



# Schwieterman Market Outlook

A marketing commentary by Bret Crofts

The December corn lost about seven cents for the week, but it felt much worse than that. At least the market closed positive on Friday, which is at least a little bit encouraging. The market did die right at the nine-day moving average, so Monday's resistance is already very clear at Friday's high.

Corn crop condition ratings declined and the Drought Monitor got worse in Iowa, but for the most part traders were only concerned about the cool temperatures. Some areas got some decent rain, but it was rather hit-or-miss through Iowa. Judging by the forecasts the area of severe drought in Iowa will likely expand again, which can't be good. Crop condition ratings will likely be stable across the country with potential for further decline in Iowa and Illinois, while some small improvement is likely in Indiana.

The big event of the week will be the supply and demand report on Thursday. Expectations are going to be for a lower yield estimate and possibly even a lower

harvest acreage estimate thanks to the weather problems in the Dakotas. Some analysts have printed yield estimates as low as 162.6, which would give the market a much-needed boost, but others look for USDA to be much less aggressive. Regardless of the size of the cut, it looks like the highest of this year's production estimates are behind us.

The wheat fared much worse that the corn and the September KW lost about 21 cents for the week. There hasn't been any fresh bullish news for the wheat for quite a while. We all are pretty certain that USDA will cut the spring wheat production figure in the report next week, but the market wants to see confirmation of that cut. Traders would also like it if the weakness in the U.S. dollar and in the futures would attract some export business. Export sales are on a decent pace, but we need much bigger numbers if we are ever going to draw down our excessive stocks.

At this point we still have no indication of a bottom in the wheat market, so we

should plan on further losses as we head into report day. A move below \$4.50 in the September KW would be as good a place as any to try and pick a bottom.

The soybeans were far and away the worst performer of the week, with the November contract going from a pretty good close last Friday to losing about 56 cents for the week. Obviously the pressure was all about the cool tempera-

tures and the fact that private yield estimates may be coming in lower than USDA, but they aren't coming in much lower. If the month of August does turn out to be favorable, we may see higher yield estimate down the road.

This week's action has turned the soybean chart from one that was fairly bullish to one where it is hard to find the next support area. Without some help from USDA, it looks like we may be headed back to where the rally started around \$9.06 in the November contract.

The cattle market is still working on recovering from the post Cattle on Feed Report losses. Some contracts have got the gaps they left filled and some

Grass & Grain, August 8, 2017

are still working on it. The Feeder Cattle Index is on the rise and the cash cattle market is holding together with a lot of trade around \$118. Fear of large fed cattle supplies will keep rally attempts in check, but big slaughter rates indicate that demand for cattle is quite good. It looks like the feeder cattle want to lead the way higher right now. Trend indicators are turning up and we should look for more gains in the short run.

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

Page 17

The information contained herein is based on data obtained from recognized 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 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.

## Corn farmers call for faster access to new technology

Farmers attending the National Corn Growers Association (NCGA) Corn Congress called for faster access to new biotechnology-enhanced crop traits. The move reflects growing frustration among NCGA members over excessive regulatory delays in the international marketplace.

"Farmers recognize that a strong, science-based, regulatory system is essential to reassure consumers about the safety and quality of our crops," said Wesley Spurlock, a farmer from Stratford, Texas and NCGA president. "At the same time, when it takes four to six years or more to secure regulatory approvals in certain markets, it is clear that a country's regulatory system is broken."

The NCGA's new policy supports the commercialization of new biotechnology-enhanced corn traits that: a) have been approved by the U.S. and Japan; and b) have faced delays of more than 30 months from any government with a non-functioning regulatory system. By comparison, there are biotechnology traits that have been awaiting regulatory approval in certain markets for the past 48 to 72 months.

"Biotechnology has been an important tool for farmers who are working to fight weeds and insects, maintain productivity, and reduce our use of natural resources," said Don Duvall, a farmer from Carmi, Illinois and chairman of the NCGA's Freedom to Operate Action Team. "The farmers on our team proposed this policy as a first step toward addressing what we see as a pending crisis in how new innovations come to market. We will continue working with the Trump administration, Congress and our partners in the supply chain to identify and promote solutions that can ensure faster access to these important new tools while also mitigating disruptions to trade."

The new policy relies upon World Trade Organization standards that define a functioning regulatory market as a science-based system that is free of political influence. The policy was adopted by NCGA's Corn Congress, a 127-member delegate body that represents 49 affiliated state corn organizations from 28 states.

# MANHATTAN

## COMM. CATTLE AUCTION CO. INC. EVERY FRIDAY



1-800-834-1029  
Toll-Free

STARTING 10:00 A.M. ON WEIGH COWS  
FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

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



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

All classes of steers for our sale Friday, August 4 were selling at fully steady to stronger prices while the heifers were selling \$2-\$4 higher. Cull cows and bulls sold from steady to \$3 higher prices.

### STEER CALVES — 325-550 LBS.

Bennington	7 blk	340@223.00
Riley	12 blk	395@221.50
Riley	6 blk	367@215.00
Riley	4 Cross	320@206.00
Bennington	6 blk	433@201.00
Riley	19 blk	487@200.50
Riley	7 blk	486@191.50

### STEERS — 550-950 LBS.

Riley	18 Cross	573@171.00
Riley	9 blk	571@170.50
Wamego	8 blk	579@169.00
Alma	14 blk	623@168.75
Alma	25 blk	664@166.25
Frankfort	9 blk	665@164.00
Alma	52 blk	757@163.00
Alma	32 blk	757@162.25
Wamego	10 blk	687@160.50
Scranton	16 blk	730@160.50
Wheaton	22 blk	780@160.00
Pomona	8 blk	562@159.75
Wheaton	23 blk	792@159.50
Blaine	12 blk	737@159.50
Goff	8 blk	621@159.00
Cttnd Falls	6 blk	776@157.50
Phillipsburg	5 mix	609@156.50
Alma	44 blk	862@156.00
Burns	9 blk	764@154.50
Alma	15 blk	825@154.50
Scranton	15 bwf	816@154.25
Allen	6 blk	655@153.50
Blaine	14 blk	838@152.75

Allen	15 blk	844@152.00
Goff	7 blk	714@150.00

### HEIFER CALVES — 350-550 LBS.

Riley	11 blk	367@193.50
Riley	15 blk	364@189.00
Riley	21 blk	477@180.50
Riley	9 blk	485@162.50
Pomona	13 blk	546@154.00

### HEIFERS — 550-850 LBS.

Riley	10 blk	606@159.00
Riley	15 blk	605@155.50
Alma	6 blk	602@155.00
Cttnd Falls	8 blk	648@151.00
Frankfort	11 blk	662@150.50
Blaine	17 blk	690@149.50
Frankfort	6 blk	682@149.00
Scranton	8 Hereford	605@147.50
Goff	9 blk	596@147.00
Blaine	9 blk	785@142.50
Alma	4 blk	727@140.00
Onaga	5 blk	727@140.00
Washington	5 Cross	846@137.50
Goff	5 blk	680@132.00

### COWS & HEIFERETTES — 675-1,625 LBS.

Chapman	1 blk	790@129.00
Chapman	1 blk	690@108.00
Riley	1 blk	1145@105.00
Riley	1 blk	1020@104.50
Riley	1 blk	1085@104.00
Desoto	1 blk	1125@97.00
Riley	1 blk	1005@95.00
Harveyville	1 blk	920@91.00
Riley	1 blk	1100@87.00
Onaga	1 bwf	1605@81.50
Council Grove	1 Cross	1375@80.00
Alma	1 Cross	1505@80.00
Alma	1 Cross	1180@79.50

Council grove	1 blk	1575@77.50
Havensville	1 bwf	1485@76.00
Randolph	1 blk	1420@75.00
Olsburg	1 Hereford	1230@74.00
Goff	1 bwf	1540@74.00
Havensville	1 bwf	1125@73.50
Alma	1 bwf	1425@73.50
Alma	1 blk	1335@73.50
Prairie Village	1 Cross	1095@72.50
Alma	1 blk	1215@71.00
Alma	1 bwf	1325@70.00
Frankfort	1 blk	1160@69.75
Havensville	1 blk	1185@68.00
Alma	1 Cross	1185@68.00
Desoto	1 blk	1205@67.00
Desoto	1 blk	1235@66.50
Frankfort	1 blk	1245@66.00
Alma	1 blk	1415@66.00
Abilene	1 bwf	1265@65.00

### BULLS — 1,075-2,275 LBS.

Clay Center	1 blk	1250@110.00
Admire	1 blk	1090@106.00
Onaga	1 blk	1975@95.00
Abilene	1 blk	1910@92.50
Onaga	1 blk	1690@92.00
Clay center	1 Cross	1420@92.00
Goff	1 blk	2010@91.00
Onaga	1 Herf	2080@91.00
Desoto	1 Char	2260@91.00
Onaga	1 Herf	1880@89.00
Clay Center	1 Char	1360@88.00
Alma	1 Cross	1625@85.00
Goff	1 blk	1790@77.00
Goff	1 bwf	1365@75.00
Onaga	1 blk	1840@71.00

### COWS BY THE HEAD

AGE	BRED
Leavenworth	5 rd Ang 3-4 6-8mo @1635.00

## EARLY CONSIGNMENTS FOR AUG. 11th

- 30 choice reputation blk & bwf str, weaned in June, all shots, 600-700 lbs
- 15 fancy Angus OCV hrs, pelvic measured, weaned, all shots, 675-725 lbs
- 100 hrs, off grass, 2 rds shots, 800-900 lbs
- 49 blk & bwf str & hrs, long weaned, 2 rds shots, off grass, 650-800 lbs
- 36 blk bwf & rwf str & hrs, weaned, 500-700 lbs
- 36 Herf & Herf cross str, 2 rds shots, 850-950 lbs
- 72 choice reputation blk & bwf str & hrs, 2 rds shots, 625-750 lbs
- 14 Holstein str, 600-900 lbs
- 100 choice blk & bwf str & hrs, 600-800 lbs
- 100 choice blk & bwf feeder hrs, 800-900 lbs
- 32 blk & bwf str & hrs, weaned, shots, 650-800 lbs

## EARLY CONSIGNMENTS FOR AUG. 18th

- 77 choice blk & bwf feeder str, 900-950 lbs
- 11 blk & bwf feeder hrs, 750-800 lbs

UPCOMING SPECIAL COW SALE DATES, 11 A.M.: Wed., Oct. 18; Wed., Nov. 15; Wed. Dec. 13

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

### FIELD REPRESENTATIVES

JOHN CLINE	SAM GRIFFIN	BRENT MILLER	ALAN HUBBARD	MERVIN SEXTON	BILL RAINE	TOM TAUL	JEFF BROOKS	BRYCE HECK	DAN COATES
ONAGA	BURNS	ALMA	OLSBURG	MANHATTAN	MAPLE HILL	MANHATTAN	BEATTIE	LINN	BALDWIN
785-889-4775	620-726-5877	785-765-3467	785-468-3552	Cell: 785-770-2622	785-256-4439	785-537-0036	785-353-2263	785-348-5448	785-418-4524
Cell: 785-532-8381	Cell: 620-382-7502	Cell: 785-587-7824	Cell: 785-410-5011	Home: 785-537-7295	Cell: 785-633-4610	Cell: 785-556-1422	Cell: 785-562-6807	Cell: 785-447-0456	

## Kansas Hay Market Report

Hay market activity slowed; demand moderate for grinding alfalfa, light for all other classes of hay; prices mostly steady to slightly higher. Stronger undertones that the market will continue to firm up were noted. Milder temperatures arrived, bringing with it much appreciated relief for man, beast, and crop, but also desperately needed rain. Per NASS, Kansas alfalfa hay condition rated 1 pct very poor, 8 poor, 30 fair, 57 good, and 4 excellent. Third cutting was 65 pct complete, ahead of 53 pct last year and ahead of the 46 pct average. The abnormally dry (D0) category has increased to 50.61 pct and moderate drought (D1) decreased a half of a percent to 4.83 pct. If you have hay for sale, and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

**Southwest Kansas**  
 Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered, steady; movement slow. Alfalfa: horse, small squares 240.00-250.00, Dairy, .75-.85/point RFV, Supreme 140.00-160.00, Premium 130.00-150.00, Good 115.00-145.00. Stock or Dry Cow alfalfa, 90.00-100.00. Fair/Good grinding alfalfa, 100.00-110.00. Ground and delivered locally to feedlots and dairies, 120.00-130.00, with instances at 130.00-140.00. The week of 7/23-7/29, 9,518T of grinding alfalfa and 298T of dairy alfalfa were delivered. Grass hay: none reported.

**South Central Kansas**

Dairy alfalfa, grass hay steady, alfalfa pellets 5.00 higher, grinding alfalfa, ground/delivered steady to 5.00 higher; movement slow. Alfalfa: horse, small squares 7.50-8.50/bale, Dairy, .70-.80/point RFV. Supreme 140.00-150.00, Premium 130.00-140.00, Good 110.00-130.00. Stock cow alfalfa, 80.00-90.00. Fair/Good grinding alfalfa, 95.00-105.00. Ground and delivered locally to feedlots 110.00-115.00. The week of 7/23-7/29, 4,419T of grinding alfalfa and 609T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 145.00-155.00, 17 pct protein 150.00-160.00, Dehydrated 17 pct 192.00-202.00. Grass hay: none reported. Oat hay, large rounds 85.00-95.00 delivered. Sudan and Cane hay, none reported. Corn stalks: none reported. Straw large squares 50.00-60.00.

**Southeast Kansas**

Dairy alfalfa, grinding alfalfa, ground/delivered, steady, grass hay steady to 5.00 higher; movement slow. Alfalfa: horse or goat, 210.00-220.00. Dairy .75-.85/point RFV. Stock cow alfalfa 90.00-100.00 with an instance at 125.00-135.00. Fair/Good grinding alfalfa 70.00-80.00. Ground and delivered, 80.00-90.00. Grass hay: bluestem, small squares 105.00-115.00. Good, mid and large squares 85.00-95.00, large rounds 50.00-60.00. Brome: small squares none reported. Good, mid and large squares 110.00-120.00, large rounds 65.00-75.00. Oat hay, large squares 120.00-130.00. Straw, none reported. CWF grass mulch large squares 50.00.

**Northwest Kansas**

Dairy alfalfa, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: small squares, horse quality none reported. Goat, 170.00-180.00. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 85.00-95.00. Fair/

good grinding alfalfa, 80.00-90.00. Ground and delivered locally to feedlots and dairies, 90.00-95.00. Wheat hay 50.00 in the field.

**North Central-Northeast Kansas**

Dairy alfalfa, grinding alfalfa, ground/delivered, grass hay steady; movement slow. Alfalfa: horse, none reported. Dairy .85-1.00/point RFV, Supreme 150.00-200.00. Premium 140.00-160.00, Good 130.00-140.00. Stock Cow, good 110.00-120.00. Fair/Good, grinding alfalfa, 70.00-85.00. Ground and delivered, 110.00-120.00. Grass hay: bluestem, small squares 4.00-6.00/bale, large squares 80.00-90.00, large rounds 60.00-70.00. Brome: Good, small squares 6.00-7.00/bale delivered, mid and large squares, 95.00-105.00, good large rounds 70.00-75.00. Sorghum/Sudan, large rounds 60.00-70.00. Straw, small squares, 4.00-5.00/bale, large squares 75.00-85.00, large rounds 60.00-70.00. CWF grass mulch, none reported.

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

\*CWF Certified Weed Free

\*RFV calculated using the Wis/Minn formula.

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

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

Posted to the Internet: [www.ams.usda.gov/mnreports/DC\\_GR310.txt](http://www.ams.usda.gov/mnreports/DC_GR310.txt)

# An open letter to Monsanto farmer-customers

Farmers are the heart and soul of our company. Our mission is to discover and develop innovative

new products to help you achieve better harvests in a more environmentally sustainable way. Your success

is our success, and we are committed to supporting you at every stage of the season – every year.

You told us you needed additional tools to combat tough-to-control weeds. We responded by developing Roundup Ready 2 Xtend® soybean and Roundup Ready® XtendFlex® cotton seeds that are tolerant to dicamba. We also developed a new dicamba formulation, XtendiMax® with VaporGrip® Technology, which has been proven to reduce the volatility potential of dicamba by 90 percent as compared to Clarity®, and 99 percent as compared to Banvel® and other DMA-based dicamba formulations. Working closely with states, we have trained thousands of farmers and professional applicators on

how to use our products successfully.

We are hearing that the overwhelming majority of farmers are experiencing tremendous success during this first year of commercial launch. However, we have also heard reports that some farmers are noticing signs of leaf cupping in nearby soybean fields, which could be attributable to dicamba. Any time we hear reports of potential crop injury, from any cause, it concerns us. We know the passion, energy and financial resources you invest in your fields. Your crop is your livelihood, and you only get one shot a year. We understand.

We are taking these reports extremely seriously, and we want you to know what we're doing about them.

you every step of the way this season. What caused the leaf cupping symptoms may not be readily apparent, as many factors can cause this type of symptomology. And in most cases, it is too early to know whether the leaf cupping will affect your crop yield. Right now, we ask that you contact us as soon as possible at 1-844-RRXTEND to report any leaf cupping or other symptomology you are seeing in your fields that you believe might be the result of off-target herbicide movement. Once we have your report, one of our agronomic specialists will contact you to arrange a time to meet you at your field and to review the symptomology together. We are working to respond to each report we receive from our farm-

growing season.

Second, we have deployed scientists from The Climate Corporation, one of our subsidiaries, to review weather data from across the growing region this season to help understand whether unusual environmental conditions or weather patterns might have affected applications this season. We will analyze this data to glean insights to support our work in the field.

Finally, we will continue and expand our outreach, education and training efforts going into the 2018 season to ensure that you feel fully comfortable and confident in successfully using our products. We'll continue to partner closely with our retailers, extension agents and individual customers to make sure you experience the full potential of this breakthrough technology.

I want to personally thank you for your business and partnership. We must earn your trust and your business each year, and we are committed to doing that by delivering the best-performing technology in the industry. We are also committed to ensuring that you have an outstanding experience with our products.

Please, if you are experiencing leaf cupping in soybeans or other unexpected symptomology, don't wait. Please call us today and allow us to work with you throughout this season.

Sincerely,  
**Robb Fraley**  
 Chief Technology Officer

**248 ACRES FOR SALE**  
**E121st & S Ratner Rd**  
**Osage County, Ks**

248.17 acres± with rolling terrain with native grass, timber, and wildlife. 40'x17'x14' building with bypass doors on each end (12' W x 14' high) and one walk-in door. Nice 5-acre pond with dock and diving board. Seller says has one spring that flows year-round. Electric and rural water (Rural Water Dist. No 5), all underground. Great hunting for deer, turkey and bobcats.

**Darrell Simnitt • Countrywide Realty, Inc.**  
**785-231-0374 • www.simnittauction.com**

**West Point Implement Inc. ABSOLUTE DEALER INVENTORY REDUCTION AUCTION**

**FRIDAY, AUGUST 18, 2017 • 9:00 AM CST**

SALE LOCATION: Northwest Lot at West Point Implement, WEST POINT, NEBRASKA (1.5 miles South of West Point, Nebraska)  
 BID LIVE ONLINE: Register on [www.wegenerimplement.com](http://www.wegenerimplement.com)

- COMBINES • TRACTORS • COLLECTOR TRACTORS
- CORN & GRAIN HEADS • TILLAGE • TRUCKS & TRAILERS
- LIVESTOCK EQUIP. • PLANTERS, LOADERS & CONSTRUCTION
- HAY • GRAIN HANDLING • MISC.

**SEE COMPLETE LISTING & PICTURES AT WWW.WEGENERIMPLEMENT.COM**

Case IH Credit & Ag Direct Pre-approved Financing or Leasing. Items listed are subject to prior sales. Lunch on grounds.  
 For More information Contact:

West Point Implement, Inc. Office: 402-372-2408  
[www.westpointimp.com](http://www.westpointimp.com) • [info@westpointimp.com](mailto:info@westpointimp.com)

**MICHAEL WEGENER IMPLEMENT, INC.**  
 CORNLEA, NEBRASKA  
 Office: 402-923-1160  
[wegenerimplement@gmail.com](mailto:wegenerimplement@gmail.com)



These youth recently competed in the Kansas Junior Charolais Association State Show.

**REAL ESTATE AUCTION**

**THURSDAY, AUGUST 24, 2017 — 6:00 PM**

2924 AND 2925 TATARRAX DRIVE — MANHATTAN, KANSAS  
 (JUST EAST OF SETH CHILD ON TATARRAX DRIVE)

This property is located just West of Tatarax Hills Subdivision and adjacent to Seth Child Road (East side). The property (zoned Agriculture) is separated into two tracts by Tatarax Drive. The South tract contains 1.45 Acres and the North tract contains 6.04 Acres.

**TRACT I:** (South of Tatarax Drive), approximately 1.45 Acres.

**TRACT II:** (North of Tatarax Drive), approximately 6.04 Acres.

**TRACT III:** Combination of both Tract I and Tract II (approximately 7.51 Acres).

The successful bidder will be the highest offer for either the combined offers for Tract I and Tract II or the combined bid of Tract III. The two tracts are not subdivided so if the best offer is Tract I and Tract II combined the 2 Buyers will be required to subdivide the two Tracts prior to closing. Buyer (or Buyers) to pay 10% down day of Auction with balance due on or before September 22, 2017. (If sold individually total proceeds to be held in Escrow until subdividing is complete on or before December 1, 2017. Property being sold subject to current existing Rights of Ways and Easements. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION. For information contact Vern Gannon Broker/Auctioneer 785-770-0066 or Gannon Real Estate and Auctions 785-539-2316.**

**KANSAS STATE UNIVERSITY**  
**GANNON REAL ESTATE & AUCTIONS**  
 VERN GANNON, BROKER/AUCTIONEER  
 785-770-0066 • MANHATTAN, KANSAS • 785-539-2316  
[www.gannonauctions.com](http://www.gannonauctions.com)



These outstanding showmen won top fifteen finalists at the 2017 National Junior Angus Show (NJAS), July 9-15 in Des Moines, Iowa. Pictured from left are Tim Mardesen, Oxford, Iowa; Adam Bierstedt, Pipestone, Minn.; Kade Patton, Frankfort, Ind.; Conrad Behlmann, Saint Paul, Mo.; Austin Alvarez, Dade City, Fla.; Sterling Reichenbach, Bath, Mich.; Shayne Myers, Colusa, Calif.; Sydney Schnoor, Chowchilla, Calif.; Katelyn Corsentino, Denham Springs, La.; Jordyn Wagner, Billings, Mont.; Claudia Hissong, Greencastle, Pa.; Anna Carpenter, Wamego; Alexa Montagne, Elk Point, S.D.; Kalie Rumbold, Wyanet, Ill.; and Alana Eisenhour, Wellsville, Pa.

Photo by Pearls Pics on behalf of the American Angus Association

# Keller elected U.S. Grains Council chairman, first woman to hold the office

Deb Keller, a farmer from Clarion, Iowa, was elected as U.S. Grains Council (USGC) chairman at the organization's 57th Annual Board of Delegates Meeting in Vancouver, Washington.

In accepting the chairman's gavel, she also made history as the first female selected for the role in the organization's nearly 60-year history.

Keller's experience as a strong advocate for trade will amplify the Council's mission of developing markets, enabling trade and improving lives.

"Thinking ahead, I see so many areas for growth, but I also see challenges that will take much time and patience to see through," Keller said in her incoming chairman's remarks. "After working with our delegates, the board and our staff both internationally and domestically, I know we can be successful together."

Keller introduced the theme of the upcoming year - "Friends and Frontiers" - reflecting both the oppor-

tunities and difficulties of the current trade environment. She shared how her personal experiences traveling with the Council, hosting teams of international customers and serving on USGC Advisory Teams (A-teams) have broadened her understanding of what it takes to make trade happen and how trade benefits her own farm.

"We all know how important it is to maintain our relationships with our old friends," she told the delegation. "And we are also looking to the future, to new opportunities. Those new frontiers exist throughout our industry and around the globe. There are so many places where we must continue to work to build new demand for today and tomorrow."

Keller has previously served as the lead of the Council's ROW (Rest of World) A-team, as well as the chair of the Iowa Corn Promotion Board and a member of the National Corn Growers Association's

(NCGA's) Research and Business Development Action Team.

She earned a bachelor's degree in agronomy from Purdue University and has farmed in Wright County, Iowa, for more than 25 years with her husband, Gary, whom she met while working in a corn field.

**The 2017-2018 USGC Board of Directors**

At the Vancouver meeting, the USGC Board of Delegates also elected new members of the Council's Board of Directors. That body now includes:

Deb Keller, chairman, Iowa Corn Promotion Board  
Jim Stitzlein, Consolidated Grain and Barge Co., vice chairman

Darren Armstrong, Corn Growers Association of North Carolina, Inc., secretary/treasurer

Philip "Chip" Cuncell, Maryland Grain Producers Utilization Board, past chairman

Tom Sleight, president and CEO

Ray Defenbaugh, Big

River Resources LLC, Agribusiness/Ethanol And Co-Products sector director  
Craig Floss, Iowa Corn Promotion Board, Checkoff sector director

Greg Hibner, J.D. Heiskell Hawkeye Gold Office, agribusiness sector director

Charles Ray Huddleston, Texas Grain Sorghum Association, sorghum sector director

Philip McCoun, Kentucky Corn Promotional Council, at-large director

Tom Mueller, Illinois Corn Marketing Board, corn sector director

Jim Raben, Illinois Corn Marketing Board, at-large director

Mark Seastrand, North Dakota Barley Council, barley sector director

Jim Stuever, Missouri Corn Merchandising Council, at-large director

Chad Willis, Minnesota Corn Research & Promotion Council, at-large director

The new Board of Directors will serve until July 2018.



Samantha Shefelton took home the grand champion dairy goat with this Lamancha doe at the Geary County Free Fair.



Lindsey Ascher won grand champion breeding goat at the Geary County Free Fair. Ascher was also selected as grand champion goat showman.



The reserve champion dairy goat was awarded to Samantha Shefelton's Lamancha doe at the Geary County Free Fair.

## ESTATE AUCTION

SUNDAY, AUGUST 20 — 12:00 NOON  
PAXICO, KANSAS

1993 Dodge Dynasty, yard and hand tools, old riding mower, picnic table, snow blower, dressers, dinette, coffee and end tables, dishes, pots and pans, some primitives, old colored nesting bowls, collectible dishes, **and lots more.**

See [oldemillauction.com](http://oldemillauction.com) for full list & pictures or call 785-233-7700, Sue Metzger, Auctioneer for info.

## 376.90± Acres of PRATT COUNTY LAND LAND AUCTION

MONDAY, AUGUST 21, 2017 — 11:00 AM

Sale Site: Hamm Auction Center, 107 NE SR 61, PRATT, KS  
SELLERS: JOE & MARSHA JOHNSON TRUST

**Legal Desc:** Lots 1, 2, 3 & SE4 NW4 & S2 NE4 of 4-26-15, Less 24.2± acre tract on East side of Property, Pratt County KS. **Land Located:** From Hopewell KS 2 miles East on NW 110th St. to NW 120th Ave. then ½ mile North. **Land Desc:** Cropland; FSA INFO — DCP Cropland 373.07 acres; Old homestead has submersible well, septic tank with chambers. **Possession:** Immediate Possession with Proof of Finance. **Mineral Rights:** Mineral Rights Pass to the Buyer. **Earnest Money:** \$20,000.00 Down Day of Sale; Balance at Closing. **Taxes:** 2017 taxes Prorated to Day of closing. **Title Ins:** 50% Buyer; 50% Seller, First American Title; **Closing Fee:** 50% Buyer; 50% Seller; **Closing:** On or Before Sept. 21, 2017.

Full Sale Bill Online at [www.hammauction.com](http://www.hammauction.com)



John Hamm/Auctioneer  
620-672-6996  
107 NE State Road 61, Pratt, KS 67124  
[www.hammauction.com](http://www.hammauction.com)

Announcements made Day of Sale take precedence over any internet, faxed, digital or printed materials.

## AUCTION

THURSDAY, AUGUST 10, 2017 — 6:00 PM  
2049 Fort Riley Lane — MANHATTAN, KANSAS

'04 Mitsubishi Montero; '02 Pontiac Aztec; '07 Yamaha Classic V Star Motorcycle; '09 Yamaha Classic V Star motorcycle.  
2 brief cases; asst. woven baskets; bird cage; toy dolls; scale; alarm clock; iron; handpainted decorative sled; twin size metal bed frame; Sleep Comfort foundation (twin); antique quilt rack; bathroom set; wooden box; student desk (black metal); lg. wooden box; sun lamp; black mesh file; woven laundry hamper; 7" table saw; blue insulated liquid cooler; 2 black travel bags; asst. Christmas décor; handkerchief set; Ceramic pieces — Southwest/Native American decor; plastic boxes; tablecloth; iron board cover; asst. office supplies; pilgrim dolls; tackle box organizer; bedspreads; woven box; JCPenny's Black Empress bedroom set: drapes, spread, covers etc.; miscellaneous tools, hardware, garden supplies; craft supplies — sponges, plastic mat, stencils, candle mold; 2 metal folding chairs; 4x6 Oriental rug; mini air compressor; mini ShopVac; wire shoe rack; Indian picture; TV wall mount; asst. plastic containers; lg. wooden storage box; poster frames; leather hat box set; Clint Eastwood pictures; postcards; picture framing mats; silk quilt; Atlanta Century Book; desk lamps; silver bowls; glass show table; necklace; peacock décor. plate; XLg. Christmas ornaments; frames w/glass & w/o glass; vases; asst. purses; G.W. Bush bobble head; Roseville vase; lamb skin; asst. linens; asst. doll furniture; 3-tier shelf; jewelry making beads; asst. pictures; old calendars; asst. decorative plates; real fur hat; asst. baseball pictures, cards memorabilia; sewing patterns; Japanese "Cupie" dolls; elec. burner; Japanese scroll; chamber pot; Mason jar; toy leather holster; engraver; Playboy silver mug; KPL prints; sleeping bags; barbed wire collection; pottery; cookie jar; craft magazines/books; material; lace; muslin; 2 office chairs; space heater; Cabbage Patch doll outfit, doll clothes/shoes; asst yarn; antique chair; antique table; silk fabric; net (toole) fabric; doll; crafting supplies; pillows; asst. antique handkerchiefs; antique gloves; croquet set; beach shade tent; duffle bag; Hoover SteamVac; antique level; fax machine; laundry baskets; clothes rack; acrylic glass; brooms; checkerboard; asst. wallpaper; recumbent exercise bike; elliptical; treadmill; asst. marbles; crate of vacuum bags; cables/extension cord chargers; wooden shadow box; jewelry box; picnic set; asst. embroidery thread.

SELLERS: KDOR & LOCAL ESTATE

TERMS: Cash, Good Check and credit cards will be accepted for payment. 10% buyers premium. All items sold as is where is. Announcements made day of sale take precedence over previous printed materials.



Jeff Ruckert, Broker/Auctioneer  
Manhattan, KS 66502  
785-565-8293  
jctt.97@gmail.com

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

## ANTIQUE & COLLECTIBLE AUCTION

SUNDAY, AUGUST 13 — 12:00 NOON  
505 NW Lyman Road — TOPEKA, KANSAS

Victorian Parlor set, dressers, 1000's of sports cards (from 60's, 70's and 80's), dishes, RR items, sterling jewelry, crocks, trunk, beautiful library table, cupboard top, dishes, toys and tons more.



Open 10am for viewing on sale day.

See [oldemillauction.com](http://oldemillauction.com) for full list & many pictures or call 785-233-7700, Sue Metzger, Auctioneer for info.

**REAL ESTATE & PERSONAL PROPERTY AUCTION**  
SATURDAY, AUGUST 19, 2017 — 10:00 AM  
29341 K99 (Just North of Alma on K99) — ALMA, KS  
**REAL ESTATE (SELLS APPROXIMATELY 11:00 AM)**  
3 Bedroom, One Bath Home on 12.2 Acres;  
FURNITURE, ANTIQUES, HOUSEHOLD, MISC.  
See last week's Grass & Grain or website for details & listings!  
**JOAN OTTS ESTATE**  
GANNON REAL ESTATE & AUCTIONS  
VERN GANNON, BROKER/AUCTIONEER  
785-770-0066 • MANHATTAN, KANSAS • 785-539-2316  
[www.gannonauctions.com](http://www.gannonauctions.com)

**REAL ESTATE & PERSONAL PROPERTY AUCTION**  
SATURDAY, SEPTEMBER 16, 2017  
SALE TIME: Personal Property: 9:30 AM • House @ Noon  
30429 K18 Hwy. — WAMEGO, KS • Lunch & Homemade pies served!  
DESCRIPTION:  
This meticulous home sits on 5 +/- acres right on pavement. With 3 bedrooms & 2 1/2 baths as part of a 2200 sq ft main floor there is plenty of room for a family! Plus there is additional family room in the basement and it is ready to finish another bathroom and bedroom there as well! Other amenities include a huge master suite, 2-car garage and work shop.  
**OPEN HOUSES: Sunday, August 13 & Sunday, August 27 (1-3 pm)**  
TERMS: Property sells AS IS, WHERE IS. 5% non-refundable down payment is required day of sale by check. Buyer must be able to close on or before October 16, 2017. Buyer needs bank letter of loan approval or funds verification. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Seller reserves the right not to accept high bid. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.  
Full listing of personal items in future ads and more pictures on our website in the near future!  
Check us out on Facebook & Online for more info  
[www.kscrossroads.com](http://www.kscrossroads.com) • [www.facebook.com/KScrossroadsauctions](http://www.facebook.com/KScrossroadsauctions)  
**SELLER: DELTA ALT**  
BARBARA TORREY, Listing Agent, 785-456-4334  
ANDREW SYLVESTER, Auctioneer, 785-456-4352  
BILL DISBERGER, Auction Coordinator, 620-921-5642  
TERRI HOLLENBECK, Broker/Owner, 785-223-2947

Full Service ★ **SEWELL SERVICE** ★ Fully Computerized  
660-646-8630  
**LAND AUCTION • LEE ANDERSON ESTATE**  
FRIDAY, AUGUST 18TH • 12 NOON  
Tom Anderson, Personal Representative  
Location: 2 miles North of Braymer, MO.  
(Just North of the ball field) on Rt A Blacktop  
**Nearly 500 acres Land in 4 Tracts**  
**Equipment**  
**Near-New 2 bedroom home**  
**Row Crop - CRP - Bottom Ground**  
**Caldwell/Livingston County Land**  
\*PRE-BIDDING available at [www.rafteronline.net](http://www.rafteronline.net)\*  
Auctioneer: Lonnie Sewell Phone: 660-646-8630



Reserve champion breeding goat at the Geary County Free Fair was awarded to Kaitlyn Butler.

## Agriculture Secretary Sonny Perdue proclaims National Farmers' Market Week

U.S. Secretary of Agriculture Sonny Perdue has proclaimed Aug. 6-13 to be National Farmers' Market Week. This is the eighteenth year USDA has supported local producers by encouraging families to meet, and buy from, the farmers' and other vendors at their local farmers' market.

The proclamation Perdue signed notes farmers markets and other agricultural direct marketing outlets contribute approximately \$9 billion each year

to the U.S. economy and "serve as significant outlets by which small-to-medium, new and beginning, and veteran agricultural producers market agricultural products, generating revenue that supports the sustainability of family farms and the revitalization of rural communities nationwide."

Throughout the week, thousands of U.S. farmers' markets will highlight the range of produce, fruit, meat, dairy and specialty products available from

their local and regional farmers. USDA's National Farmers Market Directory makes it easy to locate farmers' markets in towns and neighborhoods across the country. Buying directly from farmers and ag-entrepreneurs has an outsized impact by helping diversify farm incomes and supporting other businesses by keeping more money in the local economy.

In addition to being good for the farmers and convenient for consumers, farm-

ers markets are a gathering place that help build a sense of community.

On Friday, Aug. 11, USDA's flagship Farmers' Market in Washington is hosting several special events on the National Mall at 12th Street and Jefferson from 9 a.m.-2 p.m. and adding a special Night Market from 4 p.m.-8 p.m. Special guests include the Farmers Market Coalition, the official chef of the Washington Capitals Robert Wood, and the U.S. Army Band.

## Initial public hearing scheduled for proposed GMD 4 district-wide LEMA

An initial public hearing will be conducted on Wednesday, Aug 23, 2017, at 9:00 a.m. (CDT) in the Cultural Arts Center at Colby Community College concerning a district-wide Local Enhanced Management Area (LEMA) proposed by Northwest Kansas Groundwater Management District No. 4.

The proposed LEMA management plan covers all or portions of Cheyenne, Decatur, Rawlins, Gove, Graham, Logan, Sheridan, Sherman, Thomas and Wallace counties in northwest Kansas.

Generally, this initial hearing is to determine whether conditions within the proposed LEMA area support its establishment as being in the public interest and whether

the geographic boundaries are reasonable. A subsequent hearing may be held to determine whether GMD No. 4's proposed LEMA Management Plan should be adopted and the area designated as a LEMA.

Persons who require special accommodations must make their needs known at least five days prior to the hearing by contacting Ronda Hutton at Ronda.Hutton@ks.gov or 785-564-6700.

More information, including a copy of the LEMA proposal, is available on the Kansas Department of Agriculture-Division of Water Resources website at [www.agriculture.ks.gov/lema](http://www.agriculture.ks.gov/lema) or GMD No. 4's website at [gmd4.org](http://gmd4.org).

## Kansas State University joins project to develop heat-tolerant crops

Kansas State University researchers have received nearly \$1.8 million to begin studying the impact of high night-time temperatures on the yield and quality of wheat.

Their work will be done in conjunction with similar projects at the University

of Nebraska and Arkansas State University. The National Science Foundation recently awarded the \$5.78 million to Nebraska.

Krishna Jagadish, a crop physiologist in the Department of Agronomy at Kansas State University, and the team at Kansas State will study the impact of high night temperature and the genetic diversity in wheat, using state-of-the-art, field-based tents.

"Previous studies involving night temperature impacts in wheat have all been carried out in controlled growth chambers," said research associate Raju Bhee-

manahalli. "This project will be novel in terms of estimating wheat response to high night temperature under realistic field conditions, including a wide range of diverse wheat cultivars."

"Heat stress is a common and serious challenge during the post-flowering stage of wheat, which not only affects yield, but most importantly it affects quality," Jagadish said, adding that the university's expertise in understanding the physiology of heat stress in cereal crops and its work with high-throughput phenotyping with unmanned ae-

rial vehicles are a big plus for this project.

Another K-State team member, Antonio Ray Asebedo, will lead work on high-throughput phenotyping - a technology used to rapidly and precisely measure a plant's traits. The project includes using a sophisticated, image-based phenotyping system that takes high-resolution images of the plants as they endure simulated high night-time temperature conditions.

They will then use computer software to process the images, and detect daily differences among the varieties that are not visible to the human eye. Researchers can identify genes responsible for heat tolerance by matching slight variations with differences in each plant's genetic makeup.

The National Science Foundation is funding this project through its Experimental Program to Stimulate Competitive Research, better known as EPSCoR.

## Perdue holds firm on Brazilian beef ban

Brazil needs to demonstrate progress on food safety issues before a timeline can be set to end a U.S. ban on imports of fresh Brazilian beef, U.S. Agriculture Secretary Sonny Perdue said after meeting with his Brazilian counterpart in Washington, D.C. Brazil's minister of agriculture, Blairo Maggi, traveled to Washington to press for a resumption of fresh beef exports from the country, reports Meatingplace.com.

"Open dialogue is good, but we need to see progress," Perdue said in a tweet accompanied by a photo taken with Maggi at their meeting.

**REAL ESTATE & PERSONAL PROPERTY AUCTION**  
**SATURDAY, AUGUST 12, 2017 — 10:00 AM**  
 831 Dorn Lane (corner of Dorn & Rochester), TOPEKA, KS

**REAL ESTATE SELLS FIRST AT 10:00 AM: Extra Nice 1 Owner Ranch Style Home on Large ¾ Acre Corner Lot; OAK GRANDFATHER CLOCK, FURNITURE, MISC.**

*See last week's Grass & Grain or website for details & listings!*

**EDGAR W. TIBBS**

GANNON REAL ESTATE & AUCTIONS  
 VERN GANNON, BROKER/AUCTIONEER  
 785-770-0066 • MANHATTAN, KANSAS • 785-539-2316  
[www.gannonauctions.com](http://www.gannonauctions.com)

**REAL ESTATE & PERSONAL PROPERTY AUCTION**  
**SATURDAY, AUGUST 26, 2017 — 10:00 AM**  
 4821 NW HOCH ROAD, SILVER LAKE, KANSAS  
 REAL ESTATE (SELLS APPROXIMATELY 12:00 NOON)

This very nice 4-bedroom, 3 ½ bath home with living room, family room, dining room & kitchen is located on approximately 5 ½ Acres with frontage on blacktop road. The home has rural water, a septic system along with central air. The home has a partial basement, attached garage & deck. There are several outbuildings including a very good shop with concrete floor and overhead door. A great place in the country! Successful bidder to pay 10% down day of Auction with balance due on or before September 26, 2017. Taxes prorated to closing. Cost of Title insurance divided equally between Buyer & Seller. All inspection including lead base paint inspection to be completed prior to Auction at Buyer's expense if requested. **STATEMENTS MADE DAY OF AUCTION TAKES PRECEDENCE OVER ANY OTHER INFORMATION. OPEN HOUSE Thursday, August 17, 2017, 5-6:30PM or Sunday, August 20, 2017, 2-4PM or by appointment by contacting Vern Gannon Broker/Auctioneer 785-770-0066 or Gannon Real Estate and Auctions 785-539-2316.**

**COINS**  
 135 Buffalo nickels; 24 'IKE' dollars; 12 Kennedy \$1/2's; various wheat pennies.  
 Antique dining room table with leaves; 4 Oak chairs; King bed & 9-drawer dresser; Antique jelly cabinet; glass door pie cabinet; Frigidaire side-by-side refrigerator with water & ice dispenser; tan leather recliner; Waterfall bedroom suite with bed, vanity dresser; 3-drawer Oak chest; old kitchen cabinet with flour bin & spice rack; modern curved glass china cabinet; couch, loveseat with recliners; Oak entertainment center; round Oak table cut down coffee table; flat top trunk; end table; Oak student desk & chair; wood framed barrel back chair; lined Oak cedar chest; Oak rocker with needlepoint seat; 3-drawer chest; end table; antique rocker; glider rocker & ottoman; dresser; wicker tea cart; floor lamp; recliner; lamp table; chest-of-drawers; rocker; metal office desk & chair; oval end table; maple step table; Martha Washington sewing cabinet; portable & console sewing machines; stand table; office chair; hassock; TV; nite stand; round top stand; small bookshelf; lawn furniture; patio table; picnic tables; cabinet with cubby bins; typing table; fold out sewing cabinet; painted table; lounge chair; ladies golf clubs & many golf balls; metal medical stand; Oak sewing cabinet; Christmas decorations, villages, lights, dishes & outdoor decorations; Coleman camp stove; fans; rods & reels; minnow buckets; step stool; brass colored hall tree; Ball cap collection; 2 Tonka trucks; stadium seats; lamps; coolers; cookbooks; lawn & folding chairs; fruit jars; milk bottles; pop bottles; '45' & other records; games; bedding; vaporizer; IBM typewriter; lots linen; many pictures & frames; luggage; sewing patterns; puzzles; barn picture; large mirror with matching sconces; **Hummel figurines**; antique plates; 6pc Pfaltzgraf coffee set; collection of Elephant figurines; antique table legs; old marbles; Emerson brass blade fan; ice pick; wood rolling pins; kraut cutter; mirrors; lots baskets; many picture; Princess Diana doll & books; Elvis decanter & books; ceramic figurines; stuffed animals; old toys; Matchbox; pr brass lamps; pineapple cookie jar (60 yrs old); brass candlesticks; wine glasses; artificial flowers; small kitchen appliances; desk lamp; 2 electric heaters; CD's; books; magazines; 2 exercise bikes; pots; pans; dishes; lots of what-not; lots more!

1948 Farmall Cub tractor with belly mower; 1990 GMC Sierra 350 pickup, tow packet for 5th wheel trailer, 124,000 miles; 44 Cub Cadet zero turn riding mower; 1515 Cub Cadet riding mower; 1330 Cub Cadet (needs transmission work). 21 gallon upright air compressor; 10" band saw; Craftsman 8" table model drill press; near new sandblaster; lawn aerator; pull type lawn spreader; portable air compressor; small roto-tiller; Craftsman push mower; 2-wheel lawn wagon; sump pump; several ladders; wrenches; shovels; tire breaker; chain saws; chain saw sharpener; garden cultivator; car ramps; jumper cables; extension cords; hedge trimmer; weed eater; chop saw; radial arm saw (needs motor); tool-boxes; tire chains; battery charger; bench grinder; 2 vises; levels; post driver & auger; sledge hammer; drills; pipe wrenches; mitre box; lots nails & bolts; ice auger; BBQ grill; lanterns; gas cans; bird feeders; saw horses; child's sleds & wagon; porch swing; men's bike; child's wheelbarrow; push mower; 500 gallon gas tank stand; 2 steel gates; tank heater; egg basket; sprinkle can; buckets; 2 pool pump filters; flower pots; RR ties; misc. lumber.

**ORVILLE & JANET MARTINEK**  
 GANNON REAL ESTATE & AUCTIONS  
 VERN GANNON, BROKER/AUCTIONEER  
 785-770-0066 • MANHATTAN, KANSAS • 785-539-2316  
[www.gannonauctions.com](http://www.gannonauctions.com)

**PERSONAL AUCTION**  
**SATURDAY, AUGUST 12, 2017 — 10:00 AM**  
 2323 N. JACKSON — JUNCTION CITY, KS 66441

**FURNITURE & APPLIANCES:** Oak Parlor Table, Oak Cain Bottom Chair, 3-Lazy-Boys (One Recliner & Two Rocker/Reclines), Chair w/ Ottoman, Wicker Tea Set, Wicker Chair & Plant Stand, Glass Top Coffee Table, Maple Corner China Cabinet, Oak Square Table w/Leaf & 4-Chairs, Bentwood Oak Chair, Oak Telephone Stand, Oak Kitchen Cabinet w/4-Drawers, Oak 6-Drawer Organizer, White Pine Display Cabinet, 2-Oak 2 Drawer Legal & Letter Cabinets, 3 Drawer Oak Chest, Oak Barrel Chair, 2- Cane Side Barrel Chairs, Cain Back Rocker & Chair, Oak Library Table, Oak 4 Drawer Dresser, Cedar Chests, Lane Blonde Oak Cedar Chest w/Tray, Pine 6 Drawer Dresser, Oak Trash Bin, Oak 3 Drawer TV Stand, Wooden Pine Bench, Oak Flat Top Trunk, French Provincial Desk & Chair, Wall Hugging Table, Twin Bed w/Oak Head Board, 2 Full Size Beds w/Headboards, Queen Bed w/ Hollywood Frame, 6 Gun Maple Gun Cabinet, Record Cabinet, Sony 50" Flat Screen TV, Kenmore 5 Cu. Ft. Freezer.

**COINS & COLLECTIBLES (Coins sell at 10:00 AM):** 9-Morgan Dollars, 3-Peace Dollars, 4-Silver Trimes, 14-Barber Half Dollars, 2-Books Barber Half Dollars, 4-Barber Guardian Books, Washington Quarters, 2-Seated Half Dimes, 2-Walking Liberty Half Dollar Books (Missing One Coin), Presidential Dollar Albums, Bag of 5000 Wheat Pennies, Steel Pennies, State Silver Quarters, Franklin Half Dollars, V Nickels, Canadian Silver Coins, CI Floor Lamp, Elephant Collection, Roseville Pitcher, Boat & Planter, Delft Sale & Pepper & Wall Hanger, 2 Silhouette Pictures w/Raised Glass, Hand Painted German Bowl, Hull Handle Basket, Bavarian Hand Painted Plate, Cobalt Blue Bowl, Pink Depression (bowl, handled Sandwich Plate), Bone China Vase, Fenton Hand Painted Vases, Lead Crystal Cat Figurines, Green Glass (Cookie Jar & Sale & Pepper Shakers), Setting of 12 Pier I Dishes, Setting of 8 Covington Edition Dishes w/Serving Pieces, Wooden Duck Decoys, **Hummel Clock (West Germany)**, Pyrex Mixing Bowls, Pillsbury Doe Boy Cookie Jar, **8 Quilts in various Patterns & Sizes (Excellent Condition, most are machine done)**, Milk Cans, Metal Rooster, **Daisy 105 BB Gun in Box**, Wood Shaft Golf Clubs, Howard Miller Mantle Clock, Sterling Noble Wall Clock, **Green Depression** (Salt & Pepper, Sherberts & Candle Holders), Sunflower Wall Hanger, Willow Tree Angel.

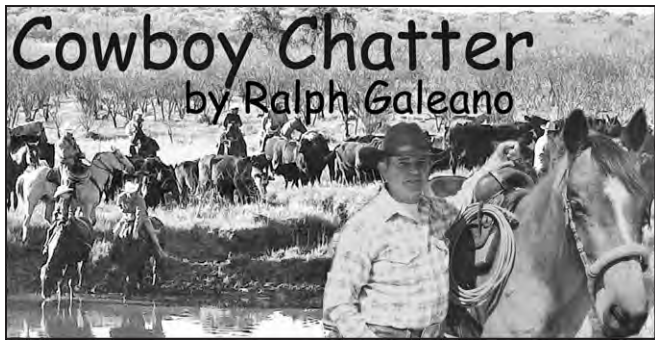
**MISCELLANEOUS:** Pictures & Frames, Wooden Serving Tray, Ceramic Pitchers, B & D Toaster Oven, Wooden Bird Houses, Kitchen Utensils, Christmas Decorations, Humidor Smoke Stand, Brass Light (PL & B Co., Success, Sparta Radio, Kitchen Counter Top, Pet Carrier, Wire Dog Pen, Wooden Level, Folding Table, Metal Store, 12 V Cooler, Lamps, Lenox CD Player, HP Printer, **MANY MANY MORE ITEMS TO NUMEROUS TO MENTION.**

**FOR PICTURES GO TO [kansasauctions.net](http://kansasauctions.net)**

**EARL & SHIRLEY GRAY ESTATE & OTHERS**  
 Terms Cash, Check or Credit Card. Lunch By Chuck Wagon. NRFA.

785-762-2266 FAX: 785-762-8910  
 JAY E. BROWN, Broker/Auctioneer, 785-223-7555  
 GREG HALLGREN, 785-499-5376  
 E-mail: [jbrown@ksbroadband.net](mailto:jbrown@ksbroadband.net)  
[www.KSALink.com](http://www.KSALink.com) and [KansasAuctions.net](http://KansasAuctions.net)

**BROWN**  
 2323 North Jackson  
 Real Estate & Auction Service LLC  
 Junction City, KS



## Wet Saddle Blankets

There's all kinds of ways to get wet saddle blankets and swimming a river is just one. When a horse gets a wet back, it means he's being used or abused. They say wet saddle blankets will get a horse in shape and trained better than loafing around the pasture all month not doing anything to earn his groceries.

There's a lot of truth to that but wet blankets and a wet back on a horse can be good or bad. If you're training a horse and putting him through the ABCs, a wet blanket is a good thing. It means he's getting a good training session, if the trainer knows what he's doing. If there's lack of experience

on the trainer's part those wet blankets could be a bad thing. The trainer may be pushing the horse too hard and maybe in the wrong direction.

In that case, the horse may be confused or frightened causing a sure-enough sweat to break out. When a horse doesn't understand what you want him to do, things start going bad in a hurry. The more aggressive you become the behinder the horse gets. Pretty soon you've blown his mind and you'll never get him to do what you want.

Take something simple like putting on a headstall or a bit in a horse's mouth. If the horse fidgets around

and throws his head every time you try to install that tack on his head, you need to do some additional training. Maybe somewhere back in his early training somebody smacked him on the head when he tried a friendly nibble on their arm or hand. Every time he sniffed their clothes or wondered what was in their hand, he was whacked in the face. Pretty soon he learned to be head-shy to keep from getting spanked for friendly gestures. Like people, horses are pretty sensitive to anything happening around their face or ears.

You have to start all over now. He needs to learn that you are not going to belt him every time you reach your hand towards his head. Tying a horse for long periods is a great teacher. Let him stand tied to learn patience. He'll paw the ground and swing around as far as he can go at first because he hasn't learned to accept being confined. When he figures out he's stuck to that hitching post and not going anywhere until you come to his rescue, he might think a little more kindly of your

presence. When he stops pawing or being impatient and stands still like a gentleman or lady, try placing your hand on his face. If he won't tolerate the touch, then walk away and give him more time to think.

Go slowly and softly with your hand. Don't make any fast movements. Gradually move your hand around his head, if he resists, stop and wait a while before trying again. You are trying to give him confidence that your hand or a bridle on his head is not a bad thing. Lay your hand on the bridge of his nose and just keep it there until he stops fidgeting. Do the same technique when you try to get him to open his jaw to accept a bit.

If he clamps his jaw shut and won't let you slide that steel between his teeth, put some pressure on his gums with your thumb. Increase the pressure until he gives in and opens his jaw. If that jaw clamping continues, fit him with a headstall and snaffle bit without reins. Once you get the bit in his mouth, place him in a stall for several hours and let him wear the headstall and

Grass & Grain, August 8, 2017

bit. Pretty soon he'll get used to that bit in his mouth. It may take quite a few sessions to cure that problem. Your job is to not fight him but to show him it won't hurt for you to do stuff around his head including his ears.

You don't always have to make wet saddle blankets or backs to get a horse trained. Some sessions you don't even have to get in the saddle to teach them something new. Take for instance the first time you put a rear cinch on a cow horse. Hook up that cinch and run him around a round pen or corral to see how he likes the new gear tickling him on the belly. If he wants to buck, let him get it out of his system. It's better he bucks when you are not the passenger. Usually they only make a few rounds humped up before they realize it is not going to eat them.

So if your horse has some bad habits, try working with him slow and easy and forget the wet backs for awhile until you get acceptable basic horse manners back in his noggin.

We've all heard the saying 'Rode hard and put away wet.' That's a reproachful phrase for when someone disregards a horse's care after the horse has been worked hard and has sweated because of his labors. He wasn't allowed to cool down and then brushed. His wet back shows where the saddle sat on his back and the hair around his girth is disheveled with the marks of the cinch. A horse put away in that condition is a sure sign of an incompetent rider. The hair dries out and leaves dirty, matted hair everywhere the saddle and girth contacted his body. That is very uncomfortable for the horse. I'll bet it even itches and irritates them.

It's okay to get wet saddle blankets the right way but when you do, take the time to cool and groom your horse when you're done. He's one of your possessions and deserves proper care. Saddle marks on a horse rode hard and put away wet marks the rider as a poor horseman.

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

## NCGA applauds decision on 2014-16 renewable volume obligations

The U.S. Court of Appeals for the District of Columbia Circuit ruled in favor of the National Corn Growers Association and other renewable fuels advocates, agreeing with the petitioners that the Environmental Protection Agency (EPA) erred in how it interpreted and used the "inadequate domestic supply" waiver in the Renewable Fuel Standard law in setting renewable fuel volumes for 2014-2016.

In *Americans for Clean Energy et al v. Environmental Protection Agency*, the Court vacated EPA's decision to reduce the total renewable fuel volume requirement in 2016 and remanded the rule to EPA for further consideration.

The following is a statement from the National Corn Growers Association (NCGA), others tout success of KORUS

The CEOs of the National Cattlemen's Beef Association (NCBA), the North American Meat Institute, and the U.S. Meat Export Federation sent a letter to USDA Secretary Sonny Perdue and Ambassador Robert Lighthizer of the U.S. Trade Representative's Office (USTR) to highlight the success the U.S. beef industry has experienced with its exports to South Korea since the commencement of the Korea-U.S. Free Trade Agreement (KORUS).

The industry letter was prompted by the recent announcement from the Trump administration that there will be a special session with South Korea to discuss potential changes to the KORUS. The meeting will be held in Washington, D.C. in August.

"Simply put, KORUS created the ideal environment for the U.S. beef industry to thrive in South Korea," the letter said. "We would not support any changes in the terms of the KORUS that would jeopardize either our market share or the significant investment that has been made in rebuilding Korean consumer confidence in the safety, quality, and consistency of U.S. beef."

ment from the National Corn Growers Association:

"Today's Court decision is a win for farmers, the biofuels industry, and consumers. This ruling affirms our view that the EPA did not follow the law when it reduced the 2014-2016 renewable fuel volumes below levels intended by Congress. The Court held that EPA was wrong to interpret the phrase 'in-

adequate domestic supply' to mean 'inadequate domestic supply and demand.' We agree with the Court that effectively adding words to the law through this interpretation simply exceeds EPA's authority.

"We appreciate the Court honoring Congress' intent. Congress created the Renewable Fuel Standard to help increase American energy

independence and provide cleaner fuel choices for consumers by opening a closed fuel market and forcing the oil industry to allow competition in. Whether there is an adequate supply of renewable fuel to meet volume standards is not the same as how much fuel is used. Or, in the Court's own words, "The fact that a person is on a diet does not mean there is

an inadequate supply of food in the refrigerator."

"Corn farmers have done our part to help expand the supply of renewable fuel, as well as help support use of renewable fuels with retailers and consumers. We look forward to working with the EPA to ensure that going forward, the Agency follows the law when implementing the RFS."



The reserve champion market goat at the Geary County Free Fair weighed in at 90 pounds and was shown by Kaitlyn Butler.



Lindsey Ascher's 88-pound entry was chosen as the grand champion market goat at the Geary County Free Fair.

**GS**  
GRAIN BINS  
ALL SIZES AVAILABLE  
Hopper Bins Available  
FINANCING AVAILABLE  
Harder AG PRODUCTS  
West Highway 50  
PEABODY, KANSAS 66866  
Phone 620-983-2158  
www.grainbinsusa.com

## HERINGTON LIVESTOCK COMMISSION CO.

**CATTLE SALE EVERY WEDNESDAY: 11:30 AM**  
**SELL HOGS 1ST & 3RD**  
**WEDNESDAY OF EVERY MONTH**  
8/2/17

COWS			
Marion, 1 blk	1295@109.00	Cncl Grve, 1 blk	1555@76.00
Junction City, 1 bwf	1280@84.50	Sedgwick, 1 Char	1640@76.00
Herington, 1 bwf	1580@79.50	Cncl Grve, 1 blk	1710@75.50
Herington, 1 red	1645@79.50	Sedgwick, 1 blk	1510@75.50
Marion, 1 blk	1630@78.50	Sedgwick, 1 blk	1605@75.50
Sedgwick, 1 blk	1510@78.50	Marion, 1 blk	1335@75.50
Marion, 1 blk	1515@78.50	Junction City, 1 blk	1325@75.00
Marion, 1 blk	1515@78.50	Sedgwick, 1 Char	1495@75.00
Herington, 1 blk	1550@78.50	Sedgwick, 1 blk	1360@75.00
Marion, 1 blk	1515@78.50	Lost Springs, 1 blk	1355@75.00
Herington, 1 red	1800@78.50	Marion, 1 blk	1355@75.00
Sedgwick, 1 Char	1400@78.00	Marion, 1 blk	1390@75.00
Sedgwick, 1 blk	1510@78.00	BULLS	
Sedgwick, 1 Char	1380@78.00	Allen, 1 rwf	1885@99.50
Sedgwick, 1 blk	1565@78.00	Wilsey, 1 blk	2155@94.00
Marion, 1 red	1575@78.00	Cncl Grve, 1 blk	2155@93.00
Sedgwick, 1 Char	1585@77.50	Lincolntown, 1 blk	2100@93.00
Sedgwick, 1 blk	1395@77.50	White City, 1 blk	1930@92.50
Sedgwick, 1 blk	1395@77.50	Durham, 1 blk	1915@92.00
Marion, 1 blk	1755@77.50	Wilsey, 1 blk	1975@91.50
Herington, 1 blk	1690@77.50	Junction City, 1 blk	1665@88.00
Sedgwick, 1 Char	1710@77.00	Junction City, 1 rwf	1915@85.00
Marion, 1 blk	1600@77.00	Marion, 1 red	1285@83.00
Marion, 1 blk	1600@77.00	STEERS	
Marion, 1 red	1685@77.00	Cncl Grve, 12 blk	584@167.00
Sedgwick, 1 Char	1455@76.50	Peabody, 5 blk	596@162.00
		Marion, 35 blk	755@160.25

**CONSIGNMENTS FOR AUGUST 9:**

- 74 all blk str & hfrs, long time weaned, 650-800 lbs
- 55 crossbred str, 900 lbs
- 55 str mostly blk, 900 lbs
- 78 hfrs all blk, PI negative, 750-800 lbs
- 62 hfrs mostly blk, 825 lbs
- 115 str mostly blk, 985 lbs
- 147 hfrs mostly blk, 775-825 lbs
- 50 str & hfrs mix blk & red, home raised, 500-600 lbs
- 59 mostly blk str & hfrs, 500-700 lbs

**MORE CATTLE BY SALE TIME!**

**NEXT SHEEP & GOAT SALE THURSDAY, AUG. 31 @ 6:30**  
**CLAY TOEWS- Sheep/Goat Sale Mgr. • 620-747-0843**

**CAFE UNDER NEW MANAGEMENT: Cattleman's Cafe, Deb- Manager**  
Cafe hours: Wednesday- Opens at 7 a.m. • Thurs.-Fri.: 7 a.m.-2 p.m.  
The Last Saturday- Steak Night! Surf & Turf, open 5-9 p.m.

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

**View Our Auction Live at LMAAUCTIONS.COM**  
KFRM AM 550, Every Wed., 8:00 a.m. • Barn Phone 785-258-2205  
[www.HeringtonLivestock.com](http://www.HeringtonLivestock.com)

**UNDER NEW MANAGEMENT: Tracy Ediger, 785-366-6645**  
Gary Suderman - 913-837-6785 • Dave Bures - 402-766-3743 • Rick Parkerson - 620-767-2738  
Bob Kickhaefer, Cell - 785-258-4188

# Farmers will glean production, market, financial tips from FarmStarts seminar

To equip beginning farmers with the latest production, business and marketing knowledge for grain operations, National Farmers on Aug. 30, will host its free FarmStarts seminar in Hiawatha.

Grain marketing, organic agriculture and soil health pique the interest of farm producers today, and those are among the FarmStarts educational topics, presented by agricultural business speakers.

FarmStarts Ag Learning Topics

1. Organic Grain Prac-
2. Crop Rotation, Soil Fertility and Weed Control — Jack Geiger, organic farmer, Robinson.
3. Soil Health — The Cornerstone of Profitability in Crop and Livestock Production — Dr Jim Ladlie, ProfitProAG, Albert Lea, Minn.
4. Organic Land Certification — Angie Tunink, Organic Crop Improvement Association, executive director
5. Organic - Conven-

tional Financial Comparison — Curtis Mahnke, Center for Farm Financial Management, University of Minnesota

6. Organic Crop Insurance — Al Smith, Optimum Service Group/National Farmers Crop Insurance

7. Marketing your Organic Grains — Adam Eddy and Martin Eddy, Kansas Organic Producers

8. Organic Farmers Agency for Relationship Marketing — John Bobbe, OFARM executive director

Producers can register online at nationalfarmers.com/farmstarts. The 9 a.m. Aug. 30 FarmStarts seminar is part of a 36-meeting series in 11 states spearheaded by National Farmers, and partially funded by USDA's National Institute for Food and Agriculture. The Hiawatha FarmStarts workshop will be hosted at Highland Community College's Klinefelter Farm and Barn. Lunch is provided.

“National Farmers has always focused on helping farmers, and with FarmStarts seminars, we give newer producers key information they need as they launch into or

continue in farming,” said FarmStarts project director Dave Reed. “Organic agriculture can offer beginning producers a way to cash flow without a large number of acres.”

The educational day is designed for newer farmers, who've been farming less than ten years, or more precisely have filed fewer than ten Schedule F tax forms. They can receive a \$200 stipend to cover travel costs, and expenses incurred while being off the farm for the day. Producers with questions about the FarmStarts event may also call 515-598-4670.

National Farmers markets milk, livestock and crops for thousands of American agricultural producers. We offer six decades of experience representing farmers and ranchers, and grouping production from many ag operations, we help producers market together. National Farmers' experienced marketing professionals negotiate on conventional and certified organic farmers' behalf in cash and contract sales, establishing commodity sales terms with the farmers' interests in mind.

For a complete list of cattle for all sales check out our website [www.fandrive.com](http://www.fandrive.com)

— AUCTIONEERS —  
KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD

## Farmers & Ranchers

### AUCTIONS EVERY MONDAY & THURSDAY

**Selling Hogs & Cattle every Monday**

RECEIPTS FOR THE WEEK TOTALED 5,807 CATTLE AND 177 HOGS.

<b>STEERS</b>		156 blk	Abilene	985@142.85		
400-500	\$178.00-\$195.00	157 blk	Abilene	1001@142.85		
500-600	\$165.00-\$177.00	154 blk	Abilene	979@142.75		
600-700	\$166.00-\$179.00	16 blk	Manhattan	952@142.00		
700-800	\$148.00-\$163.50	111 mix	Hope	1000@141.10		
800-900	\$140.00-\$158.50					
900-1,000	\$130.00-\$149.00	<b>HEIFERS</b>				
		4 mix	Salina	419@161.00		
		10 blk	Sylvan Grove	607@157.00		
		15 blk	Ellinwood	551@156.50		
		8 mix	Burrton	623@155.00		
		15 blk	Ellinwood	501@155.00		
		10 mix	Marion	601@155.00		
		9 blk	Clafflin	653@154.50		
		23 blk	Ellinwood	573@154.05		
		10 mix	Abilene	665@154.00		
		10 mix	Burrton	667@154.00		
		4 blk	Smolan	645@154.00		
		6 blk	Yates Center	653@154.00		
		12 blk	Ellinwood	658@153.00		
		16 blk	Longford	646@152.50		
		4 blk	Sterling	619@152.00		
		6 mix	Delphos	618@152.00		
		20 mix	Belleville	625@151.00		
		9 blk	Marion	722@145.50		
		38 mix	Whitewater	728@145.00		
		5 mix	Wilsey	732@144.00		
		134 blk	Hunter	797@142.00		
		67 blk	Beloit	775@142.00		
		7 blk	Lorraine	877@140.00		
		69 mix	Whitewater	793@140.00		
		48 blk	Longford	885@136.75		
		92 mix	Wilsey	872@136.60		
<b>COWS</b>						
4 mix	Sylvan Grove	416@195.00	1 blk	Chase	1475@81.00	
2 bwf	Newton	418@191.00	1 blk	Salina	1650@79.50	
7 blk	Kanopolis	470@184.00	1 blk	Delphos	1610@78.56	
5 mix	Randolph	630@179.00	1 blk	McPherson	1490@78.50	
24 char	Tescott	557@177.00	1 bwf	Lehigh	1600@78.00	
4 blk	Sylvan Grove	505@175.00	1 blk	Tampa	1425@78.00	
7 blk	Burrton	626@175.00	1 blk	Clay Center	1590@77.56	
2 blk	Clafflin	590@175.00	1 blk	Bennington	1825@77.50	
6 blk	Marion	615@174.00	9 blk	Delphos	1467@77.00	
2 blk	Sterling	525@172.00	2 char	Clafflin	1340@76.50	
7 blk	Sylvan Grove	624@172.00	<b>BULLS</b>			
7 blk	Belleville	624@172.00	1 red	Manchester	2000@96.50	
7 blk	Manhattan	561@171.00	1 blk	Bennington	2140@95.00	
22 blk	Tescott	636@170.50	1 red	Lincoln	1725@94.50	
6 blk	Manhattan	648@169.50	1 blk	Tampa	2285@94.50	
11 blk	Burrton	697@166.50	1 blk	Marion	1865@93.00	
9 blk	Sylvan Grove	706@163.50	1 blk	Abilene	1900@93.00	
5 blk	Newton	723@163.00				
12 blk	Longford	698@163.00				
2 blk	Lincoln	805@158.50				
47 mix	McPherson	729@158.25				
76 blk	Tampa	839@155.00				
10 blk	Lincoln	866@154.50				
5 blk	Clafflin	810@154.00				
66 mix	Chapman	869@153.75				
45 blk	Sterling	849@152.75				
62 mix	Assaria	814@152.60				
59 mix	McPherson	812@152.50				
11 blk	Beverly	733@152.00				
15 blk	Glen Elder	821@151.75				
43 blk	Longford	875@150.75				
59 blk	Hope	861@150.75				
193 blk	Salina	851@149.25				
234 blk	Abilene	900@149.00				
88 blk	Hope	907@148.75				
115 blk	Tampa	925@145.60				
111 mix	Salina	914@144.60				
60 mix	Gypsum	957@144.00				
165 blk	Salina	921@144.00				

**IN STOCK TODAY:**

- Heavy Duty Round Bale Feeders
- 6'8" X 24' GOOSENECK STOCK TRAILER METAL TOP
- 6'8" X 24' GOOSENECK STOCK TRAILER
- 6'8" X 24' GR Stock Trailer Metal Top

## Livestock Commission Co., Inc. Salina, KANSAS

**SALE BARN PHONE: 785-825-0211**

**MONDAY — HOGS & CATTLE**  
Hogs sell at 10:30 a.m. Cattle at 12:00 Noon. Selling calves and yearlings first, followed by Packer cows and bulls.

**THURSDAY — CATTLE ONLY**  
Selling starts at 10:00 a.m. Consign your cattle as early as possible so we can get them highly advertised.

— AUCTIONEERS —  
**KYLE ELWOOD, ANDREW SYLVESTER & GARREN WALROD**

For a complete list of cattle for all sales check out our website [www.fandrive.com](http://www.fandrive.com)

<b>CALVES</b>		11 fats	Lindsborg	272@60.00	
3 bwf	Lindsborg	230@525.00			
1 blk	Pretty Prairie	215@450.00	<b>SOWS</b>		
1 rwf	Lorraine	240@450.00	1 wht	Abilene	660@75.50
2 mix	Belleville	215@450.00	2 mix	Abilene	573@74.50
1 blk	Belleville	190@360.00	1 red	Abilene	625@74.50
			1 wht	Ellinwood	590@74.50
<b>FATS</b>			4 wht	Abilene	544@73.50
12 fats	Tescott	276@63.00	1 hamp	Beloit	505@71.00
7 fats	Nelson, NE	368@60.00			

**EARLY CONSIGNMENTS FOR THURSDAY, AUGUST 10, 2017:**

420 blk strs, 825-875; 120 strs, off grass, 700-850; 110 blk strs & hfrs, weaned, vacc., open, 550-650; 95 strs, mostly blk, off grass, 900-950; 150 strs, off grass, 700-800; 200 hfrs, off grass, 700-750; 35 strs & hfrs, 800; 10 blk/Char blk hfrs, off grass, 700-800; 75 blk strs & hfrs, homeraised, long weaned, off grass, 700-800; 45 strs, grass, 700-800; 60 strs & hfrs, blk, 500-800; 57 mostly blk strs, off grass, no sort, 950-975; 47 strs & hfrs, off grass, PI neg, open, 700-800; 101 Char X & blk strs, grass, 950-1,000; 85 mostly blk strs, long weaned, grass, no sort, 625; 92 Char X strs & hfrs, long weaned, 2 rds vacc., Fink genetics, 600-750.

**PLUS MORE BY SALE TIME!**

**EARLY CONSIGNMENTS FOR SPECIAL COW SALE, TUESDAY, AUG. 15:**

260 blk cows, mostly 3-4 yrs with a few 5 yrs, Montana origin, all raised a calf last year, bred to Clay Creek Angus bulls from Grey Bull WY 72-78# bw EPD's & big growth EPD's start Sept 10 for 60 days or less; 240 mostly blk cows, handful char & red, 5-6 yrs old (55) being AI bred to Overdrive, (55) being bred to char/Angus bulls with balance bred to Charolais; 200 blk cows, 7-8 yrs, bred to Wooden Cross Charolais; 50 blk Angus fall cows, bred blk; 19 Red Angus fall cows, bred to Red Angus start Sept 15 for 60 days, all 4-5 yrs; 15/15 blk & Red Angus pairs, 4-7 yrs, Angus calves, bred back to blk Angus bull; 60 fall bred 3-6 yr old blk/red Angus cows; 5 blk fall bred cows, bred blk; 20/20 solid mouth pairs, calves worked been back with Angus bull; 3 fall bred older cows.

**PLUS MORE BY SALE TIME.**

**THURSDAY SALES starting at**

**9:30 AM Until the Heat Subsides.**

**COW SALE: AUGUST 15**

**COLT SALE**

**Friday, October 13, 2017**

**FALL CLASSIC HORSE SALE**

**Saturday, October 14, 2017**

# CLASSIFIEDS

**CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY**

**RATES AND DISCOUNTS**

**CLASSIFICATIONS**

Although complete name, address and phone number need not appear in your ad, we must have this information for our records.

Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**WRITE YOUR AD HERE**



**FIGURE YOUR COST HERE:**

RATE: 65¢ a word.

Number of words: \_\_\_\_\_ @ 65¢ each

Cost for one week: \_\_\_\_\_

Multiply one-week cost times number of weeks you want ad to run.

Run ad \_\_\_\_\_ consecutive weeks.

Category: \_\_\_\_\_

Cost for \_\_\_\_\_ weeks: \_\_\_\_\_

**DISCOUNTS:** (with cash or credit card orders only)  
deduct 10% if ad runs 2 or 3 weeks;  
deduct 25% if ad runs 4 weeks.

Less discounts: \_\_\_\_\_

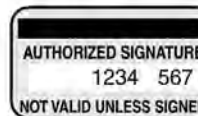
**TOTAL: \$** \_\_\_\_\_

**PAY WITH (PLEASE CIRCLE ONE):**

CHECK **MASTERCARD** VISA **DISCOVER**

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

V-Code \_\_\_\_\_ (required) last 3 digits (see sample: 567) located on the back of your credit card on the signature panel.



Signature: \_\_\_\_\_

- CATTLE
- SWINE
- HORSES
- FERTILIZER
- FEED & SEED
- AUTOMOTIVE
- REAL ESTATE
- SERVICES
- IRRIGATION
- HARVESTING
- LIVESTOCK OTHER
- LIVESTOCK EQUIPMENT
- BUILDINGS-BUILDING MATERIALS
- BINS - DRYERS - VACS
- MOBILE HOMES
- SPRAY EQUIPMENT
- BUSINESS OPPORTUNITIES
- WELDING
- MISCELLANEOUS
- GOAT
- SHEEP
- POULTRY
- TRAILERS
- MACHINERY
- EMPLOYMENT
- ANTIQUES
- PASTURE
- WANTED
- PETS

**REMINDERS**

- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
- **NO REFUNDS!**
- **BY PHONE:** Ads not accompanied by payment have \$1.00 billing charge added, and discounts are not available.

**Four Ways To Place Your Ad**

**CALL: 877-537-3816 TOLL-FREE OR 785-539-7558**

**MAIL TO: AG PRESS, Box 1009, Manhattan, Kansas 66505**

**FAX: 785-539-2679**

**ONLINE: www.grassandgrain.com**



**CATTLE**

**ANGUS BULLS**  
Yearling to 2 year olds  
Performance Data Available  
Good Maternal Traits  
Fertility Tested  
Continuously raising Angus cattle for 67 years.

**Vering Angus**  
Greg Vering  
Marysville, KS  
785-562-71674 Cell  
785-562-3988 Home

**ANGUS & SIMMENTAL-ANGUS BULLS**

**Huninghake Angus**  
FRANKFORT, KS  
Leo Huninghake  
785-292-4537  
Cell: 785-556-2648

**ANGUS FALL BULLS**  
75 head to Select From  
Plus 8 Sim-Angus Bulls  
20 coming 2-year old bulls  
This is a stout set of artificially sired bulls, with over 20 years of artificially breeding.  
Semen checked, ready to go

**Nelson Angus**  
Raymond & Alan & Mike  
Nelson  
Riley, KS  
785-485-2378  
Alan's Cell: 785-770-7054  
Mike's Cell: 785-565-8477

**CATTLE**

**BJ Angus Genetics**  
17th Annual Sale  
**March 8, 2018**  
\*\*\*\*\*  
John or Bonnie Slocombe  
Manhattan, KS  
785-532-9777  
www.bj Angus.com

**GRAHAM SCHOOL**  
Graham School for cattlemen and women. We specialize in teaching pregnancy check, artificial insemination, herd health, calf delivery and many other subjects.

**DATES FOR 2017**  
August 14-18  
No September Classes!  
October 9-13  
November 13-17  
December 11-15



For more information, call or write:  
Dept. GG, Graham School  
641 West Hwy. 31  
Garnett, KS 66032  
785-448-3119  
www.grahamschoolforcattlemen.com

**POLLED HEREFORD BULLS**  
Calving ease, good growth and disposition  
Semen tested, poured, vaccinated  
Delivery available  
785-865-3444  
**Flory**  
Polled Herefords

**CATTLE**

**SPRINGHILL HEREFORDS**  
Home of the Round Barn  
**FOR SALE PRIVATE TREATY Yearling Bulls**  
Calving Ease • Performance  
Efficient • Docile

Dave Stump  
Blue Rapids, KS  
785-556-0124  
Visit us at  
SpringhillHerefords.com  
A Gold TPR Breeder

**BUSS ANGUS**  
Angus Bulls  
14 to 20 Months Old  
**Featured Sires:**  
Thunder  
Consensus 7229  
Angus Valley  
Pioneer  
Wisdom  
Thunderbird  
Net Worth  
Image Maker  
**SEVERAL SETS OF FULL BROTHERS**

**GARY BUSS**  
Leonardville, Kansas  
785-293-4444 • 785-410-3006

**DD ANGUS**  
SENECA, KS  
Private Treaty  
18 Month Angus Bulls  
AI Sired  
Registered  
Calving Ease  
Gentle Disposition  
P.I. Negative  
David J. & Doris,  
Dustin & Daren Ronnebaum  
785-294-1511

**CATTLE**

**HEREFORD BULLS**  
Good bulls with balanced EPD's, practical development, good disposition & eye appeal.

**Oleen Cattle Co.**  
Falun, KS  
GLENN CHUCK  
785-668-2368 785-668-2454

**Rinkes Cattle Co.**  
**Registered Angus Bulls**  
15-20 month old  
Sired by Connealy Consensus, Mohen Long Distance, Basin Excitement, Connealy In Focus 4925, SAV Final Answer 0035.  
150K enhanced EPD's, Performance Tested, Fertility Tested. Free Delivery. Guaranteed Sight Unseen Purchases. Excellent Disposition. **Priced to sell!**  
Holton, KS  
785-845-5272 or  
785-817-2328  
www.rinkescattle.com  
rinkescattle@gmail.com

**POLLED HEREFORD BULLS**  
Bred for Complete Performance  
• Growth  
• Muscle  
• Maternal  
• Disposition  
**Fertility Tested and Guaranteed**  
**DETTKE FARMS**  
Call:  
ANDY DETTKE  
Marysville, KS  
785-268-0423  
785-562-6257 Brian

**CATTLE**

**Angus, Red Angus & Charolais Bulls For Sale**  
• Over 250 18 month old & Spring yearling bulls available  
• **Your Private Treaty Headquarters.** Over 20 years experience in Private Treaty & Sight-Unseen Sales. You won't be choosing from bulls that "didn't make the sale" or were "caught" in the auction.  
• Our goal is to get the right bull to the right herd every time.  
• See our display ad in this issue.  
• Videos, data, and catalog available on our website  
**It's time to come home to...**

**HARMS PLAINVIEW RANCH**  
Mark & Kim Harms  
2528 250th Street  
Lincolnton, KS 66858  
Email: hprbulls@tctelco.net  
www.HARMSRANCH.com  
**620-924-5544**  
**Mark Cell: 620-382-6388**  
**Kim's Cell: 620-382-5373**

**TO PLACE YOUR AD CALL 785-539-7558**

**H-F RED ANGUS**  
Two 2 year old registered red Angus Harms Plainview performance bulls.  
**HFR Epic**  
**HFR Anticipation**  
Brian 785-479-6048,  
Daryl 785-479-0536

**CATTLE**

**Bull & Female Sale SAT., MARCH 10 2018**  
**MILL BRAE RANCH**  
Mark Nikkel, Managing Partner  
Maple Hill, Kansas  
**785-256-4327**  
millbraeranch.com

**SWINE**

**HARMS HAMP**  
**TOP QUALITY HAMP BOARS AVAILABLE YEAR AROUND**  
**GALEN & ROBERTA HARMS**  
Whitewater, KS 316-799-2382

**BOARS & GILTS**  
Duroc, Chester, York, Hamp, & Hamp/Duroc  
**SLEICHTER DUROC FARM**  
ABILENE, KS  
785-263-1898 785-479-6694

**SWINE EQUIPMENT**  
Buildings — Ventilation  
Flooring — Feeders  
Waterers — Heaters  
Crates — Nursery Equip.  
**K & N Swine Systems**  
RICK HENRY  
785-336-2130  
SENECA, KANSAS

# GRASS & GRAIN DIRECTORY

AUCTIONEERS



**ARMSBID.COM**  
Kull's Old Town Station invites consignments for our Spring, Summer & Fall Auctions. If you have 1 or 1,000, we'd like to talk to you.  
*We will also buy collections or individual guns.*  
Dan@ArmsBid.com or  
**785-862-8800 • 800-466-5516**  
Topeka, Kansas

**GANNON REAL ESTATE & AUCTIONS**  
VERN GANNON, CAI  
Broker/Auctioneer  
Manhattan, Kansas 66502  
785-539-2316  
785-537-9003  
www.gannonauctions.com  
The Experienced Sound In Selling

**GAVEL ROADS ONLINE AUCTIONS**  
**GAVEL ROADS IS THE PLACE TO GO TO BUY AND SELL EQUIPMENT.**  
**316.425.7732**  
**www.gavelroads.com**  
**READY ... SET ... SOLD!**

**purple wave auction®**  
**BUY & SELL**  
Ag Equipment  
Const. Equipment  
& Vehicles  
**1.866.608.9283**  
**purplewave.com**

**JEFF RUCKERT,**  
OWNER/  
BROKER/AUCTIONEER  
2708 Amherst Ave  
Manhattan, KS  
**785-565-8293**  
www.ruckertauctions.com

**RUCKERT REALTY & AUCTION**  
Homes, Farms, Ranches, Land, Auctions & Recreational Property

**STEVE MURRAY**  
Broker/Auctioneer  
MURRAY AUCTION & REALTY  
Real Estate - Farm - Household  
785-556-4354  
murrayrealtyandauction@yahoo.com  
www.murrayauctionandrealty.com

**GENE FRANCIS & ASSOCIATES**  
REAL ESTATE BROKERS & AUCTIONEERS  
Serving all 105 Kansas counties with more than 30 years of experience.  
Offices located in Wichita, Manhattan & Anthony.  
Call us today at 316.524.8345  
**www.genefrancis.com**  
*A bid above the rest!*

**D. ROCHE FENCING INC.**  
QUALITY BUILT FENCES  
DON ROCHE  
785-292-4271  
FRANKFORT, KS

Blue Valley Drilling, Inc.  
Water Well Drilling & Service  
Family Business Over 70 Years!  
CONTACT ERIC STRADER  
785-363-7353

**HALDEMAN WELL DRILLING & PUMP SERVICE**  
WELL DRILLING  
COMPLETE PUMP SERVICE  
SOLAR PUMPS  
MANHATTAN, KS  
Day or Night  
785-539-9295

Custom Manure Hauling & Spreading  
*Big to Small Jobs!*  
**Chore-Boyz Services**  
**913-636-1099**

**HOOVER TARP SALES**  
Abilene, KS  
Toll Free 1-800-536-2348  
"DON'T GO TARPLESS"  
www.hovertarpsales.com  
**GENUINE SHUR-LOK NOTHING LESS!**  
FAX 785-598-2282

**HIGH PLAINS POWER SYSTEMS LLC**  
785-250-3730  
Supplier of New, Used & Surplus  
**Power Generation**  
PORTABLE, STATIONARY & INDUSTRIAL ENGINES  
Natural Gas & Diesel  
Offering Parts Sales & Service  
email: kscatdaddy@gmail.com

**YOUR AD COULD BE HERE!**  
**GRASS & GRAIN**  
**785-539-7558**

## POULTRY

### Poultry and Small Animal Auction

Fairgrounds, Clay Center, KS

**Aug. 19, 2017**  
**Oct. 28, 2017**  
Consigned for August:  
2 large capacity 500-1000 egg incubators, dog pens.

**SALES CASH ONLY**  
15% commission  
Check in begins at 7:00 a.m.  
Auction begins at 12:00 p.m.  
Gate fee: \$1.00 per person  
Fee for no sale over \$50 commission on the bid.  
Birds must be blood tested-  
ON SITE TESTING NOT AVAILABLE AT LEAST FOR MARCH.  
Bid is per animal in the cage.  
Cages sell with animals  
No boxes except for chicks.  
**785-410-0054 or 785-485-2845**  
**Facebook Feathers, Fluff & Stuff**

## LIVESTOCK OTHER

LOST NORTH OF MARION:  
750 pound black Simmental heifer. 785-479-3770

**LIVESTOCK EQUIPMENT**

- 4.5" Pipe \$4.00
- 2 7/8" Pipe \$1.90
- 2 3/8" Pipe \$0.95
- 1 1/4" Pipe \$0.45

WILL DELIVER  
POST CUT TO ORDER  
Quantity Discount  
**Ray's Pipe**  
Council Grove, Kansas  
620-767-2907

**RAWHIDE**  
Portable Corral 785-263-3436  
Introducing our New Rawhide Processor by John McDonald  
Used Rawhides for sale also  
www.rawhideportablecorral.com

Truck tire sides for silage pile cover weights.  
endurobrandlivesock.com  
Rossville, KS.  
**785-231-8397**

**HOLD 'EM Fence Company**-barbed wire, welded continuous fence, pipe, custom tubs, gates, alleyways. Cell 785-313-4552, http://www.holdemfence.com/

**TaskMaster**  
Making tough jobs easier  
**Luco Mfg. Co**

- HYDRAULIC CHUTES
- WORKING CIRCLES
- CAKE FEEDERS
- CONTINUOUS FENCING
- PANELS & GATES

See us at [www.lucoinc.com](http://www.lucoinc.com)  
Or call toll free:  
**1-888-816-6707**  
PO Box 385  
Strong City, KS 66869

**GoBob**  
Pipe & Steel Sales  
THE ORIGINAL

Hay Conservor Feeder  
The only 1 that is tested and Proven. The only 1 with an Unconditional Guarantee  
**1-855-880-7964**  
[gobobks.com](http://gobobks.com)

## LIVESTOCK EQUIPMENT

**HAY HANDLING EQUIPMENT:**  
Grab the Hay Accumulator & Grapple and one man can clear an entire field in a fraction of the time! Use the Big Hoss Hay Spear to cut your hauling and feeding time in half;  
**buy one now to get a FREE HAY FEEDER!**  
For a limited time!  
**855-880-7964**  
[GoBobKS.com](http://GoBobKS.com)

## FEED & SEED

**BIG SQUARE PRAIRIE HAY**, 3X3. Carbondale. Dennis 785-249-3303.

**Cattle & Hog Feed WHEAT MIDDINGS**  
Pelletized, crude protein not less than 14.5%. Call for pricing.  
**WESTERN STAR MILL**  
Division of ADM - Salina, KS  
1-800-649-1541 (Kansas)

**DAMAGED GRAIN WANTED STATEWIDE**  
We buy damaged grain, any condition-wet or dry-including damaged silo corn.  
**TOP DOLLAR!**  
We have vacs and trucks.  
**CALL HEIDI OR GARTON NORTHERN AG SERVICE, INC.**  
800-205-5751

**FEYH FARM SEED CO**  
Alma, Kansas  
Native Grass Seed  
Wildflowers  
Smooth Brome Grass  
Erosion Control Products  
Cover Crop Seed  
**866-765-3415**  
nativeseed@feyhfarmseed.com  
[www.FeyhFarmSeed.com](http://www.FeyhFarmSeed.com)

**FOR SALE: ELBON RYE seed**, 95% germ, this year's seed, 7.00 bin run, 8.00 cleaned. Delivery available. 918-504-5188

**QUALITY SEED... EVERY TIME!**  
**STAR SEED INC.**  
CALL TODAY FOR OUR FALL PRODUCT LINEUP!  
**ALFALA • WHEAT • COVER CROPS**  
**1-800-782-7311**  
[www.gostarseed.com](http://www.gostarseed.com)

**RD BALES PRAIRIE HAY**, 1200lbs. \$35. 785-826-0828.

**TRITICALE SEED. \$6.99/bushel**, excellent quality, 59 test weight, 98% germination. Call Brock Baker, 316-249-1907

**WANTED DAMAGED GRAIN**  
We pay top dollar for damaged grain. Trucks and vac's available. Immediate response anywhere.  
**Pruess Elevator, Inc**  
**1-800-828-6642**

## AUTOMOTIVE

**MIDWAY MOTORS SUPERCENTER**  
McPherson, KS  
Hutchinson, Kansas  
Hillsboro, Kansas  
2016 Chevy Silverado 2500 LTZ crew, 4x4, diesel, auto, loaded, one owner. 21k mi.  
2012 Chevy 2500 LTZ, ext. cab, 4x4, 6.0 gas, auto, loaded, 38k mi.  
2012 Ford F-150 crew 4x4 RAPTOR, 6.2 V-8, auto, loaded, 32k mi.  
2010 Ford F-250 s/c, XLTL, 4x4 6.2 gas, manual, nice, 81k mi  
2015 GMC Sierra 2500 HD, 6.0 V-8 SLE double cab 4x4, loaded, nice, 26k mi.  
2014 Ram 3500 Laramie crew, 4x4, diesel, auto, loaded, like new, 52k mi.  
**Ask for Kris Hanschu khanschu@midwaymotors.com**  
**620-755-2824**

## AUTOMOTIVE

**PROJECT OR PARTS CAR!!**  
2001 Burgundy Sebring convertible, automatic, has radio & cassette player. Tires in great condition, brand new battery. Needs engine repairs but worked fine otherwise. Selling as is, \$800 OBO. Buyer responsible for removal. Riley, KS. 785-307-9190, leave a message.

**Chuck Henry Sales**  
Trucks - Trailers Containers  
Solomon, KS  
785-655-9430  
[www.chuckhenry.com](http://www.chuckhenry.com)

2008 Ford F350, diesel, with Kelly Ryan 5 x 10 feed wagon with scales. \$33,500  
Several Daycabs available  
Feed Mixers and Manure Spreaders  
Kuhn Knight, new & used  
Belleville, KS  
**800-536-2293**

**B. C. Motors**  
902 E. Trapp  
Herington, KS 67449  
785-258-2818

LET THE CLASSIFIEDS WORK FOR YOU  
PLACE YOUR AD TODAY  
**GRASS & GRAIN 785-539-7558**

## REAL ESTATE

**200 ACRES M/L MORRIS** County (Council Grove) Pasture for sale. Brome and Native Grass, great fences, water. East out of Council Grove on 56 Hwy approx 4 miles to 300 Rd, then South 1 1/4 mile. The 200 acres are east of 300 Rd and North of V Ave. Legal Description: SW 1/4 and the SW 1/4 of the NW 1/4 of 23-16-9 Morris County. \$360,000. Rob Taylor. 785-761-6200.

## REAL ESTATE

**RURAL AMERICAN REALTY LLC**  
Company Ph: - 785-260-0209  
[www.ruralamericanrealty.com](http://www.ruralamericanrealty.com)  
1,172 acres +/- Trego Co., KS, 848 crop 324 grass, all contiguous, close to I-70 and Markets Family Farm. Being sold as one plot.  
**785-656-2756**  
**Emery Jennings**

## FARM & RANCH

**Land For Sale**  
**Coronado Heights-** Saline Co.: 34 Acres m/l. Building Site in Smoky Valley School District. All native grass and some trees. Chris 493-2476

**Homes For Sale**  
**Saline Co.:** Southeast of Saline. 2.97 Acres m/l. Nice Setting. Detached Garage with workshop. Nancy 822-1960  
**Saline Co.:** 8.641 Acres m/l. Updated Ranch Home. New Outbuilding on concrete. RV Parking. Mark 826-3437  
**Saline Co.:** 5 Acres m/l. Home Built in 2005. Over 2000 Sq. Ft. 3 Car Garage & 24x30 Detached Garage. Laura 822-2438  
**Ottawa Co.:** 4.6 Acres m/l. Updated 2 Story Home. 5 Bdrms. 1 Car Garage. Vicki 452-8177

**Saline Co.:** 5 Acres m/l. Country Home w/2400+ Sq. Ft. Plus Finished Basement. 24X45 Building on concrete floor and RV hook up parking. Amber 820-7472  
**Saline Co.:** Almost 1 Acre. 3 Bdrm Home w/Walk Out Basement. Updated AC. Amber 820-7472  
**Saline Co.:** Almost 2 Acres. Manufactured Home. 2 Bdrms with Full Basement. 2 Car Garage. Mari 452-5314  
**Saline Co.:** 10 Acres m/l. Southeast of Saline. Lots of quality outbuildings. 1 1/2 Story Home. Steve 342-9138  
**Saline Co.:** 5 Acres m/l. High Quality Newer Home with 5 Bedrooms. 3 Car Garage. Close to Stocked Pond. Amber 820-7472  
**Farm & Ranch Division Of:**

**COLDWELL BANKER**  
**Antrim-Piper Wenger Realtors®**  
631 E Crawford Salina KS  
[www.cbsalina.com](http://www.cbsalina.com)  
1-800-276-3641  
© 2008 Coldwell Banker Real Estate LLC. All Rights Reserved. Coldwell Banker® is a registered trademark licensed to Coldwell Banker Real Estate LLC. An Equal Opportunity Company. Equal Housing Opportunity.

**HORIZON**

### FARM & RANCH REALTY, LLC

For more info visit our website or contact one of our agents!  
**1-888-825-1199**  
**www.horizonfarmranch.com**

**AG LAND**

- \* 1081 K-41 Hwy. Offering home w/up to 115 acres tillable @ Delphos. Call Brad!
- NEW LISTING! \* Pasture/tillable combo just NW of Talmage on 18 Hwy.
- \* 160 Ac +/- On Chapman Creek. Productive tillable, trophy Whitetail & turkey.
- PRICE REDUCED \* 80 Ac +/- S of Woodbine. Tillable/pasture combo with 2 stocked ponds. Call Brad!
- \* 90 Ac +/- Tillable/pasture combo at the Hedville exit on I-70.
- \* 24 Ac +/- Bldg. site just off Pawnee Rd. and I-135 N of McPherson! Call Lucas!
- \* - Owner will Finance - 320 Ac +/- Pasture E of Bennington, good grass, fence & hunting.
- \* - Owner will Finance - 300 Ac +/- Mostly tillable on the Solomon River just SE of Bennington. Call Ray!
- \* 240 Ac +/- Geary Co. blacktop frontage 190 pasture w/new fences. 3 big springs and 2 new wells. 45 tillable. Close to town. Seller is a Kansas licensed real estate agent. Call Ray!
- \* 120 Ac +/- On Burma Rd. just N. of Lindsborg. Call Ray!
- \* 366 Ac +/- Farm w/irrigated river bottom tillable at Lindsborg. Not another one like it! Call Brad!
- \* 160 Ac +/- w/2000 hd feedyard, set up right and ready to sell. Lindsborg.
- \* 160 Ac +/- Upland irrigated tillable @ Lindsborg. Call Brad!
- \* Nice country home on 10 Ac +/- @ Lindsborg! Call Brad!

\*Auctions \*Private Treaty Sales \*Value Assessments  
For more info visit our website or contact one of our agents!

Ray Swearingen Broker/Owner.....785.452.8498

Lucas Hamm .....	785.366.3580	Brad Budden .....	785.280.0915
Calvin Carlson .....	785.819.1480	Rachelle Swearingen .....	785.452.5115
Ty Bryant .....	785.366.0261	Billy Randle .....	785.479.1152
		Sheila Van Winkle .....	785.280.3564

**Don't Delay!**

You don't want to miss an advertising opportunity!  
**Get your ads for Grass & Grain in on time!**  
Advertising Deadlines are as follows:  
Color ads: Wednesday by Noon  
Classified Liner & Display ads: Friday by 10 a.m.  
All other Display ads: Friday by Noon



**REAL ESTATE**

**FOR RENT**  
**OAKHILL ESTATES**  
**LUXURY**  
**1 & 2 BDRM APTS.**  
Private Balconies and Patios  
Woodburning Fireplace  
Ceiling Fans  
Gas Heat/AC  
Exclusive area in Wamego  
1-888-537-9064

**FOR SALE: 3 BEDROOM/2**  
bath home with full basement  
and deck. 50 X 75 ft metal build-  
ing with shop. 63 acres grass  
with pond. Located at Barnes,  
KS. Call 785-763-4574.

**RILEY COUNTY**  
Attractive 4 bdrm 3 bath 3 car  
garage home on 8+ acres  
fenced. 16x36 bldg. with 2  
stalls, tack room and storage.  
Close to Manhattan, Riley Co.  
Schools. \$348,000  
**Deep Creek Area**  
Landed bedroom 3 bath  
farm home. Full finished  
walk out basement. Over 1/2  
2 car garage, large lot.  
\$239,900  
**SOLD**  
Call Dolly Anderson, Broker  
**G&A REAL ESTATE, INC.**  
**785-532-8801**  
Manhattan, Kansas  
dollyanderson.com

**PROPERTY FOR SALE IN**  
Shawnee County. By owner. 3  
acres, with 450' of frontage on I-  
70. 3 bedroom home and a sepa-  
rate 6,500 sq. ft. building. Located  
on I-70 5 miles west of  
Wanamaker at 11110 SW US  
HWY 40, all zoned commercial.  
Large building is plumbed and  
wired with a bathroom. Air con-  
ditioned and heated. Please call  
785-383-8119. Photos available  
on request.

**RENO COUNTY QUARTER OF**  
land in CRP, \$300,000. 80  
acres, CRP, \$150,000. Pretty  
Prairie-Castleton area. Possible  
owner finance. 620-664-4628.

**- FOR SALE -**  
Northeast of Manhattan, 154  
acres of clean mostly native  
pastureland with 5 ponds,  
utilities & rural water across  
road. Good view. Building site  
potential.  
Please call Cline Realty &  
Auction, LLC  
John E. Cline, 785-889-4775

**TRAILERS**

**1996 KENWORTH T600 RED**  
top Cummins, \$15,000. 2000  
Transcraft flatbed, 48', \$2,800.  
785-336-1539

**BOB'S**  
**TRAILER SALES**  
**Pomona, Kansas**  
**785-418-2227**  
www.bobstrailersales.com  
Circle-D, Elite, Travalum,  
Travalong

**B&W Hitches**  
**Turnover ball: \$495**  
**Free Installation!**  
•2017 Circle D Stock Trailer,  
24'x6 8.....\$8,700  
•2017 Circle D Stock Trailer,  
20'.....\$7,850  
•2017 Travalum 24x6  
8.....\$14,500  
•2017 Elite 30' 10k axles  
Gooseneck flatbed ..... \$7,500  
•2017 Elite 25', 2-7k axles  
Gooseneck flatbed .....\$5,400  
•2017 Elite 25' 10k axles  
Gooseneck flatbed .....\$6,950  
•2017 Elite 32' 10k axles  
Gooseneck flatbed .....\$7,800  
**USED TRAILERS**  
• 2011 skid loader trailer, 16'  
w/2' dove tail, stand up ramps,  
7k axles, super clean trailer  
.....\$2,500

**Buy A Hay Trailer,**  
**GET A FREE HAY**  
**CONSERVER!**  
Only for a  
**LIMITED TIME!**  
**855-880-7964**  
**GoBobKS.com**

**TRAILERS**

**CIRCLE D**  
**LIVESTOCK & HORSE**  
**TRAILERS**  
**FLATBED TRAILERS**  
• 1-800-526-0939 •  
www.circle-dtrailers.com



**Wilson**  
**TRAILER**  
SINCE 1990... A Great Name In Horse Related Trade

**NEW STOCK, HORSE,**  
**FLATBED, &**  
**UTILITY TRAILERS**

Trailer Repair Brakes,  
lights, sand blast,  
paint weld

**We Install Brake Controllers**

**USED TRAILERS**  
'05 Titan 31' GN flatbed  
.....\$5,500  
'87 Travalong 20' GN stock  
.....\$900  
'00 Moore 40' GN race/car  
hauler .....\$5,000  
Homebuilt 14' BH utility .....\$400  
'16 Titan fuel trailer, tank incl.  
.....\$3,500

**Blue Valley Trailers**  
225 South East St.  
Waterville, Kansas 66548  
**785-363-2224**  
**1-866-368-4826**



**Elite Aluminum Stock**  
**Trailers**  
**Titan — Sharp**  
*Your Trailer Super Store!*  
**Mid-Plains**  
**Equipment**  
E. Hwy 30 & 10, PO Box 2526  
Kearney, NE 68848  
Delivery Available  
**308-237-5810**  
www.midplainsonline.com

**Trailers 4 U**  
**785-292-4166**  
Frankfort, KS  
**MERRITT TRAVALONG**  
www.trailers4u.com

**TRAVALONG TRAILERS**  
New steel & alum. stock  
New 20' to 31' flatbed  
Used GN stock and horse  
skid steer and car hauler  
**VISSER TRAILER SALES**  
Herington, KS • 785-258-2800

**DONAHUE**  
When There's Work To Do...



**DONAHUE!**  
**1-800-457-7406**  
www.donahuetrailers.com



**Your Local Dealer for:**  
**TravAlong, P.J, Hillsboro,**  
**Sharp, Titan West, Hayliner,**  
**and Bradford Built.**

**Call to Lease**  
**or Purchase Grain**  
**Trailers for Harvest**

**Rocking "M"**  
**Trailer Sales**  
430 S. Colorado  
Waterville, KS 66548  
Office: 1-866-261-2526  
Shawn: 785-562-6614  
Kelsie: 785-313-3233  
www.rockingmtrailers.com

**MACHINERY**

**1998 IHC 4900 TWIN SCREW**  
truck with new 20' bed. Grain-O-  
Vator 30 auger wagon. 785-207-  
0610.

**MACHINERY**

**1570 CASE TRACTOR** w/duals,  
good, \$5,500. Also, 8250 Hagie  
sprayer, 60' booms, 6 cylinder  
Cummins, 4x4 w/GPS. \$8,500.  
785-418-5746

**1979 2200 IHC TWIN SCREW**  
diesel truck, 20' wood bed and  
hoist, \$2000. 1991 T600 Ken-  
worth CAT motor, \$4500.  
FARGO dump box, \$1000.  
Balzer 10'x16' stationary silage  
box, \$300. 913-426-2941.

**1997 HAGIE 284 SPRAYER.**  
60' booms, Raven 460, foam  
marker, 4,000 hours. 800 gal.,  
good tires, service records.  
\$22,500. 785-979-2411

**1997 JD 9500 CHOPPER,**  
Mauer extensions, 24.5x32, only  
1718 actual separator hours,  
rare find. 2450 engine, very  
nice. \$49,900. 1997 JD 920 flex,  
\$5,500. 2003 JD 9550 walker,  
chopper, 24.5x32, GreenStar,  
2185 separator, 3006 engine,  
Mauer extensions, single point,  
very nice. \$52,500. 2004 JD 622  
hydro flex, nice. \$13,500. Two of  
the nicest combines you will  
find. 785-466-6019

**2012 MACDON M205 SELF**  
propelled swather with DWA.  
Has new cutter bar with paper-  
work. Field ready. 913-620-  
6878.

**20FT CHISEL PLOW WITH** har-  
row attachment. 785-826-3190.  
Leave message.

**30- Gleaner heads**

Corn, Flex, Rigid.  
Majority reconditioned  
86 L3 Chopper,  
Header Trailers for sale.  
**Custom Harvesting Wanted**  
**Corn, Milo, Soybeans, etc**  
**Duffek Implement**  
**& Harvesting**  
**Seward, NE**  
**402-643-3290**

**AC D17 GAS TRACTOR,**  
\$4,000. JD 3010, gas, cab, JD  
loader, bale spear, bucket, pal-  
let forks, \$7,500. 4020 JD dies-  
el, Westendorf 26 loader, PS  
tranny, \$16,000. All have good  
rubber and tin. 913-796-6346.

**SALVAGING COMBINES**  
N5, N7, L, L2, M, F, G, C, CII,  
All, A&E, K Gleaner. 6620,  
7720, 8820, 7700, 6600, 4400,  
3300, 105, 95, 55, JD 915,  
1480, 1460, 1420, 815 IHC.  
860, 760, 750, 510, 410, 300  
Massey. Several black and or-  
ange Gleaner cornheads.

**Jack Boyle**  
Vermillion  
785-382-6848 785-564-0511

**— ITEMS FOR SALE —**  
**LARGEST SELECTION OF**  
**CULTIVATORS IN KANSAS!**  
**GIVE US A CALL!**

JD 7330 tractor w/lr 4WD .....  
.....\$53,000  
JD 6150M tractor 4WD ..\$61,000  
CIH 1660 combine .....\$12,000  
2010 JD 635D draperhead .....  
.....\$20,000  
JD 920 rigid head .....\$4,000  
2000 JD 930R Rigid Head .....  
.....\$8,500  
JD 930 flexhead ..... CALL  
1990 JD 853A rowhead ..\$14,000  
JD 853A Row head .....\$10,000  
JD 643 Corn head 6r .....\$3,000  
JD 608C cornhead 8R30...CALL  
JD 612C cornhead 12R30.....  
.....COMING IN  
2007 CIH 2412 cornhead 12R30  
.....\$14,500  
2008 NH 98C cornhead 8R30....  
.....CALL  
JD 220 flexhead .....\$1,500  
JD 925 flexhead ..... CALL  
Dakon gravity wagon .....\$1,250  
NH bale wagon .....\$2,000  
2014 New Holland 240 swather .  
.....\$85,000  
JD 705 hayrake .....\$5,500  
Vermeer R2300 hyd. rake .....  
.....\$11,500  
2009 JD 568 Rd. baler.....\$18,000  
CIH RB564 rd. baler, 14,000  
bales .....\$10,000

**MACHINERY**

**Case & IH**  
**Tractor Salvage**  
Case 300's thru 2096  
IH 460's thru 5488  
Over 1000 Tractors on shelf  
New & Rebuilt parts for all  
brands of tractors & combines

Want to buy  
Case & IH salvage tractors

**Elmer's Repair**  
**CENTRALIA, KS**  
**785-857-3248**  
www.elmersrepair.com

**CLAAS**  
**USED FORAGE**  
**HARVESTERS & HEADS**  
'11 Claas 960 .....Coming  
'10 Claas 980 .....Coming  
'09 Claas 980  
'05 Claas 900 .....Call  
'04 Claas 900 .....Call  
Claas RU600, 8 row head  
.....From \$30,000

**TRACTORS**  
2012 Case 315.....\$190,000  
Agco Star 8360.....\$45,000

**COMBINES**  
0% For 5 years on all 62 & 72  
Series combines  
'13 Gleaner S67  
'12 Gleaner S77  
'12 Gleaner S67  
'11 Gleaner S67  
(2) '10 Gleaner R76  
'05 Gleaner R75.....\$120,000  
'02 Gleaner R72.....\$85,000  
'99 Gleaner R72.....\$75,000  
'95 Gleaner R72  
'98 Gleaner R62.....\$67,500  
(2) '97 Gleaner R62 .....\$45,000  
'94 Gleaner R62.....\$40,000  
'13 3000 12R30.....\$55,000  
'11 3000 12R30.....\$50,000

**MISCELLANEOUS**  
Sunflower Tillage equipment  
.....Coming in daily

**ALLIS**  
**WHITE**  
**HESSTON**  
**MASSEY FERGUSON**  
**Kalvesta Impl.**  
**Company, Inc.**  
620-855-3567  
KALVESTA, KS 67856  
www.kalvestaimplement.com

**Gleaner Combines**  
Baker 24' disc.....\$12,500  
'04 R75 RWA.....\$59,500  
'01 R62.....\$54,500  
'99 R62.....\$41,500  
EZ Trail Gravity Wagons,  
Grain Carts, and Header  
Trailers.

**Great Plains Tillage Tools**  
**81 Farm Eq. Service**  
McPherson, KS 620-241-3100  
**1-800-357-3101**

Haybuster 2620 bale processor .  
.....\$11,500  
Knight 5144 vertical mixer .CALL  
1995 Meyer Chuckwagon.....  
.....\$7,000  
Kelly Ryan feed wagon 4x10.....  
.....\$2,000  
JD 630 disc .....\$6,500  
Anhydrous Knife machine Flex-  
King .....\$15,000  
Lilliston cultivator 8R .....\$4,500  
JD 885 cultivator 3pt 8r30..CALL  
Blu Jet Ripper pull-type 7 sk.....  
.....\$9,000  
CIH disc chisel .....\$5,000  
JD 1770 planter 8R30.....\$10,000  
GP3 S-3000 drill.....\$16,000  
JD 455 drill, 7.5 spacing ....CALL  
Wemco header trailer 32 & 35 ft.  
NEW .....CALL  
Several Cultivators in stock CALL

**Complete listing on our web:**  
**www.jonesmachineryinc.com**  
**BUY/SELL/TRADE DAILY**  
Smith Center, KS  
**785-282-3000**  
785-282-0432 Cell  
785-686-4005  
Evening Calls Welcome



**MACHINERY**

**COMBINES**  
2007 Case IH 7010, 4WD  
2003 Case IH 2388 4WD  
2007 CASE IH 2020 flex, 30',  
35'  
2005 CASE IH 2208 8RN  
1986 Case IH 1063 6RN  
**NEW TRACTORS**  
Case IH Maxxum 115 MFD  
Case IH Maxxum 125 MFD  
Case IH Farmall 120C MFD  
**USED TRACTORS**  
1996 JD 5500, MFD, cab, ldr  
2013 Case IH Maxxum 125  
MC  
2007 NH TC45 DA w/cab, ldr  
1988 Case IH 885 MFD cab,  
ldr  
1977 IH 1586 OTT  
**MISCELLANEOUS**  
2006 Case 450SSL w/AC  
2014 Case SV250 SSL, AC  
1994 JD 435 baler  
2011 Case IH RB455 A baler,  
net  
2015 Case IH DC102 Moco  
2010 Case IH 330 Turbo, 31'  
2014 Kinze 3500 8/15  
1994 Case IH 8465, twine  
Landpride RB 55120 10' blade  
GP 2SF24 Drill  
1999 GP 1005NT drill  
Westendorf TA26 loader

**CASE IH**  
**AGRICULTURE**  
**McConnell Machinery**  
1111 E. 23rd Lawrence, KS  
**785-843-2676**  
or  
3313 Nebraska Terr. Ottawa, KS  
**785-242-1463**  
Evenings  
**785-979-2271**  
www.mcconnellmachineryco.com

**FARMALL 460 GAS, NF, DUAL**  
hydraulics, fast hitch. \$1,500.  
785-456-5003.

**For Sale**

6-7 Cu. yd. Adams – GRS  
Hyd. Scraper, new cylin-  
ders & hoses, good tires,  
excellent condition.  
**GRS Bulldozing**  
**785-535-2581**  
**785-458-2782**

**FOR SALE OR TRADE**

Gravity Wagons  
New Holland 258 rakes: 1  
ground driven, \$1,575; 1 hy-  
draulic driven, \$3,650  
**Cooter's**  
785-562-2027  
785-562-6131

**FOR SALE: DEMCO 850 2010**  
grain cart. 30.5x32 Firestone  
tires with scales and tarp. Excel-  
lent condition, new augers,  
\$27,500. 918-504-5188, no soli-  
citation.

**JD SILAGE CUTTER, 3960 3**  
row head, \$4,000. 3800 JD cut-  
ter, \$800. 785-336-1539

**— PLANTERS/DRILLS —**  
'01 SF 9433 40' LF .....\$29,500  
'03 GP 30' drill .....\$27,500  
'08 JD 1770NT 24/30...\$59,500  
'10 JD 1790 16/31 .....\$89,500  
'15 JD 1775 ExactEmerge  
16R30.....\$167,500  
'15 Kinze 4900 16R30.\$84,500  
'14 Kinze 16/31 CCS ..\$84,500  
'14 Kinze 12/23.....\$89,500  
'08 Kinze 16/31 .....\$56,500  
**— COMBINES —**  
'13 JD S670 .....\$219,500  
'12 JD S670 4WD .....\$169,500  
'15 JD S660 Hillco .....\$304,500  
'13 JD S660 .....\$209,500  
'12 JD S660 .....\$184,500  
'12 JD S660 .....\$199,500  
'10 JD 9870 .....\$149,500  
'08 JD 9770 .....\$119,500  
'06 JD 9560 .....\$89,500  
'90 JD 9400 .....\$35,000  
'12 CIH 7130.....\$189,500  
32 corn heads  
24 flex heads  
**— SPRAYERS & APPL. —**  
'14 JD 4030 100'.....\$184,500  
'15 JD 4030 100'.....\$217,500  
'13 JD 4730 100'.....\$124,500  
'08 JD 4730 100'.....\$87,500  
'13 4630.....\$129,500  
'11 JD 4630 .....\$94,500  
'10 JD 4630 .....\$115,000  
'02 Willmar .....\$43,500  
'09 Spray Coupe 4460\$59,500  
'13 Apache AS720.....\$149,500  
'08 CIH 4520.....\$115,000  
'04 Peterbilt floater.....\$59,500

**MACHINERY**

**Guaranteed Used Truck**  
Tires, most sizes.  
**GeeTire.com**  
**Rossville, KS.**  
**785-231-8397**

**JD 3970 CHOPPER WITH 3**  
row head. Shedded, excellent  
condition. Richardton dump box,  
excellent condition. 785-364-  
7707

**JD CORN HEADS. 1- 1998 JD**  
693, new hydraulic deck plates,  
great rolls, sprockets, chains  
and polys. CM. \$12,500. 2-  
1996 JD 893's, 1 hydraulic deck  
plates, \$12,500-\$14,500, both  
nice heads. 1- 2005 JD 1293.  
Hydraulic deck plates, good  
rolls, chains and poly. Single  
point and header height.  
\$17,900. Also have 3- 643's and  
4- 843's. Priced to sell. 785-466-  
6019.

**NEURO MODEL 675 vacuator.**  
785-857-3544. Leave message.

**JOHN DEERE 4030; 146 load-**  
er, quad range, good rubber,  
cold air, very good condition.  
\$22,000. 785-488-3875 or 7070.

**JOHN DEERE 4640; PS,** hy-  
draulic seat, 20.8 38 duals, mo-  
tor and transmission good, cold  
air, mint condition. 785-488-  
3875 or 7070.

**JOHN DEERE 750 DRILL. 15ft,**  
one owner, low acres, shedded,  
recent updates; extended wear  
seed boots, narrow urethane  
gauge wheel, closing wheel up-  
dates, opener discs. \$16,500.  
620-947-1850.



**NEW**  
• 604-605N net  
• R2300 & R2800 rakes  
• TM800 Trail Mower  
• VR-8, 10, 12 wheel rake  
• M1240 New Series w/D1XL  
disc head  
**USED EQUIPMENT**  
• 605M net ramp floats  
• 665M twine ramp  
**FEED MIXERS**  
• '90 IH w/Farmaid FA430 mix-  
er  
• FA-550 Feed wagon  
**To view all of our New &**  
**Used Equipment, please**  
**check out our website:**  
**www.sloophook.com or give**  
**us a call at 785-828-4706**

**MacDon**  
**Sloop Sales &**  
**Hook's Repair, Inc.**  
Lyndon, KS 66451

**NEW HOLLAND H7150 swath-**  
er, 14', excellent condition, cut  
about 600 acres, always shed-  
ded. \$25,000 obo. Owner retir-  
ing. 785-598-2470. Abilene.

**— TRACTORS —**

'04 JD 9420 .....\$99,500  
'02 JD 8520 .....\$89,500  
'10 JD 8320R .....\$129,500  
'11 JD 8310R .....\$159,500  
'12 JD 8335RT .....\$197,500  
'11 JD 8335 MFWD ..\$157,500  
'07 JD 7810 MFWD .....\$57,500  
'84 JD 4850 MFWD .....\$37,500  
'82 JD 4640 .....\$21,500  
'15 JD 6155M .....\$97,500  
'14 JD 6125M .....\$97,500  
'15 CIH 240.....\$169,500  
**— TILLAGE —**  
'13 JD 2623VT 30' .....\$42,500  
'11 JD 2310 45' .....\$69,500  
'13 JD 2210 28' .....\$29,500  
'13 JD 2623VT .....\$42,500  
'13 JD 20' 2623VT .....\$36,500  
'05 JD 512 22 1/2' .....\$29,500  
'11 CIH 330 34' VT .....\$32,500  
'06 SF 1444 40' .....\$29,500  
'11 CIH 370 30' .....\$34,500  
**— HAY EQUIPMENT —**  
'10 JD 568 .....\$26,500  
'01 Vermeer 605XL.....\$11,500  
'06 JD 735 MOCO .....\$13,900  
'12 NH H6750 9' .....\$7,500


**785-742-7121**

**HIAWATHA, KS 66434**  
www.hiawathaimplement.com



**MACHINERY**

**Vermeer**



**NEW**  
Balers: 605N, 504N, 665 Ranchers  
Rakes: VR1428, 2- VR1224

**USED**  
4- 605SN, 2- 605N, 1- 665 Rancher, 1- 504N  
Rakes: 2- R2800, 2- 2300

**LARGER BALE FORKS**  
**SPRING STEEL AVAILABLE METAL**  
**ROUND SQUARE TUBING**  
**ANGLE CHANNEL & FLAT**  
2 3/8", 2 7/8", 4 1/2" pipe  
3/4 & 7/8 sucker rods  
**WELDING SUPPLIES**  
Oxygen C125 & acet. Bottles for sale  
Welding rods & wire  
Top & bottom belts for all balers  
Twine 4' & 5' netwrap  
Portable panels, Feed Bunks & Round Bale Feeders

**Forrest Johnson**  
LEONARDVILLE, KS 66449  
785-293-5583  
785-293-2235

**PLANTER SALVAGE**  
IH 800-900-950-955 Cyclo  
JD 494-1280, 7000-7300,  
plate and plateless  
White 5100

**Koelzer Repair**  
Onaga, KS 785-857-3257

**PARTING OUT NH 2550** swath-  
er. Good engine. 18ft header.  
620-341-7699.

**MACHINERY**

**NEW EQUIPMENT**  
504 Signature R baler  
Winkel Calving Pen  
Portable Corral  
R2300 rake  
VR1224  
BPX 9000 Bale Processor  
MC 3700  
Perfect Tree Saw

**USED EQUIPMENT**  
605N  
555 XL  
605G baler  
605M baler  
M850 Mower Demo  
3 pt tree shear

**BERG REPAIR**



**Deweze**

14200 Godlove Rd.  
Westmoreland, KS  
785.457.3534

**Used Farm Equipment**  
Tillage • Grain Handling  
Loaders • and more

Check website for listings

**Mellenbruch Machinery**  
Soldier, Kansas  
785-834-2541  
Cell: 785-305-0234  
www.mellenbruchmachinery.com

**FOR SALE: IH 17.5' 1020 flex**  
head. Very good, \$6,500. 785-  
292-4922 or 292-3238

**MACHINERY**

**OUR 65th YEAR**  
**NEW TRACTORS**  
2016 JD 6155M

**USED TRACTORS**  
2013 JD 8335R  
2013 JD 8310R  
2001 JD 7810  
2016 JD 6155R  
2009 JD 7230  
1995 JD 7400

**USED PLANTERS**  
2015 JD 1795 16/31  
2014 JD 1790 16/31  
2005 JD 1760 12 row

**COMBINES**  
2015 JD S670  
2014 JD S660  
2012 JD S660  
2014 JD 606C  
2013 JD 608C  
2011 JD 608C  
2010 JD 608C

**NEW EQUIPMENT SPECIALS**  
2016 JD 2510H  
**USED EQUIPMENT**  
2016 JD 2510H Dry  
2014 JD 569 baler  
2011 JD 568 baler  
2008 JD 568 baler

**SOLID - STABLE STILL JD**

**TODD TRACTOR COMPANY INC**

785-336-2138 Days  
785-548-5855 Nights  
Visit Us At  
toddtractor.com  
Seneca, Kansas

**Tire Town Inc.**  
18.4-34 new, 10p .....\$575  
11L-15 rib 12p, new .....\$90  
800/70R38, 80% .....\$1,500  
16.5L-16.1, 10p, new .....\$235  
20, 8-38, 10p, new .....\$760  
18.4R46, new .....\$1,450

**Nationwide Shipping**  
**WE DEAL**  
Other Sizes and Prices  
New & Used  
800-444-7209 800-451-9864  
913-441-4500 913-682-3201

**Pre-Owned Tractors**  
14 JD 6105M, MFWD, 43 Hrs .....  
.....\$76,000 B (J27437)  
15 JD 5115M, MFWD, 64 Hrs .....  
.....\$65,500 H (J31329)  
14 JD 8370R IVT/ILS MFWD, 1496  
Hrs .....\$245,000 H (11066)  
14 JD 8370R IVT/ILS MFWD, 1624  
Hrs .....\$259,500 H (11067)  
13 JD 9410R PS-PTO 4WD, 3366  
Hrs .....\$219,000 B (11153)  
11 JD 8235R IVT/ILS MFWD, 1401  
Hrs .....\$165,500 B (11199)  
14 JD 8320R PS-ILS MFWD, 2157  
Hrs .....\$214,000 H (11327)  
15 JD 6130M W/LDR MFWD, 468  
Hrs .....\$89,500 E (11376)  
16 JD 6135E W/LDR MFWD, 384  
Hrs .....\$74,500 H (11378)  
11 JD 8260R PW MFWD, 2055  
Hrs .....\$147,000 B (11389)  
14 JD 7230R IVT/ILS MFWD, 877  
Hrs .....\$179,000 B (11397)  
09 JD 6170R W/LDR MFWD, 1463

**BRUNA IMPL. CO.**  
**COMBINES:**  
2013 Case IH 8230, 1787 hrs..  
.....\$169,500 (M)  
2004 Case IH 8010, 3053 hrs..  
.....\$79,500 (C)  
2013 Case IH 7230, 1340 hrs..  
.....\$186,500 (W)  
2012 Case IH 7130, 1373 hrs..  
.....\$168,000 (H)  
2011 Case IH 7120, 1765 hrs..  
.....\$156,500 (S)  
2011 Case IH 7088, 1945 hrs..  
.....\$136,500 (W)  
2007 Case IH 7010, 2729 hrs..  
.....\$98,000 (H)  
2012 Case IH 6130, 1001 hrs..  
.....\$167,000 (W)  
2011 Case IH 6088, 1264 hrs..  
.....\$132,500 (W)  
2007 Case IH 2588, 2551 hrs..  
.....\$98,500 (M)  
2004 Case IH 2388 4wd, 3027  
hrs.....\$79,800 (S)  
1994 Case IH 1688, 4935 hrs..  
.....\$29,500 (H)  
1991 Case IH 1680, 4663 hrs..  
.....\$17,500 (C)  
1990 Case IH 1640, 3313 hrs..  
.....\$19,500 (C)

**HEADERS:**  
2012 Case IH 2162 35' draper  
.....\$52,500 (W)  
2008 Case IH 1020 30' flex.....  
.....\$23,500 (S)  
1998 Case IH 1020 25' flex.....  
.....\$8,950 (W)  
2001 Case IH 1020 22.5' flex...

**MACHINERY**

**SALVAGE COMBINES**  
ALLIS N7-6, L2, L, M, G, F2,  
7700, 6600, 4400, 3300, 105,  
95, 55; MF 860, 760, 750, 510,  
410; IH 1680, 1480, 1460,  
915, 815, 715, 503, 403; NH  
TR70-85, 1400, 995, 985, 975.

**SALVAGE TRACTORS**  
ALLIS 7000-7080, 220, 210,  
190XT; D17-19; JD 84-8630,  
7520, 6030, 5020, 4630, 4430,  
4020, 3020, 720, 730; CASE  
1470, 1370, 1270, 1200, 1070,  
930, 400; IH 1568, 1466,  
1256, 1066, 1026, 806; FORD  
4-5-6-8-9000; MF 2745, 1155,  
1100, 90, 85; OLIVER 2150;  
MM G1000; WH2-150, 4-150.

**Mike's Equipment**  
BUHLER, KANSAS  
1-800-543-2535

**USED IMPLEMENT**  
1975 MF 255 Tractor w/ldr  
Gehl 1870 rd. baler  
2014 Gleaner S77 combine  
2012 Gleaner S-77  
1998 Gleaner R72  
Gleaner 8200 25' flex w/air reel  
Gleaner 8200 30' w/air reel  
Gleaner 800 30' flexhead  
Gleaner 400 30' rigid  
2003 MF 9690 w/30' head



**Kuhlman Impl.**  
LINN, KANSAS  
785-348-5547

Used IH 496 25' Tandem Disc  
.....\$8,439  
12 wheel rake .....\$3,000  
New 9 bar rotary rake ..\$4,295  
Used KMW #120 ldr, magnum  
mounts, .....\$4,500

**CASE IH**  
AGRICULTURE

**WINCHELL'S, INC.**  
Phillipsburg, KS 785-543-2118

Hrs.....\$146,000 H (11570)  
14 JD 6125M MFWD, 396 Hrs.....  
.....\$83,000 H (11571)  
13 JD 6170R W/LDR MFWD, 1984  
Hrs.....\$134,000 H (11648)  
13 JD 6170R MFWD, 650 Hrs.....  
.....\$130,000 H (11760)  
05 JD 9220 4WD, 5783 Hrs .....  
.....\$97,500 E (11783)  
07 NH TC30 2168 Hrs.....  
.....\$8,500 B (11705)  
13 Challenger MT645D 670Hrs, ..  
.....\$134,000 H (11674)  
09 Challenger MT575B MFWD  
1560 Hrs, .....\$105,000 H (11531)

**Carrico**  
IMPLEMENT

3160 US 24 Hwy  
Beloit, KS 67420  
(877)542-4099

1104 E 8th 300 W 48th Street  
Ellsworth, KS 67439 Hays, KS 67601  
(866)522-9600 (800)658-4640

www.carricoimplement.com

.....\$15,950 (W)  
2007 Case IH 1020 20' flex.....  
.....\$19,500 (M)  
2009 Case IH 2020 30' flex.....  
.....\$17,000 (M)  
2012 Case IH 3020 30' flex.....  
.....\$22,500 (W)  
2011 JD 630F 30' flex .....  
.....\$18,500 (W)  
1997 Case IH 1063 6RN .....  
.....\$11,000 (S)  
1993 Case IH 1083 8RN .....  
.....\$8,500 (C)  
2006 Case IH 2206 6RN .....  
.....\$26,500 (W)  
2002 Case IH 2208 8RN .....  
.....\$22,500 (H)  
2001 Case IH 2212 12RN .....  
.....\$26,500 (W)  
2010 Case IH 3408 8RN .....  
.....\$29,500 (H)  
2012 Case IH 3412 12RN .....  
.....\$44,500 (C)  
2011 Geringhoff NS830 8RN ...  
.....\$33,500 (S)

**Bruna Impl. Co.**  
(C) - Clay Center: 785-632-5621  
(H) - Hiawatha: 785-742-2261  
(M) - Marysville: 785-562-5304  
(S) - Seneca: 785-336-2111  
(W) - Washington: 785-325-2232

List of our entire  
used inventory on:  
www.brunaimplementco.com

**CASE IH**  
AGRICULTURE

**MACHINERY**

**USED TRACTORS**  
'13 Case IH Magnum 315,  
1360 hrs  
'13 Bobcat CT 450, MFD, cab,  
hydro w/ldr, 285 hrs  
'01 Case IH MX220 MFD,  
6,060 hrs  
'01 MF 6255MFD cab, ldr w/  
grapple  
'98 Case IH 8910 MFD, 7630  
hrs  
'79 IH 584 diesel w/ldr, 3525  
hrs  
'41 IH FarmAll A w/Woods bel-  
ly mower  
Ford 9N

**MISCELLANEOUS**  
'14 Case IH 5130 Combine,  
4wd 760 engine hrs, 510  
sep. hrs  
Westendorf TA28 loader, 90"  
bucket, like new  
'13 CASE IH DC132 disk  
MOCO  
'10 CASE IH 1250 planter 12/  
30 Bulk fill  
'09 Case IH 330 turbo 34'  
'07 Case IH RMX340 25' disc  
IH 496 Disc, 22'  
'05 JD 2210 FC 35' float hitch  
IH 4500 F.C. 18.5'  
CIH 6500 conser til chisel 14'  
JD 235 disk, 23'  
IH 55 chisel 7' trailing  
IH 9' chisel, 3pt  
'91 JD 653A row head  
'82 JD 6620, 3200 hrs, 4WD  
'94 JD 915 flex  
'91 Case IH 1680 combine  
4WD  
'06 Case 1020 30'  
'05 Case 1020 30'  
'87 Case IH 1020 15'  
'88 Case IH 1020 16.5'  
'89 Case IH 1020 25'  
'94 Case IH 1020 20'  
'94 Case IH 1063 cornhead  
'89 Case IH 1083 cornhead  
IH 810 platform 20' w/trail  
IH 863 cornhead  
'95 Case IH 8465, A. baler  
IH 430 sq. baler twine tie  
IH 2001 loader  
Bush Hog ATH720 finish mow-  
er, 6'  
Rhino TW84 rotary cutter, 7'  
Degelman 105TD front blade

**NEW EQUIPMENT**  
Case IH WD2504 SP Windro-  
wer w/ RD 163 disk header  
Farmall 40C MFD w/loader  
Farmall 45C & 55C Series 2,  
Cab MFD w/ldr  
Farmall 35C series 2, MFD  
w/ldr  
2500 Ecolo-til 5 shank  
Several Bush Hog rotary mow-  
ers and tillers

**CASE IH**  
AGRICULTURE

**ROSSVILLE**  
**Truck & Tractor**  
ROSSVILLE, KANSAS  
785-584-6195

**2014 JOHN DEERE 6125M,**  
cab, 661 hours with 2016 John  
Deere H310XP loader. \$80,000  
obo. 2016 John Deere HX20  
pull type rotary cutter. \$17,000  
obo. 785-840-8630.

**TRACTORS & SKID LDRS**  
2015 Farmall 75C, cab,  
MFD, ldr, 75 hrs.  
2000 Bobcat 763 2800 hrs  
2015 JCB 280 skid loader,  
105 hrs.  
2015 JD 323 E track skid  
loader, 140 hrs.  
1997 Case IH 1063 6RN .....  
.....\$11,000 (S)  
1993 Case IH 1083 8RN .....  
.....\$8,500 (C)  
2006 Case IH 2206 6RN .....  
.....\$26,500 (W)  
2002 Case IH 2208 8RN .....  
.....\$22,500 (H)  
2001 Case IH 2212 12RN .....  
.....\$26,500 (W)  
2010 Case IH 3408 8RN .....  
.....\$29,500 (H)  
2012 Case IH 3412 12RN .....  
.....\$44,500 (C)  
2011 Geringhoff NS830 8RN ...  
.....\$33,500 (S)

**HAY EQUIPMENT**  
2005 Hesston 956A, 8000  
bales  
2003 Hesston 956A, 6700  
bales  
Vermeer M7040 7' rotary  
disk mower  
New MacDon R116 Moco.  
New H&S 1660 16 wheel Hi  
Cap rakes  
1997 Hesston 565A round  
baler

**COMBINES**  
2004 Case IH 2366  
**AUGER & GRAIN CARTS**  
2008 Harvest International  
13x72 swing hopper  
Westfield TR100-61 std.

**MACHINERY**

**WHITE STAR**

**WE RENT TREE SHEARS!**  
**BOBCATS - TRADE-INS**  
2013 Bobcat S650 A71 TS,  
1280 hrs .....\$2,600  
Bobcat S185 C, H, & A, 1750  
hours.....\$20,500  
2015 Bobcat S650 C, H & A,  
600 hrs.....\$37,000  
2015 Bobcat S590 A71 TS  
ACS, 240 hrs .....\$36,500  
Bobcat 88" snow & light Mat.  
bucket .....\$1,750

**3695 Green Valley Road**  
**Manhattan, KS 66502**  
**For More Details Call**  
**Greg • 785-215-4285**  
**Travis • 785-410-8985**  
**Office • 785-537-9979**

**Bobcat**

**Winkel**

*Right at Home on the Range*

**Winkel Livestock Equipment**  
Flat beds, Bale beds, Loading  
Chutes, Portable Corral Panels  
10' & 12', panel carrier, Calving  
Pen, Gates, 3-point Bale and  
Trailer Mover, Bale Feeders &  
Bunks, & Toolboxes

**Bar 6 C&E Feeders**  
450lb, 650lb, 800lb, 1000lb,  
1200lb, 1600lb, 1800lb, 2500lb  
& 3200lb

**DIXIE CHOPPER**  
The World's Fastest Lawn Mower.

**Dixie Chopper Lawn Mowers**  
2017 Models  
BlackHawk 2454KW,  
BlackHawk HP 2460KW, Silver  
Eagle 2760KW, Classic  
3572KW, Jacobsen ZT400  
2248KW, Zee 2 2354KW,  
Magnum 2250KW, Jacobsen  
Truckster LX Premium

**HYDRABED**  
BY TRIPLE C. INC.

HB3100, HB3200, HB3250,  
HB3300, HB3350, HB3550,  
HydraFeeders, Across the bed  
toolboxes, Underbody  
Toolboxes, & HydraTM2000  
3-point tractor mount bale  
handler/ unroller.  
**Welding Supplies & Gases**  
**Interstate Batteries**  
**Renegade Grill Guards &**  
**Bumper Replacements**  
**Chevron Lubricants**  
**Steel - Square Tubing, Flat &**  
**Angle**  
**Gates Hydraulic Hoses**

**wRe**

**Wertzberger Ranch**  
**Equipment LLC**  
Alma, KS  
785-765-3588

Hyd. swing hopper  
New Parker 839 grain cart  
Parker 510 grain cart, cor-  
ner auger  
2009 Demco 750 grain cart  
Brandt 1050 grain cart, .....  
..... Special Pricing

**MISCELLANEOUS**  
New Rhino 284 7' rotary  
mower  
New Case IH RC840, 7' rota-  
ry mower  
New Rhino 2150 15' Batwing  
shredder  
New Brown 10' & 12' box  
scrapers  
2011 Sunflower 1435-40  
split wing disc  
Icon 1632 grader rear steer

**HESSTON**  
AGCO

**SUNFLOWER**

**FARMHAND**

**SUPERIOR**  
**IMPLEMENT, INC.**  
402-879-4723  
Evening: 402-879-3719  
**SUPERIOR, NEBRASKA**

**Firestone** **DON'S**  
**TIRE & SUPPLY**

18.4-38 SATII 8pr TL.....\$710  
650/65 R38 RAD 9000 166D.....\$1,409  
380/85R30 RAD AT DT.....\$738  
710/70 R42 RAD AT DT.....\$2,446

Prices and Product availability are subject to change without notice.

**TOLL FREE**  
**866-888-7838**

**www.donstire.net**  
**ABILENE, KS**

**SHUCK**  
**IMPLEMENT**

**IN STOCK - NEW MASSEY**  
**FERGUSON HESSTON**  
**2900 SERIES**

2012 Massey Ferguson 1330  
disc mower, very clean, ser-  
viced & ready to mow, 10'  
wide, includes new PTO  
safety shield w/Swath board.  
stk#3239 .....\$6,500  
Chain drag harrow, approx. 6'  
wide. Stk #5500 consigned....  
.....\$450  
1990 Case IH 5120 cab tractor,  
approx. 6,000 eng. hrs, 16x16  
power shuttle, stk#5757.....  
.....\$18,000  
2003 Hesston 956 round baler,  
twin & mesh wrap, monitor,  
4,000 bales, exc. cond., shed-  
ded, low use, stk#5267.....  
.....\$19,900  
White 2-110 w/Westendorf TA26  
ldr, good clean tractor, 4500  
hrs, A/C may need recharges.  
Stk#3767, consigned.\$19,900  
Bush Hog SQ72 squaler rotary  
mower , single spindle, 72".  
Stk#5714.....\$900  
Krause 5639-42 field cultivator,  
excellent cond., low use, float-  
ing hitch. Stk#2400...\$39,900  
2015 MF 3710 spreader 175  
bushel, lightly used. Stk#3480  
consigned .....\$9,500  
New Idea 403 side delivery hay  
rake, stk#5498 consigned.\$900  
Chain drag harrow approx. 6'  
wide. Stk#5500 consigned.\$450  
1982 Versatile S55, 6,200 hrs,  
row crop axles, 3pt hitch &  
PTO, stk#5247.....\$22,500  
Sunflower 4311 Disc Ripper,  
7 shanks, 14', stk#4096 con-  
signed.....\$5,900  
White 2-62 FL forklift, High lit,  
extra good condition, Reverse-  
O-Torc 6 Cyl. diesel, few hours  
on overhaul, stk#2250..\$6,500  
3 pt utility carrier, home fabri-  
cated, well made. Stk#4468,  
consigned, .....\$500  
New Idea 400 side delivery  
hay rake, New bearings,  
kept lubed, many new tines,  
stk#4479, consigned...\$1,800  
E-Z Trail GC37 header trans-

port, red, 37", lights, brakes,  
straps. stk#2303 New in stock  
Challenger 660 (2007), 2,840  
hrs/1880 sep hrs. Field Star,  
18.4 x 42 duals, lateral tilt, Var  
speed feeder house, RWA,  
chaff spreader, new bearings  
& sprockets in feeder house,  
new feeder house chain &  
unloading augers 2 yrs ago.  
stk #2236.....\$74,900  
(3) Bale carrier 3 pt hitch fork-  
lift style, stk#4465, consigned  
Worksaver, stk#4466, con-  
signed Blue, stk#4467, con-  
signed Red.....\$300/each  
Sunflower 6333-31 land finish-  
er, excellent condition, lightly  
used, w/6 row high residue  
spike drage. Stk#1865.....  
.....\$39,900  
2013 MF 2170XD, 15,700 bales,  
C1000 monitor, moisture sen-  
sor, roller chute, bale weight  
kit, stk#1552, **0% For 36**  
**Month Financing**.....\$69,900  
Central States DBS2000 Bale  
Spear, one owner, lightly used  
on Hobby Ranch, excellent  
cond., Stk# Consigned.....\$500  
Michelin Agribib Radial tire set.  
Pair: 380/90 (14.9) R46 R1W  
on rims for Cast Centers (no  
Centers) Pair: 380/85R30  
R1W on Waffle Wheels off of  
2013 MF 7615 w/765 hrs.....  
.....\$3,900  
2013 Woods PRD7200 finish  
mower, barely used, MF red  
brand, 72" wide premium.  
Stk#1022 consigned....\$2,495

**Lawrence, KS**  
**785-843-8093**  
**800-654-5191**  
**Fax: 785-843-1014**

**AGCO**

**MASSEY FERGUSON**

**MACHINERY**



**New Equipment**  
 604N Baler  
 605N Baler  
 R2300 Twin Rake  
 R2800 Twin Rake  
 VR1224 12 Wheel Rake  
 TM800 Trailed Mower  
 MC3300 Mower Conditioner  
 BPX9000 Bale Processor  
 4' & 5' Net Wrap & Twine

**Used Equipment**  
 10 New Holland BR7090  
 \$13,500

**Wertzberger Ranch  
 Equipment LLC**  
 Alma, KS  
 785-765-3588



**Abilene Machine**  
 Ag Replacement Parts  
 With 5 locations,  
 Abilene Machine is one of the  
 largest distributors of new,  
 remanufactured and recycled  
 ag replacement parts in the  
 United States.



800-255-0337  
 www.AbileneMachine.com

**EMPLOYMENT**



**K-STATE**  
 Research and Extension  
**EXTENSION AGENT,**

Director/ Crop Production/  
 Horticulture opportunity in  
 Midway District, office in  
 Ellsworth, KS.

See www.ksre.ksu.edu/jobs for  
 responsibilities, qualifications,  
 and application procedure.  
 Application deadline: 8/14/17.  
 K-State Research and  
 Extension is an EOE of  
 individuals with disabilities and  
 protected veterans.  
 Background check required.

**FAMILY FARM AND** cow/calf  
 operation seeking full time help.  
 Must have experience in all as-  
 pects of machinery operation,  
 CDL required. Housing and oth-  
 er benefits available. 620-923-  
 5633 or 920-923-5255.

**WE ARE NOW TAKING** applica-  
 tions for an open position we  
 have at our farm and feedyard.  
 Duties would include driving  
 feedtruck, running equipment,  
 pen riding, and cattle process-  
 ing. Please call or send us an  
 email. 2K Feeders, LLC.  
 Burns, KS. 620-752-3838.  
 keith@2kfeeders.com

**BUILDINGS / BLDG MTLs.**

**DIAMOND L SUPPLY**  
 Dwight, KS  
 • 1.888.608.7913 •

29 ga 40yr ptd..... \$64.89/sq  
 29 ga #2 ptd..... \$58.50/sq  
 29 ga Galvalume..... \$50.28/sq

**Complete Building  
 Packages**

Doors, Insulation, Livestock  
 Equipment, Scales, Waters  
 \*Jobsite Delivery Available\*  
 (prices subject to change)  
 www.diamondlsupply.com

Metal Panels  
 & Accessories

**THE VALUE LEADER  
 WE WON'T BE UNDERSOLD  
 METAL \$54/ SQUARE**  
 • DELIVERY AVAILABLE •  
 Prices subject to change

**WESTERN METAL**  
 2 Locations • Best Service  
 Louisburg, Kansas

1-800-489-4100  
 HAYS, KANSAS  
 1-800-770-2725

**BUILDINGS / BLDG MTLs.**

**Butterfly Supply, Inc.**  
 800-249-7473

• Tubing • Rods • Cable •  
 • Guardrail • Clips •

**STEEL FENCING  
 & BUILDING  
 SUPPLIES**

www.butterflysupplyinc.com



**FOAM INSULATION**

The Icynene Insulation  
 System™ Metal Bldgs. —  
 Homes  
 800-334-3626  
 Healthier, Quieter, More  
 Energy Efficient.™  
 MID-AMERICAN SALES, INC.

**GALVANIZED 22 GAUGE** steel  
 arched building. 30'X70'X15' tall,  
 5' sides. New on crate, ready to  
 assemble, available immedi-  
 ately. Delivery available in  
 Shawnee County. \$19,500 obo.  
 785-862-9038.

**SMITH POSTYARD**

Hedge Post  
 Delivery Available  
**JEFF SMITH**  
 620-496-8956



**STEEL BUILDING  
 INVENTORY SALE**  
 I-Beam Construction  
 Easy Bolt-Up Design  
 40x65, 60x90, 100x150

Many Others Available

(800) 369-3882  
 www.toplinebuildings.com  
 sales@toplinebuildings.com

Steel pipe & gates,  
 continuous fence, corral  
 and fence materials,  
 best prices!

855-880-7964  
 GoBobKS.com

**BINS - DRYERS - VACS**



Check my prices on  
 on Brock Grain Bins

CONTACT: LYNN KOHAKI  
 785-336-1692

**Grain Storage Complex  
 To Be Moved**



5-5000 bushel bins, 45'  
 grain leg, augers to  
 misc. equipment.  
**Solomon, KS**  
 785-826-3190

**SERVICES**

**CUSTOM  
 PORTABLE  
 DISC-ROLLING**

DARRELL WAGONER  
 Cell: 785-650-4094

**PETS**

**BLUE HEELER PUPS, DOB**  
 6/18/17, shots, dewormed.  
 Please call 785-766-9160.

**HARVESTING**

**VANDERVEEN FORAGE, LLC.**  
 Prairie View, KS. Looking for  
 custom silage chopping. Claas  
 equipment, windrow attachment  
 10 row head, direct cut Capello  
 head. Cory, 785-543-7899.

**WANTED**

**Grass & Grain wants  
 YOU**



To get the best  
 advertising for  
 your buck!

**Classified Liners:**  
 \$0.65 per word

Prepaid: 10% discount 2-3 weeks,  
 25% discount 4+ weeks

**Classified Display Ads:**  
 \$10 per column inch

Add logos/photos for free!

No discounts for billed or display  
 ads. Refunds not available for  
 prepaid ads after 1st run.

**Call today!**  
 877-537-3816

**DAMAGED  
 GRAIN  
 WANTED  
 STATEWIDE**

We buy damaged grain,  
 any condition  
 -wet or dry-  
 including damaged  
 silo corn.  
**TOP DOLLAR!**  
 We have vacs  
 and trucks.

**CALL HEIDI OR  
 GARTON  
 NORTHERN AG  
 SERVICE, INC.**  
 800-205-5751

**WANT TO BUY- TROY BILT**  
 sickle bar mower, good condi-  
 tion only. 785-488-5150.

**WANT TO BUY:**  
 Wood Wheel Farm  
 Wagons, Anvils, Steel  
 Wheels, Corn Shellers,  
 Forges, Any Farm  
 Primitives.  
 785-488-5150

**Don't Get Sideways With Your Advertising Dollars!  
 Remember GRASS & GRAIN  
 for All Your Advertising Needs**

**Examining the effects of temperature and temperature-humidity index on pregnancy rate in beef cows**

Nebraska researchers reviewed ten years of calving records from a spring-calving beef cow herd (Angus/continental crossbreds) in southeast Nebraska to determine the effect of temperature and humidity on pregnancy rates in beef cows. This research suggest-

ed that conception rates are lower during summers when it is hot during the breeding season as compared to cooler summers.

These researchers found that for each degree increase in temperature during the first 30 days of the breeding season that

pregnancy rate during these 30 days decreased by 1.08%. However, average temperature did not significantly affect pregnancy rate during the entire breeding season (63-day average). It was also reported that if the average temperature-humidity index (THI) was greater than 65 for the first 30 days of the breeding season that pregnancy rate was reduced by 1.6% per unit increase in THI above 65. THI did not affect pregnancy rate over the entire breeding season. These results indicate that beef cows can acclimate to high temperatures and humidity if given enough time with the bull (60 days or more in this data set). These data suggest that a 30 to 45-day breeding season may not allow cows to adjust to high temperatures and humidity thus pregnancy rate may be reduced. In cows with some Brahman influence, the negative impact of heat stress on pregnancy rate should be reduced.

Management steps that producers can take during the breeding season to minimize heat and humidity stress on cow herds include:

- Minimize cattle activity and movement during the breeding season. Nebraska feedlot research shows that moving cattle can increase body temperature by 1 to 1.5°F.
- If cattle must be worked or moved, do it early in the morning when it is cooler.
- Provide plenty of clean water.
- Provide shade or a place for cattle to cool off.
- Control flies to discourage physical activity associated with fighting flies.
- Black cattle are more susceptible to heat stress than lighter-colored cattle.

**Failure to yield caused Kansas train collision**

(AP) - Kansas highway officials say a collision between an Amtrak train and a semitrailer pulling cattle occurred due to the driver's failure to yield to the train.

A report from the Kansas Highway Patrol says the train wasn't able to stop when the driver didn't yield at a railroad crossing near Reading recently.

The Emporia Gazette reports the accident sent the train's engineer, 35-year-old Jarrod McWhirter, to a local hospital with minor injuries. Amtrak spokesman Marc Magliari says none of the more than 210 train passengers were hurt.

The livestock trailer was split in half by the collision, killing some cattle and injuring others.

Magliari says the train was able to continue eastward after a four-hour delay once a replacement crew arrived and the damaged lead locomotive was removed.



Reserve champion bucket calf in the 7-9 year old division was earned by Amelia Strauss at the Geary County Free Fair.



The grand champion bucket calf in the 10-12 year old division was awarded to Paige Roeser at the Geary County Free Fair.



Clara Gfeller earned grand champion bucket calf in the 7-9 year old division at the Geary County Free Fair.



The Geary County Free Fair reserve champion goat showman was Hailey Frazier.

**Place  
 your  
 Classified  
 Ad  
 Online**

[www.grassandgrain.com](http://www.grassandgrain.com)

## Nutritional value of soybean meal varies among sources from different countries

Research from the University of Illinois is helping swine producers know what they're getting when they buy soybean meal from different countries. Genetic differences among varieties of soybeans, as well as differences in growing conditions and processing, may affect the nutritional value of soybean meal produced in different places.

The largest producers of soybean meal in the world are China, Argentina, Brazil, the United States, and India. In many swine-producing countries around the world, soybean meal is imported from one of these five countries and buyers can choose among them. Until now, however, there has been very limited data to compare the compositional

and nutritional value of pigs of soybean meal produced in different countries.

Hans H. Stein, professor of nutrition in the Department of Animal Sciences at U of I, conducted an experiment to compare the nutritional composition and amino acid digestibility by pigs using soybean meal produced in the five major soybean-producing countries.

Stein and Ph. D. student Vanessa Lagos collected five sources of soybean meal each from China, Argentina, Brazil, and the United States, and four sources from India. They then fed diets containing the 24 soybean meal sources to growing barrows.

"Our data indicate that the amount of digestible

protein and amino acids was greater in soybean meal from the United States, India, and Brazil than in soybean meal from Argentina or China," Stein reports.

Soybean meal from Brazil and India had the greatest concentration of crude protein and amino acids, he says. However, the standardized ileal digestibility of crude protein and amino acids was greatest in soybean meal from the United States.

Stein says that in the global economy, feed ingredients may be sourced from a number of different sources.

"It's important to know that the nutritional value of soybean meal produced in different countries may be different, and to take those differences into account when making decisions about purchasing and diet formulations. Results of this experiment indicating that the concentration of digestible amino acids is less in soybean meal sourced from Argentina or China than in soybean meal from the United States gives international buyers increased information to base purchasing decisions on."

U.S. Soybean Export Council (USSEC) chairman Jim Miller says the results of this study echo USSEC's

strategy of building a preference for U.S. soy around the world. "We have boots on the ground in six global regions to educate our customers on the intrinsic and extrinsic advantages of U.S. soy using the latest research and information," he explains. "U.S. farmers have always believed that our product is very consistent, and Dr. Stein's study proves that soybean meal from the U.S. has less variability in both composition and digestibility."

The United States Soybean Export Council and the Indiana Soybean Alliance provided funding for the study.

The paper, "Chemical composition and amino acid digestibility of soybean meal produced in the United States, China, Argentina, Brazil, or India," is published in the *Journal of Animal Science*.

## Kansas State University meat scientists looking at new ways to preserve bacon

Can a simple antioxidant bring more sizzle to America's love affair with bacon?

Kansas State University researchers think so, and they're setting off on a project to figure it all out.

Meat scientists have known for a long time that meat develops an off flavor the longer it sits, even if you have it refrigerated. Kansas State University meat scientist Terry Houser said the fat in meat deteriorates over time, a process called oxi-

dation because it is caused by the interaction of oxygen with the meat product.

"We know that bacon has a problem with oxidation over time," Houser said. "So what we're trying to do is look at classes of antioxidants that we can use to stabilize that fat."

Bacon purchased in a grocery store is less susceptible to oxidation because retail meat often is vacuum packaged. However, Houser and his colleagues are

looking specifically at bacon that is packaged for the food industry.

"If you're a local restaurant owner, you would most likely buy bacon in what we call an HRI, or hotel/restaurant/institutional form of bacon," he said. "The slices of bacon are laid flat on a single sheet of paper and stacked in a box, with no vacuum packaging. They usually arrive to the store frozen in five or ten-pound boxes."

The challenge, Houser said, is to add antioxidants to the frozen products so that they last longer and yet maintain the flavor that customers so desire.

"Anytime we have to throw product out of the freezer is a bad deal," Houser said. "You increase your plate costs in a restaurant scenario. We really want to minimize those losses in the bacon area."

Kansas State's work will focus on adding natural antioxidants found in smoke and plant extracts that can be most effective in preventing oxidation in bacon. Then, Houser said, they will determine how long the antioxidants work and what concentrations are optimal.

In thinking of a pork product, Houser likened bacon to the ribeye steak in a beef carcass, in terms of the value it carries in the carcass.

"So it would seem that we would want to do our very best to make sure our customers come back and eat bacon time after time," he said.

The university's research is funded by the National Pork Board.



Jada Nabus was awarded the reserve champion bucket calf in the 10-12 year old division at the Geary County Free Fair.



Kati Fehlman took home grand champion breeding beef from the Geary County Free Fair for her Hereford summer yearling. Fehlman was also awarded grand champion beef showmanship honors.



Cody Brown won grand champion market beef with his 1330-pound Hereford at the Geary County Free Fair. Judge for the show was Harry Moser.



The reserve champion breeding beef at the Geary County Free Fair was a Balancer junior yearling shown by Cody Brown. Brown was also selected as reserve champion beef showman.



Since 1954

# GRASS & GRAIN

Published by AG PRESS 57th Year No. 43 December 20, 2011 \$1.00

ARRIVING IN KANSAS MAIL BOXES SINCE 1954...

Since 1954

# GRASSANDGRAIN.COM

...ONLINE SINCE 2007.

# Exports 101: how your pork checkoff dollars pay off

By Bill Even, CEO  
National Pork Board

When I led South Dakota's Office of Economic Development, I learned five tried-and-true success principles. First, retain the business you have. Second, expand your existing businesses. Third, find ways to attract new businesses to your area. Fourth, it is twice as hard to win back a customer that you lose. Fifth, economic development is all about relationships.

Many of these lessons also apply to pork exports. I was reminded of this on a recent trade mission to Mexico with National Pork Board leaders. On the right are key takeaways that show the importance of your Checkoff investment in export markets.

## Exports Put More Dollars in Your Pocket

U.S. pork and pork variety meat exports in the first quarter accounted for 27.2 percent of total pork production, adding \$52.42 in value per head, according to USDA. In March, pork and pork variety exports were up 28 percent year-over-year, adding \$54.93 per head in value.

## America Will Remain a Producer AND an Exporter

America's vast land re-

sources, water supplies, arable soils, stable government and hard-working, efficient farmers mean the United States is destined to be both a pork producer and an exporter. To paraphrase author Ayn Rand, "America is blessed with the miraculous power of the saints —only it is not the power to heal, but the power to produce."

## Pork Puts More Protein on the World's Table

As incomes rise around the globe, people's purchasing power increases. This is happening not only in Mexico, but also in other emerging economies from Asia to South America. Pork is perfectly positioned to benefit because these emerging economies tend to have youthful, growing populations, cultural heritages linked to pork and a continuing love of pork at mealtimes.

## You Can't Take Things for Granted

While North America is a mighty economic engine, other competitors such as the European Union, Brazil, Russia and China also have the power to be big players in international trade. Tough competition in the international markets means you cannot assume existing re-

lationships will run on autopilot.

Mexico, for example, has 45 trade agreements worldwide and continues to build new alliances around the globe. Compare this with the United States, which has only 20 free trade agreements. We must assure buyers that the United States will remain a reliable, consistent source of high-quality pork. If we do not, buyers will look elsewhere.

## Steady Investments Pay Big Dividends Over Time

In the National Pork Board's annual budget, \$2 of every \$3 goes into pork promotion, both at home and abroad. Of that, a third goes into international marketing. The Pork Board works closely with the USMEF not only to build relationships and to promote pork worldwide, but also to coordinate our messages when possible.

This includes our new efforts to align Hispanic-language marketing campaigns in Mexico and the United States. Your Checkoff investment and our marketing strategies add up over time. A key goal? Enhance exports, which remain one of our industry's economic development success stories.

# USDA to survey county small grains acreage

The U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) will survey producers in 32 states, including Kansas, for its County Agricultural Production Survey (CAPS).

"County-level yields have a direct impact on farmers around the state. USDA's Farm Service Agency uses the data in administering producer programs such as the Agricultural Risk Coverage (ARC) included in the 2014 Farm Bill, and in determining disaster assistance program calculations," said Doug Bounds, Kansas state statistician. "NASS cannot publish a county yield unless it receives enough reports from producers in that county to make a statistically defensible estimate. So, it is very important that producers respond to this survey. In 2016, NASS was unable to publish several large producing counties due to a lack of sufficient number of responses."

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

Many producers respond by mail or on-line via NASS's secure reporting website. If not enough responses are received from a county, NASS will begin contacting producers by phone or in person. County-level data for winter wheat and oats will be available Thursday, December 14th.



This 1460-pound crossbred owned by Rebekah Thomas was selected by judge Harry Moser as reserve champion market beef at the Geary County Free Fair.



Weston Langvardt's Southdown yearling ewe was selected by judge Matt Benz as the grand champion breeding sheep at the Geary County Free Fair.



This Shropshire spring breeding ewe lamb of Kacey Butler's was chosen as reserve champion breeding sheep at the Geary County Free Fair. Butler was also selected as reserve champion sheep showman. Judge for the show was Matt Benz.

# Marysville Livestock Sales

Every Thursday at 12 Noon

Donnie Kirkham, Manager • 785-562-1015  
1180 US Hwy. 77, P. O. Box 67, Marysville, KS 66508

SALE INFORMATION FOR AUGUST 3, 2017

CALVES BY THE HEAD				
BLUE SPRINGS,NE	5 XBRD STR	\$600.00		
MANHATTAN	1 BLK BULL	\$600.00		
MANHATTAN	3 MIX BULL	\$580.00		
MANHATTAN	5 XBRD HFR	\$520.00		
WAMEGO	4 XBRD HFR	\$475.00		
LIBERTY,NE	1 RED STR	\$425.00		
MANHATTAN	3 BLK BULL	\$360.00		
WAMEGO	1 BLK STR	\$385.00		
WAMEGO	2 BLK HFR	\$335.00		
WAMEGO	2 BLK HFR	\$280.00		
MANHATTAN	3 XBRD HFR	\$275.00		
WAMEGO	1 BLK BULL	\$260.00		
WAMEGO	1 XBRD HFR	\$200.00		
WAMEGO	1 BLK HFR	\$185.00		
STEERS				
WAMEGO	7 BLK STR	315@\$220.00		
MANHATTAN	9 XBRD BULL	368@\$203.00		
BREMEN	3 BLK STR	461@\$188.50		
FRANKFORT	1 XBRD STR	455@\$187.00		
SENECA	39 BLK STR	594@\$186.00		
BREMEN	4 BLK STR	453@\$186.00		
WATERVILLE	6 BLK STR	469@\$184.00		
LIBERTY,NE	1 RED BULL	495@\$184.00		
MANHATTAN	5 MIX BULL	447@\$183.50		
MARYSVILLE	7 XBRD STR	486@\$183.50		
LINN	5 XBRD STR	518@\$183.00		
FRANKFORT	1 BWF STR	505@\$183.00		
WASHINGTON	3 BLK STR	521@\$182.00		
WYMORE,NE	2 XBRD STR	377@\$181.00		
PALMER	13 BLK STR	575@\$180.00		
WAMEGO	4 BLK STR	492@\$179.50		
BREMEN	15 BLK STR	585@\$177.50		
OKETO	3 BLK STR	553@\$177.00		
MARYSVILLE	12 BLK STR	605@\$176.50		
BREMEN	3 BLK STR	553@\$176.00		
FRANKFORT	13 XBRD STR	635@\$174.50		
LINN	16 XBRD STR	623@\$174.00		
CENTRALIA	5 BLK STR	549@\$173.50		
PALMER	4 BLK STR	470@\$173.00		
ONAGA	11 MIX STR	617@\$171.50		
WATERVILLE	4 BLK STR	602@\$171.00		
WASHINGTON	7 BLK STR	638@\$168.50		
WASHINGTON	2 BLK BULL	575@\$168.00		
BLUE RAPIDS	2 BLK STR	672@\$166.00		
WATERVILLE	4 BLK STR	600@\$166.00		
LINN	14 XBRD STR	713@\$165.50		
WESTMORELAND	7 BLK STR	750@\$165.50		
HANOVER	24 BLK STR	793@\$164.00		
BREMEN	23 BLK STR	763@\$163.50		
AXTELL	5 XBRD STR	658@\$163.50		
AXTELL	3 BLK STR	610@\$161.00		
WAMEGO	1 BLK STR	655@\$161.00		
WESTMORELAND	3 BLK STR	660@\$160.50		
FRANKFORT	6 XBRD STR	745@\$159.50		
BREMEN	20 BLK STR	681@\$159.50		
VERMILLION	56 BLK STR	750@\$159.00		
SUMMERFIELD	21 BLK STR	863@\$159.00		
FRANKFORT	12 MIX STR	759@\$157.75		
WATERVILLE	13 BLK STR	710@\$157.50		
GREEN	14 BLK STR	773@\$156.75		
FILLEY,NE	3 XBRD STR	726@\$156.50		
BREMEN	11 BLK STR	701@\$155.50		
SENECA	7 BLK STR	815@\$155.00		
BLUE RAPIDS	5 BLK STR	739@\$155.00		
BAILEYVILLE	59 BLK STR	912@\$154.25		
WATERVILLE	6 BLK STR	721@\$154.00		
TOPEKA	4 RED STR	675@\$154.00		
OKETO	2 BLK STR	727@\$154.00		
CENTRALIA	3 BLK STR	695@\$153.50		
FRANKFORT	19 MIX STR	872@\$151.25		
FRANKFORT	39 MIX STR	768@\$150.25		
WATERVILLE	5 MIX BULL	681@\$150.00		
GREENLEAF	113 BLK STR	953@\$149.85		
GREEN	29 BLK STR	882@\$148.75		
ONAGA	62 MIX STR	881@\$148.50		
HANOVER	6 BLK STR	844@\$148.00		
AXTELL	22 BLK STR	905@\$147.50		
BAILEYVILLE	62 MIX STR	830@\$147.25		
BREMEN	15 BLK STR	883@\$145.00		
BAILEYVILLE	62 MIX STR	860@\$144.25		
FRANKFORT	57 MIX STR	920@\$143.75		
FRANKFORT	3 XBRD STR	706@\$141.50		
FRANKFORT	5 BWF STR	759@\$140.50		
MARYSVILLE	2 WF BULL	622@\$140.00		
MARYSVILLE	5 BLK STR	814@\$138.00		
MARYSVILLE	3 WF BULL	490@\$134.00		
WYMORE,NE	1 BLK STR	485@\$131.00		
SUMMERFIELD	3 BLK STR	1,045@\$128.00		
WESTMORELAND	1 BLK STR	1,005@\$125.00		
BAILEYVILLE	4 XBRD BULL	862@\$105.50		
FRANKFORT	1 BLK BULL	955@\$97.00		
BERN	1 BLK BULL	1,185@\$94.00		
HEIFERS				
WAMEGO	4 BLK HFR	351@\$187.00		
WATERVILLE	7 BLK HFR	425@\$180.00		
SENECA	2 BLK HFR	330@\$180.00		
BREMEN	4 BLK HFR	472@\$175.00		
MANHATTAN	3 BLK HFR	400@\$174.00		
CUBA	3 XBRD HFR	440@\$169.00		
ONAGA	8 BLK HFR	453@\$168.00		
PALMER	3 BLK HFR	451@\$166.00		
SENECA	7 BLK HFR	485@\$165.00		
WATERVILLE	1 BLK HFR	440@\$161.00		
MARYSVILLE	1 BLK HFR	445@\$157.00		
FRANKFORT	2 BLK HFR	512@\$157.00		
CENTRALIA	3 BLK HFR	538@\$156.50		
BERN	3 BLK HFR	515@\$156.00		
BREMEN	8 BLK HFR	527@\$155.50		
WASHINGTON	3 BLK HFR	545@\$154.50		
ONAGA	7 XBRD HFR	518@\$154.50		
WATERVILLE	4 BLK HFR	605@\$154.50		
SENECA	46 BLK HFR	594@\$153.25		
PALMER	8 BLK HFR	529@\$153.00		
SENECA	11 BLK HFR	582@\$150.50		
BREMEN	28 BLK HFR	636@\$150.50		
FRANKFORT	6 XBRD HFR	543@\$150.00		
WATERVILLE	13 BLK HFR	653@\$149.50		
CENTRALIA	3 XBRD HFR	580@\$149.50		
AXTELL	7 MIX HFR	604@\$149.50		
MARYSVILLE	1 BLK HFR	590@\$148.00		
LINN	22 BLK HFR	813@\$147.75		
SENECA	15 BLK HFR	733@\$147.25		
GREENLEAF	14 XBRD HFR	580@\$146.50		
FRANKFORT	10 XBRD HFR	769@\$146.25		
AXTELL	21 BLK HFR	828@\$145.85		
HOLLENBERG	10 BLK HFR	717@\$145.50		
SENECA	1 BLK HFR	685@\$145.50		
BLUE RAPIDS	3 BLK HFR	593@\$145.00		
GREEN	7 BLK HFR	749@\$144.00		
GREENLEAF	12 XBRD HFR	678@\$142.75		
MARYSVILLE	3 BLK HFR	790@\$142.00		
CENTRALIA	1 BWF HFR	660@\$140.00		
MARYSVILLE	4 BLK HFR	671@\$139.50		
FRANKFORT	130 MIX HFR	795@\$139.35		
CORNING	2 MIX HFR	662@\$139.00		
BREMEN	1 BWF HFR	550@\$138.00		
GREEN	25 BLK HFR	816@\$138.00		
BREMEN	2 RED HFR	630@\$138.00		
MANHATTAN	1 BLK HFR	615@\$138.00		
FILLEY,NE	7 BLK HFR	835@\$137.75		
WATERVILLE	6 BLK HFR	724@\$137.25		
BLUE RAPIDS	3 BLK HFR	721@\$137.00		
WATERVILLE	15 BLK HFR	562@\$137.00		
FRANKFORT	6 MIX HFR	663@\$136.50		
MARYSVILLE	2 BLK HFR	665@\$135.50		
FRANKFORT	2 BWF HFR	815@\$134.00		
FRANKFORT	46 MIX HFR	747@\$133.75		
HFRETES				
FILLEY,NE	4 MIX HFRT	903@\$132.75		
WASHINGTON	10 RED HFRT	955@\$129.50		
PALMER	1 XBRD HFRT	905@\$129.00		
GREEN	1 BLK HFRT	940@\$125.50		
SUMMERFIELD	1 BLK HFRT	1,005@\$124.00		
SUMMERFIELD	3 MIX HFRT	895@\$121.00		
OKETO	1 BWF HFRT	875@\$118.00		
WASHINGTON	3 MIX HFRT	821@\$116.00		
WASHINGTON	2 MIX HFRT	815@\$113.00		
WASHINGTON	1 BLK HFRT	1,050@\$95.00		
OKETO	1 BLK HFRT	1,075@\$95.00		
COWS				
WASHINGTON	1 BLK COW	1,205@\$87.00		
MARYSVILLE	1 BWF COW	1,220@\$85.00		
WASHINGTON	1 XBRD COW	1,580@\$79.75		
SENECA	1 BLK COW	1,220@\$79.50		
MANHATTAN	1 BLK COW	1,265@\$79.00		
MARYSVILLE	1 BLK COW	1,295@\$79.00		
WASHINGTON	2 BLK COW	1,177@\$79.00		
BURCHARD,NE	1 BWF COW	1,520@\$78.50		
WASHINGTON	1 BLK COW	1,110@\$78.00		
WASHINGTON	2 BLK COW	1,417@\$78.00		
WASHINGTON	1 BLK COW	1,155@\$77.50		
SUMMERFIELD	1 BLK COW	1,620@\$77.50		
BERN	1 XBRD COW	1,120@\$77.50		
FRANKFORT	1 BWF COW	1,230@\$76.50		
GREENLEAF	1 BLK COW	1,675@\$76.50		
WHEATON	1 BWF COW	1,620@\$76.00		
WASHINGTON	1 BLK COW	1,740@\$75.50		
WHEATON	1 BLK COW	1,325@\$75.50		
HANOVER	1 BLK COW	1,300@\$75.00		
BERN	1 BLK COW	1,785@\$75.00		
BERN	1 BLK COW	1,355@\$75.00		
FRANKFORT	1 BLK COW	1,020@\$74.00		
WHEATON	1 BLK COW	1,570@\$74.00		
BREMEN	1 BLK COW	1,435@\$74.00		
MANHATTAN	1 WF COW	1,925@\$74.00		
MANHATTAN	4 MIX COW	1,356@\$73.50		
PALMER	1 BLK COW	1,675@\$73.50		
FRANKFORT	1 XBRD COW	1,230@\$73.50		
SENECA	1 WF COW	1,665@\$73.50		
MANHATTAN	3 BLK COW	1,333@\$73.50		
MANHATTAN	4 BLK COW	1,412@\$72.75		
MARYSVILLE	1 BLK COW	1,265@\$72.50		
MANHATTAN	1 CHAR COW	1,345@\$72.00		
WHEATON	1 WF COW	1,410@\$72.00		
BERN	1 BLK COW	1,400@\$72.00		
VERMILLION	1 BLK COW	1,340@\$71.50		
WASHINGTON	1 BLK COW	1,250@\$71.50		
WASHINGTON	1 RED COW	1,035@\$71.00		
MANHATTAN	4 BLK COW	1,170@\$71.00		
WHEATON	1 BLK COW	1,580@\$71.00		
WATERVILLE	1 BLK COW	1,400@\$70.50		
HANOVER	1 BLK COW	1,080@\$70.00		
SENECA	1 BLK COW	1,900@\$69.50		
MANHATTAN	1 XBRD COW	1,145@\$69.00		
MARYSVILLE	1 BLK COW	1,140@\$69.00		
MARYSVILLE	1 BLK COW	1,250@\$69.00		
MANHATTAN	2 BLK COW	1,130@\$68.50		
MANHATTAN	1 BLK COW	1,355@\$68.50		
MARYSVILLE	1 WF COW	1,265@\$68.50		
LIBERTY,NE	1 RED COW	1,690@\$68.50		
MANHATTAN	4 XBRD COW	1,163@\$67.50		
HANOVER	1 BLK COW	1,250@\$67.50		
BURCHARD,NE	1 BLK COW	1,445@\$67.00		
BREMEN	1 XBRD COW	1,095@\$66.50		
WATERVILLE	1 BWF COW	1,595@\$66.50		
MARYSVILLE	1 WF COW	1,200@\$66.00		
MARYSVILLE	1 BLK COW	1,160@\$66.00		
AXTELL	1 RED COW	1,150@\$65.50		
WHEATON	1 WF COW	975@\$63.50		
SENECA	1 XBRD COW	1,350@\$62.50		
ADULT BULLS				
MARYSVILLE	1 BLK BULL	1,870@\$92.00		
MARYSVILLE	1 BLK BULL	2,275@\$90.50		
MARYSVILLE	1 BLK BULL	1,835@\$90.00		
FRANKFORT	1 BLK BULL	1,525@\$90.00		
RANDOLPH	1 RED BULL	1,700@\$88.50		
MORROWVILLE	1 RED BULL	1,535@\$88.50		
HANOVER	1 BLK BULL	2,090@\$87.00		
PALMER	1 BLK BULL	1,890@\$83.50		
BLUE RAPIDS	1 BLK BULL	1,840@\$83.00		
SENECA	1 CHAR BULL	2,025@\$81.50		
EARLY CONSIGNMENTS FOR 8/10/2017				
26 BLK STRS/HFRS	500-600#	V HR		
32 BLK STRS/HFRS	550-650#	WV HR		
13 MIX STRS	800-850#	WV OG		
60 MIX HFRS	800-850#	WV		
30 MIX STRS	850-875#	WV		
12 BLK STRS	850-900#	WV HR OG		
60 BLK STRS	875-900#	WV OG		
FIELDMEN				
Jim Dalinghaus	Dave Bures, Auctioneer	Jeff Cook	Greg Anderson	Trevor Lundberg
785-799-5643	402-239-9717	785-564-2173	785-747-8170	785-770-2271
Baileyville, KS	Odell, Nebraska	Hanover, KS	Waverille, KS	Frankfort, KS
Barn Phone • 785-562-1015 www.marysvillivelivestock.com				

# Control volunteer wheat to stop the Wheat Streak Mosaic Virus

Wheat Streak Mosaic was detrimental to the western Kansas wheat crop this year.

On average, WSMV causes \$75 million in losses to Kansas wheat farmers every year, but this year's losses were much higher. Wheat Streak Mosaic can cause a yield loss of more than 80 percent. If we take preventative measures now, future yields will improve exponentially. Prevention is the only method, so stop the streak now.

The virus is spread by the wheat curl mite, which feeds on wheat and other grasses.

The best way to prevent

the spread of the wheat streak mosaic virus is to remove volunteer wheat and other grassy weeds. Volunteer wheat must be completely dead and dry for two weeks before planting a new wheat crop. Volunteer wheat and other grassy weeds can be killed with herbicides or tillage.

A second management practice to limit the spread of the virus is to avoid early planting. Plant wheat after the "Hessian fly free date" for your area. In some areas in western Kansas where there is no Hessian fly-free date, farmers should choose to wait until late Septem-

ber or October to plant their wheat. Planting after these dates will reduce the risk for the new wheat crop and reduce wheat curl mites from moving to new locations of wheat.

In addition, there are a few wheat varieties with moderate resistance to this devastating disease. Hard white wheats Joe and Clara CL as well as hard red winter wheat Oakley CL have performed well in areas with wheat streak mosaic.

Kansas Wheat Commissioner Jason Ochs, who farms in Hamilton County, says his area was hit particularly hard this year with WSM. However, Ochs plants

exclusively hard white wheat, and his fields were mostly spared.

"Two hard white wheat varieties that performed well for my farm this year were Joe and Clara CL," said Ochs. "By planting these resistant varieties and making the choice to plant later, we weren't hit as hard by Wheat Streak Mosaic Virus as many of my neighbors were."

"It is absolutely essential to control volunteer wheat," he says. "Because of the weather conditions, there's likely to be more volunteer this fall than last year. Even though money is tight in wheat right now, we

are limiting future profits if we don't get rid of it for two full weeks before planting."

Ochs continued, "Our choices are to spend a little bit of money this fall, or lose a lot of money next harvest."

This resistance is not perfect and these plants may still be susceptible to triticum mosaic or high plains mosaic. The resistance to wheat streak mosaic is less effective at temperatures above 75 degrees Fahrenheit. Therefore, planting these varieties early for grazing can place fields at risk for disease-related yield losses.

Researchers at Kansas State University are developing a trait, Wsm3, that is highly resistant to both wheat streak mosaic and triticum mosaic viruses. Bernd Friebe, a research professor with the Wheat Genetic Resources Center in the Department of Plant Pathology said the Wsm3 gene is just the third gene known to provide resistance to the virus - and the first that can do so at outdoor temperatures of 75 degrees Fahrenheit and higher.

The first two genes known to provide resistance to the virus were Wsm1 - identified by Kansas State University about 25 years ago - and

Wsm2, which was discovered by researchers at Colorado State University.

But those two genes only provide protection in lower temperatures. Used in combination with Wsm1 or Wsm2, the warm-weather friendly Wsm3 could become part of a breeding mix that can give farmers' much-needed relief, Friebe said.

The new Wsm3 germplasm has been released through the Kansas Agricultural Experiment Station. It is currently available to breeders through the National Science Foundation's Industry/University Cooperative Researcher Centers program - whose members have immediate access to the germplasm - but will also be available to public breeding programs in two years.

Through traditional breeding processes, it can take several years before resistance genes show up in varieties available for planting. A new variety with the Wsm3 gene should be released for Foundation seed in about three years, making it available to farmers the following year.

For more information, visit kswheat.com/stophes-treak.




This 121-pound Speckle lamb owned by Reece Langvardt was awarded reserve champion market lamb honors at the Geary County Free Fair.



Tucker Lietzan won grand champion market lamb honors with his 131-pound Hampshire at the Geary County Free Fair.

## Creep feeding beef calves increases your profits!

Key 16 Calf Creep Pellet is recommended 30 to 60 days before weaning. The extra weight gain will produce \$25 to \$50 return per calf over creep feed costs. Delivery in bulk or bags is available. Contact your local Key Feeds representative.



**Fourth & Pomeroy Associates, Inc.**

**CALL KEY FEEDS TODAY**

### 1-800-432-7423

OFFICE  
Clay Center, Kansas 67432  
BYRON THORESON • 785-630-0161  
Minneapolis Location: JAMES CARR • 785-630-0491  
Tipton Location: TIM WILES • 785-630-1049  
ROD BOHN • 785-630-0846



The grand champion sheep showman at the Geary County Free Fair was Rebekah Thomas.

## JC LIVESTOCK SALES INC.

Wednesday Sale, Hogs NOON • Cattle 12:30 PM

Report from August 2, 2017:

STEERS				HEIFERS				
1	370	188.00	3	897	147.00	1	420	164.00
10	518	185.00	14	915	142.50	9	503	159.00
6	562	180.00	945	141.25	13	543	155.50	
6	587	179.00			19	632	152.25	
7	606	175.00			30	632	151.00	
34	593	172.25			22	639	150.00	
9	614	169.00			19	675	148.00	
15	664	166.00			21	676	148.00	
12	704	164.00			16	718	146.00	
13	697	162.00			10	685	145.00	
9	764	161.75			18	705	143.50	
55	760	160.75			12	727	140.50	
31	779	160.60			8	749	140.00	
21	762	160.25			5	788	139.00	
70	799	158.35			4	783	135.50	
8	792	158.10			23	834	134.00	
21	810	155.60			14	897	127.50	
58	806	154.75			13	977	125.00	
19	854	154.00						
20	822	153.25						
23	845	151.25						
23	882	148.50						

**TOP BUTCHER COW**  
\$80.00 @ 1,450 lbs.

**TOP BUTCHER BULL**  
\$95.50 @ 1,665 lbs.

**BRED COWS:**  
\$850 to \$1,725

**PAIRS:**  
\$1,410 to \$1,550

**SOWS: No Test**

**FAT HOG TOP was**  
\$51.00 @ 285 lbs.

**PIGS: No Test**

**CONSIGNMENTS FOR AUGUST 9, 2017**

250 Blk X Hftrs	700-800 lbs.	Off Grass
60 Blk X Hftrs	775-850 lbs.	Off Grass
120 Blk X Hftrs	850-950 lbs.	Off Grass
120 Blk X Strs	850-925 lbs.	Off Grass
40 Blk X Strs	650-750 lbs.	Off Grass

PLUS MORE BY SALE DAY!

**CONSIGNMENTS FOR AUGUST 16, 2017**

157 Blk X Strs	875-925 lbs.	Off Grass
----------------	--------------	-----------

PLUS MORE BY SALE DAY!

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

## CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

Report from August 1, 2017:

STEERS				HEIFERS				
2	278	191.00	7	459	159.00	7	398	166.00
9	502	175.50	18	530	153.25	6	389	162.50
5	572	165.00	9	606	149.00	6	458	159.50
4	634	162.00	4	746	136.00			
7	601	161.00	6	921	133.00			
8	632	156.75	7	977	127.00			
10	664	156.00						
8	739	151.25						
1	855	141.50						

**TOP BUTCHER COW:**  
\$78.50 @ 1,555 lbs.

**TOP BUTCHER BULL:**  
\$92.75 @ 1,640 lbs.

**BRED COWS: No Test**

**PAIRS: No Test**

**UPCOMING SALE SCHEDULE**

- August 8: Cattle Sale
- August 22: Cattle Sale
- August 29: Cattle Sale
- Sept. 2: Sheep & Goat Sale
- Sept. 5: NO SALE due to Labor Day Holiday!
- Sept. 12: Special Anniversary Sale

**CONSIGNMENTS FOR AUGUST 15 CATTLE SALE:**

45 Blk X Strs	750-850 lbs.
40 Blk X Strs	775-850 lbs.
40 Red X Strs	700-900 lbs.
25 Blk X Strs/Hftrs	550-700 lbs.
40 Blk X Strs/Hftrs	600-750 lbs.

PLUS MORE BY SALE DAY!

## EMPORIA LIVESTOCK SALE CO.

Bonded & Insured

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

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

Date: 08/02/17 Total head count: 2308. COWS: \$72-79.00;  
\$65-\$71.75; \$64 & down. BULLS: \$92-96.00.

HEIFERS		6 mix		787@148.50	
11 blk	652@149.00	26 Char	756@144.00		
15 mix	608@146.25	170 mix	834@152.50		
6 blk	642@141.00	99 mix	836@151.85		
31 blk	609@139.00	12 blk	804@150.00		
117 mix	759@144.75	38 blk	831@149.00		
11 blk	740@144.00	16 Char	816@148.50		
121 mix	775@142.70	6 mix	818@147.50		
5 bkbwf	717@139.50	30 bkbwf	857@147.25		
147 blk	845@140.60	27 mix	850@146.00		
61 mix	858@139.00	88 blk	877@145.50		
81 blk	889@138.25	111 mix	879@145.50		
8 blk	841@137.75	17 mix	888@145.00		
10 mix	825@136.50	9 mix	862@143.75		
10 mix	881@134.75	17 mix	875@143.00		
16 blk	909@136.50	13 bkbwf	897@140.75		
42 blk	958@136.25	82 mix	895@140.60		
		5 mix	849@135.50		
		33 mix	901@143.25		
		60 blk	908@143.00		
		61 mix	907@142.50		
		80 bkbwf	942@140.25		
		26 mix	943@140.10		
		36 mix	940@139.00		
		20 mix	937@138.50		
		45 mix	971@138.50		
		5 mix	990@136.50		
		9 mix	995@136.50		
		52 mix	1000@137.25		
		12 mix	1004@135.75		

**EARLY CONSIGNMENTS FOR AUG. 9th**

- 15 blk & Hereford strs & hftrs, 550-700 lbs
- 15 blk red & Char strs & hftrs, 600-700 lbs
- 120 blk & bwf strs & hftrs, 600-750 lbs
- 42 blk strs & hftrs, 600-750 lbs
- 39 Char Angus X strs & hftrs, 600-850 lbs
- 155 blk red & Char hftrs, 750-850 lbs
- 25 blk red & Char strs, 800-850 lbs
- 95 blk red & Char strs, 800-900 lbs
- 30 blk hftrs, 875-925 lbs

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

For Cattle Appraisals Call:  
BRODY PEAK, 620-343-5107      GLENN UNRUH, 620-341-0607  
LYLE WILLIAMS, Field Representative, 785-229-5457  
WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.  
emporialivestock.com

**Visit our new website at jccclivestock.com**

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

Seth Lauer 785-949-2285, Abilene

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

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

**Radio Market Reports**  
KFRM 550  
Tues. & Wed.  
8:00 am

**KARL LANGVARDT**  
Cell: 785-499-2945

**MITCH LANGVARDT**  
Cell: 785-761-5814

**LYNN LANGVARDT**  
Cell: 785-761-5813

**Radio Market Reports**  
KCLY-Fm 100.9  
Tues. 6:45 a.m.

# Blue/Green Algae Take Away From Informational Meeting

By Jody Holthaus,  
Livestock and Natural  
Resources Agent,  
Meadowlark Extension  
District

We hosted a successful informational meeting about Blue/Green algae. Dr Gregg Hanzlicek from the K-State Veterinary Diagnostics lab presented the info about the toxic algae and my coworker David Hallauer talked about all the other green stuff and scum on ponds.

My take away, this is sort of the Cliff Notes on the meeting. If you have had

BG algae in the past you will have it again, mostly due to warm weather, no wind, sunlight and nutrients in the pond. There have already been some cattle deaths in western Kansas, just a matter of time for eastern Kansas. Dogs are usually the most affected, because they will jump in any kind of water.

When you see the blueish-green-looking like spilled paint, if you stick your hand in it, and it looks like grains of sand, then you have it. If the green is small plants with roots, then you

have duck weed.

When the Blue/Green algae dies, it lets off the toxins, then the wind can blow all of this scum into one area. It's when cattle drink from these areas, that they can become sick and die. It's either a very quick death, within hours or it can cause liver failure, which can take awhile. Fencing off the pond areas with the scum and letting cattle drink in the open areas is safe.

Most of our septic ponds have Blue/Green algae, so be sure to have them fenced to keep your dogs out of there (I think that's a regulation anyway). If you put some livestock in the lagoon to graze it down, they can

become ill.

The KDHE has a jar and stick method of checking to see if you have Blue/Green algae. You can find the details at our website: www.meadowlark.ksu.edu. OR you can send a water sample to the KSU Vet Diagnostic lab, they cost \$21.50. Our office can assist you with those details.

There tends to be less incidence of toxic algae in native grass pastures, but doesn't mean it can't happen. When you check your cows in the pasture, be sure to check the ponds each time. This can form quickly.

As for the rest of the green stuff in your ponds. David Hallauer says figuring out which aquatic weed

you have is half the battle. We have a handy publication that you can pick up that will aid you or Texas A & M has a website that has nice color photos, to help you decide.

Grass carp can aid in the control of mosses; they don't do much for the marginal weeds and they like to travel, so if the pond is over the spillway, your fish are probably gone. David recommends restocking them every few years.

As the summer continues, we will probably see more of these problems. I'm hoping for a big rain that will eliminate this problem!

Even Sideways GRASS & GRAIN can take care of all your advertising needs!

## Rancher, Farmer Fisherman to feature Kansas producer Justin Knopf

The new documentary *Rancher, Farmer, Fisherman* tells the inspiring story of heartland heroes of conservation who are feeding the world while stewarding the land and water. According to their promotional materials, the film is a tribute to people like Justin Knopf, a fifth-generation Kansas farmer revolutionizing "industrial scale" agriculture to rebuild the fertility, biodiversity and resilience of his soils and protect downstream waters from pollution. Knopf is making long-term investments to ensure that the next generations of farmers will inherit fertile, productive lands.

Based on the book by best-selling author Miriam Horn of Environmental Defense Fund, *Rancher, Farmer, Fisherman* was directed by Oscar nominee and Emmy winner Susan Froemke and Emmy winner John Hoffman, and narrated by award-winning journalist Tom Brokaw. The film premiered to great acclaim at the Sundance Film Festival and will be broadcast on the Discovery Channel August 31st.



Grant Roeser's 308-pound Crossbred hog was selected as reserve champion market hog at the Geary County Free Fair.



Kacey Butler won grand champion honors at the Geary County Free Fair with her 268-pound Crossbred in the market wwine division. Butler was also tapped as grand champion swine showman.

**Central Livestock**  
811 N. Main St.  
South Hutchinson, Ks

www.centrallivestockks.com

Office: 620-662-3371

or Matt Hoffman (Owner): 620-727-0913  
Hay Auction- Every Tuesday at 9:00 a.m.  
Cattle Auction- Every Tuesday at 10:00 a.m.  
Hog/Sheep/Goat Auction- Every 3rd Saturday  
Horse/Tack Auction- Every 1st Saturday

Sat., Aug. 19th- Hog/Sheep/Goat Sale  
Tues., Aug. 22nd- Holstein Special  
Tues., Sept. 12th- Calf/Yearling Special

**Holton Livestock Exchange, Inc.**

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

Livestock Auction every Tuesday at 12 NOON  
Serving the Midwest Livestock Industry for 64 Years!  
\*\*\*\*STARTING TIME: 12:00 NOON\*\*\*\*

MARKET REPORT FOR TUESDAY, AUGUST 1, 2017  
RECEIPTS: 686 CATTLE

STEERS		HEIFERS	
7 blk bwf str	375@202.50	3 blk hfrs	355@164.00
4 blk bwf	435@187.50	4 blk bwf hfrs	418@162.50
12 blk red str	497@179.50	3 blk hfrs	443@155.00
2 blk str	455@177.50	4 blk hfrs	572@150.00
13 blk bwf str	497@171.00	10 blk hfrs	653@147.00
2 blk str	620@166.00	4 blk hfrs	396@146.00
3 blk bwf str	513@165.00	5 blk hfrs	680@144.00
17 blk gry str	604@164.00	10 blk red hfrs	625@141.50
2 blk str	647@159.00	11 blk bwf hfrs	538@141.50
13 bwf rwf str	637@155.00	129 mix hfrs	777@141.00
2 blk bwf str	570@154.00	9 blk bwf hfrs	662@139.50
1 blk bwf str	570@154.00	9 blk bwf hfrs	613@139.50
5 bwf rwf str	645@154.00	4 blk herf hfrs	508@135.50
2 blk bwf str	687@145.00	2 bwf rwf hfrs	652@135.00
3 bwf rwf str	556@144.50	5 blk bwf hfrs	616@134.50
4 rwf bwf str	648@144.00	4 blk hfrs	709@133.00
3 bwf rwf str	553@143.00	7 bwf rwf hfrs	695@130.00
4 rwf bwf str	567@141.00	3 bwf hfrs	601@129.50
3 blk red str	751@140.00	2 blk hfrs	772@126.00
2 blk bwf str	800@140.00		
3 bwf rwf str	775@134.00		

AUGUST 8—REGULAR WEEKLY AUCTION—12 NOON

60 blk fall calving cows, 3-5 yrs, bred blk angus & char bulls	35 blk, bwf s&h 700-850
260 blk s&h 600-800 W&Vacc grass	130 blk, bwf hfrs 775-800 off grass
96 blk s&h 650-850 W & Vacc	65 blk, bwf str 825-875 off grass

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

View our auctions live at "lmauctions.com"

**Eureka Livestock Sale**

P.O. Box 267 Eureka, KS 67045  
620-583-5008 Office 620-583-7475

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

Like Us On Facebook!

On Thursday, August 3 we had 1,592 head of cattle on a higher market.

STEERS		HEIFERS	
4 bkbw	255@192.00	6 bkChar	288@175.00
3 rdChar	317@191.00	6 bkred	422@164.00
4 bkred	429@179.00	9 bwfrbf	706@161.00
3 blk	512@174.00	7 Gelv	739@160.25
25 blk	585@172.00	10 bkbfw	736@159.00
10 blk	552@170.00	8 blk	757@155.00
14 blk	617@168.75	7 blk	556@151.00
10 bkbw	615@168.50	13 bkred	578@150.00
12 blk	592@168.00	14 blk	661@149.50
4 bkbw	650@166.00	8 blk	594@148.50
20 blk	667@164.75	12 bkChar	698@145.00
9 bwfrbf	706@161.00		
7 Gelv	739@160.25		
10 bkbfw	736@159.00		
11 blk	757@155.00		
9 bkbw	754@155.00		
15 blk	729@153.00		
24 bkbw	796@151.00		
8 LimX	734@150.00		
10 blk	630@145.00		
9 bkChar	605@144.50		
7 bkbw	696@143.50		
8 blk	646@143.25		
49 bkred	733@142.75		
7 blk	838@141.75		
76 bkbw	809@140.90		
24 bwfrbf	781@140.25		
9 bkred	645@139.00		
65 bkbw	888@138.70		
8 bksim	788@138.25		
57 rdChar	845@137.50		
16 Xbred	730@136.25		
11 Sim	623@135.00		
10 Sim	677@134.00		
50 bkred	846@133.25		
7 blk	707@131.75		

Butcher Cows: \$61-\$80.50, Mostly \$67-\$77.00, \$1-2 higher, very active.  
Butcher Bulls: \$79-\$102.00, Mostly \$97-\$99.00, \$1-2 higher, very active.

BUTCHER COWS		BUTCHER BULLS	
1 bwf	1165@80.50	1 blk	1770@102.00
1 blk	1350@79.00	1 blk	1730@102.00
1 Brangus	1290@78.50	1 blk	1565@101.50
1 red	1220@77.50	1 blk	1655@101.00
6 Brangus	1219@76.00	1 wf	2245@100.00
1 Brangus	1585@76.00	1 blk	1735@99.80
3 bwf	1475@75.00	1 blk	1860@99.00
5 blk red	1119@74.50		

**EARLY CONSIGNMENTS FOR AUG. 10**

- 270 mostly blk str & hfrs, 600-850 lbs, Fall calves
- 85 blk red str & hfrs, 500-650 lbs, Fall calves
- 200 blk red str & hfrs, 550-750 lbs, home raised, double vac, weaned, April 1 running on grass
- 70 mixed str, 825-900 lbs
- 40 blk red str, 850-925 lbs

**EARLY CONSIGNMENTS FOR AUG. 17**

- 35 fancy Angus & few bwf cows, 3-6 yrs old, start calving Sept. 1, bred to Angus bulls.

We appreciate your business!

Ron Ervin - Owner-Manager  
Home Phone - 620-583-5385  
Mobile Cell 620-750-0123  
Austin Evenson- Fieldman  
Mobile Cell 620-750-0222

If you have any cattle to be looked at call Ron or Austin

**EL DORADO**  
LIVESTOCK AUCTION, INC.

316-320-3212

Fax: 316-320-7159

2595 SE Highway 54, P.O. Box 622,  
El Dorado, KS 67042

Market Report - Sale Date 8-3-17. Head Count: 2,344.

300-400 lb. steers, \$120-\$180; heifers, \$125-\$159; 400-500 lb. steers, \$120-\$182; heifers, \$120-\$167; 500-600 lb. steers, \$120-\$165; heifers, \$115-\$151; 600-700 lb. steers, \$120-\$157; heifers, \$115-\$157; 700-800 lb. steers, \$120-\$154.75; heifers, \$115-\$147.50; 800-900 lb. steers, \$115-\$152; heifers, \$115-\$137.25; 900-1,000 lb. steers, \$115-\$147.25. Trend on Calves: Steady on limited test. Trend on Feeder Cattle: \$2 higher on Feeder Cattle. Butcher Cows: High dressing cows: \$65-\$79.50; Avg. dressing cows: \$55-\$65; Low dressing cows: \$40-\$55. Butcher Bulls: Avg. to high dressing bulls, \$85-\$95.50. Trend on Cows & Bulls: \$2 higher on Choice Cows.

**SPECIAL STOCKER/FEEDER SALE**  
THURSDAY, AUGUST 10 — 11:00 AM  
EXPECTING 2,250-2,500 HEAD

- 130 steers, off grass, 800-875 lbs.
- 550 steers & heifers, off grass, 750-800 lbs.
- 280 75% black steers
- 90 steers
- 120 steers & heifers
- 200 steers, 800-850 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 (316) 320-1005 (H) (316) 322-0675 (M)	Steven Hamlin (602) 402-6008 (H) (620) 222-1199 (M)
Larry Womacks, Fieldman (620) 394-3273 (H) (620) 229-0076 (M)	Van Schmidt, Fieldman (620) 367-2331 (H) (620) 345-6879 (M)

Cattle Sale Every Thursday 11:00 AM

# Plant scientists aim to turn sorghum into jet fuel

As members of a new federally funded bioenergy research center, two Nebraska plant scientists plan to spend the next five years working to expand the oil-producing capability of the sorghum plant.

The University of Nebraska-Lincoln is one of 15 institutions partnering with the University of Illinois in the \$104 million Center for Advanced Bioenergy and Bioproducts Innovation. Energy Secretary Rick Perry announced the new Department of Energy-funded research center July 17.

Biochemistry professor Edgar Cahoon and agronomy and horticulture professor Tom Clemente, members of the university's Center for Plant Science Innovation, will lead Nebraska's part of the project. They expect to receive slightly more than \$4 million for their research during the next five years. Their goal is to genetically enhance certain sorghum species so that the stems and leaves contain more oil and less starch. If they can do that, sorghum could rival soybeans in terms of oil production per acre.

"Vegetable oil is more energy-dense than carbohydrates like starch," Cahoon explained.

One advantage of oil-producing sorghum, Clemente said, is that sorghum is a sturdy, drought-tolerant crop that can be grown on more marginal lands than other farm crops.

"The idea is that you wouldn't be displacing land now used to grow corn, soybeans and cotton," Clemente said. "You could grow sorghum on marginal lands and have all of its oil used for industrial purposes."

Illinois, Nebraska and

two fellow Big Ten Institutions, the University of Wisconsin and Michigan State University, are amid Department of Energy efforts to develop and use biomass products as a sustainable energy resource. The new center at Illinois will join three previously created bioenergy research centers funded by the Department of Energy: The Great Lakes Bioenergy Research Center, led by Wisconsin in partnership with Michigan State; the Center for Bioenergy Innovation, led by the Oak Ridge National Laboratory; and the Joint BioEnergy Institute, led by

the Lawrence Berkeley National Laboratory.

"These centers will accelerate the development of the basic science and technological foundation needed to ensure that American industry and the American public reap the benefits of the new bio-based economy," Perry said in announcing that the Department of Energy would award \$40 million to the four research centers during the 2018 fiscal year.

The Illinois-based center will focus on three general priorities - the development of high-tech feedstocks that can synthesize

the molecules for bioproducts and biofuels directly in plant stems; new biologically based conversion systems to efficiently produce biodiesel, organic acids, jet fuels and other high-value molecules; and a sustainability framework to measure the project's bottom line in terms of economics and the environment.

Part of the feedstocks priority, Nebraska's research is to focus on sweet sorghum and biomass sorghum, tall plants whose leaves and stems now are used to make ethanol. Clemente and Cahoon are among researchers nationally who are investigating whether sorghum's novel chemistry and lignin content could produce high-value molecules that could replace petroleum in lubricants and plastics - even jet fuel.

Other researchers have been able to produce oil in tobacco, which has a broad leaf, but more work is needed to transfer the trait to a grassy plant like sorghum, Clemente said.

Among other center partners, the Brookhaven National Laboratory in New York, Iowa State University, the University of Illinois and the HudsonAlpha Institute for Biotechnology in Huntsville, Alabama, also will be exploring whether sorghum can be modified to produce more oil, Clemente and Cahoon said.

A key advantage is the center's laboratory-to-field-to-processing approach, Clemente said. After new plant varieties are developed in scientists' laboratories, they can be grown and processed on a pilot basis at Illinois' large-scale facilities.

## Grass & Grain Weather Report Aug. 8, 2017

Seven Day Forecast	In-Depth Local Forecast	Today's Local Outlook																																																								
<b>TUESDAY</b> Partly Cloudy High: 78 Low: 62	Today we will see partly cloudy skies with a high temperature of 78°, humidity of 59%. East northeast wind 5 mph. The record high temperature for today is 113° set in 1934. Expect partly cloudy skies tonight with an overnight low of 62°. East southeast wind 2 to 5 mph.																																																									
<b>WEDNESDAY</b> Mostly Cloudy High: 80 Low: 64	<b>Last Week's Almanac</b>																																																									
<b>THURSDAY</b> Isolated T-storms High: 80 Low: 64	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Hi/Lo</th> <th>Normals</th> <th>Precip</th> </tr> </thead> <tbody> <tr><td>7/28</td><td>89/68</td><td>92/68</td><td>0.00"</td></tr> <tr><td>7/29</td><td>85/66</td><td>92/68</td><td>0.00"</td></tr> <tr><td>7/30</td><td>83/64</td><td>92/67</td><td>0.00"</td></tr> <tr><td>7/31</td><td>76/64</td><td>92/67</td><td>0.07"</td></tr> <tr><td>8/1</td><td>86/59</td><td>92/67</td><td>0.00"</td></tr> <tr><td>8/2</td><td>89/63</td><td>92/67</td><td>0.03"</td></tr> <tr><td>8/3</td><td>82/65</td><td>92/67</td><td>0.37"</td></tr> </tbody> </table>	Date	Hi/Lo	Normals	Precip	7/28	89/68	92/68	0.00"	7/29	85/66	92/68	0.00"	7/30	83/64	92/67	0.00"	7/31	76/64	92/67	0.07"	8/1	86/59	92/67	0.00"	8/2	89/63	92/67	0.03"	8/3	82/65	92/67	0.37"																									
Date	Hi/Lo	Normals	Precip																																																							
7/28	89/68	92/68	0.00"																																																							
7/29	85/66	92/68	0.00"																																																							
7/30	83/64	92/67	0.00"																																																							
7/31	76/64	92/67	0.07"																																																							
8/1	86/59	92/67	0.00"																																																							
8/2	89/63	92/67	0.03"																																																							
8/3	82/65	92/67	0.37"																																																							
<b>FRIDAY</b> Cloudy High: 85 Low: 69	<b>This Week's Sun &amp; Moon Chart</b>																																																									
<b>SATURDAY</b> Partly Cloudy High: 84 Low: 68	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Last</th> <th>Day</th> <th>Sunrise</th> <th>Sunset</th> <th>Moonrise</th> <th>Moonset</th> <th>First</th> </tr> </thead> <tbody> <tr> <td>8/14</td> <td>Tuesday</td> <td>6:33 a.m.</td> <td>8:30 p.m.</td> <td>9:11 p.m.</td> <td>7:22 a.m.</td> <td>8/29</td> </tr> <tr> <td></td> <td>Wednesday</td> <td>6:34 a.m.</td> <td>8:28 p.m.</td> <td>9:46 p.m.</td> <td>8:22 a.m.</td> <td></td> </tr> <tr> <td></td> <td>Thursday</td> <td>6:35 a.m.</td> <td>8:27 p.m.</td> <td>10:19 p.m.</td> <td>9:24 a.m.</td> <td></td> </tr> <tr> <td></td> <td>Friday</td> <td>6:36 a.m.</td> <td>8:26 p.m.</td> <td>10:52 p.m.</td> <td>10:27 a.m.</td> <td></td> </tr> <tr> <td></td> <td>Saturday</td> <td>6:37 a.m.</td> <td>8:25 p.m.</td> <td>11:26 p.m.</td> <td>11:31 a.m.</td> <td>Full</td> </tr> <tr> <td></td> <td>Sunday</td> <td>6:38 a.m.</td> <td>8:23 p.m.</td> <td>Prev Day</td> <td>12:37 p.m.</td> <td>9/6</td> </tr> <tr> <td></td> <td>Monday</td> <td>6:39 a.m.</td> <td>8:22 p.m.</td> <td>12:02 a.m.</td> <td>1:43 p.m.</td> <td></td> </tr> </tbody> </table>	Last	Day	Sunrise	Sunset	Moonrise	Moonset	First	8/14	Tuesday	6:33 a.m.	8:30 p.m.	9:11 p.m.	7:22 a.m.	8/29		Wednesday	6:34 a.m.	8:28 p.m.	9:46 p.m.	8:22 a.m.			Thursday	6:35 a.m.	8:27 p.m.	10:19 p.m.	9:24 a.m.			Friday	6:36 a.m.	8:26 p.m.	10:52 p.m.	10:27 a.m.			Saturday	6:37 a.m.	8:25 p.m.	11:26 p.m.	11:31 a.m.	Full		Sunday	6:38 a.m.	8:23 p.m.	Prev Day	12:37 p.m.	9/6		Monday	6:39 a.m.	8:22 p.m.	12:02 a.m.	1:43 p.m.		
Last	Day	Sunrise	Sunset	Moonrise	Moonset	First																																																				
8/14	Tuesday	6:33 a.m.	8:30 p.m.	9:11 p.m.	7:22 a.m.	8/29																																																				
	Wednesday	6:34 a.m.	8:28 p.m.	9:46 p.m.	8:22 a.m.																																																					
	Thursday	6:35 a.m.	8:27 p.m.	10:19 p.m.	9:24 a.m.																																																					
	Friday	6:36 a.m.	8:26 p.m.	10:52 p.m.	10:27 a.m.																																																					
	Saturday	6:37 a.m.	8:25 p.m.	11:26 p.m.	11:31 a.m.	Full																																																				
	Sunday	6:38 a.m.	8:23 p.m.	Prev Day	12:37 p.m.	9/6																																																				
	Monday	6:39 a.m.	8:22 p.m.	12:02 a.m.	1:43 p.m.																																																					
<b>SUNDAY</b> Partly Cloudy High: 86 Low: 70	<b>Local UV Index</b> 0-2: Low, 3-5: Moderate, 6-7: High, 8-10: Very High, 11+: Extreme Exposure																																																									
<b>MONDAY</b> Partly Cloudy High: 84 Low: 68	<b>Weather History</b> Aug. 8, 1882 - A ship reported an August snowstorm on Lake Michigan. A thick cloud reportedly burst on the decks, covering them with snow and slush six inches deep. Snow showers were observed at shore points that day.	<b>Growing Degree Days</b>																																																								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Degree Days</th> <th>Date</th> <th>Degree Days</th> </tr> </thead> <tbody> <tr><td>7/28</td><td>28</td><td>8/1</td><td>22</td></tr> <tr><td>7/29</td><td>25</td><td>8/2</td><td>26</td></tr> <tr><td>7/30</td><td>23</td><td>8/3</td><td>23</td></tr> <tr><td>7/31</td><td>20</td><td></td><td></td></tr> </tbody> </table>	Date	Degree Days	Date	Degree Days	7/28	28	8/1	22	7/29	25	8/2	26	7/30	23	8/3	23	7/31	20																																						
Date	Degree Days	Date	Degree Days																																																							
7/28	28	8/1	22																																																							
7/29	25	8/2	26																																																							
7/30	23	8/3	23																																																							
7/31	20																																																									



Kati Fehlman received grand champion and Jenna Weeks received reserve champion in the round robin showmanship competition at the Geary County Free Fair.

# Sell At St. Marys

Cattle

By Auction

STARTING TIME 10:30 AM

Tuesdays

---

**We sold 2720 cattle August 1. We had a very good run of high quality fall calves, both weaned and not weaned. Calves sold \$3.00-\$5.00 higher. Feeder steers and heifers were \$3.00-5.00 higher. Cows and bulls sold \$2.00-3.00 higher.**

<p><b>STEER &amp; BULL CALVES</b></p> <p>4 blk/bwf str 405 @ 186.00</p> <p>9 blk str 481 @ 179.00</p> <p>18 blk/bwf str 540 @ 176.50</p> <p>1 blk str 335 @ 176.00</p> <p>1 blk str 460 @ 175.00</p> <p>5 bwf str 515 @ 175.00</p> <p>1 blk str 400 @ 165.00</p> <p>2 blk str 495 @ 160.00</p> <p>1 blk bull 505 @ 148.00</p> <p><b>STOCKER &amp; FEEDER STEERS</b></p> <p>9 blk str 560 @ 175.00</p> <p>9 blk/bwf str 649 @ 169.50</p> <p>34 blk/bwf str 669 @ 166.50</p> <p>55 blk str 639 @ 166.25</p> <p>18 blk str 667 @ 166.25</p> <p>38 blk/bwf str 674 @ 162.75</p> <p>6 blk str 659 @ 161.50</p> <p>38 blk str 727 @ 161.00</p> <p>88 blk/bwf str 774 @ 160.75</p> <p>4 blk/bwf str 580 @ 160.00</p> <p>37 blk str 795 @ 159.75</p> <p>70 blk/bwf str 781 @ 159.60</p> <p>33 blk/red str 742 @ 159.00</p> <p>117 mix str 768 @ 159.00</p>	<p>70 blk/bwf str 765 @ 158.75</p> <p>26 blk str 780 @ 157.00</p> <p>64 blk/bwf str 787 @ 157.00</p> <p>62 blk/bwf str 802 @ 154.10</p> <p>64 blk/bwf str 825 @ 153.85</p> <p>124 mix str 831 @ 153.75</p> <p>67 blk str 845 @ 151.25</p> <p>64 blk/bwf str 842 @ 150.75</p> <p>63 blk str 891 @ 150.10</p> <p>62 mix str 875 @ 149.00</p> <p>127 mix str 896 @ 146.00</p> <p>59 mix str 872 @ 145.25</p> <p>54 mix str 921 @ 144.25</p> <p>32 blk str 797 @ 144.00</p> <p>22 mix str 840 @ 144.00</p> <p><b>HEIFER CALVES</b></p> <p>11 blk/bwf hfrs 474 @ 161.00</p> <p>3 blk hfrs 537 @ 156.00</p> <p>3 blk hfrs 537 @ 155.00</p> <p>2 blk hfrs 540 @ 152.00</p> <p>2 blk hfrs 405 @ 151.00</p> <p>2 blk hfrs 418 @ 150.00</p> <p><b>STOCKER &amp; FEEDER HEIFERS</b></p> <p>12 blk hfrs 573 @ 155.00</p>	<p>10 blk hfrs 634 @ 153.50</p> <p>25 blk hfrs 688 @ 152.50</p> <p>25 blk/bwf hfrs 701 @ 151.75</p> <p>141 blk/char hfrs 682 @ 150.75</p> <p>74 blk/red hfrs 695 @ 150.75</p> <p>77 blk hfrs 632 @ 150.50</p> <p>4 blk hfrs 596 @ 150.00</p> <p>11 blk hfrs 606 @ 150.00</p> <p>8 blk/bwf hfrs 656 @ 150.00</p> <p>66 blk/bwf hfrs 749 @ 148.00</p> <p>134 blk/char hfrs 753 @ 147.85</p> <p>57 blk/red hfrs 753 @ 146.25</p> <p>7 blk/bwf hfrs 600 @ 146.00</p> <p>16 blk/bwf hfrs 621 @ 146.00</p> <p>5 blk/bwf hfrs 687 @ 146.00</p> <p>20 blk/bwf hfrs 618 @ 144.50</p> <p>69 blk/bwf hfrs 752 @ 143.25</p> <p>54 blk hfrs 765 @ 143.25</p> <p>759 @ 140.75</p> <p>12 blk hfrs 713 @ 140.50</p> <p>9 blk hfrs 809 @ 138.50</p> <p>6 blk hfrs 815 @ 138.50</p> <p>25 mix hfrs 796 @ 132.75</p> <p><b>COWS &amp; HEIFERETTES</b></p> <p>1 blk hfrt 965 @ 110.00</p> <p>1 sim hfrt 1015 @ 105.00</p> <p>2 blk hfrts 1038 @ 104.50</p>
---	--	---

---

**BREDS**

1 blk cow 1110 @ 63.50

1 blk cow 1215 @ 63.00

1 blk cow 1210 @ 62.00

**BRED COWS**

1 blk cow @ 1100.00

**BULLS**

1 blk cow @ 1000.00

1 blk bull 1720 @ 93.00

1 blk bull 1630 @ 91.00

1 blk bull 1420 @ 90.50

1 blk bull 1850 @ 88.00

CONSIGNMENTS FOR AUG. 8, 2017:

- 405 Hereford steers, 700-850 lbs., vacc., no implants, off grass, homeraised, from Brainard Cattle Co.
- 64 Angus hfrs, 800-825 lbs., Northern origin, off grass
- 64 blk str, 800-825 lbs., Northern origin, off grass
- 80 Angus steers, 700-800 lbs., weaned, vaccinated
- 40 black red steers, 650-800 lbs., vaccinated
- 65 black steers, 750-775 lbs., off grass
- 125 red/Char steers, 850-900 lbs., off grass
- 60 black steers, 800-850 lbs., off grass
- 61 black crossbred steers, 925-950 lbs.
- 40 packer cows

PLUS MORE BY SALE TIME!

CONSIGNMENTS FOR AUG. 15, 2017:

- 50 blk Simm cross str & hfrs, 550-750 lbs., weaned, vacc.
- 50 Angus bwf steers, 550-650 lbs., vaccinated
- 130 black steers, 775-825 lbs., off grass
- 62 black steers, 850-900 lbs., off grass

PLUS MORE BY SALE TIME!

WATCH OUR AUCTIONS LIVE ON

DVAuctions.com

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

FOR INFORMATION OR ESTIMATES:

REZAC BARN	ST. MARYS, 785-437-2785	LELAND BAILEY	TOPEKA, 785-286-1107
DENNIS REZAC	ST. MARYS, 785-437-6349	LYNN REZAC	ST. MARYS, 785-456-4943
DENNIS' CELL PHONE	785-456-4187	REX ARB	MELVERN, 785-224-6765
KENNETH REZAC	ST. MARYS 785-458-9071		

Livestock Commission Company, Inc.

St. Marys, Ks.

Toll Free Number.....1-800-531-1676

Website: [www.rezACLIVESTOCK.COM](http://www.rezACLIVESTOCK.COM)

AUCTIONEERS: DENNIS REZAC & REX ARB