gold, sterling,** Bakelite, celluloid, turquoise, costume, rings, bracelets, pins, necklaces; 30 pieces Fenton; Art Pottery; 50 pieces Pyrex; Kutani Dragonware Geish lithopane; stain glass hanging lights; oak wall telephone; 1916 Jefferson Co atlas; 20 Goebels & Hummels; **TOYS:** Tonka; Structo; metal & plastic cars, trucks, airplanes; model cars; many Marx toys; Hot Wheels red line; Matchbox; Corgi; Tootsie toys; board games; Lionel, Marx & Fleischmann HO trains; 1/16 tractors (JD Precision 3010, 70, 8410); AC190;

Case 2594; other tractors; Barbie; Ken; Starwars; doll houses; Horseman, Madam Alexander dolls; Buck Rogers ray gun & decoder; Orphan Annie, Shirley Temple items; Gene Autry gun, books, other; 1940s Superman-Tim comic books; assortment other comics; 20 BB guns; Pelham puppet; space age toys guns, other; Lionel 1996 Sears Central train nib; 1988 Topps football cards; BEER; Muehlebach tip trays; beer lights; signs; clocks; bottles; trays; other; marble Canyon metal horse plates; cast iron cookware; Mid Century items; Starburst clock; wicker chairs; GE fan; Nehi 6 gal wood box; very large assortment of other collectibles.

Check our web site for pictures at [www.thummelauction.com](http://www.thummelauction.com). This is a large auction, there are many toys and other items.

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

**Annual Production Sale**

**SATURDAY, MARCH 14, 2020**

576 E 1260 ROAD BALDWIN CITY, KS 66006 5:30 PM CST

**REAL ESTATE AUCTION**

**THURSDAY, MARCH 12, 2020 — 10:00 AM**

Auction will be held in the Andersen Building 220 W. 5th — CONCORDIA, KANSAS

**TRACT 1: NW ¼ 17-6-4 Cloud Co. Kansas**  
 The farm is located at SE corner Plum & 70th Roads. 157.09 farmland acres with 122.65 acres crop, 34.44 acres grass. The bases are wheat 83.9 with 34 bu yield, grain sorghum 11.72 with 62 bu yield, soybean 23.45 with 27 bu yield for a total of 119.08 base acres. 2019 taxes were \$2,588.34.

**TRACT 2: SE ¼ SE ¼ 33-5-4 Cloud Co. Kansas**  
 The farm is located at Rock & 90th Roads. 38.05 farmland acres with 38.05 acres crop. The bases are wheat 26.06 with 34 bu yield, grain sorghum 3.64 with 62 bu yield, soybean 7.28 with 27 bu yield for a total of 36.98 base acres. 2019 taxes were \$689.62.

**TRACT 3: W ½ W ½ 24-6-5 Cloud Co. Kansas**  
 The farm is located along 50th Road between Noble & Oat roads. 154.42 farmland acres with 123.97 acres crop, 30.45 acres grass. The bases are wheat 84.77 with 34 bu yield, grain sorghum 11.84 with 62 bu yield, soybeans 23.68 with 27 bu yield for a total of 120.29 base acres. 2019 taxes were \$1,939.66.

**TRACT 4: NE ¼ 29-5-4 & South of railroad in SW 20-5-4 Cloud Co. Kansas**  
 The farm is located along Highway 28 on 80th Road. 175.53 farmland acres with 145.33 acres crop, 30.20 acres creek. The bases are wheat 93.6 with 34 bu yield, grain sorghum 13.07 with 62 bu yield, soybeans 26.15 with 27 bu yield for a total of 132.82 base acres. 2019 taxes were \$2,992.94.

**TRACT 5: NE ¼ 32-5-4 Cloud Co. Kansas**  
 The farm is located ½ mile South of Highway 28 on 80th Road. 158.33 farmland acres with 148.78 acres crop, 9.54 acres waste. The bases are wheat 108.33 with 34 bu yield, grain sorghum 15.12 with 62 bu yield, soybeans 30.27 with 27 bu yield for a total of 153.72 base acres. 2019 taxes were \$3,319.56.

**TRACT 6: W ½ NW ¼ 12-7-5 Cloud Co. Kansas**  
 The farm is located on Key & 50th Roads. 83.70 farmland acres with 83.70 acres of grass. 2019 taxes were \$341.44.

**TRACT 7: S ½ NW ¼ 18-5-4 Cloud Co. Kansas**  
 The farm is located on 60th Road. 78.67 farmland acres with 76.23 acres crop. The bases are wheat 51.82 with 34 bu yield, grain sorghum 7.24 with 62 bu yield, soybeans 14.48 with 27 bu yield for a total of 73.54 base acres. 2019 taxes were \$1,521.84.

**TRACT 8: W ½ SE ¼ 30-5-4 Cloud Co. Kansas**  
 The farm is located corner of 28 Highway and 60th Road. 78.03 acres with 49.54 acres crop, 25.72 acres trees & grass. The bases are wheat 33.39 with 34 bu yield, grain sorghum 4.66 with 62 bu yield, soybeans 9.33 with 27 bu yield for a total of 47.38 base acres. There is a 5 room 1148 sq. ft. house w/2 bedrooms, 1 bath, ½ basement. The house is in need of work. The seller will do no inspections or repairs on the house. Purchaser has until March 12, 2020 to inspect the home. All statements made day of auction take precedence over printed material. 2019 taxes were \$1,760.08.

**TRACT 9: N ½ NE ¼ NW ¼ 31-5-4 Cloud Co. Kansas**  
 The farm is located southeast of tract 8. 20.21 farmland acres with 10.35 acres crop, 9.14 acres trees & grass. The bases are wheat 6.98 with 34 bu yield, grain sorghum .96 with 62 bu yield, soybeans 1.95 with 27 bu yield for a total of 9.9 base acres. 2019 taxes were \$221.68.

**TRACT 10: 8.9 ACRES in S ½ NE ¼ 31-5-3 Cloud Co. Kansas**  
 The farm is located West of Concordia on Highway 9 Northwest of the power transformers and South of the railroad. The bases are wheat 4.44 with 51 bu yield, soybeans 4.46 with 46 bu yield. 2019 taxes were \$191.60.

**TRACT 11: .52 ACRES in BLOCK 1 LOT 13 JAMESTOWN, KANSAS**  
 Lot on Webster street in Jamestown. 2019 taxes were \$61.84










**Possession** will be upon closing on for before April 30, 2020. All farms are enrolled in ARC County program.

**Terms:** 10% of purchase price as down payment day of auction, the balance will be due upon closing on or before April 30, 2020.

Down payment will be escrowed with Condray Law Office. Escrow fees will be split 50/50 between seller & purchaser. Title insurance will be used, the cost will be split 50/50 between seller & purchaser.

Thummel Real Estate & Auction LLC is acting as seller agent. **All statements made day of auction take precedence over printed material.**

**LARRY CRUM TRUST**  
 Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC  
 785-738-0067

<p><b>MAY-WAY 316 901</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+7</td><td>+1.7</td><td>+84</td><td>+148</td><td>+\$182</td></tr> </table> <p>SIRE: 316 MGS: BLACK GRANITE</p>	CEU	BW	WW	YW	SB	+7	+1.7	+84	+148	+\$182	<p><b>MAY-WAY 316 922</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+12</td><td>-1.5</td><td>+61</td><td>+107</td><td>+\$134</td></tr> </table> <p>SIRE: 316 MGS: MAY-WAY PERFECTION</p>	CEU	BW	WW	YW	SB	+12	-1.5	+61	+107	+\$134	<p><b>MAY-WAY OFFROAD 934</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+3</td><td>+2.8</td><td>+68</td><td>+125</td><td>+\$164</td></tr> </table> <p>SIRE: MAY-WAY OFFROAD MGS: INSIGHT</p>	CEU	BW	WW	YW	SB	+3	+2.8	+68	+125	+\$164
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<p><b>MAY-WAY HOMEGROWN 1808</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+10</td><td>-2.0</td><td>+59</td><td>+110</td><td>+\$139</td></tr> </table> <p>SIRE: HOMEGROWN MGS: GAVEL</p>	CEU	BW	WW	YW	SB	+10	-2.0	+59	+110	+\$139	<p><b>MAY-WAY ACCLAIM 1847</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+6</td><td>+0.2</td><td>+70</td><td>+142</td><td>+\$185</td></tr> </table> <p>SIRE: ACCLAIM MGS: APOLLO</p>	CEU	BW	WW	YW	SB	+6	+0.2	+70	+142	+\$185	<p><b>MAY-WAY UNANIMOUS 1824</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>-3</td><td>+2.9</td><td>+82</td><td>+150</td><td>+\$162</td></tr> </table> <p>SIRE: UNANIMOUS MGS: PIONEER</p>	CEU	BW	WW	YW	SB	-3	+2.9	+82	+150	+\$162
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CEU	BW	WW	YW	SB																												
-3	+2.9	+82	+150	+\$162																												
<p><b>MAY-WAY OFFROAD 933</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+10</td><td>+0.4</td><td>+69</td><td>+120</td><td>+\$156</td></tr> </table> <p>SIRE: MAY-WAY OFFROAD MGS: CASH</p>	CEU	BW	WW	YW	SB	+10	+0.4	+69	+120	+\$156	<p><b>MAY-WAY EQUITY 1813</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>-1</td><td>+3.8</td><td>+86</td><td>+148</td><td>+\$152</td></tr> </table> <p>SIRE: MAY-WAY EQUITY MGS: MAY-WAY PERFECTION</p>	CEU	BW	WW	YW	SB	-1	+3.8	+86	+148	+\$152	<p><b>MAY-WAY PERFECTION 923</b></p>  <table border="1"> <tr><th>CEU</th><th>BW</th><th>WW</th><th>YW</th><th>SB</th></tr> <tr><td>+13</td><td>-0.3</td><td>+64</td><td>+111</td><td>+\$120</td></tr> </table> <p>SIRE: MAY-WAY PERFECTION MGS: MAY-WAY EQUITY</p>	CEU	BW	WW	YW	SB	+13	-0.3	+64	+111	+\$120
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CEU	BW	WW	YW	SB																												
+13	-0.3	+64	+111	+\$120																												

Selling 50 head of 2 yr old & 13 mo old bulls  
 Selling 15 head long yearling bulls

Offering bulls sired by:  
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Henry C. Gardiner Scholarships were awarded to, from left: Abbey Schiefelbein, Kimball, Minn.; Katie Lybarger, Garnett; Colton Ivers, Austin, Minn.; Hannah Williams, Kearney, Neb.; and Annie Schoetmer, Batesville, Ind., for 2020-2021.

## 2020-2021 Henry C. Gardiner Scholarship winners announced

In the most diverse and competitive applicant pool to date, 19 candidates representing 11 states competed for the coveted 2020-2021 Henry C. Gardiner Scholarship awards. Five students were selected and will receive financial assistance for their academic excellence and commitment to making a difference in agriculture. The Henry C. Gardiner Scholarship is designed to identify Kansas State University students with animal sciences and industry as their chosen major and with the greatest potential to make a difference in the future of the beef industry.

All candidates must complete a detailed application. A designated panel conducts a rigorous interview with each of the finalists. Applicants are evaluated on academic excellence, work ethic, leadership potential and attitude. Recipients must express an interest in animal genetics, animal nutrition, animal health, reproductive management, agribusiness management or marketing.

The five students selected to receive 2020-2021 Henry C. Gardiner Scholarships are:

Colton Ivers, Austin, Minnesota, is a junior and a member of the K-State meats judging team. Colton plans to return to his family's farm and grow their seedstock operation.

Katie Lybarger, Garnett, is a junior and also a member of the K-State meats judging team. Katie plans to pursue a master's degree in meat science.

Abbey Schiefelbein, Kimball, Minnesota, is a junior majoring in food science. Abbey plans to work in research and development helping to create more nutritious and affordable food, thereby decreasing food insecurity.

Annie Schoetmer, Batesville, Indiana, is a

senior planning to pursue her master's in meat science. Her interests and experience have influenced her decision to focus on developing more palatable lamb protein products.

Hannah Williams, Kearney, Nebraska, is a junior meat science major as well. Hannah was raised on her family's generational Hereford operation and has diverse interests ranging from animal health in the cattle feeding sector to meat science research.

"The five students selected to receive scholarships for 2020-2021 represent everything we all want to believe about the future of agriculture. Their areas of interest represent the diversity our industry must embrace to bring about change," said Mark Gardiner. "Henry Gardiner's curiosity and continuous search to make genetic improvement through better science, technology and education serves as a role model for these students. We are confident the five students selected will benefit from this scholarship, complete their educations and go on to become future industry influencers."

The endowed Henry C. Gardiner Scholarship is possible through the generous contributions of Gardiner customers, friends and family in an effort to continue the legacy of Henry Gardiner. Students classified as a rising-junior, junior or senior, either enrolled in or planning to enroll at Kansas State University with a major in Animal Science and Industry or closely related field may apply. Scholarships are awarded annually to students meeting rigorous criteria and exhibiting a commitment to focus on improving the beef industry and food animal production.

More information can be found at [www.gardinerangus.com](http://www.gardinerangus.com).

## JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from February 19, 2020

STEERS		HEIFERS			
4 blk X	493	196.00	5 mix	354	148.00
16 blk	502	183.00	3 mix	473	143.00
12 blk	562	176.50	3 Red	555	135.00
4 blk	615	169.50	17 Red	639	133.75
9 blk	654	166.50	13 blk	648	132.75
8 blk	681	154.00	11 Red	739	130.50
59 mix	712	152.50	5 blk X	773	126.50
15 blk	830	140.60	10 blk	816	126.00
50 blk X	826	140.00	9 blk	919	124.00
19 blk	871	137.10	<b>TOP BUTCHER COW:</b>		
59 mix	865	136.75	<b>\$67.00 @ 1,463 lbs.</b>		
37 blk X	913	133.50	<b>TOP BUTCHER BULL:</b>		
66 mix	933	125.25	<b>\$74.50 @ 1,605 lbs.</b>		
55 blk	1019	124.50			

### CONSIGNMENTS FOR FEBRUARY 26:

25 blk hrs.....600-750 lbs.  
 55 blk X str.....950-1000 lbs.  
 105 blk Red X str.....900-925 lbs.

PLUS MORE BY SALE DAY!



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

## CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from February 18, 2020

STEERS		HEIFERS			
3 blk	312	203.00	11 blk	448	160.00
2 blk	420	199.00	2 blk	505	139.00
10 blk	493	189.00	4 mix	623	137.00
8 blk	542	179.00	16 blk	660	134.50
4 blk	630	164.00	33 blk	740	133.50
16 blk	683	154.00	18 blk	843	131.00
28 mix	739	150.25	45 blk	839	130.25
19 mix	823	141.50	<b>TOP BUTCHER COW:</b>		
28 blk	839	138.75	<b>\$69.00 @ 1,725 LBS.</b>		
20 blk	857	138.50	<b>TOP BUTCHER BULL:</b>		
39 blk	937	133.50	<b>\$83.50 @ 1,940 LBS.</b>		
62 blk	934	132.85	<b>BRED COWS:</b>		
16 blk	1018	125.00	<b>\$725.00 - \$925.00</b>		
3 blk	310	162.00			



JUNCTION CITY, KANSAS • Barn Phone 785-238-1471

Seth Lauer 785-949-2285, Abilene

Clay Center, Ks • Barn Phone 785-632-5566

Clay Center Field Representatives: Tom Koch, 785-243-5124 Lance Lagasse, 785-262-1185

KARL LANGVARDT

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MITCH LANGVARDT

Cell: 785-761-5814

LYNN LANGVARDT

Cell: 785-761-5813

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Compass x Confidence - 19551271



Lot 47

Flat Top x Thunder - 19549815

Outstanding sons of GAR Ashland, Baldrige Bronc, Basin Payweight, DL Dually, Werner Flat Top, S Powerpoint, Ellingson Homestead, SAV Resource, Basin Paycheck and more. Come and compare!

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A solid commitment to our customers

Proven, profitable cattle for the beef industry ~

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## EMPORIA LIVESTOCK SALE CO.

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SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM

620-342-2425 or 800-835-7803 toll-free • Fax: 620-342-7741

Date: 2/19/20. Total Head Count: 1,600. COWS: \$58-\$70; \$47-\$57.75; \$46 & down. BULLS: \$85-\$91

HEIFERS		STEERS	
7 blk	376@182.00	12 blk	483@187.00
4 mix	434@165.00	4 mix	553@166.00
10 blk	485@165.00	10 blk	611@167.00
8 mix	510@167.00	8 blk	621@162.00
8 mix	524@157.50	5 mix	637@157.00
18 mix	543@156.00	4 wf	630@152.50
4 blk	596@146.00	21 mix	664@149.00
4 blk	596@144.00	6 blk	666@149.00
10 mix	612@169.00	7 blk	682@147.00
8 mix	658@149.00	52 blk	722@152.00
11 blk	610@147.00	9 mix	714@146.75
8 blk	681@145.00	12 blk	763@146.00
5 blk	639@144.50	5 blk	729@145.50
4 blk	621@142.00	22 blk	769@145.50
13 mix	617@140.00	8 mix	781@141.75
4 wf	621@139.00	8 blk	771@139.75
7 mix	666@138.00	10 mix	706@139.50
4 blk	691@138.00	8 blk	785@135.00
13 mix	687@137.00	121 mix	792@131.50
4 mix	674@135.50	4 mix	736@130.00
5 blk	645@135.00	57 blk	811@143.50
5 blk	686@133.50	28 blk	829@141.50
16 mix	698@132.25	26 mix	867@136.50
10 wf	743@140.50	23 blk	891@136.00
34 blk	746@134.75	16 wf	802@135.75
12 blk	704@133.75	24 blk	860@135.50
15 blk	762@133.75	64 mix	818@135.00
12 mix	750@132.00	6 mix	854@134.00
7 blk	774@130.00	6 mix	816@133.00
17 blk	788@129.75	151 mix	839@131.85
5 mix	727@128.50	32 mix	869@131.75
5 blk	768@128.25	56 mix	875@129.25
30 mix	798@127.85	13 blk	946@120.75
6 mix	821@124.50	11 wf	957@136.75
15 wf	842@121.75	13 blk	957@126.00
9 mix	928@124.25	12 mix	967@125.50
4 blk	906@124.00	53 mix	969@125.25
6 blk	911@122.50	54 mix	1081@125.50
10 mix	422@191.00	7 mix	1018@125.00
5 mix	463@189.00	7 blk	1018@125.00
		19 mix	1044@124.00
		16 mix	1075@121.50

**EARLY CONSIGNMENTS FOR FEB. 26**

• 160 mix str, 800-900 lbs. PLUS MORE BY SALE TIME

**EARLY CONSIGNMENTS FOR MAR. 4**

• 180 mix str, 800-900 lbs. PLUS MORE BY SALE TIME

**EARLY CONSIGNMENTS FOR MAR. 11**

• 435 mix str, 800-900 lbs. PLUS MORE BY SALE TIME

THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT! YOUR BUSINESS IS ALWAYS APPRECIATED!

For Cattle Appraisals Call:

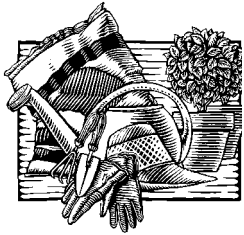
BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607

LYLE WILLIAMS, Field Representative, 785-229-5457

WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.

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





# Yard & Garden Tips

By Gregg Eyestone

## See You at the Home Show

The Flint Hills Home Show put on by the Flint Hills Area Builders Association is the weekend of February 29 and March 1. Riley County, K-State Research and Extension office and Extension Master Gardeners will have an informational booth at the show. Stop by and talk with us and enter to win a pair of garden tour tickets.

Admission is just \$5 per person over 12 years of age. The show is in the National Guard Armory at 721 Levee Drive in Manhattan. Saturday show hours are 9 a.m. to 5 p.m. Sunday will open at 11 a.m. and the show will end at 4 p.m.

There are over 100 booths to view and talk with the vendors. That includes several landscape businesses. A food court is available to alleviate your hunger. Children are welcome to play in the area designed to meet their needs.

Extension Master Gardeners will have a display and information on container gardening. Container gardening is available for everyone. They can be used on front porches, balconies, patios, on fences and even inside. Houseplants are the original container gardens.

Plants will grow best in a growing media than regular garden soil. Growing media will provide space for oxygen needed by the plant roots. The use of fertilizer either as a dry product mixed into the media or as a frequent liquid application is required.

A wider container will need less watering than a tall container. The water will drain faster in a tall container. Container plants during the summer may need watered daily. Monitor the plant and check the moisture in the container by using a finger.

Most plants are suited

for growing in a container. Vegetables that I grow include tomatoes, peppers, carrots, lettuce, spinach and broccoli. My front step in the summer always has a pot of wishbone flowers. Herbs do very well in a container. I keep one with cilantro year-round inside.

You are invited to become a Master Gardener with training beginning in the fall on September 3. Ask any of the volunteers about the program. The main requirement is to learn and share that knowledge.

You can find out more information on this and other horticulture topics by going to the Riley County, K-State Research and Extension website at [www.riley.ksu.edu](http://www.riley.ksu.edu). Gregg may be contacted by calling 785-537-6350 or stopping by 110 Courthouse Plaza in Manhattan or e-mail: [geyeston@ksu.edu](mailto:geyeston@ksu.edu).

# FDA stall tactics hurting United States agriculture

The U.S. Food and Drug Administration's (FDA) misrepresentation of a gene-edited livestock research project is its latest stall tactic designed to rationalize a regulatory grasp on an emerging technology that must be regulated by the U.S. Department of Agriculture (USDA) if the United States is to maintain its global leadership position in agriculture.

"While countries like China, Canada, Brazil and Argentina are moving quickly on this advance to gain competitive advantage, the United States is falling far behind because of the FDA's precautionary regulatory approach," said NPPC president David Herring, a hog farmer from Lillington, N.C. "Under FDA regulation, gene editing faces an impractical, lengthy and expensive approval process. Unless we move oversight to the USDA, we are ceding a technology that promises significant animal health benefits, including immunity to disease and reduction in the need for antibiotic use, to other countries and jeopardizing hundreds of thousands of American jobs."

A published FDA analysis of the research project involving two gene-edited

calves omitted important information, including the following:

As noted in the FDA analysis, unintended alterations materialized in the gene-edited calves. However, the FDA failed to recognize that the animals in question were never intended for the food supply or to be presented for regulatory approval. They were part of a carefully controlled research program at a major university, and their genomes were made freely available to the scientific community in order to advance the study of gene editing in agricultural animals. The scientists involved fully intended scrutiny and will publish their own detailed analysis of their program—including the insertion of this foreign genetic material—in order to be transparent and to foster scientific dialogue about this promising new technology.

The technique used to edit these animals continues to be refined and is not used for all applications of gene editing in animals. Edits that seek to "knock out" a gene (in order, for example, to eliminate vulnerability to disease) do not utilize foreign DNA

as was the case in the research project analyzed. Regardless, these are findings that would come to light under any reasonable regulatory review process and are in no way unique to the FDA's approach of regulating gene edited animals. Presenting these findings as a major roadblock to adoption of this technology is a gross mischaracterization.

The FDA's misleading claims are only adding to the chilling effect their regulatory framework is having on this technology. Their "gotcha" approach inhibits much-needed investment and completely misrepresents the scientific community's intent to be transparent about the development of potential gene edits and how they may someday be deployed.

To date, the FDA has not responded in a meaningful way to the comments they received concerning the ramifications of their proposed regulatory process. Meanwhile, other countries are moving forward with appropriate, risk-based pathways for approval of a technology that will give them an edge over American agriculture.

## Beef checkoff wins crucial court decision

In late January Magistrate Judge John Johnston issued his opinion recommending summary judgment to the government in the case of R-Calf vs. Sonny Perdue. Both sides will have 14 days to respond to the magistrate's ruling before the decision goes to District Court Judge Brian Morris.

Upon receipt of the magistrate's opinion, and any reply from R-Calf, USDA and intervenors, the District Judge may accept, deny or amend the magistrate's opinion. There is no deadline for the district judge's opinion to be issued, and nothing changes until the opinion is issued.

"The beef checkoff

continues to provide important benefits for cattle producers in the form of research and promotion that returns nearly \$12 for every dollar invested in the program. The beef checkoff is weakened, and the benefits it provides our industry are put in jeopardy by lawsuits such as this one," said Colin Woodall, NCBA CEO.

"We're committed to defending state beef councils from these attacks and ensuring producers at the grassroots level continue to determine how check-off dollars are invested in their states."

The ruling is an important step in the process, as it affirmed the government's position

that the 15 included state beef councils, including Texas, do operate with government oversight of their activities.

## Holton Livestock Exchange, Inc.

1/2 mile East of Holton, KS on 16 Highway

Livestock Auction every Tuesday at 12 NOON

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

MARKET REPORT FOR TUESDAY, FEBRUARY 18, 2020  
RECEIPTS: 1108 CATTLE  
FOR FULL RESULTS, VISIT OUR WEBSITE:  
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STEERS		HEIFERS	
4 blk red bulls	412@199.00	10 blk bwf str	763@145.50
4 blk str	420@199.00	7 blk str	801@141.00
8 blk str	458@198.00	10 blk bwf str	801@139.50
6 blk red str	452@196.00		
11 blk bwf str	520@182.50	19 blk hfrs	450@170.00
8 blk str	540@180.00	5 blk hfrs	393@165.50
11 blk str	584@171.50	6 blk char hfrs	470@158.00
8 blk bwf str	651@167.00	11 blk hfrs	565@154.50
10 blk char str	641@165.00	5 blk bwf hfrs	541@154.00
7 blk str	642@164.50	12 blk hfrs	562@149.00
20 blk str	661@159.50	6 blk hfrs	548@148.50
23 blk str	648@156.00	28 blk hfrs	594@147.50
12 mix str	690@153.75	11 red blk hfrs	581@146.00
5 blk str	718@150.50	14 blk hfrs	628@143.50
8 blk str	701@149.50	11 blk hfrs	661@138.50
23 blk str	727@149.00	11 blk hfrs	660@137.50
13 blk str	715@148.75	26 blk hfrs	669@137.50
8 blk str	678@146.00	14 blk hfrs	711@137.00
		6 blk hfrs	651@136.50

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South Hutchinson, KS  
[www.centrallivestockks.com](http://www.centrallivestockks.com)  
Office: 620-662-3371  
or Matt Hoffman (Owner): 620-727-0913  
Hay Auction- Every Tuesday at 9:00 a.m.  
Cattle Auction- Every Tuesday at 10:00 a.m.  
Hog/Sheep/Goat Auction- Every 3rd Saturday  
Horse/Tack Auction- Every 1st Saturday

**Sat., March 7<sup>th</sup> - Horse & Tack Sale**  
**Tues., March 10<sup>th</sup> - Calf/Yearling Special**  
**Sat., March 21<sup>st</sup> - Hog/Sheep/Goat Sale**

## VALENTINE LIVESTOCK AUCTION CO. Valentine, Neb.

THURSDAY, February 27, 2020  
Special Feeder & Replacement Heifer Sale  
S.T. 12:00 Noon Expecting 3200 hd

Listings:  
115 Ang hfrs NI B.V. 50 replacements .....650-750#.....C, C & C Gurney  
60 .bwf (F-1) hfrs B.V. not topped Van Newkirk .....700-800#.....Cody Cone  
185 bwf (F-1) (80), blk, few rd (160h-25s) NI .....525-675#.....Scheer Ranch  
100 bwf (F-1) (65) & blk hfrs NI B.V. not topped ....575-660#...Duane & Bev Tate  
400 blk str NI May/June born .....450-550#.....Antelope Creek  
180 bwf, blk str NI hayfed .....450-550#.....Sell Bros  
122 blk (96s-26h) NI hayfed green .....475-525#.....Bob Carr & Sons  
110 blk, bwf str NI hayfed .....450-525#.....John & Kort Hamilton  
140 blk & Ang (100h-40s) NI hayfed .....500-600#.....M, D, & B Dimond  
250 blk hfrs NI .....660-735#.....Witte Ranch LLC  
180 blk & Ang hfrs NI .....575-675#.....Dean Livermont Family  
175 Ang & blk hfrs NI B.V. A.I. genes .....575-675#.....Kurt Stolzenburg  
90 .blk hfrs NI .....600-650#.....L, D & C O'Kief  
75 .blk, bwf hfrs NHTC Littau genes .....550-650#.....Kleins Happy Acres  
150 blk str NI .....550-750#.....Scott Divan  
110 blk, bwf str NI Ang sired .....550-700#.....Howard, Chris & Beau Heinert  
162 blk (82s-80h) Risse genes .....600-675#.....Vandermay Cattle & Grain  
138 blk, blk-x (80h-58s) NI Carter & A.I. Ang sired .....600-675#.....Jim Heath  
94 .blk (60s-34h) NI long time good & Angus .....750-800#.....Jess & Eve Millar  
90 .Ang NI Connealy influence .....575-650#.....Tony & Mary Jo Walker  
80 .rd (60) & blk (20) NI .....500-600#.....Duck Bar Rn  
65 .blk & x-bred (50s-15h) NI .....600-700#.....Ronnie Sharkey  
50 .Ang & blk hfrs B.V. NI .....600-675#.....Wes Schmidt  
30 .Ang hfrs B.V. breedable .....600-700#.....Brett Galbraith  
20 .blk hfrs NI .....650-700#.....Dick Stiefel & Jeff Garwood

Plus more from Coyote Ridge, Lanka, Vandermay

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Greg Arendt, Mgr., C: 402-376-4701 Greg Nielsen, Fieldman, C: 402-389-0833  
Jake Hopwood, Fieldman, C: 308-627-4828  
For complete listing visit our website: [www.valentinelivestock.net](http://www.valentinelivestock.net)

## 3-State Stockyards

Falls City, Nebraska

SUNDAY MARCH 1, 2020  
STARTING AT 1:00 P.M.  
COMPLIMENTARY CATERED MEAL, 11:00 - 1:00  
Registered Angus Sale 1:00 p.m.  
Bredemeier Angus Production Sale

35 registered Angus bulls • 15 Open Heifers • 15 Bred Cows & Pairs  
For more info on these call: Mike Bredemeier  
CELL: 402-883-2422. HOME: 402-883-7113  
or call the Stockyards at 402-245-5004 for info on either registered or commercial cattle.

Featured Consignment: 49 Angus First Calf Hfrs.

These hfrs will be big fancy, weighing approx. 1200 lbs. Will be fully wax, wormed, poured, & Scour Guard wax. All bred to LT Enterprise. Low birth weight bulls all to calve April 19. Originated off 1 ranch in Valentine, NE.  
Will have ear tags to show if they will have a bull calf or heifer.

This is an unusually outstanding set for the most quality conscious buyer. They will be coming from a reputation breeder 60 miles NE of Falls City.

(25) 4-7 year old blk cows all w/calves at side tagged to match their mothers. A nice big set of Fairs on a complete wax and mineral program

16 mostly blk young to middle age cows bred Angus for Spring calves.

Several consignments pending so please call with your consignments or questions as we will do more advertising closer to sale date.

More expected by sale date

## 3-State Stockyards

Falls City, Nebraska • Phone: 402-245-5004  
To consign cattle or for more information, call:  
Brian Witt 402-245-2485 Bob Witt 402-245-5154 Tom Witt 402-245-4641

## Eureka Livestock Sale

P.O. Box 267 Eureka, KS 67045  
620-583-5008 Office 620-583-7475  
Sale Every Thursday at 11:30 a.m. Sharp

Like Us On Facebook!

On Thursday, February 20th we had 900 head of cattle on a very active market.

STEERS		HEIFERS	
22 blk	458@207.00	4 blk	419@175.50
4 bkbwf	415@199.00	6 bwf	588@171.00
4 bkbwf	480@195.50	9 bkChr	616@169.00
8 bwf	506@191.00	8 bkChr	579@160.25
31 blk	554@180.50	8 bkRd	656@157.25
12 Limo	563@175.50	11 bkbwf	643@155.50
5 bkChr	596@172.00	35 bkbwf	684@153.50
6 bwf	588@171.00	11 blk	654@153.00
9 bkChr	616@169.00		
8 bkChr	579@160.25		
8 bkRd	656@157.25		
11 bkbwf	643@155.50		
35 bkbwf	684@153.50		
11 blk	654@153.00		

Butcher Cows: \$47.00-\$75.00, mostly \$57-\$68, very active.  
Butcher Bulls: \$72.50-\$92.00, mostly \$81-\$87, very active.

BUTCHER COWS 1 blk 1730@68.00

1 blk 1850@75.00 BUTCHER BULLS  
1 Red 1625@75.00 1 blk 1975@92.00  
1 bwf 2045@73.00 1 blk 1645@89.00  
1 bwf 1445@71.00 1 brang 1655@88.00  
1 Red 1365@69.00 1 blk 1740@86.00  
1 blk 1350@69.00 1 blk 1765@85.00  
1 bwf 1380@68.50 1 blk 1725@83.00

EARLY CONSIGNMENTS FOR FEBRUARY 27

- 40 blk bwf str & hfrs. 500-700 lbs, H.R., longtime weaned & dbl. vac.
- 60 bwf rbf str & hfrs, 600-750 lbs, longtime weaned.
- 36 mixed str & hfrs, 400-650 lbs, longtime weaned.

EARLY CONSIGNMENTS FOR MARCH 5

- 140 Char X str & hfrs, 550-825 lbs.
- 120 Red Angus str & hfrs, 400-650 lbs.
- 100 blk bwf str & hfrs, 500-700 lbs.
- 60 blk str & hfrs, 550-650 lbs.

All these cattle are home raised, long time weaned and double vac.

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

## EL DORADO LIVESTOCK AUCTION, INC.

316-320-3212  
Fax: 316-320-7159  
2595 SE Highway 54, P.O. Box 622, El Dorado, KS 67042

Market Report - Sale Date 2-20-20. 855 Head.  
300-400 lb. heifers, \$163-\$190; heifers, \$138-\$167; 400-500 lb. steers, \$125-\$188; heifers, \$135-\$165; 500-600 lb. steers, \$134-\$188; heifers, \$127-\$159.50; 600-700 lb. steers, \$113-\$155.50; heifers, \$101-\$139.50; 700-800 lb. steers, \$124.50-\$137; heifers, \$110-\$128.50; 800-900 lb. steers, \$114-\$133; heifers, \$109-\$129.50. Trend on Calves: Mostly steady, \$2-\$3 higher on 5-6 wt. weaned calves. Trend on Feeder Cattle: Lighter test. Feb. hfrs, \$3-\$4 higher & higher undertone noted on str. Butcher Cows: high dressing cows \$66-\$72.50; avg. dressing cows \$55-\$65; low dressing cows \$31-\$40. Butcher Bulls: Avg. to high dressing bulls: \$48-\$89. Trend on Cows & Bulls: \$4-\$5 higher.

HIGHLIGHTS:

HEIFERS		STEERS	
15 blk	478@164.00	14 mix	443@185.00
26 mix	543@154.00	15 blk	516@186.00
16 mix	720@128.50	47 blk	593@175.50 (thin)
45 mix	789@124.25 (fleshy)	11 Char	640@155.50
69 blk	813@129.50	32 blk	696@152.50
		13 mix	825@126.00 (fleshy)
		6 blk	832@133.00

10 mix 423@181.00

FEBRUARY 27, 2020 • CHECK WEBSITE FOR CONSIGNMENTS!  
\*\*\*\*\*  
SATURDAY, MARCH 7, 2020: SPECIAL COW SALE  
Expecting 500-600 Bred Cows & Pairs  
• 97 blk & Red Angus, running age cows to calve in April-May  
STAY TUNED FOR EARLY CONSIGNMENTS!  
CHECK OUR WEBSITE AS WELL AS FACEBOOK FOR UPDATED LISTINGS!

We welcome your consignments!  
If you have cattle to consign or would like additional information, please call the office at 316-320-3212  
Check our website & Facebook for updated consignments: [www.eldoradolivestock.com](http://www.eldoradolivestock.com)  
To stay up to date on our latest announcements you can "Like" us on Facebook

Josh Mueller		Steven Hamlin	
Owner/Manager	(316) 680-9680	(602) 402-6008 (H)	(620) 222-1199 (M)
Chris Locke	(316) 322-1005 (H)	Van Schmidt, Fieldman	(620) 367-2331 (H)
(316) 322-0675 (M)			(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM



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

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

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

**finkbeefgenetics.com**  
 Galen: 785.532.9936  
 finkbull1@twinvalley.net  
 Gene: 785.224.8509

*Perfect Blend of Genetics Designed for Profits*

**sunflower genetics**

**MAR.20.2020**  
 24th Annual Production Sale  
 Simmental | Angus | SimAngus™  
 Selling - 20 Fall Bulls, 80 Spring Bulls,  
 60 Yearling Heifers & 25 Bred Cows

**WEEKLY FEATURE**

*Specializing in*  
**SIMANGUS™**  
*for over*  
**35 YEARS...**

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

**MOLITOR ANGUS RANCH**  
 41st Annual Production Sale  
 SELLING 110 BULLS & 40 FEMALES

**Saturday, March 21, 2020 @ 1 p.m. at the Ranch**  
 5 miles north and 2 1/2 west of Zenda, KS or 9 miles west, 9 miles south and 2 1/2 west of Kingman, KS

Molitor Angus Ranch is a family owned operation located in south-central Kansas. "A National Award winning CAB Quality Angus Seedstock Ranch (2014)". Excelling in performance, calving ease and gentle dispositions. Through the careful genetic selection of A-1 and pasture sires, we produce a distinctive group of bulls and heifers that honor the lengthy tradition of the Angus breed.

68 years of Breeding Quality Angus Cattle 1952-2020

<p><b>Molitor 165 Paywht 4012-299</b>                  Reg # 19624020                  Sire: Molitor Paywht 3015-165                  MGS: LD Emblazon 999                  BW +1 WW +73 YW +127                  Milk +31 Marb +.58 RE +.36 SB +143</p>	<p><b>Molitor Flat Top 721-069</b>                  Reg # 19627123                  Sire: Werner Flat Top 4136                  MGS: Basin Paywht 1682                  BW -1.8 WW +67 YW +127                  Milk +45 Marb +.69 RE +.65 SB +140</p>	<p><b>Molitor Compass 761-1049</b>                  Reg # 19627167                  Sire: Baldridge Compass C041                  MGS: Hayes Outright 452                  BW -5 WW +70 YW +124                  Milk +23 Marb +.61 RE +.68 SB +143</p>	<p><b>Molitor 4886 Raise 476-449</b>                  Reg # 19627048                  Sire: ICC Pay Raisa 4886                  MGS: KG Soltion 0918                  BW -1.6 WW +58 YW +102                  Milk +26 Marb +.21 RE +.36 SB +103</p>
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**Male Service Sires:**  
 Werner Flat Top 4136-8 sons  
 Baldridge Compass C041-8 sons  
 Barldrige Bankroll B73-8 sons  
 HA Outside 3878-10 sons

**Other Service Sires:**  
 HARB Playboy 581 JH -10 sons  
 Molitor KG Soltion 9736-574 - 9 sons  
 Bluegrass Aviator 712- 8 sons  
 ICC Payrais 4886 - 7 sons  
 Molitor Paywht 3015-165 - 6 sons  
 LD Bankroll 704 - 5 sons  
 BPF Bankroll 731 - 5 sons  
 HA Prime Cut 4493 - 5 sons  
 Bubs Southern Charm AA31 - 4 sons  
 Basin Paywht 1682 - 4 sons  
 Ellingson Chaps 4095 - 3 sons  
 DAR Pay Upgrade Q807 - 3 sons

**DVAuction**  
 Founding member of **U.S. PREMIUM BEEF**

2014 Certified Angus Beef Seedstock Commitment to Excellence Award

All Cattle: Sell Free of all known genetic defects  
 Free delivery on 3 or more lots within 300 miles

**MOLITOR ANGUS RANCH**  
 Contact: Richard or Mike Molitor (620) 243-6335  
 Fax (620) 243-7533  
 Mike-Cell (620) 243-3081  
 11559 S.W. 90th St.  
 Zenda, KS 67159  
 molangus@onlinezenda.net

# Legendary rodeo clown passes

Lecile Harris, a long-time PRCA rodeo clown and a Pro Rodeo Hall of Fame member who worked the Wild Bill Hickok Rodeo eleven times, has died.

The night after he clowned the Dixie Na-



Legendary rodeo clown Lecile Harris works the 2019 Abilene rodeo. The 83-year-old was clowning rodeos up to the day before he passed away, and worked the Abilene rodeo eleven times.

Photo by Fly Thomas

tional Rodeo in Jackson, Miss., Harris, who lived in Collierville, Tenn., passed away in his sleep, Feb. 13.

Born in 1936, Harris was a regular in the television show *Hee Haw* for its first five years and had parts in the movies *Walking Tall*, *Final Chapter*, *The Last Days of Frank and Jesse James*, *W.W. & the Dixie Dance Kings*, and the television series *Elvis*. In the 1950s and 1960s he was a session drummer at the Memphis Sun Studio and Hi Studio.

He was a bull rider in his youth but switched to rodeo comedy and was best known for his acts, his comedic timing, and his professionalism in and outside the rodeo arena.

Harris worked the Abilene rodeo eleven times (1993-98, 2001-02, 2005, 2013), his first sev-

eral years with announcer Phil Gardenhire. Jerry Marsteller, rodeo committee chairman, recounted stories of Harris and Gardenhire. The committee was new at the time and was using bullhorns for the sound system, which didn't work well. "Lecile and Phil went to the committee and said, you need a sound system. We'll pay for it, if you can't afford it or if you don't like it." That afternoon, a sound system was rented and installed. It worked. "After that night of rodeo," Marsteller said, "A man who had come to the rodeo every year since he was a kid came up and said, 'This is the first rodeo I have ever heard the announcer talk.'" Harris and Gardenhire's advice worked.

"Those two turned around the rodeo as far

as sound," Marsteller said, with ideas they had to help with improvements.

Don Nebelsick was on the committee in the 1990s when Harris first came to Abilene, and they struck up a friendship. Nebelsick remembered being able to call Harris and visit. "He always took the time to take a call and laugh and joke."

Marsteller admired Harris' personality and business acumen. "He was always joyful, always happy, a pleasure to be around. He was a real businessman," he said. "His acts were a step above a lot of people's."

"Whether he had an act or a walk and talk, he did a damn good job for that rodeo, wherever he was. That's why he stayed in the business all those years."

**Grass & Grain Weather Report** Feb. 26, 2020

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																
<p><b>WEDNESDAY</b>                  Chance Snow                  High: 32 Low: 17</p> <p><b>THURSDAY</b>                  Sunny                  High: 36 Low: 21</p> <p><b>FRIDAY</b>                  Cloudy                  High: 37 Low: 22</p> <p><b>SATURDAY</b>                  Sunny                  High: 50 Low: 38</p> <p><b>SUNDAY</b>                  Sunny                  High: 63 Low: 53</p> <p><b>MONDAY</b>                  Mostly Sunny                  High: 58 Low: 43</p> <p><b>TUESDAY</b>                  Sunny                  High: 54 Low: 39</p>	<p>Today we will see partly cloudy skies with a 40% chance of snow, high of 32°, humidity of 56%. Northwest wind 7 to 13 mph. Snow accumulation of less than one inch possible. The record high for today is 77° set in 1999. Expect clear skies tonight, overnight low of 17°.</p> <p><b>Last Week's Almanac</b></p> <table border="1"> <thead> <tr> <th>Date</th> <th>HI/LO</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr> <td>2/14</td> <td>29/6</td> <td>45/21</td> <td>0.00"</td> </tr> <tr> <td>2/15</td> <td>51/25</td> <td>45/21</td> <td>0.00"</td> </tr> <tr> <td>2/16</td> <td>54/22</td> <td>45/21</td> <td>0.00"</td> </tr> <tr> <td>2/17</td> <td>62/35</td> <td>46/21</td> <td>0.00"</td> </tr> <tr> <td>2/18</td> <td>45/22</td> <td>46/21</td> <td>0.00"</td> </tr> <tr> <td>2/19</td> <td>43/23</td> <td>46/22</td> <td>0.00"</td> </tr> <tr> <td>2/20</td> <td>34/16</td> <td>47/22</td> <td>0.00"</td> </tr> </tbody> </table> <p>Rainfall ..... 0.00"                  Normal rainfall ..... 0.29"                  Departure ..... -0.29"                  Average temp. .... 33.4°                  Average normal ..... 33.5°                  Departure ..... -0.1°</p>	Date	HI/LO	Normals	Precip	2/14	29/6	45/21	0.00"	2/15	51/25	45/21	0.00"	2/16	54/22	45/21	0.00"	2/17	62/35	46/21	0.00"	2/18	45/22	46/21	0.00"	2/19	43/23	46/22	0.00"	2/20	34/16	47/22	0.00"	<p><b>Washington</b> 33/23  <b>Blue Rapids</b> 30/15  <b>Seneca</b> 29/14  <b>Clay Center</b> 30/17  <b>Mahattan</b> 32/17  <b>Ogden</b> 33/19  <b>Wamego</b> 31/17  <b>Junettion City</b> 32/18  <b>Abilene</b> 32/18  <b>Council Grove</b> 32/18</p>
Date	HI/LO	Normals	Precip																															
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2/20	34/16	47/22	0.00"																															

**This Week's Sun & Moon Chart**

Day	Sunrise	Sunset	Moonrise	Moonset
Wednesday	7:04 a.m.	6:15 p.m.	8:50 a.m.	9:12 p.m.
Thursday	7:02 a.m.	6:16 p.m.	9:14 a.m.	10:09 p.m.
Friday	7:01 a.m.	6:17 p.m.	9:40 a.m.	11:07 p.m.
Saturday	6:59 a.m.	6:18 p.m.	10:07 a.m.	Next Day
Sunday	6:58 a.m.	6:19 p.m.	10:38 a.m.	12:06 a.m.
Monday	6:57 a.m.	6:20 p.m.	11:14 a.m.	1:06 a.m.
Tuesday	6:55 a.m.	6:22 p.m.	11:57 a.m.	2:07 a.m.

**Local UV Index**  
 0-2 Low, 3-5 Moderate, 6-7 High, 8-10 Very High, 11+ Extreme Exposure

**Weather History**  
 Feb. 26, 1988 - Eight cities in the central and western U.S. reported new record high temperatures for the date, including Lamoni, Iowa with a reading of 67 degrees. Temperatures in North Dakota were as warm as those in Florida.

**Growing Degree Days**

Date	Degree Days	Date	Degree Days
2/14	0	2/18	0
2/15	0	2/19	0
2/16	0	2/20	0
2/17	0		

**T-S STRNAD CHAROLAIS**  
**ANNUAL PRODUCTION SALE**  
**Saturday - March 21st, 2020**  
**Sale 1:00 PM - Lunch 12:00 Noon**  
**At the Ranch - 1716 280 Rd - Formoso, KS**

**- BULLS SELLING -**  
 15 Range Ready Yearling Charolais Bulls  
 50 Fall Born Purebred Charolais Bulls

**- FEMALES SELLING -**  
 8 Red First Calf Heifers with Charolais Cross Calves at Side  
 9 Red and Black Baldies with Charolais Cross Calves at Side  
 Baldies are sired by Churchill Sensation and UPS Domino 3027

TS Vapor Creek G949  
 85 lb BW + 882 Adj Wt / 119 Ratio - Reg Number - M933246

View Sale Book, Photos and Videos online after March 1st at **www.TSSTRNADCHAROLAIS.com**

**T-S STRNAD CHAROLAIS**  
 Terri & Sarah Strnad and Family  
 Formoso, KS  
 785-243-8000 | tsstrnad@tscckn.com  
 www.tsstrnadcharolais.com

**MYRON RUNET CHAROLAIS**  
 Myron & Cheryl Runet  
 Belleville, KS  
 785-827-1259 | runetm@runetm.com  
 www.runetcross.com

**RUSS AND DARLA LEWIS**  
 Leoti, KS  
 820-874-0788 | russlewis53@gmail.com

**GLENN SELLHORST CHAROLAIS**  
 Fremont, NE  
 402-580-4485 | glennsellhorst@aol.com

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

We sold 1498 cattle February 18. Steer and heifer calves sold \$3.00 -5.00 higher. Feeder steers and heifers sold steady to \$5.00 higher. Cows and bulls were \$3.00-5.00 higher.

<p><b>STEER &amp; BULL CALVES</b></p> <p>9 blk/bwf str 443 @ 200.00                  1 blk str 255 @ 191.00                  1 red st 485 @ 186.00                  3 blk str 418 @ 184.00                  1 blk str 500 @ 175.00                  2 blk str 505 @ 170.00                  1 red bull 460 @ 156.00                  1 blk bull 520 @ 150.00</p>	<p>61 blk/bwf str 884 @ 137.00                  61 mix str 933 @ 136.00                  65 blk str 854 @ 135.00                  60 blk/bwf str 912 @ 135.00                  30 blk str 863 @ 134.75                  22 blk/char str 880 @ 133.25                  31 blk/char str 961 @ 128.00                  9 blk/red str 890 @ 127.00</p>	<p><b>HEIFER CALVES</b></p> <p>2 blk hfr 285 @ 171.00                  18 blk/bwf hfr 504 @ 167.00                  7 blk/red hfr 456 @ 164.00                  2 blk hfr 460 @ 164.00                  2 blk/red hfr 360 @ 160.00                  1 blk hfr 405 @ 154.00                  1 blk hfr 450 @ 150.00                  1 red hfr 430 @ 149.00                  4 red hfr 545 @ 149.00                  1 blk hfr 520 @ 146.00                  2 blk hfr 538 @ 146.00                  1 blk hfr 470 @ 145.00</p>	<p><b>STOCKER &amp; FEEDER STEERS</b></p> <p>30 blk/red str 564 @ 185.25                  3 blk/red str 565 @ 175.25                  2 char str 563 @ 169.00                  2 blk str 618 @ 168.00                  60 blk str 830 @ 144.25                  124 mix str 765 @ 144.00                  59 blk/red str 852 @ 143.50                  126 blk/bwf str 873 @ 140.25                  60 blk/bwf str 889 @ 140.25                  66 blk str 804 @ 137.00</p>	<p><b>STOCKER &amp; FEEDER HEIFERS</b></p> <p>42 blk/bwf hfr 571 @ 157.50                  5 red hfr 591 @ 147.50                  2 blk hfr 570 @ 145.00                  4 blk hfr 631 @ 139.00                  67 blk/bwf hfr 709 @ 139.00                  77 blk/bwf hfr 674 @ 138.25                  5 blk/bwf hfr 690 @ 132.00                  65 blk hfr 815 @ 129.75                  66 blk/bwf hfr 797 @ 128.25                  66 blk/bwf hfr 833 @ 127.50                  3 blk/bwf hfr 820 @ 123.25                  28 blk/bwf hfr 850 @ 123.00                  7 blk/bwf hfr 920 @ 110.00</p>	<p><b>COWS</b></p> <p>1 blk cow 1625 @ 73.50                  1 blk cow 1425 @ 71.00                  1 blk cow 1890 @ 70.50                  1 blk cow 1365 @ 70.00                  1 blk cow 1605 @ 69.50                  1 blk cow 1085 @ 68.50</p>	<p>1 blk cow 1615 @ 68.00                  1 char cow 1375 @ 67.50                  1 blk cow 1620 @ 67.00                  1 bwf cow 1330 @ 63.50                  1 char cow 1380 @ 63.00                  1 char cow 1475 @ 62.00                  1 red cow 1245 @ 60.00                  1 red cow 1095 @ 59.00                  1 blk cow 1380 @ 58.00                  1 bwf cow 1025 @ 57.00                  1 blk cow 1400 @ 56.50                  1 blk cow 1245 @ 56.00                  1 blk cow 960 @ 55.50                  1 bwf cow 1150 @ 54.50                  1 blk cow 1045 @ 54.00                  1 blk cow 1170 @ 53.50                  1 blk cow 1135 @ 53.00</p>	<p>1 blk cow @ 1050.00                  1 char cow @ 760.00</p> <p><b>BULLS</b></p> <p>1 bwf bull 2170 @ 91.50                  1 bwf bull 1910 @ 90.50                  1 blk bull 2360 @ 89.50</p>	<p>1 blk bull 2230 @ 87.00                  1 bwf bull 2215 @ 83.00                  1 blk bull 1980 @ 79.00                  1 bwf bull 1455 @ 78.50                  1 blk bull 1810 @ 77.00                  1 blk bull 1335 @ 75.00</p>
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**CONSIGNMENTS FOR FEBRUARY 25:**

- 25 blk str & hfr, 450-550 lbs., weaned, vacc.
- 20 black steers, 550-600 lbs., weaned, vacc.
- 28 black steers, 850-900 lbs.
- 20 Angus steers, 950-1,000 lbs.
- 100 Angus steers, 850-950 lbs.
- 30 Angus heifers, 750-850 lbs.
- 62 blk Char str, 850-875 lbs., Northern origin
- 60 blk steers, 900-925 lbs., Northern origin
- 62 black steers, 850-875 lbs.
- 61 black crossbred steers, 900-925 lbs.

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

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

FOR INFORMATION OR ESTIMATES:  
**REZAC BARN** ST. MARYS, 785-437-2785  
**DENNIS REZAC** ST. MARYS, 785-437-6349  
**DENNIS' CELL PHONE** 785-456-4187  
**KENNETH REZAC** ST. MARYS 785-458-9071

**LELAND BAILEY** TOPEKA, 785-608-4005  
**LYNN REZAC** ST. MARYS, 785-456-4943  
**REX ARB** MELVERN, 785-224-6765

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

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