

Schwieterman Market Outlook

A marketing commentary by Bret Crotts

One conversation between President Trump and the Chinese, and a few positive comments about trade relations, changed attitudes in the grain markets, at least temporarily, and definitely changed the complexion of the charts. What Thursday's action in the grains mostly did was show how sensitive the trade is to positive news, and how nervous the shorts are about their positions. We clearly have plenty of grain on hand at the moment, but the Chinese can have such a huge impact on both U.S. and world supply and demand tables, that everyone has to be careful being overly bearish.

December corn finished the week only 31/2 cents higher, but the close was above the 100-day moving average and the market did make it to the highest level in two weeks. The bulls have a bit of an edge when it comes to momentum and money flow right now, and on top of that there is a general feeling out there that we will see lower yield estimates in next week's sup-

Frankfort

Emporia

9 blk

15 blk

ply and demand report. Next week's upside target and critical resistance will be at the October 15th high of \$3.78½.

December KW was 4 cents higher for the week, which was quite the victory since we made multimonth lows on Wednesday. Export sales were solid, which hopefully becomes a trend, and the Dollar gave us signs of rolling over, which would be very helpful. Short term technical indicators are beginning to turn up and the next key resistance to watch will be Monday's high of \$5.10 ¹/₄. Clearing that level would encourage a great deal of short covering, especially if we see the solid export sales continue.

The soybean market was the big star of the week. Ideas that trade relations with China are at least getting better shot the market higher. The January contract moved well above the 100-day moving average and tested the \$9.00 resistance. The next major hurdle for the market is the October high of \$9.06¹/₄. Moving through that level would generate massive amounts of short covering and set a very positive tone for the market. The problem is that we have seen this kind of reaction before in both the wheat and soybean market where a little spark sends the market sharply higher, but then there is no substance to sustain the momentum. My fear is that we will be right back to \$8.50 soon unless we feed the bull.

Live cattle futures were mostly stagnant this week. There was a bit of strength early on, but gains didn't hold and we ended up with a lot of quiet, sideways trade. Feeder cattle weren't much better. The November contract is actually trending lower and the January couldn't muster enough strength to clear the 50-day moving average. The Feeder Index isn't moving far from the 50-day moving average, so there isn't much incentive for the feeder futures to move very far either. This market doesn't really feel bearish to me, but we cannot find any bullish momentum and my fear is that the live cattle are about to roll over and suck the feeders lower with them.

Schwieterman Marketing, L.L.C. specializes in risk management and cash arain and livestock marketing plans. For information on the markets or our marketing service you can contact Bret Crotts at 888-437-9131 or bret@swbell.net.

Grass & Grain, November 6, 2018 The information contained herein is based on data obtained from recoanized statistical services and other sources believed to be reliable. However, we have not verified such information and we do not make any representations

as to the accuracy or completeness. Past results are not necessarily indicative of future results. All statements contained herein are

Page 13 current opinions, which are subject to change. The risk of loss in trading commodity future contracts is substantial. You should therefore carefully consider whether such trading is suitable for you in light of your financial condition. Neither the information, nor any opinion expressed shall be construed as an offer to buy or sell any futures or options on futures contracts.

Degree Days

0

0

10/30

10/31

11/1

10/27

10/28

10/29

Grass & Grain Weather Report Nov. 7, 2018 **Today's Local Outlook** Seven Day Forecast In-Depth Local Forecast Today we will see partly cloudy skies with a slight chance of rain, high of 50°, Sille WEDNESDAY Seneca 48/32 3 **Blue Rapids** 13 2 × Partly Cloudy humidity of 56%. Northwest wind 7 mph Washington 49/31 High: 50 Low: 33 The record high for today is 80° set in 1999 53/38 Expect partly cloudy skies tonight, overnight low of 33°. East northeast wind 0 sul-THURSDAY 21 3 Partly Cloudy High: 48 Low: 35 205 sille **Clay Center** Last Week's Almanac 243 50/33 Hi/Lo Normals 0 Date Precip Wild-Mahattan FRIDAY 10/26 60/38 64/38 0.00 Wamego Ogden 50/33 10/27 74/36 64/38 0.00" 50/32 Sunny 10/28 67/41 63/38 0.00 High: 51 Low: 41 3 203 51/33 0 10/29 75/36 63/37 0.00" 6 10/30 59/52 63/37 0.00" Junction City 51/34 2016 SATURDAY 10/31 57/43 62/37 0.00" R.C. 61/38 62/36 0.00" 11/1 Scattered Rain Abilene High: 46 Low: 38 Rainfall 0.00" Normal rainfall . 0.44 Departure -0.44" SUNDAY 205 Average temp..... 52.6 Council Grove 2 Mostly Cloudy Average normal 50.1 High: 55 Low: 48 Departure +2.5 This Week's Sun & Moon Chart SIL MONDAY 200 Partly Cloudy Sunrise Moonrise Moonset Day Sunse 7:01 a.m. 5:47 p.m High: 59 Low: 51 Wednesday New 5:19 p.m Thursday 7:02 a.m. 5:18 p.m. 7:51 a.m. 6:24 p.m. 11/7 11/23 5:17 p.m. 7:03 a.m. 7:04 p.m. 8:53 a.m. Friday TUESDAY 7:48 p.m. Saturday 7:04 a.m. 5:16 p.m 9:52 a.m. Scattered Rain High: 58 Low: 48 5:15 p.m. 10:46 a.m. 8:36 p.m. 7:05 a.m. Sunday 10 30-First Last 11:35 a.m 7:06 a.m. 5:14 p.m 9:28 p.m. Monday 11/15 11/29 7:07 a.m. 12:19 p.m. 10:22 p.m Tuesday 5:13 p.m. Local UV Index Weather History **Growing Degree Days** Nov. 7, 1940 - The Galloping Gertie bridge at Tacoma, Date Degree Days

Wash. collapsed in strong winds just four months after its 10/26

grand opening, resulting in a six million dollar loss.

× 0-2 3 4 5 6 7 8 9 10 11+

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



Allen	4 blk	606@165.00	Blaine	4 blk	570@136.50	
Harveyville	16 blk	581@164.50	St. George	14 blk	590@135.00	
Havensville	21 blk	597@164.00	Onaga	17 blk	599@134.50	
Frankfort	19 blk	603@163.50	Lebo	4 blk	703@130.50	
Seneca	4 blk	583@163.00	Gardner	6 blk	572@129.75	
Corning	7 blk	606@161.50	BULLS -	— 1,1 <mark>00-2</mark> ,175 l	BS	
Gardner	7 blk	571@159.00	Odell, NE	1 blk	1920@71.00	
Seneca	6 blk	630@158.00	Onaga	1 blk	2170@69.00	
Blaine	7 blk	671@157.00	Manhattan	1 blk	1455@68.50	
Olsburg	6 blk	619@156.50	Wamego	1 blk	1450@67.50	
Lebo	6 blk	607@156.00	Wamego	1 Heref	2040@67.00	
Onaga	4 blk	626@156.00	Manhattan	1 blk	1300@65.00	
Odell, NE	9 bwf	592@155.50	Alma	1 Heref	1100@62.00	
Randolph	4 blk	578@155.00	Leonardville	1 blk	1650@48.00	
Onaga	18 blk	639@154.50	COWS & HEIFERETTES — 825-1,800 L			
Harveyville	9 blk	715@154.25	Alma	1 blk	960@81.00	
Blaine	6 blk	655@154.00	Wamego	1 blk	845@70.00	
Americus	4 Cross	762@151.00	Manhattan	1 blk	1330@65.00	
Manhattan	93 blk	932@150.75	Waverly	1 Cross	995@63.00	
St. George	24 blk	623@150.00	St. Marys	1 blk	1665@62.50	
Frankfort	12 blk	695@148.00	Manhattan	1 Char	1525@61.00	
Blaine	9 blk	775@147.50	Waverly	1 blk	1530@60.50	
Onaga	29 mix	750@146.75	St. Marys	1 blk	1565@59.50	
Blaine	5 blk	852@144.00	Onaga	1 Cross	1600@59.25	
HEIFER CA	LVES — 300-5	50 LBS	Waverly	1 blk	1445@57.50	
Odell, NE	4 bwf	301@166.00	Waverly	1 blk	1425@57.00	

Axtell

Alta Vista

7 Cross

50 Cross

814@137.00

948@136.50

595@166.00

599@165.00

EARLY CONSIGNMENTS FOR NOV. 9

Simmental Influenced Feeder Calf Sale in conjunction with our regular sale. Give us a call to get your cattle advertised!

- 80 choice reputation SimmAngus strs & hfrs, Covexin 8, Enforce 3 in Spring, 450-600 lbs.
- 140 choice reputation SimmAngus strs & replacement quality hfrs, no implants, 550-700 lbs.
- 68 choice reputation Angus strs & hfrs, weaned 60 days, 2 complete rd shots, 575-700 lbs.
- 40 choice Angus strs & hfrs, complete rd of shots in Spring, 450-650 lbs.
- 100 SimmAngus & Angus strs & hfrs, complete Spring shots, 500-700 lbs. **BRED COWS:**
- 4 blk cows, 5-7 yrs w/ Sept. Angus sired calves by side. 45 bred blk cows, 7-SS for Feb. calves.

- 8 Heref 1st calf hfrs, bred to Angus LBW bull for Mar.-April calving. 50 Fancy Angus 1st calf OCV Final Answer genetics hfrs, AI bred to Barretts Walt high calving ease Angus bull (5522 Son) Feb. 1, cleaned up w/ LBW Angus bull for 45 day calving period. All rd shots incl. 1 rd Scourguard.
- 16 Angus 1st calf OCV hfrs bred to LBW red Angus bull, Springers.

1st CALF HEIFER PAIR

BRED 1st CALF HEIFERS:

- 25 choice blk fall calving 1st calf OCV hfrs w/ Angus Sept.-Oct. calves by side.
- 5 red Angus 1st calf hfrs w/ 30 day Angus sired calves by side.
- 3 blk 1st calf hfrs w/ 30 day Angus sired calves by side.
- 3 Angus 1st calf OCV hfrs w/ 30 day red Angus sired calves by side, balance of this consignment listed under bred 1st calf hfrs.
- 12 Angus 1st calf hfrs w/ late Sept. & early Oct. Angus sired calves by side.

- 40 red Angus, bwf & Herf cows, 4yrs-SS w/ Oct. red Angus & Herf sired calves by side.
- 20 blk cows, running ages w/Sept.-Oct. calves by side.
- 2 blk cows, 3-4 yrs w/ calves by side.
- 10 blk & bwf cows (8 yrs. & older) with Sept. calves by side.
- 3 Angus 2nd calf hfrs, 2 w/ Fall calves, 1 w/ Spring calf, running back w/ Angus bull.
- 7 blk bwf cows, 3-8yrs w/ 30-40 day calves by side.
- 5 blk BWF cows 4-6 yrs w/ SimmAngus sired calves by side.
- 17 home raised (OCV) Angus & Simm Angus fall calving cows (3 to 8 yrs) with Sept. and early Oct. Angus sired calves by side.
- 5 big blk & bwf cows, 5-6 yrs w/ late Sept. & early Oct. Angus sired calves by side.
- 7 big gentle Char cross cows, four 6 yrs, three 4 yrs w/ 2 mo. Char calves by side. BRED COWS:

COMPLETE HERD DISPERSAL OF WILLIS POPPE ESTATE CONSISTING OF:

- 30 blk Angus Laflin Genetics Fall calving cows, 2yrs & older w/ Sept.-Oct. Laflin Angus genetic calves by side, all shots and calves worked.
- 50 red Angus, bwf & Herf cows, 4yrs-SS bred red Angus & Herf bulls, calving now.
- 5 blk cows, running ages, heavy Springers.
- 5 Heref 2nd calf hfrs, bred LBW Angus bull for March-April calving.
- 23 blk cows, 4-6 yrs bred to Houck Rock Creek SimmAngus bull for Feb.-Mar. calves.
- 60 mostly black and a few red cows, 3 yrs. to short & solid, bred to Herbster Angus bulls for Jan. thru Mar. calves
- 10 gentle Gelv (7) and red Angus (3) 2nd calf hfrs bred Char bull for Jan. calving. BULLS:
- 1 Angus bull, 18 mo., Trick & Semen tested.
- 3 Angus bulls, 2 yrs, Trich & Semen tested.

If you have any consignments for this Special Sale, please give us a call so we may advertise them for you!

EARLY CONSIGNMENTS FOR NOV. 16

- 23 fancy blk & F1 cross BWF strs & hfrs, weaned, bunk broke, 2 rds shots, 550-650 lbs.
- 28 blk Angus & red Angus strs & hfrs, weaned 40 days, 2 rds shots, 500-625 lbs.
- 25 homeraised blk strs, 2 rds shots, bunk broke, weaned 35 days, 500-550 lbs.
- 65 homeraised blk strs, 2 rds shots, bunk broke, weaned 45 days, 600-650 lbs.

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

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

FIELD REPRESENTATIVES

JOHN CLINE	SAM GRIFFIN	BRENT M
ONAGA	BURNS	ALMA
785-889-4775	620-726-5877	785-765-34
Cell: 785-532-8381	Cell: 620-382-7502	Cell: 785-5

- IILLER 3467 -587-7824
- ALAN HUBBARD OLSBURG 785-468-3552 Cell: 785-410-5011
- MERVIN SEXTON MANHATTAN Cell: 785-770-2622 Home: 785-537-7295

BILL RAINE MAPLE HILL 785-256-4439

TOM TAUL MANHATTAN 785-537-0036 Cell: 785-633-4610 Cell: 785-556-1422

JEFF BROOKS BEATTIE 785-353-2263 Cell: 785-562-6807

BRYCE HECK LINN 785-348-5448 Cell: 785-447-0456

DAN COATES BALDWIN 785-418-4524

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Grass & Grain, November 6, 2018

Kansas Hay Market Report

Hay market trade activity is slow. Prices steady, demand light. Fields are finally starting to dry up enough for farmers to get back into the fields to finish harvest. Hay deliveries that have been slow due to damp conditions should pick back up with the drving conditions. According to the U.S. Drought Monitor, after recent improvements to the region's lingering drought areas, conditions were unchanged during the past week. The abnormally dry (D0) category is at 7 pct., and moderate drought (D1) is at 1 pct. If you have hay for sale, and/ or need hay here in Kansas, use the services of the Internet Hay Exchange: www.hayexchange.com/ks.php.

Southwest Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/ delivered steady; movement slow. Alfalfa: horse, premium small squares 280.00-300.00. Dairy, 1.00-1.05/ point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow alfalfa, 190.00-200.00. Fair/Good grinding alfalfa, 165.00-175.00. Ground and delivered locally to feedlots and dairies. 195.00-205.00 with an instance at 230.00-235.00. Sudan: large rounds 65.00-75.00; Cornstalks: Large rounds 65.00-75.00 delivered, Wheat straw, large rounds 65.00-70.00. The week of 10/21-10/27, 7,240T of grinding alfalfa and 688T of dairy alfalfa were delivered.

South Central Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/ delivered, alfalfa pellets steady, movement slow. Alfalfa: horse, small squares 190.00-200.00. Dairy, 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock cow alfalfa, 155.00-165.00 delivered. Fair/Good grinding alfalfa, 145.00-155.00. Ground and delivered locally to feedlots 175.00-185.00 with an instance at 200.00. Alfalfa pellets: Sun cured 15 pct protein 210.00-220.00, 17 pct protein 210.00-225.00, Dehydrated 17 pct 245.00-255.00. Grass hay: Bluestem small squares 8.00/bale, mid squares 110.00-120.00, large squares 130.00-140.00, Brome large squares 125.00-135.00. Sudan: large rounds 70.00-80.00; Straw: large rounds 65.00-75.00. The week of 10/21-10/27, 4,214T of grinding alfalfa and 475T of dairy alfalfa were delivered.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay, steady, movement slow. Alfalfa: horse or goat, 220.00-245.00. Dairy 1.00-1.05/point RFV. Stock cow alfalfa 170.00-180.00. Fair/Good grinding alfalfa, 160.00-170.00. Ground and delivered, none reported. Grass hay: bluestem, premium small squares 135.00-145.00. Good, mid squares 125.00-135.00, large squares 110.00-120.00, large rounds 100.00-110.00 with an instance at 120.00: Brome: Good, small squares 145.00-155.00, mid squares 140.00-150.00, large squares 120.00-130.00, large rounds 125.00-135.00. Sudan: large rounds 80.00-90.00; Oat hay, mid squares 150.00-160.00. Straw, mid and large squares 75.00-100.00. Mulch, large rounds 50.00-60.00. The week of 10/21-10/27, 1,128T of grass hay was delivered.

Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady; movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.00-1.05/point RFV.

Stock cow, fair/good none reported. Fair/good grinding alfalfa, 135.00-145.00. Ground and delivered locally to feedlots and dairies, 150.00-165.00. Alfalfa/oat mix, large rounds 100.00-120.00.

North Central-Northeast Kansas

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

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

*RFV calculated using the Wis/Minn formula.

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

Source: Kansas Department of Agriculture - Manhattan, Kansas, Kim Nettleton 785-564-6709.

Posted to the Internet: www.ams.usda.gov/mnreports/ $DC_GR310.txt$



LOCATION: 56935 715 Road, Fairbury, NEBRASKA. From the Junctions of HWYs 15 & 136 at Fairbury, go 3 miles north to 715 Rd., then 1 & 1/3 mile east.

AUCTIONEER'S COMMENT: Mr. Dalke has decided to retire from farming and will be offering the following items at Public Auction. All major equipment has always been shedded, had excellent professional service, and very good care. This is an opportunity to buy excellent quality farm machinery. Loader will be available day of auction only. NOT MANY SMALL ITEMS, PLEASE BE ON TIME.

TRACTORS

1981 John Deere 4440. cab, heat & air, quad range trans., triple hydraulics, 540 & 1000 pto w/weight bracket & 4 suitcase weights, 8,722 hrs.: 1979 John Deere 4440. cab, heat, & air, quad range trans., triple hydraulics, 540 & 1000 pto, w/weight bracket & 10 front weights, new rubber, 7,183 hrs.; 1961 John Deere 3010 diesel, cab, front mount weight bracket & 4 weights, single hydrau-lics, excl. rubber, 4,990 hrs.; 1958 John Deere 530, power steering, single hydraulics, 540 pto, 3 pt., tricycle front end, good rubber & tin work,

COMBINE & HEADS 1998 John Deere 9510 Miximizer Combine, straw chopper, buddy seat, 3763 engine hrs., 2920 separator hrs., sharp; John Deere 920 header w/EZ Trail trailer; John Deere 8 row cornhead. **SKID STEER LOADER &**

ATTACHMENTS 2013? New Holland L225 skid

steer loader, cab, heat & air, front entry, 6' bucket, 160 one owner hrs., like new; Timberline HT Commercial tree sheer. used approx. 80 hrs.; big round bale spear for skid steer.

TRUCKS

1984 Chevrolet C30 truck, diesel, 4 sp. manual, steel bed w/gooseneck hitch, 110,300 miles; 1969 Chevrolet C50 grain truck, V8 engine, 4&2 sp. trans., roll over tarp, 65,200 1968 Chevrolet C50 miles: grain truck, V8, 4&2 sp. trans., roll over tarp, 24,256 miles.

TRAILERS H&H 20' tandem axle tilt-bed trailer, heavy duty, pull type; nice 2 wheel trailer

FARM MACHINERY

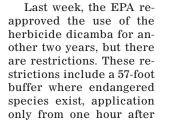
Kinze 3500 8 row planter, complete, used on approx. 500 acres. like new: Westfield MK 100 - 71 auger, swing around 10", 70', 540 drive, used very little, like new; New Holland 1475 pull-type swather; JD MX7 3 pt. shredder, like new; John Deere Model 750 12 runner grain drill; John Deere

220 disc, new front blades; John Deere No. 8 mower Rhino 3 pt. post hole digger, 2 augers; 3 pt. bale fork; 8' pony auger, 10" w/220 electric motor; New Idea side delivery rake: MM manure spreader: Massey 820 disc; John Deere Model BW disc; John Deere 6' blade; John Deere Model 55 blade: John Deere rotary hoe: John Deere 5 bottom plow; 4 section 3 pt. harrow; shredder, parts only; parts disc

TOOLS & MISC.

(2) 500 gal. fuel tanks w/ pumps; PTO generator; North Star 10000 PPG port. generator: 3 pt. PTO wire winder: Hobart Handler 125 Mig welder; top link cylinder, other cylinders; 3 pt. lifting boom; engine hoist; cutting torch cart, no bottles; several log chains; kerosene heater; chop saw; some wrenches & other shop tools; port. air compressor; round auger hopper; 2 battery chargers; approx. 70 steel T posts; 100 gal. fuel tank w/ 12 vt. pump; other items not mentioned.





sunrise to two hours before sunset and a drop in permitted over-the-top applications from four to two each season for cotton while soybeans remain at two. Over-the-top applications of dicamba won't be allowed 45 days after

planting soybeans and 60 days after planting cotton. Bayer, who inherited the license after purchasing Monsanto, said they will provide a training program to ensure pesticide applicators understand the new label requirements. U.S. Secretary of Agriculture Sonny Perdue said he was pleased with the decision as it presents farmers of dicamba-resistant crops with options. The two-year registration of dicamba lasts until December 20, 2020, unless EPA further extends it.



RICK GRIFFIN CHUCK MAGGARD Griffin & Auction Real Estate Service LC Broker/Auctioneer Cell: 620-343-0473 Sales/Auctionee Cell: 620-794-8824 1.20323 305 Broadway, Cottonwood Falls, KS 66845 620-273-6421 • Fax: 620-273-6425 • Toll Free: 1-866-273-6421 In Office: Nancy Griffin, Heidi Maggard Email: griffin123r@gmail.com • www.GriffinRealEstateAuction.com

COIN AUCTION

SUNDAY, NOVEMBER 11, 2018 • 1:30 PM

(Early Preview Auction Day from 11:00-1:30 pm)

AUCTION LOCATION: Community Building, Swope Park, COTTONWOOD FALLS, KANSAS 66845



Wilson Realty & Auction Service Lonnie Wilson 785-826-7800

REAL ESTATE AUCTION 230 Acres With Irrigated Crop Ground

EPA approves dicamba use

SATURDAY, NOVEMBER 17, 2018 — 10:30 AM LOCATION: 17430 A Road — EMMETT, KANSAS 66422

REAL ESTATE & PERSONAL PROPERTY AUCTION

DIRECTIONS: From 75 & 16 Jct. in Holton, KS, 17 miles West to 63 Jct., 6.5 miles South to St. Clere Road, 1 1/2 miles East to "A" Road, 1/2 mile South. **OR** From 24 & 63 Jct. in St Marys, KS, 12 miles North to St. Clere Road, 1 1/2 miles East to "A" Road, 1/2 mile South.

Robert and Eva have decided to move to town and will sell their farm and personal property.

REAL ESTATE TO SELL AT 12 NOON

Description of Property: TRACT 1: S2 SW4 S12, T08, R12E, S/2 SW/4 Less Rd. Row. Jackson Co. Kansas. Homestead - 78 Acres Clean, rolling pasture. 2 Ponds. Good fences with cross fences. 1989 Manufactured home 1,400 sq. ft, Enclosed Porch off kitchen and utility with beautiful view. 3 bedrooms. 2 full baths. Kitchen has been upgraded with St. Mary's Custom Wood Cabinets. All appliances stay. Kitchen opens to dining. Newer roof. Brand new Heating/ Cooling System and Water Heater, Sept. 2018. Super Outside storm cave. Several outbuildings and livestock working pens. Stretch of Timber for hunting. Pott County Rural Water #4, also Well water. Electric: FreeState Cooperative, Topeka. Propane tank owned. Schools: USD 321 Taxes: \$1,322.34 TRACT 2: N2 NW4 S13, T08, R12E Jackson Co. KS 78 acres. Clean brome & native pasture/hay ground with pond. Taxes: \$1,226.04

These Tracts are separated by open, but not maintained, 174 county road. CLEAN WELL CARED FOR PROPERTY.

Each tract will sell separately with the successful bidder's option to take either or both tracts. Property will sell to the highest bidder

TERMS: Day of sale, the successful bidder will be required to enter into a real estate purchase contract for each tract and provide an earnest deposit of 10% of sale price. Closing, on or be-fore December 17, 2018, for Tract 1, and January 3, 2019 for Tract 2, unless additional time is needed to provide marketable title. Possession at closing for each tract. 2018 taxes and all prior years will be paid by Seller.

Title Insurance and closing fees will be split equally between buyer and seller.

Any inspections buyer deems necessary must be completed prior to sale. Sold subject to existing leases, zoning, easements, restrictions, reserva-tions and roads of record. Selling all real estate "as is" and the suitability of this property for any particular purpose is not guaranteed. Neither Seller or Harris Real Estate & Auctions, its agents or representatives, are making any warranties about the property, either expressed or implied. Harris Real Estate & Auctions and its agents and representatives are exclusive agents of the seller.

Announcements day of sale take precedence over all other material, printed, online or otherwise.

HARRIS REAL ESTATE & AUCTION Dan Harris, Broker and Auctioneer: 785-364-7137 or 364-4114 Jarrod Thompson, Sales 785-851-7426 • Rogette Branam, Sales 785-851-0069

TRACTORS, VEHICLES, HAY EQUIPMENT, MACHINERY & LIVESTOCK EQUIPMENT

2005 JD 5425 FWA w/542 loader, power reverser, 4200 hrs, one SN#LV5425P143826; owner, 1991 New Holland 6640, 2WD, 4700 hrs, SN#087671B; 2016 New Holland 488 9' swather, new in 2018, cut less than 100 acres SN#YFN013634; IH 1100 9' sickle mower; JD 510 baler, always shedded; M&W DF-12 12 wheel hay rake, like new, SN#170065; 2006 Titan GN 18' flatbed trailer, w/fold-up ramps; 1999 GMC 3500 4x4 gas, AT, flatbed w/built in hyd bale spears, 93,458 mi; 1999 Ford ranger XLT 4x4, AT, 164,700 mi, body rough; 2012 Chrysler Town & Country mini-

van, loaded, 68,000 mi., nice; (2) 3 pt bale spear; (8) 10' steel/poly feed bunks; (5) big round bale feeders; King cutter 7' 3 pt blade; 250 gal. water tank; squeeze chute; (7) 10' pipe panels; misc. cattle panels; 5' & 4' steel/poly feed bunks.

SHOP EQUIPMENT, LAWN & GARDEN

Huskee 1750 psi power washer; Companion 5000 watt generator; 1.5 Hp air compressor; Forney FS225 stick welder; Reddy Heater Pro165; air bubble; Grasshop-per 620, 52" deck, 553 hrs.; Powr Kraft tool box; Clarke bench grinder; bench vise; Husqvarna 450 chain saw; wheelbarrow; misc. nuts & bolts; Troybilt weed eater w/chain saw blade; elec. heaters;

elec. drill; Skil saw; ext. cords jumper cables; wooden ladder sev. misc. hand tools; shovels. HOUSEHOLD Set of Johahn dishes inc. pitcher and platter; Haviland china; Carnival glass cups & saucers; nu-merous household dishes, pots,

pans; dining table w/3 leaves and 4 chairs; sewing machine; computer & computer table; bar stools; cedar chest; small armoire; wooden flatware stor-age box w/flatware; elec. organ; entertainment center; antique rocking chair; couch & (2) end tables; record player; (2) twin beds; washer & dryer; chest freezer; propane bbq grill; Persian rug; many other household & shop items not listed!

We will begin the auction with household items followed by shop & machinery. Please plan to come and spend the day with us. Portable restrooms provided by Honey Do's. Lunch will be served by Carrie

SELLERS: ROBERT & EVA BOWSER, SELLERS For more information, call Ernest Rice, 785-305-1489

VISIT OUR WEBSITE: Holtonlivestock.com HARRIS AUCTION SERVICE • HOLTON, KANSAS Dan Harris, Auctioneer 785-364-7137 • Larry Harris, Auctioneer 785-249-4236 Cody Askren, Auctioneer 785-364-7249 • Holton Livestock Exchange, Inc. 785-364-4114 Clerk & Cashiers: Cindy Grollmes, Cara Robinson & Blake Harris

Southern Pottawatomie County

SATURDAY, NOVEMBER 17, 2018 — - 10:00 AM WAMEGO SENIÓR CENTER, 501 ASH STRÉET — WAMEGO, KANSAS

230 Ac M/L with 220 of crop ground with approx. 135 acres under irrigation using a 2005 - 7 tower 2005 Valley Center Pivot, electric drive. Water Right #10071 authorizes 136 acres irrigated and 183 acre feet annually. The well has an 18" casing & is 84' deep. The crop ground soils are 57% Class II Muscotah silty clay loam, 32% Class II Wymore silty clay loam with 1 to 3% slopes and 11% Class III Tulley silty clay loam with 3 to 7% slopes terraced.

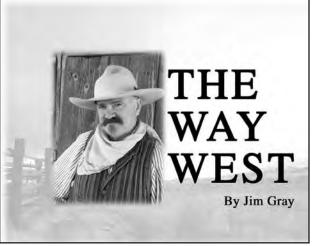
Auctioneer's Note: This is a great opportunity to expand your cropland operation with this good quality producing irrigated farm that has been on a corn/soybean rotation.

Directions: From just west of Belvue overpass on Hwy 24 take Camp Creek Rd north 2 miles to Oregon Trail Road on the west side.

For more information go to: **www.pearlrealestate.org** SELLER: ARTHUR DEAN FECHTER TRUST **Pearl** Real Estate & Appraisal Service, Inc. ST. MARYS, KS 66536 785 437-6007

Dennis Rezac. Auctioneer 785-456-4187 Mike Pearl, Broker: 785-256-5174





Waiting for an Election

Hays City, Kansas, was in turmoil during the summer of 1869. The vibrant economy of an end-of-track railroad town had moved on to Sheridan, far out in western Kansas, Faint city and county coffers were not sufficient to pay the bills. Officers abandoned their positions, including Ellis County Sheriff Isaac "Doc" Thayer. Citizens petitioned Governor James M. Harvey to appoint a new sheriff. However, Governor Harvey declined. saying that "under the circumstances through which the vacancy occurred" under state law no sheriff could serve in official capacity until the regular election in November! For a town filled with every kind of vice known to man, the governor's position was unacceptable. Out of necessity a vigilance committee formed and performed their own election. Without opposition, Wild Bill Hickok was "elected" Sheriff of Ellis County. "Rattlesnake" Pete Lanahan served as his assistant. In the coming months, two Hays City toughs were added to the Boot Hill cemetery, having suffered from a bout of "lead poisoning" from Wild Bill's pistols.

Difficulty between Wild Bill and the governor arose when Deputy U.S. Marshals Jack Bridges and C. J. Cox arrested Bob Connors. Fearing that Connors could be lynched by vigilantes the officers placed him in the guard house at Fort Havs. Meanwhile, the good citizens of Sheridan wanted Connors returned to their burg for trial and a warrant was issued by Justice of the Peace John Whitteford.

"Sheriff" Hickok appeared before the major with the warrant. Knowing that the State of Kansas did not officially recognize Hickok as Ellis County Sheriff, Commanding Officer Major George Gibson refused to honor the warrant. The problem was finally resolved when on October 5th Deputy Cox escorted Connors to Sheridan where he was acquitted of the charges against him.

The election was still a month away. Both Hickok and his assistant Pete Lanahan were on the ticket. In that unpredictable atmosphere a recently discharged employee of the quartermaster department, identified as Cole, had arrived in town from Camp Supply, Indian Territory. Evidently Cole held a grudge against the trading firm of Caplice & Ryan. Under cover of darkness during the evening of October 8th, Cole began unscrewing the nuts on a wheel of one of the Caplice & Ryan wagons. A teamster by the name of All-

ANTIQUE TRACTOR AUCTION

SATURDAY, NOVEMBER 17, 2018 — 10:00 AM

Auction will be held at the farm located from Agenda, Ks. on Highway 148 1 ½ miles East to

290 Road (Republic Co.), then South 2 1/2 miles: or from Clyde, Ks. 1 1/2 miles North to curve

COLLECTIBLES

National wooden threshing

machine; McCormick Deering

threshing machine; wood-

en wheel header barge: 2

horse drawn high wheel wood

wagon; horse drawn sleigh;

spring wagon; 1900 buggy w/

top single & double shafts;

pair pony collars; pony cart;

wheat binder; Astin Wall po-

tato planter: c

e stock dri

turn on 280th Road (Cloud Co.), then North 4 1/2 miles to farm.

15-30;

meyer caught Connors and ordered him to stop. Both men went for their pistols, Connors firing first. Allmeyer was hit as he fired wildly toward Connors who ran into the darkness as hot lead split the air around him to no effect. Citizens carried Allmever to the Commercial Hotel to tend to his wound.

Unbelievably. Cole returned to the scene in search of the hat he had lost in the shootout. When citizens attempted to capture him. Cole went for his pistol, but this time he was "shot through the right breast." Momentarily stunned. Cole was taken captive. However, before he yielded his pistol he tried again to use it and was shot through a lung. Wild Bill showed up just as a rope was thrown around Cole's neck. Describing Hickok's temperament, author Joseph G. Rosa wrote, "As always when Wild Bill had anything to say people listened. He rarely raised his voice, speaking in an even tone so that all could hear and understand. Few failed to heed him." Hickok took charge of Cole, protecting him from the mob.

The Leavenworth Times reported that both Allmeyer and Cole were "laving very low, at the Commercial Hotel, and it is doubtful whether either man will ever recover." Surprisingly, despite military protocol to stay clear of civilian difficulties, Major Gibson intervened, bringing the men to the post hospital.

The Post Surgeon, using a combination of remedies including carbolic acid and morphia, retrieved both men from the brink of death. Lying side by side in hospital beds, the two former combatants were reconciled with help from a Catholic priest. Three weeks after being shot Allmeyer was out of the hospital, walking the streets of Hays City, "nearly well."

Allmeyer requested that Cole's guard be withdrawn. Major Gibson believed his policy to "Conciliate all parties" had not only fostered peace between the two men but was in fact "a proper discharge of my duty as a Conservator of Peace." The race for state rep-

resentative in the upcoming election was becoming heated. One of the candidates asked Major Gibson to make troops available in case a riot broke out. Gibson declined to even entertain the idea of such an insurrection. He noted that his experience with the population had been "Exceedingly gratifying (in) nature."

The November 2, 1869, Ellis County election was held without disturbance or intervention from Major Gibson. In fact it was downright quiet in Hays City, and although Wild Bill never lost a gunfight, he did lose the election to Rattlesnake Pete on The Way West.

"The Cowboy," Jim Gray is author of the book Desperate Seed: Ellsworth Kansas on the Violent Frontier, Executive Director of the National Drovers Hall of Fame. Contact Kansas Cowboy, P.O. Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or kansascowboy@kans.com.

Grass & Grain, November 6, 2018 Page 15 WTO members support policy approaches to enable innovation in agriculture

U.S. Secretary of Agriculture Sonny Perdue recently announced that the United States has joined with 12 other nations to support policies that enable agricultural innovation, including genome editing. The International Statement on Agricultural Applications of Precision Biotechnology was released in Geneva at the World Trade Organization (WTO) Committee on the Application of Sanitary and Phytosanitary Measures.

"Precision biotechnologies such as genome editing hold great promise for both farmers and consumers around the world. These tools can play a critical role in helping farmers address many of the production challenges they face while improving the quality and nutritional value of foods available to consumers worldwide,' said Perdue.

"Unfortunately, such technologies too often face regulatory roadblocks that are based on misinformation and political posturing. Therefore, it's gratifying to see Argentina and

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other allies come together under the WTO umbrella to publicly embrace science-based regulatory systems that will allow us to unlock the huge potential of these new technologies."

Countries and organizations supporting the statement, to date, are: Argentina, which led this effort, as well as Australia, Brazil, Canada, Colombia, the Dominican Republic, Guatemala, Honduras, Jordan, Paraguay, the United States, Uruguay, Vietnam and the Secretariat of the Economic Community of West African States.



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Cncl Grve, 1 bmf 1135@82.00 Ramona, 1 red 1070@80.00 1005@80.00 Marion, 1 blk Ramona, 1 red 1295@80.00 Cncl Grve, 1 blk 1140@76.00 Herington, 1 blk 1780@70.00 Marion, 1 blk 1050@70.00 1610@69.00 Maize, 1 bwf Lincolnville, 1 bwf 1890@67.00 1805@67.00 Marion, 1 blk Lincolnville, 1 red 1555@65.50 Herington, 1 blk 1475@65.00 1160@65.00 Ramona, 1 red 1360@65.00 Ramona, 1 red 1695@65.00 Maize, 1 red Maize, 1 blk 1635@65.00 1760@64.00 Cncl Grve, 1 blk Herington, 1 blk 1550@64.00 1745@63.50 Maize, 1 blk Herington, 1 bwf 1565@63.00

Manhattan, 1 blk

Herington, 1 blk

1475@63.00

1510@62.00

10/31/18 SPECIAL CALF SALE RESULTS Lost Springs, 3 bwf 538@173.00 540@170.00 Cncl Grve, 3 blk Cedar Point, 7 blk 569@168.50 600@164.50 White City, 5 blk Ramona, 4 bwf 618@163.50 Hillsboro, 6 blk 660@157.25 Wilsey, 7 Char 635@155.50 Burdick, 126 blk 738@153.75 802@153.00 Florence, 37 blk Carlton, 10 blk 685@152.50 691@152.00 Florence, 19 blk Cncl Grve, 7 blk 639@152.00 Lincolnville, 59 mix 883@150.35 Woodbine, 6 blk rd 722@150.00 Woodbine, 7 red 693@150.00 Hope, 61 blk 885@150.00 Lincolnville, 58 blk 858@149.25 677@149.00 White City, 9 blk Lincolnville, 59 mix 877@148.85 Wilsey, 3 blk 650@148.00 Burdick, 8 blk 830@148.00 837@145.50 White City, 6 blk

Hope, 3 blk 449@153.00 Cedar Point, 6 blk Wilsey, 2 blk 712@150.00 Herington, 63 blk 818@147.35 Herington, 64 mix 788@145.50 Wilsey, 2 blk 665@145.00 Hillsboro, 6 blk 504@145.00 Woodbine, 4 blk 524@144.00 Durham, 5 red 559@143.00 White City, 9 blk 723@141.75 Burdick, 7 blk 832@141.00 Carlton, 3 blk 518@140.00 508@140.00 Tampa, 3 blk Hillsboro, 10 blk 615@140.00 704@138.50 Wilsey, 4 Char Carlton, 5 blk 726@138.00 646@138.00 Woodbine, 11 mix 732@137.00 Ramona, 8 red Hope, 6 blk 681@136.00 Lincolnville, 5 blk 587@135.00 White City, 3 blk 810@135.00 Woodbine, 5 red 676@135.00 Cncl Grve, 3 blk 815@134.00



lohn. eere un-st Deere A; IHC F30 on steel; IHC W40 on steel; IHC F20 on steel; IHC F 12 on steel; IHC W40; Farmall Regular on steel; Allis C on steel; Massey Harris 44 standard w/hyd. HORSE FOUIPMENT

OLDER TRACTORS &

TRACTORS

Rumbley Oil Pull (X1656); Ol-

iver Hart Parr 70; Oliver HG

crawler; Caterpillar 15 crawl-

er; Cletrac crawler (29091);

McCormick Deering W30; McCormick Deering 22-36;

McCormick Deering 10-20;

McCormick Deering F12 on steel; Case SC; Case CC;

McCormick Deering

walking planters; John Deere grain drill; several horse turn grinder's; sod plows; walking plows; sugar cane press; pull type combine w/folding platform; Minneapolis combine; stationary baler; dump rakes; road graders; plows; listers;

car; Mavrick: Mercury Montclair; 1961 T Bird 390 original complete; 40's Chev car; 50's Ford cars; 60's Chev car; 40's GMC pickup; 70's IHC pickup); assortment of other iron and machinery for iron.

drills; 6' tandem disc; 5 tooth;

seed cleaner; 50 steel wheels;

Oliver fenders; IHC parts; 40

mags; tractor manuals; yard

gates; tin seats; scale beam;

house doors; assortment of

other collectibles. The follow-

ing have been setting in the

pasture for years: Tractors: (Twin City; F20; Fordson); Trucks & Cars: (1978 Mus-

T Bird

Forc

Note: Most of the tractors have older restorations. Howard had most of the tractors in the 1976 parade, they came home and were put in the shed and have not been out since. Howard collected for years. Check our web site for pictures at www. thummelauction.com.

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

AUCTION WEDNESDAY, NOVEMBER 14, 2018 — 5:00 PM

Auction will be held in Kenwood Hall at the Saline Co. Fairgrounds in SALINA, KS

RAILROAD COLLECTIBLES, **ANTIQUES & HOUSEHOLD** Large collection of railroad collectibles: very large collection of paper items; Rock Island trains; RI keys; STLLS-WRW box car ties; assortment railroad hats, shirts, coats & gloves: RI table cloth: train pictures; RI duffel bag; RI paper weight, post cards, playing cards; train information books; many ads; SP envelopes; RI checks; key chains; belt buck-les (RI, SP, Cotton Belt); Sekio SP wrist watch; posters; RI glasses; railroad shot glasses; Cotton Belt mugs; RI magazine ads: assortment posters: rules books; playing cards; pads; RI stamps; time tables; SP decal; The Rock news letters; The Rock magazines; UP calendars: Model Railroad & Model Train magazines; RI CD's; railroad VHS tapes; 1800 wooden drive mantel clock; Aladdin Moonstone lamp; crock milk pitcher: crystal flower holder: mini Sew Mistress sewing machine; Arcade coffee grinder; Dazey 35 churn; wood coffee grinder; wooden round butter churn; walnut coal hod; store dispenser: other collectibles: electric football game; set china; barn quilt; Önita silver flatware; Consolidated Dutchwest wood & coal burning cast iron stove: Croslev 15 cu chest freezer; GE apartment refrigerator; modern roll top desk; wood gun cabinet; Hitachi 65" projection TV; Pro-Form J8 tread mill; Gympac 3500 weight machine; É-Force bike; 3 drawer file cabinet; assortment pictures; new ceiling fan; new glasses; BB rifle & pistol; 10 rolls wheat pennies; assort-ment of other glass; canning jars; office supplies; Ally Mc-Beal CD's & player; reloading scale; lap top cover; computer golf games: speakers: fern pedestal; room air cleaners; 2001-02-03 & 04 stamp year books; computer games; Marine Band harmonica; assortment of other items.

TOOLS & OTHER Craftsman 10" Contractor table

Note: Lvnn worked for several railroads and collected railroad items for many years. There is a large Rock Island collection along with Katy, Cotton Belt, SP & Up. The tools are mostly Craftsman and like new. Check our web site for pictures at www.thummelauction.com

CHARLES "LYNN" JONES ESTATE Auction Conducted By: THUMMEL REAL ESTATE & AUCTION LLC 785-738-0067

saw; Craftsman 10" radial arm saw; Craftsman 15" drill press; Craftsman band saw; Craftsman 6" jointer; Craftsman show vac; Craftsman Sawzall; Craftsman corner sander; Craftsman buffer; Craftsman impact; Por-ter Cable air nailer; Makita cutoff saw; 4" & 9" grinders; Craftsman router; Craftsman 42CC 18" chain saw; Craftsman 18 volt drill saw set; Craftsman rotary trim cutter; Craftsman 96 pc & 122 pc set mechanic tools: Wagner power roller; Craftsman 19 volt drill & impact; air stapler; Shopsmith 60882; assortment wrenches; assortment wood working hand tools; saw horses; firewood rack; metal locker; large assortment bird feeders; Havahart live animal traps; seed trays; new sheeting for green house; assortment of other items. Craftsman 19 hp riding lawn mower; aerator seeder; 2 yard trailers; Mantis tiller; 12 volt sprayer; Craftsman 42CC 18" chain saw; Poulan 330 Pro chain saw; Homelite chain saw; wheelbarrow.

White City, 1 bwf	1380@61.00	Lost Springs, 9 bwf	671@145.00	White City, 3 mix	672@132.50
Marion, 1 blk	1610@60.00	Woodbine, 16 blk	966@142.50	Woodbine, 3 Char	745@132.50
Herington, 1 blk	1785@60.00	Wilsey, 9 blk	896@142.50	White City, 20 blk	904@130.25
BULL	S	Tampa, 27 blk	723@142.00	Woodbine, 4 mix	605@130.00
Durham, 7 red	570@156.50	Wilsey, 9 mix	714@141.00	White City, 2 blk	628@129.00
Durham, 5 red	636@151.00	White City, 4 red	700@140.00	White City, 7 mix	622@128.50
Durham, 3 blk	635@149.00	Woodbine, 3 blk	718@140.00	Durham, 4 red	649@128.00
Durham, 4 blk	750@136.50	Cedar Point, 5 blk	718@140.00	Cedar Point, 5 blk	647@128.00
White City, 1 blk	1610@70.00	White City, 6 blk	746@137.00	Manhattan, 4 blk	621@127.50
Cncl Grve, 1 rwf	1685@68.00	Cncl Grve, 28 blk	728@137.00	Cncl Grve, 9 blk	672@125.00
Herington, 2 blk	2070@63.46	Wilsey, 5 blk	765@135.00	Tampa, 22 blk	692@125.00
STEER	S	BRED COWS - BY	(THE HEAD	Cncl Grve, 19 blk	679@122.00
Hillsboro, 6 blk	519@177.00	Blk 5+yrs \$575	.00-\$1,075.00	Hillsboro, 4 blk	978@120.00
White City, 3 blk	407@176.00	HEIFER	S	Herington, 9 blk	940@120.00
Herington, 4 Char	498@176.00	Cedar Point, 2 blk	355@160.00	CALVES - BY T	HE HEAD
Woodbine, 4 blk rd	493@175.00	White City, 2 blk	355@157.00	Herington, 1 blk hfr	220@310.00

Carlton, 3 blk

745@145.00

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• 62 mixed strs, 875 lbs. 120 mostly blk strs, 875 lbs.

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 35 bulls; Gardiner & Overmiller, and Schutte Herefords, will be Trich & Semen tested.

 400+ black, red & black white face Spring calving 1st calf heifers up to cows, will be preg checked.

Video & pictures will be available on LMA and Herington Livestock Market Facebook page.

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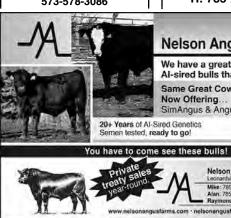
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Saline Co.- 2.7 Acres m/l. Southeast of Saline. 2 Story vintage restoration. 54x99 Morton Building. Chris 493-2476

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POTTAWATOMIE COUNTY 100 acres pasture and farm, new fences, \$3000/acre firm. 785-630-0621.



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'06 Load Trail 20' BH Utility

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include central heat and air, including the garage, rural water, a fireplace on each

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'04 Homemade 28' GN stock\$2,500 Blue Valley Trailers 225 South East St. Waterville, Kansas 66548 785-363-2224 1-866-368-4826 æ HUSTLER DROP 'N LOCKS. GOOSENECK HITCHES-Trailers 4 U 785-292-4166 Frankfort, KS ERRITT TRAVALONG www.trailers4u.com MACHINERY - USED IMPLEMENT -EZ Trail 510 grain cart 2015 R190 Hegl skid loader 2002 8106 White planter 2014 V400 Gehl skid loader 2010 MF 2856A round baler R190 Gehl skid loader Gehl 4240 Skid loader Ford 900 tractor Gehl 1870 rd. baler 2014 Gleaner S77 combine 2012 Gleaner S-77 1998 Gleaner R72 Gleaner 8200 30' w/air reel

Gleaner 800 30' flexhead Gleaner 400 30' rigid 2003 MF 9690 w/30' head Call us for your AGCO part needs!



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(2) BALERS FOR SALE: 2013 Massey Ferguson 2170XD square baler, 3x4, steerable tandem axle, roller bale chute blower, plunger extension cheese graters: \$56,500. Baler 3x3, with preservative applicator, \$32,500. Balers serviced by Griffin Baler Repairs: Bruce and Bill. Contact: Jim PH-620-242-8193.



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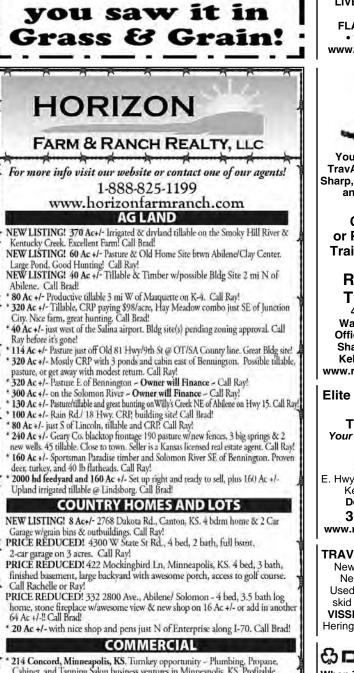
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KDA offers reimbursement to specialty crop growers

The Kansas Department of Agriculture has funds available for reimbursement to Kansas specialty crop growers who attend the Great Lakes Expo held in Grand Rapids, Michigan, from December 4-6, 2018.

KDA will reimburse Kansas specialty crop growers up to \$100 for conference registration. A flat-fee conference travel stipend of \$750 is also offered. Both awards are available on a first-come, first-served basis. The deadline for application is October 30, 2018. Applicants who apply for the travel stipend and registration fee reimbursement will be required to attend the conference and to complete surveys before, immediately after and six months post-conference prior to payment being issued

This program is made possible by a U.S. De-

Specialty Crop Block Grant (SCBG). The SCBG makes funds available to state departments of agriculture solely to enhance the competitiveness of specialty crops. According to USDA, specialty crops are defined as "fruits, vegetables, tree nuts. dried fruits. horticulture and nursery crops, including floriculture."

Grass & Grain, November 6, 2018

This grant fits the vision of KDA to provide

hances and encourages economic growth of the agriculture industry and the Kansas economy.

More information on the Great Lakes Expo can be found at www.glexpo. com.

For application details, go to the KDA website at agriculture.ks.gov/ grants. Questions should be directed to Lexi Wright, From the Land of Kansas program coordinator, at 785-564-6755 or lexi.wright@ks.gov.

partment of Agriculture an environment that en-Illinois study identifies key drivers of corn photosynthesis

We may not be able to see them, but plant leaves are riddled with tiny pores that open to bring in carbon dioxide, the gas converted into sugars through the process of photosynthesis. The pores, known as stomata, are dynamic, opening and closing in response to internal and external cues.

"I always give the example of standing in a field of corn. When a cloud goes over, the light changes and the temperature changes. Stomata respond to those changes on a second-by-second basis," says Tony Studer, assistant professor in the Department of Crop Sciences at the University of Illinois and author of a new study in Plant Physiology that characterizes corn stomata in a new way. "A lot of the work in the study is understanding the signaling pathway of those stomata and how they respond to different environments."

The work is important, in part, because it advances scientists' understanding of what's going on in corn leaves. Most previous knowledge of stomatal signaling comes from the lab rat of the plant world, Arabidopsis thaliana, a small flowering plant in the mustard family that differs from corn and other crops in a couple of big ways.

A crucial difference is the way both plants handle carbon dioxide. Corn concentrates carbon dioxide inside the leaf, allowing it to keep its stomata closed more of the time. Since water vapor escapes from stomata at the same time carbon dioxide enters the leaf, keeping stomata closed reduces water loss from the plant.

"Previous research with Arabidopsis is valuable - it provides a launch pad for our work - but directly study-



ing corn is going to be more applicable to the industry because there are fundamental differences; even the shape and pattern of the stomata are different," Studer savs.

Studer and his colleagues found that corn has multiple copies of the gene for an enzyme called carbonic anhydrase. They demonstrated that one copy, ca1, is involved in kicking off photosynthesis in corn, and another, ca2, signals stomata to close. Understanding the roles of these variants and others could one day help breeders improve corn in the future by making specific changes.

Because stomata are the gatekeepers for both carbon dioxide uptake and water loss, the tiny structures will be crucially important in responding to a climate with more carbon dioxide and less predictable rainfall. Although corn stomata are currently effective at conserving water, the new study identifies ways they could be improved.

The researchers compared the performance of corn plants with and without ca1 or ca2 under well-watered and drought conditions. Without the genes regulating stomatal closure and the beginning stages of photosynthesis, the experimental plants did not perform well. But they didn't do as badly as one might expect. Studer thinks additional versions of the ca gene filled in the gaps

"Even though there isn't as much carbonic anhydrase in the mutant plants, even a little might be enough because it is the fastest enzyme on the planet," he says.

Precise measurements in this study also revealed some basics about just how much water corn needs for normal growth. "Our research shows that corn isn't wa-



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Grass & Grain, November 6, 2018

Chapman to host **Barn Quilt City Days**

Chapman will host Barn Quilt City Days Friday and Saturday, November 9 and 10, in downtown Chapman.

The event celebrates the Barn Quilt City of Kansas: Chapman. There are over 100 barn quilts in town to tour.

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Special events include:

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Walking/driving tours of the barn quilts in Chapman & Dickinson County

Christmas Open house at the flower shop w/complimentary coffee & cookies.

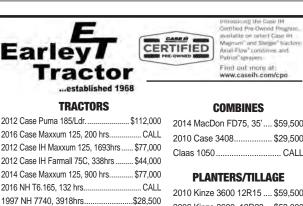
Elf shop hop spree at the quilt shop.

Veteran's Day Sales & Sip while you Shop on Friday night, featuring Kansas wines at the boutique shop.

Explore classes at the Art studio.

Chapman Library barn quilt/quilt exhibits, featuring a 1889 Chapman Congregrational Church quilt, complete with embroidered names & dates. Also, barn quilt coloring contest.

Participating merchants are doing purchase-entry drawings. A customer who makes purchases in the three participating businesses will go into another drawing for a painted 1x1-foot barn quilt or a free pass to one of Kanza Barn Quilts' painting classes.



2016 NH T6.165, 132 hrs CA	LL 2010 Kinze 3600 12R15 \$59,50
1997 NH 7740, 3918hrs\$28,5	00
2012 NH Boomer 50, 133hrs\$25,0	2006 Kinze 3600 12R23 \$52.00
, , ,	Case III 2000 22' Dick \$19.50
2013 NH T6.165, 2137hrs\$75,0	Cuefferier (010 0 00 E0
2016 NH Boomer 47, cab, ldr, 39hrs\$32,5	00
2005 NH TC35DA\$13,5	00 Landoll 2227\$10,50
1995 Ford 5610\$19,5	00



Coyote management meeting set for November 28th in Girard

Native American folklore describes the coyote as being a savvy and clever beast. Today, coyotes show that cleverness as they have adapted to the changing American landscape. Coyotes once lived primarily in the open prairies and deserts, but now roam all of North America including many cities. Coyotes have adapted so well that their population is believed to be at an all-time high.

The Wildcat Extension District will host a free public meeting on Coyote Management on Wednesday, November 28th, 2018 at the Girard High School from 6 p.m. to 8:30 p.m. Registration starts at 6 p.m. and the program will begin around 6:30. The high school is located at 415 North Summit in Girard.

Charlie Lee, K-State Wildlife Damage Control specialist, will discuss coyote behavior and biology, give tips on calling coyotes, and will discuss how to trap coyotes. Please RSVP to the Independence office at 620-331-2690 by November 27th.

Please join us November 28th to learn more about covotes and how to effectively control them in your area.

An informational flyer can be downloaded from the Wildcat District website at www.wildcatdistrict.k-state. edu. For more information, contact Jeri Geren, Diversified Agriculture and Natural Resources, jlsigle@ksu.edu, (620) 331-2690.

Fumonisin toxicity found in the area State University publi-

The Kansas Department of Agriculture is reporting fumonisin toxicity in north central Kansas. Fumonisins are a mycotoxin produced by several fungus species in the Fusarium genus and are common on corn plants. Fumonisin is reported to occur on visibly healthy grains and are common in grain fields, but certain conditions can allow them to proliferate. Conditions are favorable for fungal growth during drought

and are accompanied by high temperatures during grain fill. Concentrations of fumonisins are not the same across one field. High concentrations are usually diluted with low or uncontaminated grain when harvesting and by grain elevators. Many issues arise when feeding homegrown corn to animals. Testing feed is the best way to ensure you won't be feeding contaminated corn to animals.

According to a Kansas

cation by Tim Herrman, "Horses appear to be most susceptible to fumonisin. This mycotoxin, when fed to horses, causes a unique neurotoxic syndrome called leukoencephlomalacia (ELEM). This disorder is characterized by liquefaction of the horse's brain. Neurotoxic symptoms include lowered feed consumption, lameness, oral and facial paralysis, seizures, and eventual death. It

has been shown that the toxin is carcinogenic and also associated with pulmonary edema in swine." Pulmonary edema is the medical term for fluid buildup in the lungs.

If you suspect health issues with your horses or other livestock, contact your veterinarian. Inspect your corn grain and ears for fungal growth. You can also test for fumonisin and other mycotoxins at several labs in the area.

musk thistle control Fall is good time for

By David G. Hallauer, **Meadowlark District Crops** & Soils/Horticulture Agent

With many other invasive species, the focus of our summer weed control program (sericea lespedeza comes to mind), we sometimes forget about how bad musk thistle can be for our grasslands. It's still there, however, and just waiting for next spring to take off yet again.

Just because musk thistle is waiting for next spring doesn't mean forage managers should do the same. Musk thistle is what is known as a biennial or

winter annual. That means that they germinate in the spring, spend the summer as a rosette, live through the winter, then bolt the following summer, essentially taking two years to complete their life cycle. It's pretty difficult to get them during the bolting stage as they get ready to enter reproduction, so focusing on the rosette stage is the key to a good control program. That focus starts this time of the year as we work to control those firstvear rosettes.

For many reasons, fall is often considered the optimum control window for musk thistle. For starters, the plants tend to be smaller and more susceptible to herbicides. Off-target drift potential is also reduced

as most ornamentals, forest stands, and sensitive row crops are for the most part far enough along to be less sensitive to off-target herbicide movement. Unlike trying to spray for many other weeds, our application window is actually pretty wide as well, stretching until the ground is frozen and plants have shut down (earlier frosts may cause some leaf discoloration, but plants are susceptible to herbicides as long as green tissue exists).

Product options vary. 2,4-D LVE, dicamba, and picloram-containing products have typically shown excellent fall control potential. Newer active ingredients like aminopyralid and metsulfuron have

performed very well, too. If you need to treat musk thistle this fall, herbicides exist that will not only control the rosettes at the time of application, but will carry over and control new emerging rosettes next spring. If possible, select a warm, sunny day when spraying musk thistle this fall. Always read and follow label directions.

The 2018 KSU Chemical Weed Control Guide has an entire section on musk thistle control, including product names and application rates. You can access a copy online at https://www.bookstore. ksre.ksu.edu/pubs/chemweedguide.pdf or request one from your District Extension Office.

Marysville Livestock Sales Every Thursday at 12 Noon

Bill Keesecker, Manager • 785-562-1015 1180 US Hwy. 77, P. O. Box 67, Marysville, KS 66508 PLEASE VISIT OUR WEB SITE TO SEE OUR LATEST DETAILED MARKET REPORTS AND UPCOMING CONSIGNMENTS AND SPECIAL SALES: www.marysvillelivestock.com STEERS/BULLS

		SIEEKS/DULLS
Market Report for 11-1-2018.	BEEF	
582 HEAD SOLD	\$190.00-\$167.00	300-400#
JOZ NEAD GOED	\$185.00-\$158.00	400-500#
HFRETTES	\$180.00-\$145.00	500-600#
N/A	\$161.00-\$140.00	600-700#
	\$153.00-\$126.00	700-800#
COWS-HIGH YIELDING	\$145.00-\$125.00	800-900#
1470#-950# \$79.00-\$53.00	\$139.50-\$124.00	900-1000#
		HEIFERS
COWS-LGT WT & LOW YIELDING	\$163.00-\$140.00	300-400#
1410#-990# \$52.00-\$27.00	\$160.00-\$125.00	400-500#
BULLS	\$156.00-\$127.00	500-600#
	\$152.00-\$126.00	600-700#
2405#-990# \$73.50-\$53.00	\$139.00-\$110.00	700-800#
	\$129.00-\$92.00	800-900#
	FIELDMEN	
Greg Anderson Trevor Lundberg 785-747-8170 785-770-2271 Waterville, KS Frankfort, KS	Bures, Auctioneer Jeff Cook 02-239-9717 785-564-2173 lell, Nebraska Hanover, KS	785-799-5643 402-

Secretary of Agriculture confirms second round of trade aid

ture Secretary Sonny Purdue confirmed the United States Depart-

Last week, Agricul- ment of Agriculture will go forward with releasing the second round of funds to producers being



negatively impacted by foreign tariffs. These funds will be released in December. The U.S. has made improvements in trade with the renegotiation of NAFTA now USMCA, and the U.S.-South Korea Federal Trade Agreement. However, farmers and ranchers are still being battered by Chinese, Mexican, Canadian, Eu-

Barn Phone • 785-562-1015 www.marysvillelivestock.com

AKE ESTATE A

FRIDAY, NOVEMBER 16, 2018 -— 9:30 AM

LOCATION: 18713 Plymouth Rd. — Russell, KS 67665. From Russell, take Hwy 281 South 3 miles to Plymouth Rd then go East approx. 2.5 miles to location.

Trucks, Vehicles & Trailers: 1948 Dodge Grain Truck w/48k mi.; 1953 GMC Dump Truck w/49k mi; GMC 4000 Truck w/Fertilizer Spreader Bed & 102k mi.; IH L160 Series Dump Truck w/34k mi.; Twilight Bungalow C-Line 5th Wheel Travel Trailer; 1983 Eagle Stationwagon 4x4 w/93k mi.; VW "Bug" Car; 1987 Ford Ranger-4x4; Ford F100 Pickup; 1975 Motor Home; Pickup Bed Trailer; 2-Wheel Implement Trailer: 7'x18' Tandem Axle Car Trailer: 2-8'x18' Tandem Axle Gooseneck Implement Trailers; 30' Tandem Axle Gooseneck Implement Trailer; Hay Trailer; all trucks & vehicles sell as is.

Tractors & Equipment: John Deere 70 & A Tractors; JD 2270 Self Propelled Swather w/300 Twin Knife Head; JD 510 Big Round Baler; Great Plains 30 hole 3-sec. Drill; 2-JD 16 Hole Drills; JD 1-way Disc; NH 271, 277 & 282 Small Square Balers; Steel Wheel Road Grader; JD Grain Binder; Dump Rake: Flare Box: 5' Whirlcut Mower: McCormick Horse Drawn Mower; IH Rollbar Rake; 12' Single Disc; Buzz Saw; Older IH Drill; Case 14 Hole drill; 3 pt Slip Scraper; Grain Auger; Dempster 2 Row Planter; Old Implement Seats; Portable Hay Feeder; JD Tractor Loader- Hay Forks; JD Van Brunt Drill; Round Bale Trailer; Hesston Bale Mover; Krause 14' Offset Disc (not complete); 18' Springtooth; 6-shank Applicator; Fuel Tank w/Heavy Duty Drag; Small Square Bale- Grapple Loader; 3 pt Bale Mover: 3 Bottom Plow: JD Swather Frame: Grain-O-Matic Grain Box; Cab for JD Tractor; 3 pt Case Backhoe; 3 pt 9 Shank Chisel w/Sweeps; Older Steel Wheeled Drill; Steel Implement Wheels; Plus more old implement pcs not listed.

Farm Tools & Collectibles: Hobart Portable Welder; Century Wire Welder; Yard Man Snow Blower; Old Cabinets; Granite Pots and Pans; Cast Skillets; Double and Single Wash Tubs; Whiskey Barrel; Iron Kettle w/Jacket: Old Porcelain Cookstove: Old Tools; many more collectibles will be dug out by sale time.

NOTE: This could be an interesting day on the farm as this is only a partial listing. Equipment has not been used for several years so it all sells as is, w/ no guarantees.

DAVID BLAKE ESTATE, Sale by order of Leah Maupin Admin.

SATURDAY, NOVEMBER 17, 2018 9:30 AM

LOCATION: 1619 S Hwy 281 - RUSSELL, KS 67665. 1 mile South of Russell on Hwy 281 Antiques & Collectibles: Cushman Eagle Motor Bike w/Side Seat; Honda Mini Trail Bike; Lighted Beer Signs and Clocks; Railroad Lanterns; Old Cream Cans; Various Butter Churns; Head Vase Collection inc. Marilyn Monroe: Vintage Jewelry: Jewelry Chest; Water Canteens; Various Old Violins; Red Wing Crocks; Red Wing Butter Churn; Vintage Kitchenware; Soda Pop Marker Boards and Signs; Vintage Pictures & Frames; Brass Lights; Doll Collection inc. Porcelain & China; Lots of Salt & Pepper Shakers inc. Aunt Jemima; Glassware inc. China, Depression, Cut-glass, Imperial, Fenton & Carnival; Pocket Knives & Belt Buckles; Titano Concordant; Vintage Rugs & Blankets;

Cookie Jars; Milk Bottles; Oil and Aladdin Lamps; Old Tables and Cabinets; Budweiser Beer Steins; 6 Miniature Sewing Machines (collectors); Coleman & RR Lanterns: Kentucky Rifle Kit; Flasks; Old Pepperbox Pistol: Marilyn Monroe Posters: Metal Cigarette Signs; Vintage China Cabinet (nice); Coffee Grinders; Granite Coffee Pots; 1871-1981 Russel County History Book; Commercial Fryer, Cooler and Mixer; Bedroom Furniture inc. Baby Bed. Chest of Drawers, Full Bed, Dressers, Display Cases; Fireplace Mantel; Old Clothes Trunks; Baby Era Model Airplane; Old View Master; Coleman Coolers; Kitchen Utensils; Various Rolls of Upholstery; Candle Mold; Milker Buckets; plus more.

NOTE: This listing is only a small portion of the items offered at this auction. Hard to find and rare items will be offered at this auction. Bring your chairs as this "sit down" auction will be held inside a heated building.

DAVID BLAKE ESTATE, Sale by order of Leah Maupin Admin. Go to auctionzip.com for photos.



SELLER: LES WELLER & 1 Other Party For Complete Listings & Pictures go to: KSALLINK.COM BOB'S AUCTION SERVICE Auctioneer: Bob Kickhaefer, • 785-258-4188 Clerk/Cashier: Bob's Auction Service

percent of U.S. soybeans, wheat, sorghum and corn. Payment rates for the second round of MFP have not been released.

ropean, Turkish and In-

dian tariffs, particularly

the Chinese tariff on 25

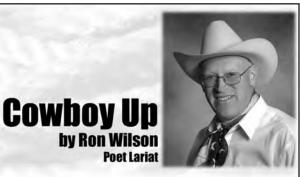


Horse Drawn Buggy

McCormick Metal corn sheller; Wooden sandwich Manufacturing Co. corn sheller; several hand corn shellers: 2 White Eagle and 1 Skelly 10 gallon galvanized fuel cans; Fire engine lantern; Rock Island lantern with blue and clear globe; 8 barn lanterns; Copper boilers; crosscut saws; milk cans; milk stool; cowbells; 7 oil jars and carrier; 14 pair harness hames: 2 metal and several leather horse collars; Approximately 300 license tags; old shovels; wrenches; hand saws; old buckets; Blacksmith tools and tongs; cast iron boiler; Idea #1 stencil cutter; insulators; US Navy machete; Collection of large and small casings; trenching shovels; 2 mess kits; ammo boxes; gun powder can; Army oilers; 2 screw house jacks; handyman jacks; grist mill; wagon wheel soakers; 5 parking meters; 150 advertising yardsticks; collection of 33 hair clippers; de-horners; foot warmers; wooden levels; marking gauges; scythes; IH tool box; large glass chicken waterer; kitchen cabinet; sugar jar dispenser; shock tightener; garden tools: wooden boxes: Kitchen knives and cleavers; yankee drills; hand grinders; horse and pitching shoes; miner's pans; Advertising wooden clothes hangers; wood spools; stove shakers and lifters; bull whips; old silverware; iron hangers; lead rounds and bars; lead ladles; large and small ice tongs; stove pokers: ash shovels: ice saw and hook; kraut cutter; meat saws and hooks; cow stanchions; jars; whips; sledge hammers; wedges; axes; water cans; pitch forks; shovels; Hoosier Oak cabinet (roll front with spice jars): Kitchen cabinet top with frosted glass (painted); several fancy cast iron beds including baby bed; flat top small humpback trunks; large wooden tool chest; primitive chest; wood wash tub and stand; wooden bench; approximately 30 cast iron skillets: griddles: cornbread pan; waffle irons; kettles including Griswold heart waffle iron; Dazey #40 churn; coffee grinder; milk bottles and carriers; wooden egg crate; wooden hat mold; Collection of 68 Advertising rain gauges; cast iron kettle; Chatillion green porcelain hanging grocery scale (From Delia, KS grocery); Simpson tree weight counter scale; grist mill; wooden meat bucket; wooden barrel churn; table top platform scale; 5¢ and 10¢ postage stamp dispenser; Pepsi 5¢ tin barrel; Pepsi bottle carrier; old plastic Coke sign; 8 gallon Diamond,

4 gallon Elephant Ear, 2 gallon Western and 5 gallon jug (no handle); wooden towel rack; wooden spigot; sad and gas irons; wood cheese boxes; McCoy planter; old electric fan; rug beaters; bottle cappers; IH tool box; wood rolling pins; Oak booster seat for barber chair; Coca Cola sign; check writer; cast camel shelf brackets; wooden ironing boards; wooden figural cutting boards; Bordens 1/2 pt embossed milk bottle and other milk bottles: Coffee and Tobacco tins; food grinders; stainless milk container; coal bucket; Copper and other tea kettles; cast iron trivets; fruit jars; local advertising kitchenware; Burma shave jars; Collection of many church kev bottle openers: advertising paint openers; trolly car links; buckets; wooden Ford battery box; vintage auto hood ornaments; IH brass radiator cap; steering wheel knobs; stomper washer; advertising dust pan; sewing machine drawers; wood boxes; wood levels and marking gauges; wooden bowls; foot warmers; blow torches; hay knives; shoe last; hay knife; buggy steps; spring seat springs; hatchets; cast iron bill holders; wagon wrenches and hames: mole and other traps; speculum; corn nubber; LOTS MORE!

LEO & ROWENA GANNON ESTATE **GANNON REAL ESTATE & AUCTIONS** VERN GANNON, BROKER/AUCTIONEER 785-770-0066 • MANHATTAN, KANSAS • 785-539-2316 www.gannonauctions.com **AUCTIONEERS: Bob Thummel & Don Burnett** AUCTIONEERS: Bob Thummel & Don Burnett



Good Point

As a person drives west along the Kansas River valley, on Highway K-18 from Zeandale toward Manhattan, he or she will come toward a set of tall hills. On the north end of that ridge one can see a mound which projects above the hills around it. This modest promontory is called Fremont Point.

Fremont Point is named for the legendary explorer John Charles Fremont. As noted in a previous column, Fremont's expeditions played a pivotal role in the opening of the American West. In the western U.S., some say there are more counties, cities, towns, streets, parks, peaks and points named for Fremont than any other individual.

traveled Fremont across Kansas five times. On one of those five trips exactly 175 years ago - he traveled along the Kansas River valley from Kansas City to what is now Manhattan. Part of his path would have approximated the route of the current highway K-18 today.

Charlie Given, a retired Manhattan teacher and historian, has written an excellent report about Fremont Point. The name Fremont Point appears on several maps such as those produced by the U.S. Geodetic Survey topographical series and the DeLorme Kansas Atlas and Gazeteer, but I don't hear many local folks call it Fremont Point anymore.

Fremont passed by here in his travels, but records do not reflect that he ever climbed to the top. Fremont may or may not have done so. He would typically ride ahead of the main party and explore points of interest, but if he climbed this hill, he did not record it in his journal.

Fremont Point is one of the highest points in the bluffs overlooking this part of the Kansas River. It would have provided an excellent vantage point to see the landscape or to watch for game or potential hazards. Fremont Point is marked with an official U.S. Geodetic Survey marker, according to Charlie Given's report.

Fremont Point was also the site of a prehistoric native burial ground. K-State Anthropology professor Dr. Lauren Ritterbush estimates in the report that this mound was used by Native Americans during the latter part of the Woodland period (roughly 250 BC to 1000 AD). In the 1950s, a Manhattan dentist named Roberts excavated the site himself - which would rightfully be considered desecration by today's standards.

Artifacts removed from the burial site included numerous human bone fragments, more than 800 bone beads, 180 disk beads, two pendants, and 35 projectile points. These artifacts are said to be in the national collection of the Smithsonian. As a dentist, Dr. Roberts said he could identify the remains of more than 300 human teeth.

What tribe were these Indians? The answer is: It is impossible to link such older remains with modern tribal entities such as Kanza, Pawnee, Osage, etc. In prehistoric times, these were simply indigenous natives.

Fremont Point is located some distance from the ranch where my wife and I live. We have no burial sites on our land, but our upland pasture does include some beautiful high

Grass & Grain, November 6, 2018 hills which overlook the

Kansas River and which

inspired the following

excavate native sites ac-

cording to the Unmarked

Burial Sites Preservation

Today, it is illegal to

poem.

private property and is not accessible to the public. But I still like to ride down Zeandale Road and look up at that high mound on the hill, imagining natives and Fremont himself exploring this fertile valley of what became Kansas.

Act. Fremont Point is on **Peak Experience** By Ron Wilson, Poet Lariat Atop of these high peaks, in this green Flint Hills landscape, One can find commanding views of the valley's course and shape. I think I can see forever, when I take the time to gaze From the hilltops of the pasture where my languid cattle graze. I imagine old explorers, John C. Fremont and his crew, Who might have ridden through these hills and seen the awesome view. And what about the Indians, of whom history describes.

As our very first people, the Native American tribes? Would they have ridden on these hills, as our ancestors did once, To give guidance to their travels or assist them on their hunts? Times have changed. I now see fences and a cloud where airplanes flew, But I give thanks explorers and Indians once shared my hilltop view.

Happy Trails! www.ronscowboypoetry.com

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AB annual conference brings all links together

By Miranda Reiman

Just as a cattle feeder depends on the rancher, a chef counts on his foodservice distributor. A packer listens to his customers and then procures what they want, and a retailer does the same.

Parallels like that run through the supply chain, and when more than 700 gathered for the Certified Angus Beef® (CAB®) brand's annual conference last month, they got to meet face to face and talk about them firsthand.

"To be a part of a community inherently means we're part of something bigger than ourselves,' said John Stika, CAB president. "The more intentional we are in understanding the unique realities of all of us who comprise it, the more effectively we can support each other and the stronger our community will be."

Attendees from 43 states and 18 countries, representing all parts of the beef chain, attended the three-day event, Sept. 26 to 28, in Maui, Hawaii.

Stika thanked the brand partners for selling 1.21 billion pounds of CAB in the 2018 fiscal year.

"To see a seven-million-head reduction in the number of high-quality fed animals that are harvested the past two years. "People want what you're producing. They're willing to pay for it."

With the increased tonnage comes both opportunity and a burden on stakeholders to get creative in their sales approach.

On the island, an ocean-side rotisserie spit featured an entire side of beef. CAB corporate chefs roasted it over the open coals all day, while passersby stopped, took pictures and asked questions.

That was just an illustration of the beef innovation that happens in CAB headquarters and at licensees across the world all year long.

Tracey Erickson, CAB vice president of marketing. unveiled a new Japanese website and the first release of the Rare Moments Done Well, TV commercial running in targeted markets on Prime Time.

She emphasized that digital space is important to occupy, but relationships will always be the key to brand marketing.

'We don't ever want to be a virtual brand without people," Erickson said.

Sessions focused on how to build beef sales, starting with being better at business.

Chris Hogan, former college football standout

Breakouts took a deeper dive into challenges and opportunities, by business type, from capitalizing on Prime availability to using mobile-device trends for an advantage.

Restaurateurs heard from Mark McCully, CAB vice president of production, who said, "Sustainability is not a new thing."

He put science in perspective, and explained how farmers and ranchers protect their resources and add value to marginal land.

"The most effective use for that is what we're using it for: grazing it with cattle," McCully said.

Cattle care was a topic as three college students took the stage. Michael Cropp and Elisabeth Forker, both CAB Colvin Scholarship winners, and Sydni Lienemann, 2018 Angus Ambassador, took questions from the crowd.

"I really value the closeness that I have with my family because we work with each other day in and day out to raise the cattle the best we can,' Lienemann said.

The panelists gave a personal face to production agriculture, from stories of the Lienemann kids "selling" their dog named Angus in pretend living room bull sales to Forker's Christmas morning blizzard memories at her family's Loseke Feedyard.

Later that evening, Angus breeder Joe Goggins called for bids in the Colvin Scholarship Auction, where CAB partners raised a record \$143,450 to support collegiate agriculture students.

"Not only has the scholarship helped me, but you guys selling our product and being advocates your-



selves has helped me further my career and education," Forker said, noting she and her husband are currently feeding a pen of cattle with her parents.

"That CAB-Choice spread Randy (Blach) was talking about earlier? That's been funding my education because of you"

But that narrative was different when the brand started 40 years ago. Stika talked about the hard times and humble beginnings.

"I think we would all agree it hasn't always been like it is to today, has it? To be an Angus breeder or a quality-minded participant in the beef industry" Stika said, recalling trials

like USDA's cancellation of the program or the narrow board vote that kept a then-fledgling brand afloat

Baseball legend Jim Abbott talked about beating the odds and shared inspiration: "The first thing we can ignore is somebody else's opinion of what is possible."

Looking to the next 40 years, CAB leadership plans to take that to heart.

"Our goal remains to become a stronger, more innovative brand partner that delivers creative, innovative, impactful marketing elements that drive demand and increase your business," Stika said.



Wheat, Memorial & large cents; nickels, dimes, quarters & half dollars; Peace & Morgan Dollars inc. 1898s key, 1879cc, 1880cc, 1891cc; 2 1/2, 5, 10 & 20 gold pieces; 1874 & 77 trade dollars; proof & mint sets & MORE! SEE OUR WEBSITE FOR COMPLETE LISTING!

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and you see 14 years of now working with finance consecutive growth," said Randy Blach, CattleFax CEO, "that tells you you're doing the right thing, doesn't it?"

Supply will be strong going forward, he said, but cattlemen should look to the economic signals that say, "Don't let up."

"Production has gone up that much and demand didn't collapse," Blach said, noting the \$20-per-hundredweight CAB premium over Select

and life coach Dave Ramsey, focused on how to strengthen teams.

"What are you doing to make sure your rock stars know that they matter?" he said. Show you care by asking these three questions: "How are you? What are you working on? How can I help?"

He said, "A good leader can help someone get better at their job. A great leader can help someone get better at their life."

RETIREMENT AUCTION SATURDAY, NOVEMBER 17, 2018 — 9:30 AM 2209 120th Road — SABETHA, KANSAS From Sabetha: 8 mi. South on W Rd. to 120th Rd., then West

1 mile. From Wetmore: 1 mi. West on Hwy. 9, 10 mi. North on W Rd.; 1 mi. West on 120th Rd.

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AUCTIONEERS: THE AESCHLIMAN BROTHERS Steven: 785-547-5034 • David: 785-284-2417

AUCTION

SATURDAY, NOVEMBER 10, 2018 — 9:00 AM Offering for sale at Public Auction, 200 N. Poplar, (Wheat Building), GOESSEL, KANSAS

COINS, JEWELRY & COLLECTIBLES

Large coin collection, approximately 500 lots including: books of coins, 100's of pounds of wheat pennies, Flying Eagle cent, old Silver nickels, dimes, quarters, halves & dollars, rare Gold copies, some foreign Silver coins; Turquoise Squash Blossom necklace; Silver & Turquoise rings, display cases; 34"x62" Navajo rug circa 1950, size is true, tight weave, good condition; 51"x51 Navajo blanket circa 1950; 1 - large, 2 - small pieces of Limoges; books; misc. household items; & more.

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

Schmidt Clerks & Cashiers / Lunch provided by: K & B Catering TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements



240 ACRES RICE COUNTY, KS LAND TUESDAY, NOVEMBER 13, 2018 - 7:00 PM Auction Location: Mutual Telephone Community Room -LITTLE RIVER, KANSAS Legal Description: SE4 and N2SW4 of Section 5, Township 18S, Range 6W in Rice County, KS. 240 acres more or less.

This rolling tract is in CRP grass and native grass. The location is 8 miles north of Little River, KS and only 1/2 mile off Hwy 4. AUCTIONEER'S NOTE: The property is presently being harvest-ed for hay since the expiration of the CRP contract. It is best suited for having or pasture but will require fencing for pasture purposes Numerous plum thickets and trees along the draws give it excellent hunting potential. If you are looking for a hunting property that also has income potential ... TAKE A LOOK at this one. **MCPHERSON COUNTY COMMUNITY FOUNDATION**

OSWALT AUCTION & REALTY, Bill Oswalt-Broker Little River, KS • 620-897-6354/7500 • oswaltauction.com

SATURDAY, NOVEMBER 10 — 9:30 AM SHARP 745 S.W. Vesper — TOPEKA, KANSAS

DIRECTIONS: From S.W. 6th and MacVicar, West on 6th to S.W. Vesper, then South "OR" 1 Block East of S.W. 8th & S.W. Oakley ... WATCH FOR SIGNS!!!

FURNITURE: Oak China Cabinet, Marble Top Parlor Table, Square Oak Table, Smoke Stand, Oak Curved Glass China Cabinet, Reclining Loveseat, 4 Drawer Chest, Recliner, Divans, Oak Fern Stand, Lamp Tables, Table & Desk Lamps, Antique Utility Cabinet, Trunks. GLASSWARE: Franz Pottery/Glassware, Ruby Red, Fenton, Cut & Pressed Glass, Depression, Frankoma, Lladro, Aynesley, Hobnail, Goebels, Longaberger, Misc. Dishes, Jardinieres, Cookie Jars, Kerosene Lamp

COLLECTIBLES: Nabisco & Uneeda Biscuit Company Items, Die Cast Items, Marbles, Ink Wells, Lots of Tins, Hallmark Ornaments, Steins, Costume & Other Jewelry, Pocket Watch, Bolo Ties, Silver Dollars

TOOLS & MISC .: Linens, Kirby Vacuum (Like New), Sm. Appls. Fans, Alum. Ext. Ladder, Camel Saddle, Handicap Access., Hand & Garden Tools, Pictures, Frames, Shop Vac (New in box), Metal Cabinets, Misc. Planters. **OTHER ARTICLES TOO NUMEROUS** TO MENTION!!

AUCTIONEER'S NOTE: Seller was employed by Nabisco for 30+ year. This is quite the collection of advertisement items and collectibles.

TERMS: Cash, GOOD Check or Major Credit Card (Use of a Credit Card requires a \$50 minimum purchase with a 5% Convenience Fee Added). Not Responsible for Theft or Accidents. Show I.D. for Number to Bid. Anything Stated Day of Sale Takes Precedence Over Any Printed Material. CONCESSIONS OFFERED.

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LOCATION: 2031 2200 A From Chapman 4 miles South on Rain Road to 2200 Avenue, turn East for 1/4 mile. Be on time!

EQUIPMENT AUCTION

SATURDAY, NOVEMBER 17 — 10:30 AM



EQUIPMENT: 2008 JD 3720 diesel, 667 hrs., E-Hydro, front assist PTO, 3-pt. w/300X loader (like new); Great Plains 3P500, 5', 3-pt. drill, reg. & small seed drop boxes, used for approx. 30 acres, always shedded, like new; 2013 Bobcat S650, 2 speed, heat/air, diesel, radio, 1440 hrs, (will sell with choice of buckets); bucket mod 74 toothed, low profile or mod. 80 bucket low profile; Other Bobcat *Equip.:* hydraulic post digger, 12" rock bit & 8" dirt bit; 72" Hyd. mower deck, rotary cutter; 72" soil conditioner, hyd; 72" root grapple bucket; *Other Skid Loader Equip.:* Virnig bale prong; Caterpillar T9B trencher; *Misc:* 180 bu. gravity flow whyd. drill fill auger on JD running gear; Quality line auger wagon, 50 bu., 2 wheel, PTO.

VEHICLES, ATVs, TRAILER: 2013 Titan gooseneck dump trailer, 7 ton, 6[']x16', elec. over hyd. w/ramps, very good; **2005 Ford** pickup, crew cab, 4-door, 1-ton, rear duals, XLT Super duty power stroke, 6 liter V8 turbo diesel, 5 speed man, new injectors, rebuilt turbo, red w/gooseneck ball & running boards, 138K miles; 2013 JD Gator 825i DOHC, 4x4, 408 hrs, glass doors, heater, power up/down bed, 1808 miles; 2 Yamaha Grizzly 4 wheelers, 550c, power steering, 4x4, red, 980 miles, Blue 1221 miles, very good condition; 1996 Chevy 1500, 350 V8 auto 2x4, auto; 1962 GMC 4000, 305 V6, hoist, 2x4 trans., 2 ton, (as is).

SELLER: KOLLING PHARM (Gary & Devra Kolling) For more info call Gary Kolling 785-761-5111 (leave message or text)

AUCTIONEER'S NOTES: These items are in VERY GOOD to LIKE NEW condition! NO SMALL ITEMS, BE ON TIME! Sale will be over by 11:30 AM. Loader day of sale.

For pictures & listing go to kansasauctions.net/reynolds

TERMS & CONDITIONS: Cash or personal check with proper ID. All items must be paid for before removal. Statements made day of auction take precedence over printed material



landmanrj@gmail.com Independent Cashier: Diane Lykins Grass & Grain, November 6, 2018



Changing With The Environment **By Nicole Lane Erceg**

I have a teal dinosaur that sits on my desk. It's an unusual office ornament, but he serves a valuable purpose. When plans change, when the unexpected pops up, when I'm tempted to say "We've always done it this way," he's my reminder of what happens when we fail to adapt. We go extinct.

It may not feel like it, but the beef production landscape is always changing. The consumer-driven move toward higher quality started slowly, but grew faster

and faster until today it's one of the mega-trends within the beef community. This year marks a conjunction of the largest U.S. fed beef supply and highest quality in modern history, with record numbers grading Choice and Prime.

As beef kept getting better, more in line with what consumers want-both here and abroad-the taste for beef has grown. Since 1998, U.S. consumer spending for this protein increased 7%, more than the combined total for pork and chicken in those 20 years. Building demand has been critical, but equally important is shifting the makeup of our supply to meet that evolving taste.

Both genetic selection and management choices at the ranch led us to the high ground on which we stand today. In this environment where demand has nearly kept up with supply, it's easy to get complacent and look away from carcass quality. We can feel good about how far we've come, since quality is the best it's ever been, and narrow our focus to maternal or growth.

That's one way to respond.

One seedstock producer I met recently plans to adapt differently-doubling down to produce a greater share of premium beef, still taking his cues from the consumer.

'Imagine if every pound of beef we produced graded high Choice or better? People would be gobbling it up!' he told me.

And they would happily pay more, which is why he

and others who head that way are rewarded. Today, ranchers who continue changing to elevate beef quality reap the benefits on their bottom line. According to CattleFax, the added value to premium beef has maintained prices at record-wide spreads over Select beef throughout this quality shift. Producers still earn premiums based on those spreads.

This rancher knows great eating experiences keep people coming back for more and he sees value in keeping traits like marbling at the center of his target.

"Some people call them carcass cattle: I just call them good cattle," he said. "Don't tell me you can't create cattle that do everything and still have marbling."

The only new money in the beef industry is in consumers' pockets. When they demand more premium quality beef and producers adapt to provide it, those dollars flow back to the ranch. For this cattleman's commercial customer last year, it meant \$200 more per head from retaining ownership of calves over what he would have earned if sold at weaning.

This shift is leaving less room for lower grading, commodity beef such as Select. It may not go extinct, but some are calling that target a dinosaur.

Next time in Black Ink® Miranda Reiman will look at marketing's other side. Send comments and questions to nercea@certifiedanausbeef.com.

thing for cattle itamins, part of doing the right

By Jera Pipkin

Like pieces of a puzzle, vitamins are essential in keeping cattle healthy year-round. Price spikes in the last year, however, have producers taking another look at how to fit savings into concerns about

source and efficacy over time.

Jeff Heldt, with Micronutrients Intellibond, explored cost-effective vitamin and mineral strategies at the Certified Angus Beef ® (CAB®) brand's Feeding Quality Forum this sum-

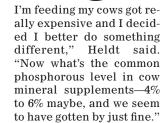
mer in Sioux City, Iowa.

"Obviously, we all want to take care of our animals and do the right thing," he said. "But also, we need to think about our competitive advantage. Where can I save some dollars, or maybe where can I spend a few more dollars to make sure I'm doing the right thing?"

Heldt's comments were against a backdrop min A prices skyrocketed tenfold last fall after fire damaged a German factory that made precursors of A and E. The market finally returned to normal, after much study of alternatives. He drew a parallel to

the industry's rethinking phosphate mineral requirements after the ingredient price spiked about ten years ago.

"Lo and behold, that 12% phosphorous mineral



The extra amount was seen as a safety factor, but a price spike drove home the point, "more is not always better."

That's true with vitamins as well, partly because the fat-soluble ones have a three- to six-month storage buffer in the liver, and the others, C and the B complex, cannot be stored in the body at all, Heldt explained.

Vitamin A is the most critical for cow-calf operations, with its connections to reproduction and immunity.

Particularly since the price spike, producers want to know what vitamins their feedstuffs are actually delivering and how to balance rations without unnecessary added cost, he said.

The National Research Council publishes recommendations but diets of "good green growing feeds" generally provide adequate vitamin A and E, Heldt noted, as does a ration of at least one-third corn silage and the rest grain. "If we're just feeding all grain, we're going to be short on the requirements."

Vitamins are often part of a free-choice mineral supplement or premix where reading tags gives an accurate measure of the initial levels. Cattle need 40,000 IU of vitamin A each day and most mineral on the shelves today provides more than that

"Again, more is not always better," Heldt said, but he allowed the safety margins help compensate for storage losses over time.

Environmental factors like water and heat and light, from manufacturing to storage, pose a threat to vitamin efficacy.

"For example, potency loss can double for every 25-degree increase in temperature," Heldt said.

Mineral source plays a role in the amount of vitamins delivered from the mix, too.

Vitamins that are organically sourced offer more stability, compared to those from oxide or sulfate trace minerals, he said. But storage time may be most critical.

"There could be some of those products that we've got in our warehouses that don't get fed for three or four months," he said. "Is that realistic?"

Producers should be aware of how long a product was warehoused before they buy and how long it may sit on their farm or ranch before it's fed, Heldt reiterated. But first, evaluate quality and vitamin quantity of their forage.

"I want you to go home and as you're driving back, think about what you're doing and why you're doing it," he said in closing. "Make sure you're doing the right thing."

For more information on the meeting proceedings, visit www.feedingqualityforum.com.

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Grass & Grain, November 6, 2018 Vaccinate healthy calves; wait on illness

By Sarah Moyer You vaccinate to keep cattle healthy, but if they're already coming down with a bug or your timing is off, your efforts could be worse than a waste. That's what Brian Vander Ley, veterinarian epidemiologist at the University of Nebraska, told 200 cattlemen at the Feeding Quality Forum in Sioux City, Iowa, this August.

"On-arrival vaccination is pretty standard practice in the U.S. cattle feeding industry," he said. "It's become so standard, we don't even question doing it.'

Vander Ley differs with that feedyard consensus, however, having contributed to research that found benefits in 14day delayed processing of highly stressed calves.

vaccines as something that's really harmless, he said. "At its worst, it costs a little bit of money that we don't get any back from. But we do have some interesting data that says, at its worst, it can be harmful."

Many weaned, onesource cattle sell through livestock auction markets, but there may be as many 'high risk" calves assembled by order buyers to fill 50,000-pound loads, Vander Ley noted.

For the worst-case groups, he noted commingling in a new social structure on top of "weaning stress, transportation stress, castration stress and then we have a nutritional change... that is sort of the epitome of a highrisk calf."

Rather than treat those the same as ranch calves munity, Vander Ley said the label fine print provides guidance: Vaccination of healthy cattle is recommended.

"We get this idea of a snowball effect of infections that starts to drag these calves down and kill them," he said and then posed a question to the audience. "What is a modified live vaccine for a calf that is already fighting an infection or two? I think it's another infection.

An Oklahoma State University study on weaning and commingling showed 45-day weaning on a Missouri ranch was as important as vaccinating to build herd immunity, when more than 75% of calves respond appropriately to disease challenges

High-risk calves from auction markets required 42% treatment for respira-

tory disease, compared to 11% of the backgrounded ranch calves.

"Being a single source makes a big difference,' the veterinarian said, but 35% of calves from the same ranch weaned on the truck to Oklahoma required treatment.

"They didn't have to meet new friends or re-organize their social struc-Vander Ley said ture." of the abruptly weaned. 'They still had to undergo the stress of weaning, transport and going to a new environment all at the same time, so we accumulated errors.'

That compounding effect is where Vander Ley said vaccines start to become ineffective.

'Vaccines do things for us, but they're not silver bullets," he said. "We

pect everything to be okay when we have routinely proved to ourselves that's not how it works.'

be-Communication tween source and feeder may be the best way to determine how and when to process calves, whether that's right off the truck or later to fit some other reason to go through the chute, the veterinarian said.

"A cow-calf producer's decision to vaccinate and wean and background those calves on the ranch for a period of time probably plays the biggest role in determining if any particular calf is going to get sick in the feedlot," he said.

In comments after his presentation, Vander Ley noted a well-planned vac-

S.T. 12:30 PM

cination program can help cattle meet their potential for beef quality grade.

"Animals that have experienced respiratory disease grade poorly compared to animals that have been healthy through the feeding period," he said. 'It is less about improving quality, when you're talking about disease prevention, as it is maintaining quality you've worked so hard to build."

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

1 Q

can't vaccinate a group of "Most people think of with established herd imhigh-risk calves and ex-

Research studies effects of calf castration A 2007-08 USDA survey of U.S. beef cow operations found that about 59.2% of operations castrated any bull calves prior to sale. The percentage of operations that castrated any bull calves prior to sale increased as herd size increased (50.3, 75.0, 85.1, and 95.3% of operations, respectively, for herd size of 1-49, 50-99, 100-199, and 200 or more beef cows).

This same survey reported that most operations (74.5%) castrated bull calves at an average age of less than 93 days, but almost one of five operations (18.4%) did not castrate calves until they were over 122 days old. Beef Quality Assurance Guidelines recommend that bull calves that are not herd sire prospects be castrated as early in life as possible (preferably, between birth and four months of age). All methods of castration have been shown to cause significant acute pain and distress resulting in vocalizations, restlessness, decreases in stride length, and altered standing posture. This survey also reported that for operations that castrated bull calves, the percentage of operations that used a blade ranged from 44.5% of operations with 1 to 49 beef cows to 63.5% of operations with 200 or more beef cows. A higher percentage of operations with one to 49 cows castrated bull calves with a rubber band or tubing at three months old or less than did operations with 100 or more cows.

Research conducted at the University of California, Davis assessed the effect of age on healing and pain sensitivity after surgical castration of beef calves. In this study, incision closure, swelling and pain sensitivity was measured in beef calves surgically castrated at three days of age (range of 0 to eight days) or 73 days of age (range of 69 to 80 days). These researchers recorded closure of the incision using a five-point scale (1 = fresh wound, 5 = no longer visible), weight gain, and inflammation (skin temperature and swelling, measured by scrotal circumference) on days 1, 3, 7, 11, 15, 18, 21, 25, 32, 39, 45, 61, and 77 after the procedure, until all incisions were fully healed.

They reported that the incisions of younger calves healed more quickly than older ones (fully healed, median 39 versus 61 days; P = 0.002). However, the younger calves had relatively more swelling in the days after castration (P < 0.001). The swelling resolved in older calves by day 10. Whereas, in younger calves it took 25 days for the wound area to return to the same size it was immedi-



ately after castration occurred.

Average daily gain (ADG) was lower in the days immediately after surgical castration in all calves. However, it took longer for older calves to recover their daily weight gain after the procedure (P < 0.001). Overall ADG after castration over 77 days was greater for younger compared to older ones (1.54 vs. 0.66 lb/day; P < 0.0001).

In this study, surgical castration wounds were inflamed for one to three weeks and took 77 days to fully heal. There was evidence of pain in response to palpation of the wound during this process, particularly soon after the procedure and at earlier stages of incision closure in calves castrated in the first week of life. These authors concluded that taken together, these results paint a mixed picture about the effects of age of surgical castration stating that "calves castrated soon after birth experience more tissue swelling and show more signs of pain, but their incisions heal sooner and their weight gain is less affected, when compared to animals castrated around 73 days of age.'



Valentine Livestock Health Protocol 2018 #4 7-way (2), 5-way viral (2), pasteurella, and poured or injected w/ lve #3 7-way (2), 5-way viral (2), pasteurella, no pour on #2 7-way (2), 5-way once; #1 7-way only	ermectin (Fall)					
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Plus more from Howard, Worth, Miller, Hill C	rest					
View our special sales online @ cattleusa.com Office: 1-800-682-4874 or 402-376-3611 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						

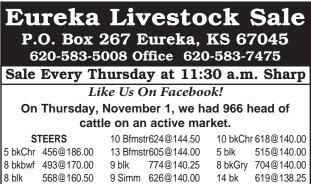
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7 blk strs		26 mix hfrs	466@163.00					
20 blk bwf strs		52 mix hfrs	561@149.00					
6 blk bwf strs		6 bwf rwf hfrs	455@147.00					
65 mix strs	744@159.25	8 bwf rwf hfrs	523@145.50					
15 blk bwf strs	721@158.25	65 mix hfrs	806@145.00					
20 blk bwf strs	632@158.00	10 bwf rwf hfrs	619@143.00					
14 blk strs	628@157.50	12 blk red hfrs	601@142.00					
11 bwf strs	584@157.25	6 blk bwf hfrs	533@140.00					
37 mix strs	838@156.10	7 blk hfrs	526@139.00					
62 mix strs	585@155.50	9 blk bwf hfrs	656@137.50					
9 red blk strs	603@155.00	11 blk bwf hfrs	650@137.00					
7 blk bwf strs	685@151.00	5 blk red hfrs	662@134.00					
7 blk bwf strs	720@150.00	10 blk bwf hfrs	673@133.00					
11 blk strs	725@149.50	7 blk bwf hfrs	632@131.00					
14 mix strs	668@148.00	18 blk hfrs	660@131.00					
49 mix strs	923@145.75	5 bwf rwf hfrs	629@126.00					
5 char strs	671@141.00	5 bwf red hfrs	992@124.00					
13 blk bwf strs	962@140.50	5 DWI IEU IIIIS	352 @ 124.00					

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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 11-1-18. 787 Head.
300-400 lb. steers, \$125-\$183; heifers, \$110-\$162; 400- 500 lb. steers, \$120-\$181; heifers, \$110-\$153; 500-600 lb steers, \$120-\$159; heifers, \$110-\$140; 600-700 lb. steers \$115-\$143; heifers, \$100-\$134; 700-800 lb. steers, \$115- \$141; heifers, \$100-\$130.50. Trend on Calves: Choice

Steer & Heifer Calves under 500#, steady to \$5 lower: Steer & Heifer Calves 500# & up unweaned, \$5-\$10 lower. Trend on Feeder Cattle: Not enough feeder steers & heifers for a good market test. Butcher Cows: High dressing cows: \$45-\$62; Avg. dressing cows: \$35-\$45; Low dressing cows: \$25-\$35. Butcher Bulls: Avg. to high dressing bulls: \$60-\$73. Trend on Cows & Bulls: Butcher Cows, \$5 lower; Butcher Bulls, \$5 lower.

CONSIGNED FOR THURSDAY, NOVEMBER 8: EXPECTING 1,000-1,200 HEAD!

80 mix steers, weaned 100 days, 2 rounds shots, 700 lbs. 25 steers, homeraised, weaned long time, 800 lbs. 33 steers, long weaned, 700-750 lbs.

- 145 mostly blk steers & heifers, not weaned, 575-650 lbs.
- 110 mostly blk steers & heifers, not weaned, 500-550 lbs.
- 80 black steers & heifers, 500-700 lbs.
- 50 blk steers & heifers, weaned 55 days, shots, 600 lbs. 35 mix steers & heifers
- 30 feeder steers & heifers, weaned long time, 750-850 lbs.
- 15 steers & heifers, off cows, 550-650 lbs.
- 18 Angus steers & heifers, off cows, 600-650 lbs.
- 50 steers & heifers, 650 lbs.
- 65 black steers, 850 lbs

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

Check our website for updated consignments: www.eldoradolivestock.com

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

Chris Locke	Steven Hamlin
(316) 320-1005 (H)	(602) 402-6008 (H)
(316) 322-0675 (M)	(620) 222-1199 (M)
Larry Womacks, Fieldman	Van Schmidt, Fieldman
(620) 394-3273 (H)	(620) 367-2331 (H)
(620) 229-0076 (M)	(620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

7 bkChr	545@159.00	HE	IFERS	6 Simm	484@136.00
7 blk	646@157.00	4 Char	374@182.50	12 bwfw	f 635@135.50
10 blk	805@153.00	5 blk	413@162.00	11 bkbw	f 577@135.00
19 bkChr	631@153.00	6 Char	443@161.50	23 Bfms	tr552@134.25
4 blk	659@150.50	8 bwf	646@152.50	5 bkbwf	747@133.00
6 blk	608@150.00	15 bkbwf	757@152.00	11 bkbw	f 671@133.00
8 bkrd	693@148.00	15 bwfwf	657@151.00	9 blk	627@131.50
15 bkbwf	750@147.50	14 bkChr	793@150.50	12 Bfms	tr604@128.80
11 bkbwf	777@147.00	12 bkbwf	777@148.75	7 Simm	551@127.00
14 bkbwf	671@147.00	4 blk	500@146.00	4 blk	1023@124.30
7 Simm	562@146.00	3 blk	542@144.00	3 blk	1078@124.00
7 bkbwf	725@145.00	14 blk	548@141.50	3 blk	1167@118.00

Butcher Cows: \$30-\$64.50, mostly \$45-\$57.00, very active. Butcher Bulls: \$57-\$81.50, mostly \$69-\$75.00, very active. Bred Cows: \$600-\$775.

BUTCHER	COWS	2 bwf	1295@58.00
1 rbf	1710@64.50	2 bwf	1313@57.50
1 Char	1525@62.50	BUTCHER	BULLS
1 blk	1705@62.50	1 blk Simm	2275@81.50
1 rbf	1435@62.00	1 blk	2040@76.00
3 blk	1748@62.00	1 Simm	1580@76.00
1 blk	1260@61.00	1 blk	2010@75.00
3 blk	1397@59.50	1 blk	2085@74.00
2 blk	1203@59.00	1 blk	1550@72.00
3 blk	1255@58.50	1 blk	1655@71.50

EARLY CONSIGNMENTS FOR NOVEMBER 8

- 45 blk cows, start calving Jan. 15 w/ 3rd calf. 5 yrs old bred to Ely Angus bulls. Complete dispersal from Massey Cattle of Eureka, KS. Nice cows.
- 20 blk bwf cows 8-10 yrs old, Spring calvers bred to Angus bull from Edwards Cattle.
- 80 blk strs & hfrs, 450-600 lbs, home raised, weaned 45 davs & double vac.
- 47 Angus strs & hfrs, 450-625 lbs, home raised, weaned 45 davs & double vac.
- 70 blk red strs & hfrs, 500-700 lbs, off the cow.

SPECIAL WEANED CALF OR VAC. CALF & **YEARLING SALE: NOVEMBER 15**

- 130 mixed strs & hfrs, 800-950 lbs.
- 100 Angus strs & hfrs, 500-650 lbs, double vac off the cow.
- 70 blk Char strs & hfrs, 500-750 lbs, double vac & weaned 40 days
- 40 blk red strs & hfrs, 400-600 lbs, double vac & weaned 40 davs.

NO SALE NOVEMBER 22

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

Page 24

Grass & Grain, November 6, 2018

WAREHOUSE STORAGE & OFFICE EQUIPMENT

SATURDAY, NOVEMBER 17, 2018 — 9:30 AM 601 SE 5th Street — TOPEKA, KANSAS



Stacks have sold their business and is liquidating warehouse storage shelving & equipment plus office equipment/furniture. Pallet Rack: 700 linear feet 514 plus 37 units; Rivet Rack: 3,200ft; Magnetic media rack; Caterpillar electric forklift; 2 pallet jacks with scales; 2 electric pallet jacks; 2 Crown WAV 50-118 forklifts; Scissor lift; 13 pallet jacks; 12 horizontal dollys; 7 upright dollys; 20 library carts; Various rolling carts; Conveyor used in shredding process; Several conveyor rollers; 2 scales 1 working, 1 antique); 10 rolling stairs (4', 8', 10', 14' sizes) Chain link fencing; Wire fencing with 2x4 frames; Dock leveler; 2005 Toyota Tundra pickup; Bell and Howell Spectrum scanner, QuickShot scanner, Kodak color scanner i3450, 2 Cannon flatbed scanners, several desks, 2 conference tables with chairs, tables, file cabinets, secretarial chairs, folding chairs, cubicle dividers, Toshiba Studio Multi-Function Device (copier), (6) 40" flat screen televisions, several computer monitors tables, misc office supplies, misc. tools, supplies and more.

See website for complete details!



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Pork industry focuses on feed ingredients to combat threat of African swine fever

With the expansion of the current outbreak of African swine fever (ASF) in China, the National Pork Board, along with the National Pork Producers Council (NPPC), the American Association of Swine Veterinarians (AASV), the Swine Health Information Center (SHIC) and the U.S. Department of Agriculture (USDA), are working even more closely together to help keep the United States free of ASF and all other foreign animal diseases (FADs). This includes focusing on the importation of feed ingredients, a key area of potential high risk of disease transport.

"Keeping trade-limiting foreign animal diseases, such as ASF, out of the United States is critical to pork producers," said Steve Rommereim, National Pork Board president and a producer from Alcester, South Dakota. "We all need to improve the overall level of FAD preparedness. We hope for the best, but we must prepare for the worst."

Thanks to checkoff-funded research conducted after the porcine epidemic diarrhea virus (PEDv), swine industry experts now have some peer-reviewed science to rely on when looking at ways to mitigate the current risk posed by ASF in China and other countries. This includes work done on imported feed ingredients.

"Research has demonstrated the ability for certain feed ingredients to support viral survival during conditions modeled after either trans-Atlantic or trans-Pacific shipping to U.S. ports and on to locations likely to manufacture feed for swine," said Paul Sundberg, DVM, director of the Swine Health Information Center. "For this reason, we want the entire U.S. pork industry to look at this research and consider ways that it can help us prevent a FAD from entering this country through this route."

SHIC-funded research cited by Sundberg shows that viruses do have the potential to travel long distances via feed ingredients, which proves the theoretical ability of a foreign animal disease pathogen to reach U.S. shores. To help prevent this potential risk from becoming a reality, swine industry experts have compiled these seven critical points for pig farmers to raise with their feed and feed ingredient suppliers with the objective of starting a dialog about feed ingredient safety. Development of the points to help start the discussion

about feed and feed ingredient risk was done with review and input by the American Feed Industry Association (AFIA), the National Grain and Feed Association (NGFA), Kansas State University and the University of Minnesota. Some points will apply to producers' immediate feed suppliers and some will apply to feed ingredient suppliers.

Describe the facility's biosecurity program to minimize the spread of pathogens from people, vehicles and ingredients.

Describe the facility's employee training on feed safety.

Describe the facility's pest control program.

Describe the facility's traceability program.

Describe the facility's supplier approval program.

Is the facility certified by a third-party certification body for food safety? Third-party certification programs may include the Feed Additives Manufacturers (FAMI-QS), the International Organization for Standardization (ISO), the Safe Quality Food (SQF), Safe Feed/Safe Food, etc.

Does the facility utilize ingredients that were manufactured or packaged outside of the United States?

To get a better handle on your particular farm's risk of FAD transport via a feed ingredient, Sundberg advises producers to use the newly developed virus transport in feed ingredients decision tree matrix.

NID Quarter Section Morris County, Kansas Grassland SATURDAY, DECEMBER 1, 2018 — 10:00 AM At the Council Grove Rec Center (formerly National Guard Armory), 1020 East Main — COUNCIL GROVE, KANSAS

The SW 1/4 31-14-8, Morris County, Kansas

This farm, 160 acres, more or less, is all good native grass pasture. There are 2 large, well located ponds. The fences are very good. This is a very clean pasture, with almost no brush or trees. The 2017 taxes were \$431.02.

From Council Grove, this pasture is located 9 miles north on Highway 177 to G Avenue, then four miles west on G Avenue to 1300 Road, then one half mile south to the northwest corner of the pasture, on the east side.

Terms: Ten (10) percent down, the balance due on January 15, 2019. Possession given at closing.



"It was developed to help pork producers work with their feed suppliers to minimize risk from feed ingredients," he said.

Aside from the specific feed-related questions to improve on-farm biosecurity, Dave Pyburn, DVM, vice president of science and technology for the Pork Checkoff, advises producers to review the Foreign Animal Disease Checklist that is offered at pork.org/FAD. "By going through the items on this list, you can improve your biosecurity plan and prepare to register for the voluntary Secure Pork Supply plan (see securepork.org), which will help participants maintain business continuity in the event of a FAD," he said.

As a delegation from National Pork Board, NPPC, AASV and SHIC and USDA officials, including U.S. Chief Veterinary Officer Jack Shere, convened recently in Washington, D.C., for a meeting hosted by NPPC, optimism remains high that a renewed and collaborative effort will help protect America's pig farmers and the entire industry from the current threat posed by ASF and all FADs.

"I'm very encouraged to see how well our industry groups have come together during this time of heightened awareness of foreign animal disease threat to our industry," Rommereim said. "It's reassuring to know that we are using our collective resources to work with USDA to help put real measures in place that can help protect our farms from this potentially devastating disease threat. However, as always, it's up to each of us to do our part to proactively protect our farms from outside threats as we strive to do what's right for people, pigs and the planet."

According to Iowa State University economist Dermot Hayes, losses from ASF could total as much as \$8 billion for the pork industry in year one alone. That doesn't include related losses of \$4 billion and \$1.5 billion for the affected input commodities of corn and soybeans, respectively.

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12 blk strs 38 blk strs 23 blk/bwf strs	615 @ 159.50	21 blk/bwf hfrs 5 x-bred hfrs	492 @ 144.00 537 @ 142.00 507 @ 141.00	WATCH	I OUR AU DVAucti		S LIVE ON	weaned, v. • 16 blk strs)-600 lbs.	, weaned, vacc.

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

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