



# Schwieterman Market Outlook

A marketing commentary by Bret Crofts

There wasn't much action in the corn or soybeans last week, where neither market built upon the big gains we saw the last Friday in August. Instead, we ended up seeing four days of consolidation and it seems that traders are waiting for the supply and demand data that will come out on Wednesday the 12th.

Wheat futures, on the other hand, were more active, and we saw some critical support failure and new multi-week lows. Production issues around the world are old news at

this point and we are now waiting for the demand to pick up. Eventually it will happen, but traders didn't care about "eventually" this week.

The supply and demand data will probably be a yawner for the wheat with few expected changes in the U.S. numbers and while world numbers should be supportive, it is not likely that we see any major changes. The average trade guess calls for a lower U.S. corn yield, which will be helpful, and world stocks are expected to slip a little as well.

The problems are going to come in the soybeans where traders are looking for a new record high yield estimate and a new record high world ending stocks figure.

The only way for the soybean market to overcome the bearish supply concerns is with better demand, and the most likely way for that to happen in the US is with normalized trade with China. There hasn't been any further progress on Chinese trade issues, so that may

get worse before it gets better.

The corn, at least, has the demand that it needs. USDA is likely under estimating demand at the moment and it is very likely that we see the U.S. ending stocks fall as we move through the crop year. First, however, we have to get past harvest, so we are in danger of new lows in the corn for at least six weeks. After that, it will be difficult for the bears to make a case.

Cattle and hogs had a good week. African Swine Fever in China has put some life into the hog market. The Lean Hog Index is at the lowest level since 2003, so that market needs some help. The Index is trying to turn higher, so perhaps we are carving out a long term bottom, which means that being

long hogs might be a good spec trade if you are into that sort of thing.

October feeder cattle moved through trend line resistance and through the 50-day moving average, so that chart is looking good. Deferred live cattle are within striking distance of the contract highs, which is putting some interest back into the feeder market. The charts suggest that new contract highs are likely in the February and April live cattle, so new contract highs are likely in the October feeders as well.

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](mailto:bret@swbell.net).

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.

## American Soybean Association joins Farmers for Free Trade

Recently the American Soybean Association (ASA), the voice for more than 30 soybean-producing states and 300,000 soybean farmers across America, announced that it will be joining Farmers for Free Trade.

The National Pork Producers Council, and multiple other agriculture, trade and commodity groups that are partnering with Farmers for Free Trade to strengthen support for trade in rural communities.

with appreciation the efforts of Farmers for Free Trade and the spirit of collaboration it has fostered to help ag and those industries related to agriculture and are happy to join their efforts."

level."

"We are thrilled to add the American Soybean Association to the momentum of this rapidly growing effort," said Lugar. "The American Soybean Association knows that promoting agriculture-friendly, bipartisan trade policies on Capitol Hill starts with organizing America's farmers at the grassroots level. With their help, we'll be able to mobilize even more farmers whose livelihoods depend on trade. Their organization will significantly increase the voice of farmers at both the state and federal level. During a period of uncertainty caused by the imposition of new tariffs and declining farm income, we are especially glad to welcome soybean farmers to this bipartisan cause."

Farmers for Free Trade is a bipartisan campaign co-chaired by former senators Max Baucus and Richard Lugar that is amplifying the voices of American farmers, ranchers and agricultural businesses that support free trade. The American Soybean Association joins the American Farm Bureau Federation,

Ryan Findlay, CEO of ASA, commented, "We need strong, likeminded allies to galvanize farmers in a collective call for solutions from the Administration and Congressional leaders on advocating for new trade agreements and expanding international markets. We have watched for some time and

"The American Soybean Association has been a leader in promoting free trade in the agriculture sector," said Baucus. "Their addition to this important bipartisan effort will be invaluable in expanding our reach to soybean farmers across the country. Right now, soybean farmers are bearing the brunt of the ongoing trade war. Working together with Farmers for Free Trade, we aim to amplify the voices of these farmers to ensure that decision makers in Washington D.C. know the pain that tariffs are causing at the local

level."

"We are thrilled to add the American Soybean Association to the momentum of this rapidly growing effort," said Lugar. "The American Soybean Association knows that promoting agriculture-friendly, bipartisan trade policies on Capitol Hill starts with organizing America's farmers at the grassroots level. With their help, we'll be able to mobilize even more farmers whose livelihoods depend on trade. Their organization will significantly increase the voice of farmers at both the state and federal level. During a period of uncertainty caused by the imposition of new tariffs and declining farm income, we are especially glad to welcome soybean farmers to this bipartisan cause."

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### LARGE BLACKSMITH AUCTION

**SATURDAY, SEPTEMBER 29 — 9:30 AM**  
15 MILES SOUTHWEST OF LAWRENCE, KANSAS

From Lawrence take Hwy 59 south 1/2 mile to hwy 458, then go 9 miles west to 1029, then go 1.5 miles south to 750, then west 1.5 miles. Or from Hwy 56 at Globe, Kansas go 4 miles north on 1029 and 1.5 miles west on 750 to sale site.

**RAIN DATE: SATURDAY, OCTOBER 6TH AT 9:30 AM**

**ANVILS:** 2-50#, 1-85, 1-100, 1-110, 1-115, 2-130, 1-131, 1-146, 1-147, 1-150, 1-240, 1-440, 1-500; Jewelers Anvil & Vise; Forges, 1 Is Keen Kutter; Forge Bellows; 2-6' Bellows; Swadge Blocks, 120 to 675; 3 Blacksmith Cones; 1 Hollow Mandrel; Morse Metal Cutting Hole Saws; Lots of Tongs, Hardies, Hammers & Nippers; Tinner Stakes; Blowhorn 3 Double Seaming Edwards #5 & 10 Shears; Blacksmith Vises; Farrier Step Vise; Bench Vises; Old Floor Punch; Gas Torch Set With Cart; AC & AC/DC Welders; Heavy Duty Welders Cart; Table; Rod; ATSF Heavy Cart; Heavy Duty Queen City Grinder; Hand Grinders; Pedal Grinders, 1 is Keen Kutter; Stones; Forge Blower Parts & Pan Parts; 500 & 1,000 lb. Platform Scales; Chandler #103 Belt Driven Pump, Cedar Rapids, Iowa; 1 Ton Chain Hoist; New Blades For Edwards Shear; Wall Drill Press; Drill Bits; Jacks: 24 Ton Simplex, 15 Ton Buda, & New Sampson #6; Scythes; Fullers; Cold & Hot Cutters; RR Light; RR Spike; Hammer Heads; 2 Man Crosscut Saw.

**MISCELLANEOUS:** Very Old Custer's Last Fight Picture; Old Books & Catalogues; Little Giant Parts Cat.; Manual Of Modern Blacksmithing, Copyright 1902, Excellent Condition; Anvils In America By R. Postman, 1998; Singer Featherweight Sewing Machine; Several Nice Old Children's Sewing Machines; Winchester, Western & Remington Calendars; Cardboard Shotgun Shells; Little Anvils; License Plates; 1911 Colt Leather Holster, Mfg. 1917; Winchester 5.56Mm 55 GR FMJ Powder; TNT Strong Box; Branding Iron Heater; Kemmer Wyoming Old Rifle Scores; Ice Tongs; Hay Hooks; RR Tie Tongs; Hammer Handles; 4 Man Camp Tent; Many More Interesting Items To Be Discovered.

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### AUCTION

**TUESDAY, SEPTEMBER 18, 2018 — 10:30 AM**

Having sold the Ranch, following sells at 6030 W. 333rd, LEBO, KS (from Lebo, KS exit 148 on I-35, 2 1/2 mi. North on Fauna Rd. turning into Hoch Rd., then 1 1/4 mi. East on 333rd St., making a soft right turn continuing on 333rd East 1/2 mi.

Kubota L3010D tractor; Land Pride 4' finish mower, 3 pt.; Stihl MM55c tiller, 4', 3 pt.; Stihl MM55c tiller, yard vac, sprayer, cart; 2 oblong fuel tanks; 4 alum. step or ext. ladders; DR string trimmer; 9+ steel feed storage boxes; solid oak pedestal dining table; Manor House china closet; modern oak side bar; 8 modern oak straight chairs; Century leather sectional sofa.

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2 AQHA mares, 2012, gray, gentle, 2006 sorrel, broke; selection of tools, life vests, water skis, fans, heaters, barn & stable items, MUCH MORE!

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With the welcome rain through the week there were muddy loading conditions making for a lighter run of cattle for our sale Friday, September 7th. However, the cattle offered were finding a very good demand at strong prices. Cull cows and bulls sold \$2-\$3 higher.

**STEER CALVES — 400-550 lbs**

Burlingame	7 bwf	432@208.00
Lawrence	3 Ang	400@205.00
Lawrence	35 blk	497@190.00
Riley	5 blk	444@190.00
Riley	4 blk	425@189.00
Riley	11 blk	494@188.00
Lawrence	7 Ang	485@187.50
Lawrence	3 blk	521@135.00

**STEERS — 550-750 lbs**

Lawrence	30 Ang	584@181.00
Riley	6 blk	558@179.50
Lawrence	35 Cross	590@178.25
Riley	18 blk	630@175.50
Riley	5 Cross	642@160.00
Riley	3 blk	730@151.50

**HEIFER CALVES — 400-550 lbs**

Riley	8 blk	409@173.50
Riley	5 blk	454@166.50
Riley	13 blk	534@156.50

**HEIFERS — 600-950 lbs**

Riley	6 Cross	617@153.50
Riley	11 blk	612@150.50
Burns	77 Cross	807@145.10
Oskaloosa	4 blk	942@126.00

**BABY CALVES**

Vermillion	1 blk	240@400.00
Wamego	1 blk	@240.00
	1 bwf	@260.00

**BULLS — 1,200-2,250 lbs**

Leavenworth	1 blk	1910@86.50
Olsburg	1 Simm	2250@85.50
Burlingame	1 Heref	1895@80.50
Oskaloosa	1 blk	1840@80.50
Oskaloosa	1 blk	1205@80.50
Alma	1 blk	1555@67.50

**COWS & HEIFERETTES — 800-1,800 lbs**

Alma	1 Cross	810@93.50
Onaga	1 blk	945@89.00
Onaga	1 blk	1165@73.50
Onaga	1 blk	940@73.00
Manhattan	1 blk	1065@71.00
St. George	1 Cross	1790@70.50
Leavenworth	1 blk	1555@70.00
Leavenworth	1 blk	1540@69.50
Blaine	1 blk	980@66.00
Onaga	1 blk	1410@64.00

**EARLY CONSIGNMENTS FOR SEPT. 14**

- 45 (30) bwf & (15) Herf str & hfrs, 1 complete rd Spring shots, 450-550 lbs
- 15 blk & bwf str & hfrs, 1 complete rd Spring shots, 450-550 lbs.
- 15 blk str & hfrs, long weaned, 600-625 lbs.
- 12 reputation blk OCV replacemnt hfrs, all shots, electric fence broke, off grass, 700-800 lbs.
- 16 blk str & hfrs, 1 rd shots, long weaned, 700-800 lbs.

**EARLY CONSIGNMENTS FOR SEPT. 21**

- 3 Registered Purebred Polled Charolais bulls, 12 to 15 months
- 4 Registered Purebred Polled Charolais yearling open heifers
- 24 blk str, off grass, 800-850 lbs.
- 24 blk & bwf str & hfrs, Spring shots, 500-600 lbs

**EARLY CONSIGNMENTS FOR SEPT. 28**

- 42 blk & red feeder hfrs, 800-850 lbs.

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# Kansas Hay Market Report

Hay market trade activity is light. Prices mostly steady and demand is fairly good. Market activity seems to have slowed slightly for all hay types. Although there has been only a slight improvement in the drought monitor for eastern Kansas, the recent rains have been a blessing. It is amazing how green the fields have become and hopefully that green-up will help extend hay supplies. Western Kansas continues to struggle getting hay put up due to high moisture and humid conditions, but most are expecting a fourth cutting. According to the U.S. Drought Monitor, conditions in Kansas improved enough to contract the abnormally dry category in the central and south central part of the state eastward. In east central Kansas, some areas of moderate, severe, and extreme drought also improved. However, there are still longer-term deficits and impacts remaining in the state. The abnormally dry (D0) category is at 29 pct, moderate drought (D1) is at 11 pct, severe drought (D2) is at 8.5 pct, extreme drought (D3) is at 5.5 pct and exceptional drought (D4) is at .75 pct. If you have hay for sale, and/or need hay here in Kansas, use the services of the Internet Hay Exchange: [www.hayexchange.com/ks.php](http://www.hayexchange.com/ks.php).

## Southwest Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered steady; movement slow. Alfalfa: horse, premium small squares 280.00-300.00. Dairy, 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock or Dry Cow alfalfa, 190.00-200.00. Fair/Good grinding alfalfa, 170.00-180.00. Ground and delivered locally to feedlots and dairies, 200.00-215.00. Grass hay: pasture mix small squares 8.00-9.00/bale. Cornstalks: Large rounds 70.00-80.00, ground and deliv-

ered 95.00-105.00. Wheat hay: large squares, 110.00-120.00. Wheat Straw: large rounds, 65.00-75.00. Rye hay, large squares 100.00-110.00. The week of 8/26-9/1, 9,455T of grinding alfalfa and 700T of dairy alfalfa were delivered.

## South Central Kansas

Dairy alfalfa, grass hay, grinding alfalfa, ground/delivered, alfalfa pellets steady; movement slow. Alfalfa: horse, small squares 190.00-200.00. Dairy, 1.00-1.05/point RFV, Supreme 185.00-210.00, Premium 170.00-195.00, Good 160.00-170.00. Stock cow alfalfa, 155.00-165.00 delivered. Fair/Good grinding alfalfa, 150.00-160.00. Ground and delivered locally to feedlots 175.00-185.00 with an instance at 195.00. Alfalfa pellets: Sun Cured 15 pct protein 200.00-220.00, 17 pct protein 210.00-225.00, Dehydrated 17 pct 245.00-255.00. Grass hay: Bluestem small squares 8.00/bale, mid squares 110.00-120.00, large squares 140.00-145.00, Brome large squares 75.00-85.00/bale, large rounds 130.00-135.00. Oat hay, large squares 85.00-95.00. Sudan, large rounds 70.00-80.00. Wheat hay, large squares 145.00-155.00 delivered, large rounds 125.00-135.00. Rye hay, large rounds, 95.00-105.00. Cornstalks: none reported. Straw: large rounds 65.00-75.00. The week of 8/26-9/1, 3,949T of grinding alfalfa and 1,125T of dairy alfalfa were delivered.

## Southeast Kansas

Dairy alfalfa, ground/delivered, grass hay, grinding alfalfa steady; movement slow. Alfalfa: horse or goat, 220.00-245.00. Dairy 1.00-1.05/point RFV. Stock cow alfalfa 170.00-180.00. Fair/Good grinding alfalfa, 170.00-180.00. Ground and delivered, none reported. Grass hay: bluestem, premium small squares 125.00-145.00. Good, mid to large squares 120.00-140.00, large rounds 100.00-110.00 with an instance at 120.00; Brome: Good, mid squares 140.00-150.00, large squares 125.00-135.00, large rounds 120.00-130.00. Oat hay, mid squares 150.00-160.00. Straw, mid and large squares 70.00-80.00. Mulch, large rounds 50.00-60.00. The week of 8/26-9/1, 2,071T of grass hay was delivered.

# Tremendous first half for U.S. beef exports; pork exports still ahead of 2017 pace

Strong June results capped a huge first half of 2018 for U.S. beef exports, according to data released by USDA and compiled by the U.S. Meat Export Federation (USMEF). June pork exports were lower than a year ago for the second consecutive month, but first-half volume and value remained ahead of last year's pace.

Beef muscle cut exports set a new volume record in June of 90,745 metric tons (mt), up 15 percent from a year ago. When adding variety meat, total beef export volume was 115,718 mt, up 6 percent, valued at \$718.4 million – up 19 percent year-over-year and only slightly below the record total (\$722.1 million) reached in May. First-half exports set a record pace in both volume and value as international customers bought a larger share of U.S. beef production at higher prices, indicating a strong demand. Export volume was up 9 percent from a year ago to 662,875 mt while export value was just over \$4 billion, up 21 percent. In previous years, export value never topped the \$4 billion mark before August.

"It's remarkable to think that as recently as 2010, beef exports for the entire year totaled \$4 billion, and now that milestone has been reached in just six months," noted Dan Halstrom, USMEF president and CEO. "This should be a source of great pride for the beef industry, which has remained committed to expanding exports even when facing numerous obstacles. And with global demand hitting on all cylinders, there is plenty of room for further growth."

June exports accounted for 13.4 percent of total beef production, up from 12.8 percent a year ago. For muscle cuts only, the

percentage exported was 11.3 percent, up from just under 10 percent last year. First-half exports accounted for 13.5 percent of total beef production and 11 percent for muscle cuts – up from 12.8 percent and 10 percent, respectively, last year. Beef export value averaged \$313.56 per head of fed slaughter in June, up 19 percent from a year ago. The first-half average was \$316.94 per head, up 18 percent.

After setting a new record in April, pork export volume has trended lower the past two months, mainly due to lower exports to the China/Hong Kong region. June exports totaled 191,303 mt, down 4.5 percent from a year ago, despite a slight increase in muscle cut exports (to 153,083 mt). June export value was \$510.4 million, down 3 percent. For the first half of 2018, pork export volume was still 2 percent ahead of last year's record pace at 1.27 million mt, while value increased 5 percent to \$3.36 billion. For pork muscle cuts only, first-half exports were up 6 percent year-over-year in both volume (1.02 million mt) and value (\$2.78 million).

"Pork exports – and especially variety meats – face a very challenging environment in China/Hong Kong due not only to retaliatory duties but also because of increasing domestic production in China," Halstrom explained. "On the positive side, exports are achieving solid growth in most other markets and reached new heights in destinations such as Korea and Latin America. So there is no time to dwell on factors the U.S. industry cannot control – we must continue to find new opportunities in both established and emerging markets."

On April 2, the import

duty on U.S. pork and pork variety meats entering China increased from 12 percent to 37 percent. On July 6, the rate increased to 62 percent. Mexico imposed a 10 percent retaliatory duty on U.S. pork muscle cuts (variety meats are excluded) on June 5 and increased the rate to 20 percent on July 5. Pork sausages and prepared hams entering Mexico are subject to duties of 15 percent and 20 percent, respectively, which took effect June 5. First-half export results reflect the first round of duties imposed by China and Mexico, but not the higher rates that took effect in July.

June pork exports accounted for 26.4 percent of total production, down from 27.1 percent a year ago, but the percentage of muscle cuts exported increased from 22.2 percent to 22.8 percent. First-half exports equaled 27.3 percent of total pork production (down from 27.8 percent a year ago) and 23.6 percent for muscle cuts (up from 23.1 percent). Pork export value averaged \$55.13 per head slaughtered in June, down slightly from a year ago, while the first-half per-head average increased 2 percent to \$55.18.

## Asian markets lead the way, but U.S. beef accelerating in nearly every region

Beef exports to leading market Japan continued to climb in June, totaling 31,147 mt (up 13 percent from a year ago) valued at \$193.1 million (up 11 percent). First-half exports to Japan were up 6 percent from a year ago in volume at 159,354 mt while value increased 12 percent to \$1.02 billion. This included a 4 percent increase in chilled beef to 73,968 mt, valued at \$590.1 million (up 15 percent).

June exports to South

Korea were up 46 percent from a year ago in volume (21,408 mt) and set another new value record at \$154.8 million (up 68 percent). First-half exports to Korea climbed 36 percent to 113,283 mt, valued at \$802.1 million – up 52 percent from last year's record pace. Chilled beef exports to Korea totaled 25,400 mt (up 35 percent) valued at \$244.8 million (up 47 percent).

For January through June, other highlights for U.S. beef exports include:

- Despite trending lower in June, first-half exports to Mexico were up 2 percent from a year ago in volume (117,524 mt) and up 10 percent in value (\$506.7 million). Mexico is the leading destination for U.S. beef variety meat exports, which increased 8 percent from a year ago in value (\$114.8 million) despite a 6 percent decline in volume (50,209 mt).

- Exports to China/Hong Kong increased 15 percent in volume (65,345 mt) and 43 percent in value (\$510.8 million). First-half exports to China, which reopened to U.S. beef in June of last year, were 3,655 mt valued at \$33 million. Although China's duty rate increase on U.S. beef (from 12 percent to 37 percent) didn't take effect until July 6, June exports slowed in part because of rising uncertainty as China's proposed retaliatory tariff list that included U.S. beef was published in April.

- Beef exports to Taiwan continue to soar, as first-half volume increased 32 percent from a year ago 26,865 mt) and value was up 39 percent \$249.7 million). Chilled exports to Taiwan were up 34 percent in volume (10,974 mt) and 46 percent in value (\$136.2 million), as the United States captured 74 percent of Taiwan's chilled beef market – the highest market share of any Asian destination.

- Strong growth in Colombia helped push first-half exports to South America higher than a year ago – up 2 percent in volume (14,030 mt) and climbing 20 percent in value (\$63.9 million). Export value to Chile and Peru also increased, despite volumes dipping below last year. Although still a small market, exports to Ecuador (600 mt) were the largest since 2013.

- Beef exports to the ASEAN region slowed in June but still posted year-over-year gains in the first half – up 6 percent in volume (21,802 mt) and 24 percent in value (\$122.8 million). This region – especially Indonesia and the Philippines – is an important destination for beef variety meat exports, which climbed 27 percent in value (\$13.1 million) despite a slight decline in volume (6,212 mt).

- Fueled by sharply higher exports to Guatemala, Costa Rica and Panama, first-half volume to Central America in-

## Northwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady; movement slow. Alfalfa: Horse or goat, 220.00-230.00. Dairy, Premium/Supreme 1.00-1.05/point RFV. Stock cow, fair/good none reported. Fair/good grinding alfalfa, 135.00-145.00. Ground and delivered locally to feedlots and dairies, 150.00-165.00. Alfalfa/oat mix, large rounds 100.00-120.00.

## North Central-Northeast Kansas

Dairy alfalfa, grass hay, ground/delivered, grinding alfalfa steady; movement slow. Alfalfa: horse, premium small squares 9.00-10.00/bale. Dairy 1.00-1.05/point RFV, Supreme 185.00-200.00, Premium 170.00-195.00, Good 160.00-170.00. Stock Cow, good 120.00-125.00. Fair/Good, grinding alfalfa, 160.00-170.00. Ground and delivered 175.00-185.00. Grass hay: bluestem, small squares 7.50/bale, large squares 105.00-115.00, large rounds 95.00-105.00; Brome: small squares 8.50/bale, mid to large squares 140.00-150.00 delivered, large rounds 115.00-125.00, or 150.00 delivered. Straw: small squares 6.00-7.00/bale, large squares 100.00-110.00, and large rounds 85.00-95.00.

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

\*CWF Certified Weed Free

\*RFV calculated using the Wis/Minn formula.

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

Guidelines are to be used with visual appearance and intent of sale (usage).

Source: Kansas Department of Agriculture - Manhattan, Kansas Kim Nettleton 785-564-6709. Posted to the Internet: [www.ams.usda.gov/mnreports/DC\\_GR310.txt](http://www.ams.usda.gov/mnreports/DC_GR310.txt)

creased 27 percent from a year ago to 6,942 mt, valued at \$38.8 million (up 26 percent).

Tariffs, uncertainty challenge U.S. pork in mainstay markets, while Korea, Latin America and ASEAN drive first-half export growth

As noted above, a 10 percent duty on most U.S. pork entering Mexico took effect June 5, contributing to a slowdown in June volume (59,967 mt, down 7 percent last June's record-large total). Export value fell 16 percent to \$105.1 million. First half export volume to Mexico was still 4 percent ahead of last year's record pace at 413,231 mt, but value slipped 1 percent below a year ago to \$726.1 million.

"USMEF is working closely with Mexico's major processors and other key customers to reemphasize the advantages of fresh U.S. pork, as we work to assist U.S. suppliers in solidifying as much business as possible in this critical market," Halstrom said. "USMEF feels strongly that exports to Mexico could set another new volume record in 2018, though export value will likely be lower due to the retaliatory duties. We remain hopeful that duty-free access to Mexico will be restored soon, as competitors are now targeting a market that U.S. pork has dominated for many years, and the duties are contributing to lower prices for U.S. producers and adding costs for customers in Mexico."

Pork exports to the China/Hong Kong region were already projected to be lower in 2018 due to China's higher hog production, but the additional 25 percent tariff imposed on April 2 (imported pork still enters Hong Kong duty-free) intensified this trend. First-half exports to China/Hong Kong were 21 percent below last year's pace in volume (216,008 mt) and down 9 percent in value to \$507.2 million. June exports were hit especially hard, declining 37 percent from a year ago in volume (28,569 mt) and 19 percent in value (\$70.7 million).

January-June highlights for U.S. pork exports include:

- June exports to leading value market Japan were 5 percent higher than a year ago in volume (31,773) and increased 6 percent in value (\$131.9 million). In the first half, export volume was down 1 percent to 199,067 mt but value still edged 1 percent higher to \$821.4 million. This included a 2 percent decrease in chilled pork to 104,365 mt, valued at \$504.2 million (up slightly year-over-year).

- Exports to South Korea posted an outstanding first half, climbing 42 percent in volume (134,190 mt) and 49 percent in value (\$386.5 million). Korea's per capita pork consumption continues to expand rapidly, and U.S. pork is

capturing a larger share of Korea's imports while Korea's domestic production is modestly increasing.

- Fueled by strong growth in Colombia and Peru, first-half exports to South America jumped 29 percent from a year ago in volume (62,314 mt) and 26 percent in value (\$153.5 million). Plant and product registration requirements for exporting pork to Argentina were finalized in late June, so the Argentine market could add further momentum for U.S. pork in the second half of the year.

- Following a record performance in 2017, pork exports to Central America surged 20 percent higher in both volume (40,210 mt) and value (\$95.5 million). While Honduras and Guatemala are this region's mainstay markets, exports to all seven Central American nations achieved double-digit growth in the first half of 2018.

- Exports to the Dominican Republic, which were also record-large in 2017, increased 16 percent in both volume (22,267 mt) and value (\$49.5 million) in the first half of the year. For the Caribbean region, exports were up 11 percent in both volume (29,960 mt) and value (\$71 million).

- Led by the Philippines and Vietnam, first-half exports to the ASEAN region increased 16 percent in volume (26,952 mt) and 21 percent in value (\$71.2 million). The Philippines is an especially important destination for pork variety meat exports when shipments to China are declining, and first-half variety meat volume to the Philippines climbed 64 percent from a year ago to 8,680 mt, while value jumped 70 percent to (\$15.3 million).

- With the tariff situation in Mexico, Oceania is an increasingly important destination for U.S. hams and other cuts destined for further processing. First-half exports to Australia were 7 percent higher than a year ago in volume (39,031 mt) and increased 9 percent in value (\$113.7 million). Exports to New Zealand increased 15 percent in volume (3,903 mt) and 17 percent in value (\$12.5 million).

## Lamb exports continue to climb

June exports of U.S. lamb were the largest of 2018 in both volume (1,016 mt, up 58 percent from a year ago) and value (\$2.2 million, up 26 percent), pushing first-half exports 46 percent ahead of last year's pace in volume (5,471 mt) and 17 percent higher in value (\$11.3 million). Stronger variety meat demand in Mexico accounted for much of this growth, but muscle cut exports trended higher to the Caribbean, the United Arab Emirates, Canada, Singapore, the Philippines and Taiwan. Exports should receive an additional boost in the second half of year from Japan, which reopened to U.S. lamb on July 11.

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**WELCOME TO G&G — A RURAL NEWSWEEKLY**

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# Cattle industry works together on traceability at NIAA Strategy Forum

"The National Cattle-men's Beef Association (NCBA) and NIAA have often worked together on issues that impact the beef industry," says Jennifer Houston, 2018 NCBA president-elect and opening speaker at the 2018 NIAA Strategy Forum on Livestock Traceability to be held in Kansas City, Mo. at the end of this month.

"We think it is important to reach out to other people in the industry," she says. "Both organizations are contractors to the Beef Checkoff, so issues that are of interest to the industry, such as disease traceability and antimicrobial resistance, merit the support of associations such as ours."

From NCBA's perspective traceability is an important part of our future. "Of course, we already have the mandatory Animal Disease Traceability program, but the question is what else can traceability do for the industry, and what steps should we be taking next?"

"Traceability is an important issue that is already on the minds of many industry stakeholders, said Houston. "While opinions differ on what comes next, we can all agree that there are many unanswered questions and we need to begin putting the pieces together and identifying solutions that will work for all of us."

A study, conducted by

World Perspectives, Inc., showed a number of questions remains in the minds of stakeholders, including important questions about data ownership and liability issues. "We have to find the answers to these questions," she says. "Working together with NIAA and other groups to accomplish this makes sense."

The NIAA Strategy Forum will feature a wide variety of speakers to address traceability from several different viewpoints, on different issues and feature feedback from industry groups. One highlight she is looking forward to is the report by the Cattle Traceability Working Group, which was developed from work done

at the 2017 Forum.

"We just need to keep looking to the future on how we improve the disease traceability system that we have now, and how we continue to improve," Houston said. "The NIAA Strategy Forum on Livestock Traceability has speakers that will help us focus on that."

The 2018 NIAA Strategy Forum on Livestock Traceability will be held in Kansas City, Missouri, at the Westin Kansas City at Crown Center, September 24-26, 2018 and will feature reports from the USDA traceability team and the Cattle Traceability Working Group, as well as a Technology Showcase with the most current

technology, products and services focused on cattle traceability.

Register now at [www.animalagriculture.org](http://www.animalagriculture.org)



Seonna McCabria earned senior champion dairy goat showman at the Riley County Fair.

# Animal welfare groups challenge Missouri fake meat labeling law

The American Civil Liberties Union (ACLU), the Animal Legal Defense Fund, the Good Food Institute (GFI) and plant-based protein pioneer Tofurky filed a complaint recently alleging that a Missouri law on food labels discriminates against out-of-state companies to protect in-state meat producers, according to an article in *Feedstuffs*.

The Missouri legislature passed a bill this summer that requires products labeled with the

term "meat" to be any "edible portion of livestock, poultry or captive cervid carcass or part thereof" and that any "meat product" be defined as "anything containing meat intended for or capable of use for human consumption, which is derived, in whole or in part, from livestock, poultry or captive cervids."

The groups filing the suit believe this is an attempt to stifle plant-based and cell-cultured meat products. GFI said in a

blog post that the groups believe that the law as it is currently written infringes on the First Amendment by "preventing the clear and accurate labeling of plant-based and clean meat products and denying fair and honest competition in the marketplace."

Mike Deering, execu-

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tive director of the Missouri Cattlemen's Association, said that if the companies producing these products abide by the definition, then consumers can know what they're getting.

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## LARGE PUBLIC AUCTION

**THURSDAY, SEPTEMBER 20, 2018 — 9:30 AM**

LOCATION: 310 E. Washington Street — KINGMAN, KANSAS 67860

**MOWERS & SHOP TOOLS:** Murray 42" Riding Mower; Craftsman Trim Mower; Jacobson Snow Blower; Weedeaters; Garden Wagon; Lawn and Garden Tools; Duracraft 10" Tablesaw; Duracraft Bandsaw; Super Duty Chop Saw; Post Vice; Shop Fan; Bench Grinder; Nails and Screws; Organizers (loaded); Cords; Patio and Deck Furniture; Metal Shelving; Pet Carrier; Lots of hand tools; **plus many more items not listed.**

**Desk; Parlor Chairs; Old Rocker; Old General Mills Iron; Singer Sewing Machine w/Cabinet; 2- Featherweight Singer Sewing Machines; Singer Serger; Large Selection of Sewing Supplies; Old Radios; Dinner Bell; Granite Coffee Pot; Pictures and Frames; Small Safe; Misc. Chairs; Pots and Pans; Lenox Plate Collection; Animal Figurines; Night Stands; Aladdin Lamp; Carnival and Milk Glass; Silver Cups and Saucers; Hobnail Glass; White Pedalware Depression (place setting for 12-14); Linens and Blankets; Silverware; Corning Ware; Good selection of clean Furniture; **hundreds of items not listed.****

HOUSEHOLD & COLLECTIBLES: Kenmore Washer and Dryer; Signature Upright Freezer; Vintage- Wardrobe, Wash Stand, Dresser, 3 pc Bedroom Suite, and Library Table; Grandfather Clock; Rolltop Desk; Buffet; Corner Cupboard; Computer

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## REAL ESTATE & PERSONAL PROPERTY AUCTION

**DAY 1: SATURDAY, SEPTEMBER 29 • 10:00 AM (PERSONAL PROPERTY ONLY)**

**DAY 2: SUNDAY, SEPTEMBER 30 • 1:00 PM**

PERSONAL PROPERTY, CAR & REAL ESTATE (CAR & REAL ESTATE: 2:00 PM)

Auction Location: 12560 School Creek Rd. — ST. GEORGE, KANSAS

**Tract 1 — Home with 26+ Acres**  
3-bedroom, 2-bath ranch-style home nestled in a wooded setting. This property offers fantastic wildlife viewing, a shop to play in and acres to play on! Make this property your own private get away everyday!

**Tract 2 — 13+ Acres.** This multi-use acreage is an awesome location for someone to have a recreational spot in the country.

**Tract 3 — Combination Tract 1 & 2.** To build on or develop these parcels Buyer is responsible for understanding Pottawatomie Co. Zoning Regulations.

**REAL ESTATE 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 Oct. 29, 2018. 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. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

## PERSONAL PROPERTY SELLING SATURDAY, SEPTEMBER 29 • 10:00 AM

**GLASSWARE & COLLECTIBLES:** Franciscan Earthenware (large set) & other sets; Eggshell Nautilus Dishes; Avon Cape Cod (candlesticks, bell, cruet, 4 wine glasses, cake plate & cake server); Fire King Pheasant Dishes; Bubble Glassware; Blue Carnival Glass; Wexford; (2) 5 gal. Glass Jars; Campbells Kids 7 pc. Souper Set (new); Old Salt & Pepper Shakers; Sm. Hen on Nest; Rooster Collection; Angel Collection; Mikasa Dishes; Wine & Bar Glasses; Milk Glass Goblets (12); Lady Victoria Crystal Glasses & Goblets (new in box); Alum. Ice Bucket; 2 lb. Kraft Wood Cheese Box (old); Lord Calvert-Canadian Whiskey Wood Box (old); C.I. Sausage Stuffer; Old Metal Scoop; Old Bottles; John Wayne Picture & Alarm Clock; Jewelry Boxes; Costume Jewelry; Vintage Purses; #12 Brass Aladdin Lamp; Kerose Lamps; C.I. Dutch Oven; Lots of Misc. Glassware & Knick Knacks; Wise Old Owl Bank & Other Owl Items; Jiffy-Way Egg Scale (old); Lg. Chantillons Spring Balanced Scale; Floating Dairy Thermometer; Old Bottle

Copper; Skelly Hydraulic Brake Fluid Can w/Spout; Old Toys; Donald Duck Light (old); Cabbage Patch Kids Birthday Party Playset (new); The Heritage Mint Musical Doll (Emily); Brown Handled Crock Jug; Dubl Handi—Columbus Washboard Co. sm. Washboard; Precious Moments Sing in Excelsis (New); Sev. Mary Moo Moos (new in box); Shawnee (wishing well & parrot) Planters; Toby Mugs (made in Portugal); Frankoma; Wall Pockets; Stoneware Pitchers; Red Wing 2 Gal. Crock; Lots of Old Books (Life of William McKinley, our Martyred President, Frank-Jesse James (1880), J.P. Johnston, an Elementary History of the United States, The Making of Our Country—State of Kansas, Uncle Tom's Cabin, Ben Hur, Tales from Shakespere, Little Women, Henry's Lady History of the Model A. Ford, Ghost Towns of Kansas); World War II Papers; Framed Tank Picture (old); Old Picture Frames & Pictures; 1930's Successful Farming Magazines; Lots of Cookbooks (some old); Kitchen Klatter; Old Records; Boy Scout/Military

Camping Canteen; Graniteware. **SEWING & LINENS:** Singer Sewing Machine in Cabinet; Elna Sewing Machine (new in box); Brother XL-5600 Sewing Machine; Lots Misc. Sewing Items; Sev. Quilts & Quilt Tops; Geometry in Buttons Wall Hanging; Quilt Wall Hangings; Quilt Blocks; Misc. Material; Quilt Blocks & Patterns; Quilt Frame; NWTAF Afghan & Pillows (new); Lots of new Blankets, Sheets, Towels & Tablecloths, Knitting Needles & Crochet Hooks; Dritz Elec. Scissors. **HOME & MISC.:** Kitchen Craft Pots & Pans; Pro Health Ultra Pan; Lots of Pyrex, Fire King, Correlle, Anchor Hocking, (sev. new sets); 2 Pressure Canners/Cookers (lg.); Quart & Pint Jars; Lots of Silverware; Cookie Cutters; Old Kitchen Utensils; Lots of Tupperware; Old Wood Ironing Board; Red Man 50's Wicker Hamper; Lots of Christmas, Halloween & Other Decorations; 50's items (hamper, hair dryer, foot stool, etc.); Ultimate K-9 Corral Rechargeable Pet Containment System (Model 9200) & LOTS MORE!

## PERSONAL PROPERTY SELLING SUNDAY, SEPTEMBER 30 • 1:00 PM

**CAR & CARPORT:** 2011 Cadillac DTS, 4 dr., V-8; 22 x 40 Metal Carport, 8' in and out.

**FURNITURE & APPLIANCES:** McCall Cabinet (5 drawer); Quilt Rack; 2 Chest of Drawers; Lg. Metal 2 Door H.D. Cabinet; Card Table & Chairs; 2 Wood Foot Lockers; Wood Bookcase w/Drawers; Metal & Plastic Shelves; Eden Pure Infra Red Port. Heater; Lamps (some 50's); Stained Glass Hanging Lamp; 19" Flat Screen TV & Others; CBS-Columbus TV (old); Fans; Samsung Sm. Refrigerator; Sm. Galanz Refrigerator; Sm. Microwave (new); Showtime Rotisserie & BBQ Oven (new); Sm. Kitchen Appliances (sev. new); Meat Slicer; Nesco 18 qt. Elec. Roaster; H.D. Oster Food Grinder & Sausage Maker.

**TOOLS & MISC.:** Plastic Walking Ramp (foldable); Workmate Bench; 110 Sm Air Compressor; Brute 10 gal. 125 PSI Air Compressor & Hose; Dremel Tool; Walnut Lumbar (different lengths); Yard Art; Fishing Items; Lawn Chairs; Metal Chairs; Metal Du X Bak Sign; Metal Peters True Blue Smokeless Shot Shells Sign; Powermate 400 Watt Power Inverter (New); Blue Ford Truck Planter & LOTS MORE!

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Lincolville 1 bwf	1370@59.00	Ramona 27 blk	814@148.00
Wilsey 1 blk	1280@56.00	Lincolville 59 mix	877@145.50
Woodbine 1 blk	1425@56.00	White City 14 blk	870@142.00
Lincolville 1 rwf	1395@55.50	Wilsey 5 blk	824@138.50
D'Hanis TX 1 rwf	1155@52.50	Wilsey 4 blk	864@135.00
Wilsey 1 blk	1975@83.00	Woodbine 1 blk	1885@77.50
Wilsey 1 blk	1670@81.00		
Marion 1 blk	1515@78.00		
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## AUCTION

**SUNDAY, SEPTEMBER 16, 2018 — 11:00 AM**

**CITIZEN POTTAWATOMI COMMUNITY BUILDING**

**806 NISHNABE TRAIL — ROSSVILLE, KANSAS**

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Blacksmith forge; forge blower on stand; large mandrel grinder; Tinner's anvil; benders; Hardees; crimpers; Blacksmith tools; 10 branding irons; 33 5-gallon advertising oil cans; 4 advertising tire display stands; Delco battery jars; **Horse windmill weight**; wood framed pedal grindstone; large wooden wringer; large cast iron mortar & pestle;

Keen Kutter reel mower; 2 large cast iron butchering kettles; old tricycle; 55 gallon ATSF barrel; UPRR broom/chipper; 3 wagon wheel oilers; buggy & wagon jacks; small wood burning monkey stove; wood tub stand; tubs; square tub aluminum Maytag wringer washer; corn shellers; 1920's Cadillac & other large old headlights; egg baskets; hide stretchers; hand grinders; hay knives; Yankee drills; 150 yardsticks; coal shovels; tins; OVER 120 kitchen utensils & gadgets; Griswold, Wagner cast iron skillets, waffle irons & kettles; washboards; old irons; carpet stretcher; squirt oil cans; ladles; Boy Scout items; hand saws; cream can; coal buckets; 50 Railroad, Keen Kutter & Simmons shovels, picks & hammers; 20 implement toolboxes; garden edger mower; **CROCKS:** 10 Gallon Birchleaf, 2 & 5 gallon Birchleaf churns; No. 7 water cooler; apple butter jars; covered bale jar; lye dispenser; 2 3-gallon Western churns; 2 lids; pen & pencil collection; 10 pr harness hames; pulleys; brass blade & other fans; ice scraper collection;

Railroad track anvil; broad axe; Keen Kutter & ATSF cans; spittoon; egg incubator; Grocery store scales; dough mixer; wooden mallets; hay probe tester; apple butter stirrer; rug beaters; cream stirrer; ice saw; leggings; 40 stove lifters & shakers; unique push mower; large gaslight globes; cream stirrers; advertising pocket notebooks; clothes wringers; wooden wall dryer; planter; various scales; DeRatter-Mouser bait dispenser; Coors & other advertising ashtrays; granite coffee pot; tubs; buckets; 3 wooden beer cases; wooden tripods; stomper washers; curtain stretchers; wooden advertising boxes; chicken feeder; traps; sad irons; collection of over 100 prs scissors; wood ironing board; meat hooks (some advertising); block ice tools; fish gigs; box wagon winch (wood); gambrel butchering sticks; auto luggage racks; sewing machine drawers; **MANY MORE ITEMS!** Keen Kutter gas cans; General Store 2-wheel coffee grinder; 1917 & other Military mess kits; Corn King corn meal grinder; Coleman lamps.

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\*40 Ac +/- just west of the Salina airport. Bldg site(s) pending zoning approval. Call Ray before it's gone!  
\*114 Ac +/- Pasture just off Old 81 Hwy/9th St @ OT/SA County line. Great Bldg site!  
\*320 Ac +/- Mostly CRP with 3 ponds and cabin east of Bennington. Possible tillable, pasture, or get away with modest return. Call Ray!  
\*320 Ac +/- Pasture E of Bennington - Owner will Finance - Call Ray!  
\*300 Ac +/- on the Solomon River - Owner will Finance - Call Ray!  
\*130 Ac +/- Pasture/tillable and great hunting on Willy's Creek NE of Abilene on Hwy 15. Call Ray!  
\*440 Ac +/- in 2 tracts SW of Tescott. Tillable priced in today's market. Call Ray!  
\*100 Ac +/- Rain Rd./ 18 Hwy. CRP building site! Call Brad!  
\*80 Ac +/- just S of Lincoln, tillable and CRP. Call Ray!  
\*240 Ac +/- Geary Co. blacktop frontage 190 pasture w/new fences, 3 big springs & 2 new wells. 45 tillable. Close to town. Seller is a Kansas licensed real estate agent. Call Ray!  
\*239 Ac +/- Sportsman Paradise timber and Solomon River SE of Bennington. Proven deer, turkey, and 40 lb Batheds. Call Ray!  
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**CASE III AGRICULTURE**

# Gestating sows do not digest phosphorus or calcium as well as growing pigs, study says

Most values for digestibility of calcium and phosphorus are determined in growing pigs, with the long-held assumption that results can be applied to pigs at different life stages, including gestating and lactating sows. However, research is showing that sows may not absorb certain nutrients in the same way as growing pigs.

In a study published in the *Canadian Journal of Animal Sciences*, University of Illinois scientists reveal that gestating sows have reduced digestibility of calcium and phosphorus compared with growing pigs.

"The significance is that there are a lot of sows that are lost from commercial herds because of lameness, which can be related to calcium and phosphorus because they are the two most common minerals in bone," says Hans H. Stein, professor

in the Department of Animal Sciences at U of I and corresponding author on the study. "These results may have implications for longevity of sows in the herd. We need to do more work before we can conclude that, but this study was the first step in that direction."

Stein and fellow U of I researchers Su A. Lee and Gloria A. Casas fed three diets to 48 gestating sows and 24 growing gilts. The diets included a standard corn-soybean meal diet; a diet with 60 percent corn-soybean meal and 40 percent full fat rice bran (FFRB); and a diet with 60 percent corn-soybean meal and 40 percent defatted rice bran (DFRB).

In the basal diet, 1.15 percent dicalcium phosphate and 0.8 percent limestone were included, whereas only limestone (1.64 percent) was included in the diets containing FFRB or DFRB. Analyzed

calcium and phosphorus in the three diets totaled 0.65 and 0.6 percent, respectively, in the standard diet; 0.66 and 0.98 percent in the FFRB diet; and 1.16 and 1.09 percent in the DFRB diet. Microbial phytase was included in all diets, with analyzed values between 430 and 690 units phytase per kilogram complete diet.

Because growing pigs are fed ad libitum while gestating sows are feed-restricted, Stein says it can be difficult to determine if nutrient digestibility differences are real or an artifact of feed intake. Therefore, sows were fed all three diets at 1.5 or 3.5 times the maintenance requirement for energy and gilts were fed at 3.5 times the maintenance requirement.

Feed intake level did not affect the apparent total tract digestibility (ATTD) of calcium or phosphorus in gestating

sows, but ATTD of both minerals was reduced in sows compared with growing gilts.

"Phytate is a compound in cereal grains that binds phosphorus and calcium," Stein explains. "We wanted to determine if there was a difference between high and low phytate in the two groups. Growing pigs were exactly as we expected: High phytate diets had lower digestibility than low phytate diets. But there wasn't really a difference for sows between the low and high phytate diets. For both, digestibility values were much lower than what we saw in growing pigs."

The study is the first to show a difference in digestibility of calcium and phosphorus in sows and growing pigs. Stein plans to determine why the difference exists and if it holds true throughout the entirety of gestation and into the lactation phase.

Still, these initial results indicate that it may not be appropriate to apply results from growing pigs to gestating sows.

"It is possible that in the future we will need to use different digestibility values for Ca and P when we formulate diets for sows than we use for growing pigs," Stein says. "This could improve accuracy of diet formulation, but we need more research before we can give recommendations on this."

The article, "The level of feed intake does not influence digestibility of calcium and phosphorus in diets fed to gestating sows, but gestating sows have reduced digestibility of calcium and phosphorus compared with growing gilts," is published in the *Canadian Journal of Animal Science*. Authors include Su Lee, Gloria Casas, and Hans Stein.

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## CLIFFORD DELKER REAL ESTATE & PERSONAL PROPERTY AUCTION

**SATURDAY, SEPTEMBER 22, 2018 — 10:00 AM**  
413 W. 7th — CHAPMAN, KANSAS • OPEN HOUSE: Sept. 16, 2-3 PM

**AUCTIONEER'S NOTE:** Personal property starts selling at 10:00 with the real estate selling at 11:00.

**REAL ESTATE:** Single family 4 bedroom home of 1330 sq ft built 1962 with 2 baths and full basement. This spacious home has 36" interior doors throughout, a whole house fan, hardwood floors, but needs updating. Nice 80' wide x 160' deep lot. 2017 taxes \$2,210.12 on a county value of \$134,230.00. A 10% buyer's premium will be charged on the real estate.

**GUNS:** Remington mod.11 12 ga shotgun w/carved stock \* Grendel P-10 380 auto cal pistol w/box & instruction book \* Daisy No. 25 BB gun pump action \* **APPLIANCES - MOWERS:** Magic Chef electric range \* Kenmore refrigerator \* matching Maytag washer & gas dryer \* GE electric dryer \* Coperton Coronado gas range \* 25 cu ft chest freezer \* Kenmore refrigerator \* MTD push mower \* Dynamark riding mower \* Dixon zero turn mower \* **FURNITURE:** Tiger oak buffet w/mirror \* antique oak dresser w/mirror \* Lane cedar chest \* 54" round table \* antique dresser w/mirror \* Duncan Phyfe dining table w/4 10" leaves \* 36" x 40" pine drop leaf table \* hospital bed \* dinette table w/4 chairs \* pr oak arrow back arm chairs \* oak shelving \* painted kitchen cabinet \* Formica top table and cabinet \* Magnavox French Provincial radio/phonograph console \* 9' long custom made Kroehler sofa \* pr matching recliners \* upholstered rocker \* pr matching lamp tables \* steel bed frame \* student desk \* walnut table top desk \* **MISC.:** (2) cast implement seats \* many bags of flatware - stainless & silver plate \* invalid items - crutches, cane, walker, commode \* dishes \* décor \* bedding \* pots & pans \* queen bedding \* sleeping bags \* blankets \* vacuums \* stereoptic viewer \* kid's pool table \* kid's table & chairs \* fishing poles \* tool boxes & tools \* RV wastewater carrier \* 2 carpenter boxes w/hand tools \* tools \* hardware \* supplies \* electronic dart board \* golf bag & clubs \* Barbie & Skipper travel trunks \* braille typewriter \* footlocker \* Singer sewing machine w/wood case \* Nishiki bike (for a tall guy) \* floor lamps \* antique toys \* canning jars \* Pittsburg 2 gallon crock \* washtubs & stand \* bushel baskets \* picnic baskets \* oil lamps \* red brick \* concrete block \* **AND MUCH MORE NOT LISTED!**

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## AUCTION

**SUNDAY, SEPTEMBER 23, 2018 - 12:00 PM**

**LOCATION:** 2240 W. Cedar Road, PICKRELL, NE. From the Pickrell corner on HWY 77 north of Beatrice, NE, go 3 miles north and 1/2 mile west on Cedar Road. WATCH FOR SIGNS.

**AUCTIONEER'S NOTE:** The Schaafs have sold their acreage and will offer the following items at Public Auction. All items are very clean and well cared for. **Concessions: Back Alley BBQ**

**TRACTORS, SKID STEER LOADER, & MOWER:** John Deere 3010 dsl, wide front, dual hyd., fenders, 6 rear wheel wts, approx. 200 hrs. on overhaul w/ Workmaster 880 loader; 2007 John Deere 2210 dsl lawn & garden tractor, hydrostat, 3 pt., pto, ROP, 62" mower deck, 464 hrs.; Bobcat 542 B gas skid steer loader; PTO adaptor for Bobcat; John Deere F525 front mount mower, 42" deck.

**VEHICLES:** 2010 Columbia Summit elec. mini-truck, 2 spd, heater, 2090 mi, street legal; 2002 Jeep Wrangler w/ hard & soft tops & cover, 6 cyl. auto, new tires & brakes 140,000 mi; tow hitch & lights.

**BOATS:** 16' alum. Loe-Line boat, 15 HP Mercury motor, trolling motor, fish finder & trailer; 4 person paddle boat & cover.

**ACREAGE EQUIP.:** DR PTO spring loaded trimmer; New Holland 3 pt. 7' mower; 4 wheelbarrow; White snow blower; roof top cargo carrier; Delta black plastic pickup tool box; Poulan electric chainsaw; LP ventless heater; sm. electric water heater; rolled insulation; RV blocks & some accessories; Ryobi 10" table saw; plastic mug bucket; outdoor port. sink; lg. wood storage box; long handled tools; port. dog kennels; plastic dog house; hay rope; black plastic storage tubes; **other items not mentioned.**

**ANTIQUES & COLLECTIBLES:** Primitive cabinet; 2 primitive tables; balloon tire bicycle; lighted beer signs; stools made w/old tin seats; peanut/candy machine; old pull cart w/steel wheels; wood doors & windows; round kerosene heater; primitive wall shelf; 2 yard gates; barb wire; primitive white shelf unit; child's rocker.

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<p><b>2011 FREIGHTLINER CA125DC</b></p> <p><b>\$35,950</b></p> <p>DD-13 ENGINE, 450 HP, 10 SPD TRANS, 3.7 RE-RATIO, 178" WB, 355K MI, STK# 1P15786</p>	<p><b>2011 VOLVO VNM200</b></p> <p><b>\$42,500</b></p> <p>D13 ENGINE, 405 HP, 10 SPD TRANS, 3.42 RE-RATIO, 176" WB, 227K MI, STK# 11415RW</p>

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# Topeka company works to rebuild the Kansas prairie

(AP) - Excavators rumble across mounds of rock at the Big Springs Quarry as construction workers hustle through the heat - all a stark contrast to nearby grasslands where waterfowl nest and catfish churn the surface of ponds.

At the 2,000-acre Big Springs quarry, workers are mining everything from crushed rock used to pave roads to boulders that might make a garden centerpiece. It is exactly as anyone would expect a limestone quar-

ry to look: mountains of aggregate, water trucks spouting flumes to dampen dust along the roadways and heavy machinery trundling through the landscape smashing rock.

But on the nearly 200 acres where Mid-States has reclaimed previously mined land, well-stocked ponds and rolling green hills are a testament to what can happen with focused efforts to bring the land back to its original state.

The quarry, operated by Mid-States Materials

LLC, straddles the Douglas and Shawnee county lines, near the intersection of N. 1700 Road and E. 50 Road.

Mid-States, a subsidiary of Topeka's Bettis Asphalt & Construction Inc., recently won the 2018 Outstanding Reclamation Award (Non-Coal) from the National Association of State Land Reclamationists for its work at Big Springs. The work also was previously honored with three state awards, the Governor's Mined Land Reclamation Award.

Cole Anderson, Mid-States environmental, health and safety manager, is in charge of the reclamation process. It's fulfilling, he told the *Topeka Capital-Journal*, to watch the land slowly go back to its original - or an even better - condition. It is also a challenging two- or three-year process, which is done in several phases.

"When you first initially develop reclamation, putting it back to the plan is probably the most difficult part," Anderson said. "You never know what's underneath the surface. You don't know if you're going to hit voids or extra shale seams. And then trying to make sure that you finish during the seed season... if you finish now, you wouldn't get anything to grow."

The counties and the state require that mined land be reclaimed, but it's something Mid-States is committed to do because the company, which owns 20 quarries around the state, is environmentally conscious, Anderson said.

"Being that this industry is extremely sensitive to neighbors, we want to do the right thing," he said, adding that the company also has numerous hunters who like to see

Mid-States support waterfowl and wildlife habitats.

The landowners direct the end result of the reclamation, determining whether they want land suitable for row crops, natural habitat or pasture land.

Anderson said the reclamation process starts during the initial mining, as all the topsoil is saved and used to create berms around each phase. When the mining is done, they are able to push the topsoil back into place to create the desired landscape, working as they go so reclamation can successfully occur. The planning process is important because they don't want to rob a neighbor of water or water rights as they lay out the new terrain, he said.

Mid-States works with Quail Unlimited to determine the best seeds and native grasses to use.

"We planted these American plum trees, and they provide cover," Anderson said. "We get them from K-State, and they provide cover for bird habitat."

Mid-States planted more than 900 trees, released 100,000 fish into three newly created ponds, and used more than 10,000 hours of employee time to finish the Big Springs reclamation project. It was created as a wildlife habitat with no agricultural uses planned for it.

"Our goal was to leave the land aesthetically pleasing as a wildlife habitat, but to also have meaning for future generations," Eric Bettis, Mid-States' managing member, said on winning the award. "We're really excited to celebrate this award to show what can happen when a company responsibly mines."

## COLLECTIBLES, VEHICLE, FIREARMS, FURNITURE ESTATE AUCTION

SUNDAY, SEPTEMBER 23, 2018 • 9:30 AM  
Hiawatha National Guard Armory, 108 1st St. — HIAWATHA, KS  
From the junction of Hwy 36 & 73 at the South edge of Hiawatha, North on 73 to Armory. Lunch on Grounds. SALE ORDER: Collectibles, Car and Firearms at 1:00 PM, followed by Furniture.

**AUTOMOBILE:** 2004 Buick Century 4 door sedan with approx. 151,000 miles. PW, Power windows and seats, V6, garage kept.  
**TRAILER:** Military Surplus Trailer 2-wheel 6'x8', ¾ ton Pintle Hitch.  
**GUNS:** In excellent condition - not-fired (NF) as noted.

**Long Guns:** Remington R15 .223 cal. Camo flaged AR style, NF; Remington R25 .308 cal. Camo flaged AR style with Nikon Buckmaster Camouflaged 3-9 power Scope, NF; Ruger Mini 30 7.62 cal. with sling, NF; Ruger Mini 30 7.62 cal., NF; Ruger 10/22 .22 cal., with laser sight NF; Remington Model 597 .22 cal.; Remington Muzzleloader Black Powder .50 cal. 1X28, NF; CVA Eclipse Hunter Muzzleloader Black Powder .50 cal.; Windham Weaponry Model WW-15 AR style with collapsible stock, 223 cal. and sling with 30 round magazine, NF; Stoeger Mfg. 12 shotgun double barrel 3 in chamber Gaucha made in Brazil; **Pistols:** Springfield Armory Stainless .45 ACP cal XD w/ accessories and large capacity magazines, NF; Springfield Armory .45 ACP cal XD with accessories and large capacity magazines, NF; CZ 75 B 9 mm cal. with extra magazine; Smith & Wesson Model 457 .45 Auto, NF; **Revolvers:** Ruger Stainless New Model Blackhawk .357 magnum cal., NF; Ruger Super Redhawk .480 Ruger cal., NF; Ruger New Model Single-Six .22 cal.; Ruger New Model Single-Six .22 cal.

**HOUSEHOLD GOODS:** Large lighted Broyhill hutch, excellent condition; 3 partition vintage china hutch; Oak & glass curio cabinet; various vintage oil lamps; decorative table lamps.

**MEDICAL ELDERCARE ITEMS:** Chairmaster Health exercise chair for rehab with accessories.

**ANTIQUES & COLLECTIBLES:** Mantel clock; wooden wagon wheel & metal rim w/original hub from 1800s; grinding wheel; walk behind plow (no handles); John Wayne items small asst.; LARGE Christmas asst. with new (Sealed) ornaments & decorations, contemporary, vintage decorations; very large chicken themed collection consisting of many figurines, wall hangings, cookie jars, plates, cups & many other items; very large doll collection of various sizes, themes & age of items inc. Captain Kangaroo Doll & other antique & porcelain dolls; very large Teddy Bear collection consisting of many sizes & themes inc. Boyds, Sports, Winnie the Pooh 100 year anniversary & others; Campbell Soup theme items; Norman Rockwell item collection of prints, puzzles & books; Thomas Kinkade wall art; asst. porcelain & glass figurines of various sizes & vintage; collector puzzles, some in new condition in sealed boxes; 3 flat top antique trunks, good condition; vintage Western Flyer bicycle; vintage Red Wagon; collector tins; toys. **COIN COLLECTION inc.** Half Dollars, Quarters, Nickels & other various coins. **TOOLS:** Various hand tools and specialty items.

**Auctioneer's Note:** This will be a very large auction with many collectible items. Come see what we find!

**TERMS:** Cash or valid check. Not responsible for accidents or theft. Statements made sale day take precedence over printed material.

**SELLER: PHYLLIS ANDERSON ESTATE**

This is a partial listing, please visit website for complete listings:  
[www.mcclivestock.com/clinerealty](http://www.mcclivestock.com/clinerealty)

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Farmers in Kansas and across the United States stand to benefit as a result of the announcement by the U.S. Agency for International Development that it has awarded \$21.9

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## Good for the world, good for Kansas; in helping to feed impoverished nations, K-State also is helping U.S. farmers

million to continue work to end global hunger and poverty through three Kansas State University programs.

During the annual Kansas Governor's Summit on Agricultural Growth in Manhattan, USAID said it is awarding \$14 million over five years for the Feed the Future Innovation Lab for Sorghum and Millet (SMIL); \$3 million over three years for the Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss (PHL); and \$4.9 million over five years to the Feed the Future Innovation Lab for Applied Wheat Genomics.

All three of those programs were established at K-State in 2013. The new awards represent an extension of work the labs have been doing the past five years.

"These university programs, the innovation labs, are part of our implementation of Title XII of the Foreign Assistance Act, which mandates that these university programs provide dual benefits to both the U.S. and our developing country partners," said Jennifer "Vern" Long, the acting director for the

office of agriculture, research and policy in USAID's Bureau for Food Security.

"So it's our intention from the outset to ensure that the focus of the research is not only to achieve our development goals of ending hunger and reducing poverty (globally), but also to ensure that we are delivering benefits to the U.S. as well."

U.S. researchers proved this point with work done to provide resistance to the greenbug aphid in the 1980s. The pest infested U.S. sorghum fields, causing widespread losses, but work abroad allowed scientists to quickly implement host plant resistance, saving an estimated \$389 million for U.S. producers - equivalent to \$750 million in 2015 dollars.

K-State researchers also were directly involved in international efforts to develop wheat varieties that are resilient to heat and drought, as well as developing mitigation strategies to prevent the spread of aflatoxin in corn - a problem that could cost U.S. corn producers \$1.67 billion in losses in bad years.

"We have a good track

record through the innovation labs as a whole of safeguarding U.S. agriculture," said Jagger Harvey, director of the PHL.

"Sometimes these are problems here in Kansas and the U.S., but it's an issue season in and season out in the countries we're working in," Harvey said. "By working on the front lines, helping to give them a safer food supply so they can be healthier and really contribute to thriving economies, we can bring that back here to the U.S."

Ernie Minton, the interim dean and director of the College of Agriculture and K-State Research and Extension, said that what the university's innovation labs do is "important work."

"It's everything from the return of important germplasm to stimulating markets in under-developed countries," Minton said. "I understand one of the measurable impacts has been an increase in exports to those countries. That's one of those situations where all boats rise when we're successful here at K-State."

K-State has a fourth program, the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification, which will be considered for renewal by USAID in 2019.

"All of these efforts lead back to the basic principal that U.S. universities serve their local communities in their home states and small-holder farmers halfway across the world," Long said during last week's announcement. "We think this model where U.S. universities like Kansas State work closely with local constituencies to ensure that the work is relevant is a model worth sharing."

Learn more about USAID and the Feed the Future initiative at [www.usaid.gov](http://www.usaid.gov).

## CLOSE-OUT AUCTION

THURSDAY, SEPTEMBER 20, 2018 — 1:00 PM  
1218 HOSTETLER DRIVE — MANHATTAN, KANSAS

Clark GCS12 propane fork lift with forks & poles; Hyster S40B propane forklift with pole & forks.

20 sections warehouse shelving 8'X9' high (very good shelving); 4 air compressors; 2 floor drying fans; 2-18" laminate tile cutters; 3 ceramic tile saws; electric carpet & tile stripper; air tile remover; electric vinyl stripper; 2 carpet steamers; electric carpet puller; stand up floor sander; tile cutters; concrete grinder; floor edger; power stretch-

ers; linoleum rollers; wall ceramic tile wet saw; fans; linoleum, wood, refrigerator & carpet dolly's; texture (ceiling) machine; carpet binder; large fan; aluminum & wood ladders; pallet jack; drill; shelving; **LOTS DISPLAY SHELVES & RACKS;** carpet & vinyl racks; propane bottle cage; mattress & box springs; work bench; tool chest; tools; trowels; all types of tools used in floor covering business; many displays, racks, samples; hundreds & hundreds carpet samples.

Many carpet remnants; vinyl remnants; Lots ceramic tile; laminate flooring; LVT plank & tile; carpet squares; vinyl composition tile; lots wood flooring; carpet tile; wooden laminate transitions ; 4 gallon buckets of adhesive; tile grout; carpet trim; vinyl wall base; tack stripe.

**OFFICE EQUIPMENT**  
Computer desk; table & 6 chairs; shelving; table; refrigerator; 2-drawer lateral file cabinet; credenza; Carson copier & cart; manual & electric typewriter.

**NOTE:** After over 45 years in business, Irvine's Floor Covering is selling out. This is a very partial list. Many many possibilities!

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## AUCTION

SATURDAY, SEPTEMBER 22, 2018 — 10:00 AM

Held at Wischropp Auction Facility, 930 Laing St., OSAGE CITY, KS

**Selling 33± Guns selling first at 10 AM:** Marlin 1870 336 & 30 AW, 30-30 & 881 22 cal.; Winchester 94 30-30 & 67 22 cal.; Remington SM 552 22 cal.; 3 Ruger M77s, 220 & 2250; 3 Remington 700s 243 & 223 & 2250; Marlin 1895G 4570; Savage Super Sporter 30-06; Beretta 92 SB 9MM; Remington nylon 66; Plus 10 more. DuraCraft drill press; Thunderbolt AC/DC box welder; Titan 7500 dsl generator, new; 2006 Polaris 500 6x6; 2008 Polaris 500 HO 4x4; TRUCKING RELATED Items

& Tools: 16+ 3/8 to 1/2" ratchet boomers; 6 regular boomers; 11+ log chains; various size straps & winches; selection of Cat filters, hotshots, whips, poles, etc.; 40± 4" Kinedyne straps; Victor Journeyman torch set; sand blasting cabinet w/vac; C-H air compressor, 7hp, 60 gal.; 2 Bishamon 550 lb. pallet jacks; selection of 22.5 & 24.5 bud & hub pilot alum. & steel wheels; Titan HD trash pump; large selection of trucking related items, tire tools, triangles, rope, load locks, hub oil, **MUCH MORE.**

**NOTE:** Great Selection of Firearms, Plus Trucking Items. Inspection Auction Day only. FFL Rules Apply. Guns to Ks. Buyers only

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## AUCTION

SUNDAY, SEPTEMBER 23, 2018 — 12:30 PM  
119 W. Mackenzie — WHITE CITY, KANSAS

**COLLECTIBLES**

Federal candy machine; Coca Cola pop machine, running 35 cent pop; Dr. Pepper pop machine, running 35 cent pop; metal signs; numerous vintage prints; deer tapestry; numerous cigar boxes; banks; large selection of vintage bottles, S&P's and other glassware & china; brass Aladdin pocket lamp base & others; kerosene lamps; wood boxes; animal figurines; manual typewriter; various primitives; Coors hanging light; pottery pcs.; Presidential spoons; watches & jewelry; foreign coins; Wittmauer wrist

watch; bushel & peck baskets; 33 albums; military dress uniform & other items; various toy train cars, engines & other items; printers tray; Sewmor electric sewing machine; grist mill; Mantola radio.

**SAFES & FURNITURE**  
2 Victor Safe & Lock Co. safes, one 70"H, 41"W, 36"D the other 33"H, 23"W, 22"D with combinations; oak desk; mahogany drop front desk; Sanyo apartment size refrigerator running; primitive painted table; large walnut roll top desk; steamer trunks; mahogany 5 drawer chest with glass pulls; 2 Mc-

Call's cabinet; file cabinets.

**TOOLS & MISC.**  
Craftsman 3500 watt generator; Craftsman 22" snow blower, electric start, like new; Craftsman tool chest; Honda Aero 50 scooter, needs work; IBA scooter, needs work; Craftsman paint pot; pneumatic tools, impacts, sanders, etc.; various power & hand tools; body tools; 5th wheel hitch; English saddle; Chilton manuals; HD 5" vice; motorcycle helmets; Teal pump; transfer pump; chain hoist; new ratchet straps; books of all kinds; fishing tackle.

**AUCTIONEER'S NOTE:** There are many, many boxes that have not been opened, so this is a partial list. Hard to tell what we will find, so come spend the afternoon with us.

**DON & CHARLENE ROSS**

**NAA** Terms: Cash or Good Check. Not Responsible for Accidents.  
Statements made day of auction take precedence over printed material.  
Lunch available.

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## AUCTION

TUESDAY, SEPTEMBER 18, 2018 — 4:30 PM  
13340 SW 67th — TOPEKA, KANSAS  
(1 mile South of Dover, Kansas then East 1/4 mile)

2007 Chevy Z71 off Road pick-up, only 54,087 miles, 4WD, automatic, tan leather interior, very nice truck.  
1962 Massey Ferguson work bull tractor with front loader; 1994 Ford pick-up; Allis JD5 crawler tractor with front loader & rear ripper; 15' outboard bass boat & trailer (bad engine); trolling motor; Marlin model 60, 22 rifle; Poulan Pro 5HP rear tine tiller; Troybilt push mower with bagger; Craftsman radial arm saw; Delta mitre saw; Delta band saw & stand; Craftsman shaper; push type string trimmer; 10" portable table saw; 36" wood lathe; Coleman portable generator; portable air compressor; air nail gun; roll around tool chest; Echo 18" chain saw; router; battery

charger; circular saw; tool box; various tools; wrenches; disc sander; grease guns; post puller; fence stretcher; disc sander; leather tool belt; post driver; shovels; post hole digger; oil & shop products; organizer; fibre glass step ladder; floor jack; aluminum step & extension ladders; clamps; files; wrenches; sockets; hammers; vise grips; extension cords; gas cans; weed eater; squirrel cage fan; flat dolly's; fishing poles; life jackets; waders; BBQ grill; hunting jacket; tire & wheels; shop table.  
1" & 2" lumber; miscellaneous Oak & Walnut lumber.  
Bassett china cabinet; console sewing machine; bookcase; barn board cabinet; treadmill; trunk; night stand;

1/4 in bed; oval glass top table; '50's floor lamp; chair; console stereo; 4-drawer file; fishing reels, hunting items; folding table; 10 gallon Diamond crock; ice cream freeze; cooler on wheels; concrete planters; bird bath; igloo cooler; toter fan; stepper; cots; table; luggage; doll bed; '50's cake carrier; knives; kitchenware; bottles; mirror; sad irons; snack sets; yearbooks; Hummingbird feeder; children's books; log rack; brass items; magazine rack; Walnut lazy susan; Centennial & silver leaf glasses; teapot; stein; sheets; vases; Wedgwood vase; compute; Tupperware; ceramic Christmas tree & other decorations; pots; pans; games; books; roaster; paper roller; globe; miscellaneous items.

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# K-State Ranching Summit provides future insight

More than 150 producers, students and industry professionals gathered in Manhattan for the 2018 K-State Ranching Summit August 15. Designed to equip managers with the skills to address the challenges of ranching in the business climate of today and tomorrow, the theme of this year's program was Beef 2030 – Pursuing technology, transparency and profitability.

"It was a great conference," said Vernon Suhn, GeneTrust managing partner, Eureka. "The conference again reinforced to me that the beef industry is not keeping pace with other industries in utilizing the technology avail-

able to us. We need to take advantage of the tools and resources available in all aspects of genetics, production and innovation to make progress and thus keep the beef industry competitive as a food and protein source for the world."

Mark Gardiner, Gardiner Angus Ranch, Ashland, kicked off the morning session with a discussion on pursuing, adopting and leveraging technology in a seedstock operation. Issues covered included maintaining profitability through weather, market and the ongoing challenges for beef producers. Tyson Johnson with Soon-er Cattle Co., Pawhuska,

Oklahoma, reviewed key managerial accounting numbers for ranch managers. Don Close, Rabo AgriFinance, St. Louis, Missouri, addressed their research in beef and protein market consumer trends and what potential impact these trends will have on beef producers. Matt Perrier, Dalebanks Angus, Eureka, ended the morning program with his response to the morning session followed by questions and answers.

"Turn data into information, and information into decision-making tools," Perrier remarked. He added that transparency has value, and consumers want that transparency

with their steak. "This is business; it is more than just cattle, or profits or loss. It is a people business."

Tom Field, Director of the Engler Agribusiness Entrepreneurship Program at the University of Nebraska, started off the afternoon session covering disruptive technologies in the beef industry. K-State ASI faculty Dr. Megan Rolf, discussed the potential for the disruptive genomics/genetics technologies. K-State ASI Extension faculty Dr. Luis Mendonca provided an overview of the power of big data he's captured through the collaborative benchmarking system he's

helped develop called DRINK. John Butler, Innovative Livestock Services, Great Bend, then shared his vision of the Beef Industry in 2030. The event closed out with Dale Blasi, Kansas State University Extension specialist, Manhattan, sharing his response to the afternoon program followed by questions and answers.

"The KSU Ranching Summit was a great blend of producer-driven information and upcoming university research," said Barrett Simon, a Summit attendee and Post Rock District livestock agent. "At the end of the day, it's all about boosting profits in the beef business,

without a secure bottom line, producers cannot build a sustainable program. We heard from industry leading producers on how to capture value as well as monitor inputs to boost profit. Personally, I felt that the discussion between the speakers and producers in the question and answer segment will greatly lend to progression of the beef industry in Kansas."

Videos of the presentations and PDF proceedings are available on the KSUBeef.org website and the KSU Beef YouTube Channel — <http://bit.ly/KSURanchingSummit>.

# Labor shortage, wage inflation compound struggles within agriculture industry

As the U.S. economy continues to grow and unemployment dwindles, labor scarcity and wage inflation threaten the rural economy and put additional stress on profitability of the agriculture industry at a time of depressed commodity prices. Manual laborers are chasing higher wages offered in industries like transportation, construction, hospitality and mining, forcing agriculture employers to increase wages at a faster rate to compete, according to a new study from CoBank's Knowledge Exchange Division.

"Wages have historically been higher in these other industries compared to most farm labor," said Ben Laine, a senior economist with CoBank. "The difference now is that these jobs are much more widely available and are more in line with the background of workers coming from Mexico."

The scarcity of farm labor is also exacerbated by the shrinking number of migrant workers from Mexico. In addition to immigration controls like

tightening borders and increased immigration enforcement, birthrates in Mexico are falling and populations are moving toward urban areas, leaving fewer people with agricultural backgrounds who would be interested in U.S. farm work.

The CoBank study, "Help Wanted," is broken into two sections, "Wage Inflation and Worker Scarcity," and "U.S. Agribusiness Experience Hiring Headaches."

The study explains how inflated wages result from scarce labor conditions and features direct accounts from a wide cross-section of agricultural operations detailing the workforce challenges they are currently experiencing. Included are accounts from a poultry processor in North Carolina, a pork producer from Minnesota, a feedyard owner in Texas, custom harvesting operations in Florida and California and dairy producers in New York and Washington.

"Labor accounts for a significant share of overall operational costs for many

types of farms, particularly specialty crops and dairies," said Laine. "In 2016, labor costs on all farms made up about 10 percent of gross income while in the specialty crop sector, that share was closer to 27 percent."

Without a clear solution to the labor shortage in sight, these challenges

are likely to persist in the years ahead. "Ultimately, the risk to the agriculture sector or any domestic industry is that wages will increase to the point where it becomes more cost effective for the U.S. to import commodities rather than import the labor to produce them domestically," said Laine.



Justin Gerber's champion Alpine was named best doe in show at the Riley County Fair. He is a member of the Bonfire 4-H Club.



Rachel Featherstone, Wildcat 4-H Club, showed the reserve champion Jersey and earned reserve champion senior dairy showman at the Riley County Fair.



Judge Bill Toews selected the entry shown by Tyler Beckman of the Wildcat 4-H Club as the champion market goat at the Riley County Fair.



Earning senior reserve dairy goat showman at the Riley County Fair was Cheyenne McCabria.

### REAL ESTATE FOR SALE

- **320 Acres (ML)** 189 terraced cropland, 90 acres pasture, 23.12 acres timber, 7.72 acres waterways w. modern 5 bed. 2 bath home & sheds. North Morrowville, 14 & 15-2-2 Wash. Co. Ks.
- **120 Acres (ML)** 74.78 acres bottom to terraced cropland, 35.36 acres hay meadow, 3.24 acres waterways, 5 acres creek. North of Cuba. Sec. 33-2-1 Rep. Co. Ks.
- **70 Acres (ML)** 49.61 acres terraced cropland, 19.05 acres waterways, South of Munden. Sec. 33-2-2 Rep. Co. Ks.
- **160 Acres** south of Courtland, has 119.7 acres pivot irrigated cropland, 22.3 acres dryland cropland, 5.23 acres waterways. 25-3-5 Rep Co. Ks.
- **160 Acres**, east of Hollis, has 122 Acres pivot irrigated upland cropland, 32.1 acres dry land cropland, 4.85 acres waterways. 11-15-2 Rep. Co. Ks.

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## LIQUIDATION AUCTION #2

### ERNST & SON HARDWARE

SUNDAY, SEPTEMBER 16 — 10:00 AM  
 826 Massachusetts — LAWRENCE, KANSAS

*Kennedy/Ernst Hardware Opened in 1905-26 & Ernst & Son Hardware from 1926 to Present & Was Lawrence's Longest Continuously Running Business!*

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*See last week's Grass & Grain for listings & Please visit us online [www.KansasAuctions.net/elston](http://www.KansasAuctions.net/elston) for pictures!*

Large bldg. to sell from in case of inclement weather! KS Sales Tax will Apply!

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## AUCTION

SATURDAY, SEPTEMBER 22, 2018 — 9:30 AM  
 Sale Location: 424 Sunflower Rd. — WATERVILLE, KANSAS

**Farm Machinery & Equipment**

IHC 5100 Soybean Special Drill w/alfalfa seeder; Grain-O-Vator 125 bu; 32 ft Cultivator; John Deere Plow/disk 13ft; John Deere Rake 640; Clipper 560A Fertilizer Spreader; 500 gal Sprayer; 4-Wheel Wagon w/hoist; 3-pt Post hole digger w/9 & 12" bits; 3 Dump Rakes; Buzz Saw; Iron Wheels; McCormick pull-type mower; Triple-axle Gooseneck 300 bu Grain Trailer; WinCo Generator 35K PTO; 1550 Oliver tractor w/bucket & bale tongs; 1440 IHC Combine (AC) w/820 Flexhead; 400 IHC 6-row Planter; John Deere Single Horse Engine; Great Plains Drill, 15 ft, solid stand; Log splitter; 3-pt Mist Blower; IHC 47 Baler, string tie; 3-pt Spreader; Hesston Stackhand #10; EZ-Flow Gravity Flow Wagon; Gravity Flow Wagon; 1977 Ford F600 Grain Truck, V-8, single axle; 18 ft Disk; Dehorning Chute; IHC 400 Planter, w/fertilizer attachments & seed drums; 2 Feed Bunks; 500 gal Propane Tank; Double Bale Feeder, shop built; 8 ft Water Tank; 3-point Post Hole Digger; Mist Blower; 16 ft Stock Trailer; John Deere 3-point Sickle Mower; 3-point Bale Spear; 3-point 1-Tong Ripper; 3 Section Drag Harrow; 220 John Deere 17.7 Disk; 8350 IHC Swather w/Hydraulic Swing; 620 IHC Drill; 21 ft Field Cultivator; 4-Wheel Hay Feeder; John Deere 6-row Cultivator; John Deere 5-16 5 bottom Plow; 3-Point Cement Mixer; Jetco PTO driven Wire Winder; Electric Fence posts and Electric Fence Wire; Cream cans; Milk barn items.

**SELLER: GLEN & LOIS ANDERSEN TRUST**  
*Mark Anderson, Trustee*

**ITEMS TO BE SOLD FOR D.O. & DELORES PARKER TRUST**

John Deere 4020 Tractor w/#48 Loader, Nice tractor, good tires; John Deere A Tractor, good tires; 1947 Farmall M Tractor, straight gear shift; 1947 Chevrolet Loadmaster Truck w/Grain box; 1974 Ford L800 w/JD Feed box, air brakes; 2-wheel Steel Trailer; 24 ft Crust Buster; IHC 9ft Sickle Mower; 30 ft IHC 496 Disk — good; 3800 2-row Silage Cutter — good; Dump Rake.

Announcements day of auction take precedence over printed material. Not responsible for accidents. **Lunch Served!**

Sale Conducted by: **VATHAUER AUCTION SERVICE**  
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 Clerk: Arlyss Vathauer • Go to [KansasAuctions.net/vathauer/09/22/for pics!](http://KansasAuctions.net/vathauer/09/22/for pics!)

## SCHMIDT ESTATE AUCTION

SATURDAY, SEPTEMBER 22, 2018 — 10:00 AM  
 225 Union — EMPORIA, KANSAS

*Following is a partial listing. There will be many Snap On items, good, useable tools and Collectible car parts.*

**CAR LIFT**  
 2012 4 post electric/hydraulic car lift, single phase, 2.5 hp.

**SNAP ON TOOLS (partial list)**  
*Please check out the photos on website*

Dale Earnhardt tool box, FULL and sold in sets; gear puller set & cabinet; Bead Blaster cabinet; parts washer; air tools; battery charger; plasma cutter; diagnostic center; pliers; bars; adjustable wrench set; gear wrenches; nut drivers; socket sets; SAE & Metric box, open, ratchet, sockets, various drives; specialty tools; Chamois wringer.

**SNAP ON COLLECTIBLES**  
 Clocks; horse shoe set; Thermometers; 70th Ann. Screwdriver set; Racing game set; Dale screwdriver set; Dale JR. screwdriver set; Tool box/jewelry case; Radio; Gift Bucket set; Dog Daze of Summer tin picture; Mirrored picture; coolers.

**DALE COLLECTIBLES**  
 #3 picture, bucket, magnet of car, True Champion posters, Cooler bags, Sunshade, notebook.

**SHOP EQUIPMENT**  
 Big Joe Model 1518AT, 1500# electric fork lift with engine lift attachment; 16 ga. Brake; 20 ton press; Spot welder; Drill press, bits; Chop saw; Metal band saw; Manual tire changer; 100# anvil; Century Mig welder; Band saw blade welder; Rotating parts or bolt bin cabinet; 10 angle head buffers/grinders, electric and air; All sizes sanders; Bench grinders; Bar clamps and welding clamps; Manual tumbler roller/dies; HD 8" shrinker/stretcher; Body tools; Sawzalls, hand held band saw, worm drive saws; Porta powers; English wheel forming machine; small

and compact manual bending machine; Ladders; Trak Cut circular saw with miter guide; Pipe threader; Plastic welder kit; Worx electric tools; Welding helmets; work lights; Body tools; *There are many many sets of good useable tools, all brands, more screwdrivers than you can count; Heavy shelving & MORE!*

**COLLECTIBLES**  
 Wayne model 80 series 4T gas pump; NASCAR "stuff"; **Advertising items inc.:** Delco batteries, Budweiser racing, National Hot Rod Ass., Nascar cereal boxes, Mr. Cola, Grapette, Snap On metal, Fallout Shelter, Chevrolet Service, Chevrolet Parts, Pneumatic can crusher with Hurst shift knob.

**CAR PARTS**  
 Corvette trunk lid; 70's Chevrolet swivel bucket seats; 66, 67 Chev II fiberglass front fenders; GM front and rear seats; 59 Chevy hood; 40's-50's GM pickup fenders, doors, glass; 2nd gen. Sub frame for Camaro; Ansen NHRA approved bell housing; 55-57 Chevrolet bell housings.

**ENGINE BLOCKS**  
 GM 307, 305, 283, 350 2 and 4 bolt, 327, 348, 454, 366, 350, 307, 409, 3-V6's; **Ford:** Parts to rebuild engines, cam, pistons, rings, Exhaust Manifolds: 409, 62-63 Corvette, Side angle dump, 65 Corvette, 348, 350, 400, 327, 307, **Heads:** Ford Cleveland, 305, 307, 327, 350, 400, 348, 409, 283, 327, 289; **Intake Manifolds:** Edelbrock C3B, C3BX, C26, & lots of GM2 barrel and 4 barrel & Quad set.

**MORE**  
 Hubcaps; some useable metal and some scrap iron.

**Terms:** Cash or approved check day of auction. Remove all items day of auction.  
**AUCTION ORDER:** will start on the Snap On tools. Car parts sell last. This auction will last 5-6 hours. **Good Food available!**

Photos at: [www.hancockauctionandrealstate.com](http://www.hancockauctionandrealstate.com)

## HANCOCK AUCTION & REAL ESTATE

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## TWO-DAY NATIVE AMERICAN ART AUCTION

FRIDAY, SEPTEMBER 21, 2018 — 6:00 PM  
 & SATURDAY, SEPTEMBER, 2018 — 11:00 AM  
 4795 Frisbie Rd. — SHAWNEE, KS 66226

*We have an exquisite collection from Santa Fe, N.M. Also have a fine collection from Oklahoma City, Fort Collins & Colorado Springs is also included in this auction. Several individual consignments*

This is a great selection for this auction. Many pieces directly from many of the finest New Mexico & Arizona Indian Artists as well as from many well-known Reservation Trading Posts & Traders.

Extremely nice selection of Artwork to include originals & various prints, Sand paintings, Navajo Rugs, Pottery, Navajo & Hopi baskets, Jewelry, Storytellers, Hopi Kachina dolls, Sculptures, Drums, Pendleton blankets & much more, view the web sites for list, photos & terms or call for flyer. There are also some Non-Indian items included in this auction. This is a fantastic opportunity for collectors and dealers alike. You don't want to miss it!

**View the websites for list, photos & terms or call for flyer.**

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## AUCTION

SUNDAY, SEPTEMBER 16, 2018 — 10:00 AM  
 Due to health concerns, following sells at  
 Wischropp Auction Facility, 930 Laing St., OSAGE CITY, KS

SELLING DAISY BB GUN COLLECTION! 120+ BB guns, many rare or vintage, all types & varieties included.

12+ mostly Hubley cap guns; Hoppy & Roy R. items; Buffalo Bill Cody sign picture; 2 Red Ryder cardboard displays; Red Ryder patrol satchel; Field & Stream 1871 Pro Series gun safe; Smith & Wesson 15-3 38S revolver; Sig P238 380 pistol, NIB; Remington 870WM 12 ga.; World's Smallest Gun w/case; New Model Army blk ppy. revolver, replica; Harpers Ferry 817 Civil War era muzzle loader; WWII items inc. several German & US bayonets, helmets, etc.; 125+ model cars of all sizes & descriptions; neon Corvette sign; vintage "Save For New Car" bank; great selection of Corvette items; 2008 Chevrolet Corvette LS3 convertible, lots of extras, 1 owner, 39,250 miles, selling approx. 1:30; Lots of smalls, Army, Corvette, Daisy, etc. & related items.

**MANY, MANY OTHER ITEMS! 2 RINGS. PREVIEW: Friday, Sept. 14, 4-7 PM. Auction Day: 8:30 AM.**

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# Fall is a great time to control sericea lespedeza and blackberries

By Keith Martin, livestock and forage agent, Wildcat District  
 Although Ben Franklin's quote, "An ounce of prevention is worth a pound of cure" was made in reference to fire prevention it can certainly be applied to grassland managers dealing with sericea lespedeza and blackberries. Due to their rapid spread and persistence controlling them only gets more difficult and expensive as they become more established in your pastures.

these plants make this an ideal time to apply control measures. The fact that most control measures that are effective in the fall are more economical than those used earlier in the growing season is a huge bonus as well. Sericea lespedeza is in the process of setting flowers, which is a prime time to apply herbicides and get effective control. After sericea has flowered and up until the first freeze, metsulfuron (marketed under Escort, Ally, Cimarron, and other trade names) is the herbicide of choice for control. Metsulfuron can control sericea

even through seed fill, unless the plants are under drought stress. However, to avoid the formation of viable seed timing of spray is ideal toward the end of full flower. Some recent K-State research has also studied burning native grass pastures around the first of September as a method to greatly reduce seed production and keep this noxious weed in check. Results from these studies are very promising and I would strongly suggest you use this tool to battle this plant.

after it has gone to seed. This can prevent spread of seed by cattle to other areas. Controlling sericea is a multi-year process and any control measures will need follow-up to maintain effectiveness. Spraying remaining plants after a late summer burn or herbicide application next June when the plants are in a vegetative growth stage with Remedy or PastureGard according to label directions can further reduce stands of sericea. Blackberry plants are utilizing the current good growing conditions to rebuild the carbohydrate re-

serves of its underground rhizomes, which occurs after fruiting. Herbicides containing metsulfuron have been shown to be effective in controlling blackberries if applied during this time of year. Metsulfuron is a slow-acting herbicide so be sure to apply controls about 45 days or more prior to a killing freeze. Herbicide treatments on blackberries that have been mowed within the past four months aren't recommended due to the reduced leaf area to absorb the herbicide. Regardless of which herbicide you choose be

sure to read and follow all label directions and pay particular attention to details on recommended rates, surfactants and managing herbicide drift. Ben Franklin's axiom certainly applies to controlling blackberries and sericea, if left unchecked these pests continue to reduce the carrying capacity of your grassland and become increasingly more costly to control. For more information about this or other livestock topics please contact me at (620) 784-5337 or you can email rkmartin@ksu.edu.

# USDA invests in 22 new projects to spur innovation in grazing lands, organic systems and soil health

USDA will invest more than \$10.6 million for 22 new projects that will drive public and private sector innovation in con-

serving natural resources in 27 states, including Kansas. The competitive Conservation Innovation Grants (CIG) program

helps spur development and adoption of new conservation approaches and technologies. "Through USDA's

Conservation Innovation Grants, we are able to bring together a wide array of groups to drive innovation and spur cutting-edge projects here in Kansas," said Karen A. Woodrich, state conservationist with USDA's Natural Resources Conservation Service (NRCS). "This year's competition resulted in an impressive array of proposals that will ultimately benefit Kansas' people who grow our food and fiber."

Through this grant program, public and private grantees — including nongovernmental organizations, American Indian tribes, academic institutions and local govern-

ment entities — leverage the federal investment by providing a match or cost share that is at least equal to the amount of federal funding requested. Projects focus on this year's priority areas: grazing lands, organic agriculture systems, and soil health. This year's grants bring the total USDA investment to more than \$297 million for 732 projects since 2004.



**Jim Gerrish, American Grazing Lands Services**

Mon - Sept 17 | Lyon Co Fair Anderson Bldg, Emporia  
 Tue - Sept 18 | Samuels Community Bldg, Eureka  
 Wed - Sept 19 | St. Columbkil's Parish Hall, Blaine  
 Thu - Sept 20 | Jewell Community Center, Jewell  
 Fri - Sept 21 | KS Polytechnic Center, Salina

[www.kaws.org/events](http://www.kaws.org/events) 8am-5pm

for more info: 785-562-8726 [mhowell@kaws.org](mailto:mhowell@kaws.org)

**\$25** includes lunch & materials

**USDA** United States Department of Agriculture National Institute of Food and Agriculture

ment entities — leverage the federal investment by providing a match or cost share that is at least equal to the amount of federal funding requested. Projects focus on this year's priority areas: grazing lands, organic agriculture systems, and soil health. This year's grants bring the total USDA investment to more than \$297 million for 732 projects since 2004.

**LONGNIE WILSON'S CONSIGNMENT SALE**  
 601 S Broadway, Salina  
 Saturday, Sept 29 10 am  
 Accepting consignments now for our next sale.  
 Boats, campers, guns, trailers, farm equipment, vehicles, motorcycles, mowers, tools & more featured in this sale.  
 Contact auction staff, consign early and benefit from \$\$\$ advertising in newspapers and web sites before the sale.  
**Wilson Realty & Auction Service**  
 Lonnie Wilson 785-826-7800

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**80± Acres of KIOWA COUNTY LAND AUCTION**  
**WEDNESDAY, SEPTEMBER 26, 2018 — 1:30 PM**  
 Sale Site: Hamm Auction Center, 107 NE State RD 61 PRATT, KANSAS  
 Land Located: From Haviland: 2 miles West, 2 miles North.  
 Legal Description: E2 of NE4 of 02-28-17, Kiowa Co. KS.  
 Land Description: Pasture with good stand of grass. Small galvanized metal oil shed. Two other sheds one is 24x36 the other 25x35; Property has a water well with new pump and motor in 2013 pumps 20± gallons per minute; Property also has a tree row on the north end and a pond (currently it is dry).  
**Possession:** On Closing; **Mineral Rights:** Mineral Rights convey to the Buyer; **Earnest Money:** \$5,000.00 Down Day of Sale; Balance in Certified Funds at Closing. **Taxes:** 2018 taxes Prorated to Day of closing. **Title Insurance:** 50% Buyer; 50% Seller, Pratt Co. Abstract; **Closing Fee:** 50% Buyer; 50% Seller; **Closing:** On or Before October 26th, 2018.  
**Full Sale Bill Online at [www.hammauction.com](http://www.hammauction.com)**

**HAMM Auction Real Estate**  
 John Hamm/Auctioneer  
 620-450-7481  
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[www.hammauction.com](http://www.hammauction.com)  
 Announcements made day of sale take precedence over all materials.

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**Stretch your Summer grass!**

Key 16 Calf Creep will feed the calf and save grass for the cow. 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.

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

Report from September 5th, 2018

STEERS	7	552	161.00		
3	503	184.00	14	712	138.50
9	488	184.00	56	952	136.75
3	542	175.00	TOP BUTCHER COW: \$70.50 @ 1,595 lbs.		
6	628	169.00	TOP BUTCHER BULL: \$75.50 @ 2,100 lbs.		
11	648	157.00	BRED COWS: NO TEST		
11	794	150.00	PAIRS: NO TEST		
6	897	147.00			
HEIFERS	1	330	185.00		
1	370	170.00			

**CONSIGNMENTS FOR SEPTEMBER 12:**  
 33 AngX Fall bred cows, 3-7 yrs - Dispersal.  
 6-6 blkX Fall pairs, 7+, Gardiner sired calves.  
 10 blkX str, 650-750 lbs.  
 ~Plus more by sale day!~

**SPECIAL FALL CALF SALE, MONDAY, OCTOBER 1 • 7:00 PM**

Please check our Facebook page - Junction City and Clay Center Livestock Sales - for up to date consignments & videos.

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

**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: 9/5/18 Total Head Count: 458.  
 COWS: \$57-62.00; \$52-\$56.75; \$51 & down.  
 BULLS: \$74-84.00, light test.

HEIFERS	6 Char.....593@154.00	8 mix.....683@157.00
3 blk.....537@150.00	2 mix.....565@143.00	3 blk.....620@154.00
20 bkbwf.....666@153.00	18 mix.....691@150.00	3 blk.....652@153.50
7 mix.....736@146.00	14 mix.....730@142.00	2 bkbrf.....663@148.00
19 mix.....761@141.50	20 bkbwf.....785@139.75	13 mix.....672@142.50
3 blk.....797@137.00	6 blk.....788@136.00	4 mix.....689@152.13
6 blk.....788@136.00	21 mix.....818@140.00	16 mix.....748@150.00
4 blk.....853@139.50	35 blk.....846@138.25	8 mix.....771@150.00
5 blk.....888@136.75	3 blk.....848@135.00	5 wf.....703@148.50
3 blk.....848@135.00	9 blk.....932@136.25	20 mix.....793@146.00
2 blk.....518@169.00		15 blk.....829@146.00
		19 blk.....868@145.00
		10 mix.....824@142.50
		23 mix.....876@142.00
		11 blk.....943@143.50
		10 blk.....919@142.75
		19 mix.....913@142.50

**STEERS**

**CLAY CENTER LIVESTOCK SALES INC.**  
 Cattle sales Tuesday, 11:00 AM.

**NO MARKET RESULTS DUE TO HOLIDAY AND HEAVY RAINS**

**NEXT SHEEP & GOAT SALE SATURDAY, OCTOBER 6**

**SPECIAL EXOTIC ANIMAL & BIRD SALE SATURDAY, OCTOBER 20TH**  
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 LYLE WILLIAMS, Field Representative, 785-229-5457  
 WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.  
 To see more consignments go to: [emporialivestock.com](http://emporialivestock.com)

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

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

# Kansas Corn Corps Young Farmer Class experiences agriculture in three states

The Kansas Corn Corps Class 2 domestic trip gave participants the opportunity to experience production agriculture and affiliated industry in Illinois, Indiana, and Michigan. The purpose of the trip is to help these young farmers experience and learn about various agricultural industry businesses outside of Kansas and to expand their knowledge about how to effectively communicate with consumers while learning how to think outside the box.

Young farmers are encouraged to apply for Kansas Corn Corps Class 3 by the Sept. 30 deadline at [kscorn.com](http://kscorn.com). The Corn Corps young farmer program is set up into

three sessions along with a domestic trip during the summer. Within these sections, the objective is to learn how you fit into your farm and progress as an individual, how your farm fits into the industry, and what opportunities and hurdles we face in the industry along with how we progress as the corn industry.

Corn Corps Class 2 toured and talked with many different agricultural companies and farms on their domestic trip. The first stop was in Chicago where they toured Lakeview Energy and talked with CEO and director Jim Galvin. The next stop was at Fair Oaks Farms in Indiana where they learned about ways

to advocate for agriculture while touring their dairy and swine operation.

"We have learned how to effectively say the right things to consumers and Fair Oaks Farms is a great example of how to do that, they did a really good job," said Hayden Guetterman, Bucyrus.

The second day involved a visit to *Farm Journal* and the *Ag Day* TV set in South Bend, Indiana, Journeyman Distillery in Three Oaks, Michigan, then to Victory Farms in Hudsonville, Michigan where they learned about production hurdles of other markets and the importance of media and why it is important to tell their story.

The final day started out at Carbon Green Bio-Energy ethanol plant where they learned about the plant's approach on expanding retail sales of higher ethanol blends throughout Michigan. They visited Brookside Farms which they learned about blueberry farming from a third-generation farmer and the marketer who markets produce for their cooperative member. The last stop of the trip was at Fenn Valley Winery and Vineyards in Fennville, Michigan where they learned about the history of the farm and why the western part of Michigan is an ideal grape-growing region.

Throughout the tour, these young farmers were

able to get a better understanding of how they fit into the larger production picture while gaining knowledge on how to effectively have a conversation with consumers which are two very important take-aways.

"Networking and learning has opened my eyes to see all of the opportunities in agriculture, and to actually be able to see it firsthand has helped to sink in that knowledge even further," said Garrett Kennedy, Gypsum.

Applications for Kansas Corn Corps Class 3 are being accepted until September 30, 2018. Kansas Corn Corps is a program of Kansas Corn Commission and Kansas Corn

Growers Association. Applicants can be between 21-45 and can be either individuals or couples. Applicants need to be a KCGA member. Apply online at [www.kscorn.com](http://www.kscorn.com).

Kansas Corn Corps Class 2 members are: David and Alicia Allen, Smith Cattle Company, Sharon Springs; Ben Bellar, Bellar Farm Inc., Howard; Hayden Guetterman, Guetterman Brothers Family Farms, Bucyrus; Garrett and Arissa Kennedy, Knopf Farms/Tri-Valley Seed & Services, Gypsum; Sarah Ellison, Marquette; Tyler Millershaski, MK Farms, Lakin; Ryan Niehues, Niehues Farm, Goff; Chris Ostmeyer, Ostmeyer Family Farms, Park City.

## New study: farmers will buy less crop insurance if it costs more

In their quest to harm farm policy, critics have long contended that crop insurance is so vital to farmers that changes in premium rates will have no impact on participation.

Such claims may be convenient for special interests hoping to weaken farmers' most important risk management tool by making it more expensive, but the claims are also incorrect, according to a new peer-reviewed study.

Crop insurance "would likely respond fairly abruptly to large cuts," explained Dr. Josh Woodard, an associate professor at Cornell University, whose work was recently published in the *Journal*

of *Risk and Insurance*.

Woodard observed that crop insurance demand is clearly responsive to price, as proven by the uptick in participation following Congressional actions over the years to provide premium support instead of ad hoc disaster payments. A similar decrease in participation would naturally occur if coverage costs more, he explained.

Results from Woodard's analysis of the demand for crop insurance on Illinois corn found that participants would purchase lower levels of insurance coverage as premium prices rise. In fact, some participants may drop out of buy-up coverage altogether,

Woodard noted.

"Crop insurance is already expensive for farmers but is necessary to obtain loans to invest in new technologies and conservation activities," he wrote. "Significantly cutting this support will not only hinder farmers' ability to invest in sustainable farm operations, but may push many farmers out of insurance and eventually out of business."

The findings are groundbreaking as past analysis of crop insurance assumed demand to be unresponsive to price, due to a shortcoming in the way past researcher's estimated demand. Woodard's methodology corrects for that limitation,

which should improve the reliability of future research in the field.

Though the paper does not advocate for or against crop insurance, it notes, "Policy makers should be properly informed by the most applicable and relevant research when seeking to estimate the impacts of policy changes on demand. This is particularly true in light of consideration of prospective rate-making changes in the program."

The study was published shortly after the House and Senate concluded debate on the 2018 Farm Bill. Both chambers passed bills that kept crop insurance strong and rebuffed efforts to make the program more expen-

sive by cutting funding, capping benefits, and limiting participation using an arbitrary income means test.

"A lot of farmers simply would not be able to afford their insurance coverage any longer if Congress were to substantially increase premium rates," Woodard concluded. "The long run costs of that should be factored into any policy decisions. I think lawmakers, correctly, understand this reality."

Lawmakers' support for crop insurance, which has become a cornerstone of U.S. farm policy, is not surprising. Prior to crop insurance's rise to prominence, taxpayers were called upon to fully fund

ad hoc aid after disasters. That was both expensive and inefficient.

With crop insurance, farmers pay for a portion of their safety net - collectively between \$3.5 and \$4 billion a year - so taxpayers don't shoulder all the risk. And aid arrives in weeks, not months or years, because private-sector insurers process claims instead of the government.

The program's popularity has steadily increased as Congress has made investments to make crop insurance more affordable and available for farmers. In 2017, it protected more than \$100 billion worth of agricultural goods on a record 311 million acres of land.

## NCBA: Consumer Reports article illustrates magazine's bias

NCBA calls a recent *Consumer Reports* article "What's Really in Your Meat?" nothing more than sensationalist journalism. The article, which bases its findings on unconfirmed residue screening tests of meat, draws false and misleading conclusions meant to deceive consumers and reduce the consumption of meat.

Results used in the story were erroneously released by USDA's Food Safety Inspection Service (FSIS) in March of this year following receipt of a Freedom of Information Act request. After realizing the mistake, FSIS worked to correct the error and provide accurate data from confirmed tests. However, even after the accurate information was provided

by FSIS, *Consumer Reports* continued to utilize the inaccurate information on which the article is based. FSIS released a statement reiterating these points.

"If violative drug residues are found in any meat

or poultry products, FSIS does not allow that product to be sold for human food. In fact, all meat and poultry products that are being tested for drug residues are not allowed to leave the company's con-

trol until FSIS labs determine that the product is safe and wholesome. If samples are violative, the

company is not permitted to ship any of these meat and poultry products to the grocery store."



The reserve champion market goat at the Riley County Fair was shown by Aurora Pitzer of the Bonfire 4-H Club. She is shown with judge Bill Toews.

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**BELLEVILLE 81 LIVESTOCK SALES**  
Junction Hwys 36 & 81 Belleville, Kansas  
**CATTLE SALES EVERY FRIDAY • 10:30 AM**

**CATTLE SALE FRIDAY, SEPT. 14**  
Complete dispersal of Fred & Diane Miller in Morrowville, KS:  
785-541-0630; 50 bk bwf rwf cows, 3-6 yrs w/ 350-500 lb calves at side, run back with bulls since June 4th. Will sell as PAIRS. All home raised, very gentle reputation herd. Sell at 11:30 a.m. in groups according to age.

**PLUS CALF SALE @ 12:00**  
67 blk, 525-625 lbs; 45 CharX blk, 500-625 lbs; 65 red blk mostly str, 475-575 lbs; 35 blk, 500-600 lbs; 28 red str, 450-575 lbs; 35 blk red, 450-600 lbs; 45 red mostly str, 450-600 lbs; 25 blk, 475-600 lbs; 40 blk str & hfrs, 450-550 lbs; 15 blk, 400-500 lbs; 13 x-bred, 900-1,000 lbs; 20 blk, 750-850 lbs. PLUS MORE!

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Hay Auction- Every Tuesday at 9:00 a.m.  
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Hog/Sheep/Goat Auction- Every 3rd Saturday  
Horse/Tack Auction- Every 1st Saturday

**Tues., Sept. 15<sup>th</sup> - Hog/Sheep/Goat Sale**  
**Tues., Sept. 18<sup>th</sup> - Bred Cow/Pair Special**  
**Tues., Sept. 25<sup>th</sup> - Holstein Special**

**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, September 6, we had a light run of 292 head of cattle with mostly packer cows selling on an active market.

STEERS	12 blk	525@155.50	18 bkbfw	908@137.50	
3 bkbfw	498@171.00	8 bkred	453@153.00	4 bkbfw	674@135.00
3 bkChr	615@157.00	8 blk	702@145.50	3 blk	880@135.00
4 blk	690@157.00	5 blk	583@145.00	3 Brang	932@134.00
15 Brang	787@146.00	3 bkbfw	625@143.00	2 blk	1008@132.00
HEIFERS	13 blk	818@139.00			
2 bwf	375@162.00	5 blk	928@137.50		

Butcher Cows: \$40.00-\$68.50, mostly \$52-\$63.  
Butcher Bulls: \$75.00-\$88.00, mostly \$80-\$86.

BUTCHER COWS	2 blk	1400@60.00	
2 blk	1528@68.50	2 blk	1503@60.00
1 blk	1260@63.50		
1 blk	1405@63.50	1 blk	1975@86.00
2 blk	1378@63.00	1 blk	1870@88.00
1 Char	1280@61.00	1 blk	2055@83.50
2 blk	1353@60.50	1 blk	1655@75.00
1 blk	1305@60.50		

**SPECIAL STOCKER FEEDER CALF SALE**  
SEPTEMBER 13

- 150 blk bwf str & hfrs, 700-900 lbs, home raised, weaned, & dbl. vac.
- 180 blk red str & hfrs, 550-800 lbs, home raised, weaned, & dbl. vac.
- 75 blk red Char str & hfrs, 500-700 lbs, home raised, weaned, & dbl. vac.
- 50 Angus str & hfrs, 450-600 lbs, off the cow.
- 36 blk red str & hfrs, 400-550 lbs, off the cow.
- 112 blk red Char str, 875-925 lbs, sort into 2 loads.
- 110 blk red Char str, 725-825 lbs, sort into 2 loads.

All off the grass.

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 9-6-18. Light Run.  
300-400 lb. steers, \$125-\$200; heifers, \$120-\$173; 400-500 lb. steers, \$125-\$175; heifers, \$110-\$164; 500-600 lb. steers, \$120-\$165; heifers, \$110-\$156; 600-700 lb. steers, \$120-\$150; heifers, \$110-\$150; 700-800 lb. steers, \$110-\$144.00; 800-900 lb. steers, \$110-\$144. Trend on Calves: Choice Steer & Heifer Calves, steady. Trend on Feeder Cattle: Steady. Butcher Cows: High dressing cows: \$53-\$60; Avg. dressing cows: \$45-\$53; Low dressing cows: \$30-\$45. Trend on Cows & Bulls: Butcher Cows, \$2 lower; Butcher Bulls, not enough for a good market test.

**EARLY CONSIGNMENTS FOR THURSDAY, SEPTEMBER 13:**

- 12 black steers & heifers, 450-550 lbs.
- 60 mix steers & heifers, 45 days weaned w/shots, 350-400 lbs.
- 30 fall calves, weaned, 575-625 lbs.
- 40 fall calves, weaned, shots, 700 lbs.

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

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

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**Holton Livestock Exchange, Inc.**  
1/2 mile East of Holton, KS on 16 Highway  
Livestock Auction every Tuesday at 12 NOON  
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\*\*\*STARTING TIME: 12:00 NOON\*\*\*

MARKET REPORT FOR TUESDAY, SEPTEMBER 4, 2018  
RECEIPTS: 660 CATTLE  
**VIEW FULL RESULTS ON OUR WEBSITE.**

STEERS	6 blk bulls	483@163.00	
5 blk bulls	378@212.50	7 blk males	605@163.00
4 blk str	391@208.00	5 blk bulls	597@156.50
2 blk str	310@205.00	31 blk bwf str	824@152.85
3 blk str	355@201.00	3 blk str	710@150.50
3 blk bulls	288@200.00	18 mix str	784@147.50
7 blk red str	412@198.00		
6 blk bwf bulls	413@194.00	HEIFERS	
6 blk red str	451@194.00	2 bwf hfrs	365@181.00
5 blk str	479@188.00	5 blk red hfrs	252@180.00
3 blk str	476@184.00	2 blk hfrs	362@178.00
3 blk bbf str	510@178.00	3 blk hfrs	216@178.00
8 blk bwf str	506@178.00	4 blk hfrs	397@171.00
5 blk bwf str	547@177.00	3 blk bwf hfrs	423@167.00
7 blk char str	540@174.00	4 blk hfrs	507@156.00
8 blk str	629@173.50	8 blk hfrs	518@151.50
6 blk bwf bulls	488@173.00	14 blk hfrs	624@149.25
8 blk red bulls	554@171.00	5 blk hfrs	544@148.00
5 blk males	495@170.00	21 blk hfrs	715@146.75
2 blk str	630@165.00	8 herf hfrs	626@141.00
8 blk str	660@165.00		

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EMAIL: [dan@holtonlivestock.com](mailto:dan@holtonlivestock.com)

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# A clearer picture of antibiotic resistance

As access to information continues to evolve, so do consumer perceptions of animal agriculture. Today, industry leaders are seeing increased questions from consumers regarding antimicrobial resistance in livestock.

Dr. Justin Welsh of Merck Animal Health is part of the National Institute for Animal Agriculture (NIAA) One Health initiative to address resistance in both animal and human health. He says while the concern regarding antibiotics use is growing, the full picture helps keep the issue in perspective.

“Antimicrobial resistance is really an interesting topic to start; it’s been around forever, as long as we’ve been around. Bacteria have been developing resistance for eons, it’s not a new concept,” says Welsh.

In fact, surveillance programs have been in place for years. Agencies like the Centers for Disease Control and FDA’s Center for Veterinary Medicine work together to monitor bacteria and resistance trends in the environment and in food. Welsh says most of the research looks at foodborne pathogens like salmonella,

campylobacter and E. coli, measuring any changes in resistance to drugs that are medically important to humans.

“What the latest report in 2015 showed is that, outside of one or two specific drug/bacteria interactions, there has been little change in the incidence of resistance in those populations,” Welsh explains. “We’re not seeing an uptick in those as far as resistance goes. In the animal side, we are seeing increased resistance in the respiratory pathogens.”

While the increase remains minimal, Welsh says animal experts and pro-

ducers are taking steps to address the issue – like the Veterinary Feed Directive, in which producers are required to obtain a prescription from a veterinarian prior to administering any antibiotic.

“I think we are already seeing some positive momentum on a of couple fronts there. Instead of a broad coverage, we are looking more at the individual animal. And a lot of things we are doing as an industry, from a technology perspective, are going in that direction – to better identify animals that are sick on an individual basis rather than treating

the herd,” he says. “The pipeline for new antibiotics is getting smaller and smaller. So the realization in the human medical community, veterinary community, is that we need to conserve the power of these drugs.”

Welsh explains that animal agriculture’s proactive approach to lessening antimicrobial resistance is rooted in the producer’s desire to provide a safe, wholesome product – and to ensure animal well-being.

“We live with bacteria everywhere and we are going to have to continue to use antimicrobials to

treat those, to treat disease. Finding the balance between how we handle our antimicrobials and the welfare of the animals that we deal with is where we are at right now,” he says. “I think we forget that antibiotics at the basic level are really animal welfare drugs and people welfare drugs.”

The National Institute for Animal Agriculture invites all producers to discuss the use of antibiotics at this year’s Antibiotic Symposium in Kansas City. Mark your calendar for Nov. 13-15, and visit [animalagriculture.org](http://animalagriculture.org) to learn more.

# African Swine Fever case reported in China

The first case of African Swine Fever (ASF) has been reported in China. First identified on August 1st, the outbreak was located in the northeast, in

the city Shenyang, district of Shenbei New, in the province Liaoning, swine dense area 130 miles (208km) of the North Korean border. Infection on

a small farm with a herd of 383 pigs, where 47 pigs died from the disease, was confirmed by China Animal Health and Epidemiology Center on Friday August 3rd, 11 a.m., local time.

The feeding of untreated food waste. Major concern is about its spread in the Chinese pig herd, and possibly to Japan, the Korean Peninsula and other parts of Asia.

its rapid spread in wild boars and commercial herds. Thousands of miles from any known case of ASF, the introduction into China is a major concern. The way that this disease was introduced is unknown, but it is indicative that this disease can travel long distances, not only in infected pigs but also by contaminated food, feed, with international travelers, and other articles.

is already in other herds, the challenge to contain the disease in this region will be daunting. By the time of document, this single outbreak was officially reported, and no other outbreaks have been published.



The supreme champion breeding meat goat doe at the Riley County Fair was shown by Tyler Beckman, Wildcat 4-H Club, pictured with judge Bill Toews.

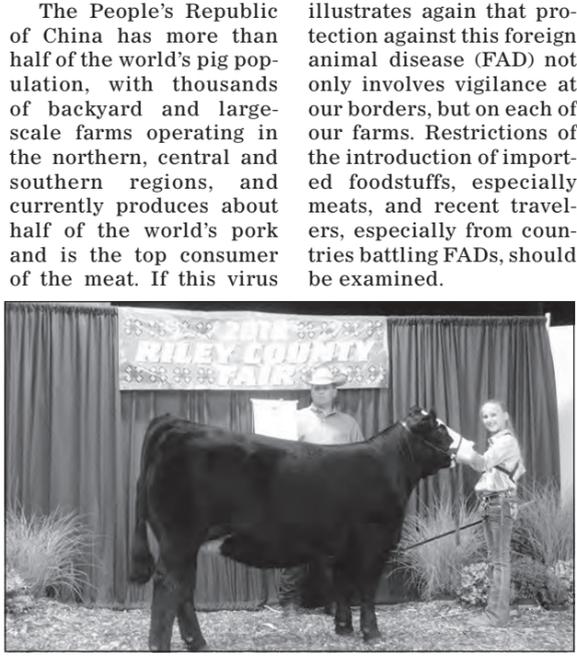
The Chinese Center For Disease Control And Prevention officially reports a Level 2 outbreak, and it has been contained with the slaughter of a herd of close to 1,000 pigs. The transport of pigs in and out of the area has been banned, along with



Kaden Camerlinck, Riley Rascals 4-H, showed the grand champion steer at the Riley County Fair. She is shown with judge Spencer Schrader.

The People’s Republic of China has more than half of the world’s pig population, with thousands of backyard and large-scale farms operating in the northern, central and southern regions, and currently produces about half of the world’s pork and is the top consumer of the meat. If this virus

Further surveillance, rapid response and restriction of sales and animal movement are the main tools as there is no vaccine available. This outbreak illustrates again that protection against this foreign animal disease (FAD) not only involves vigilance at our borders, but on each of our farms. Restrictions of the introduction of imported foodstuffs, especially meats, and recent travelers, especially from countries battling FADs, should be examined.



Lakyn Huncovsky, Wildcat 4-H Club, exhibited the reserve supreme heifer at the Riley County Fair. She is shown with judge Spencer Schrader.

## REAL ESTATE AUCTION

**TUESDAY, OCTOBER 9, 2018 • 6:30 PM**

**SALE LOCATION: Iron Clad (427 Lincoln) — WAMEGO, KS**

**Open House: Sunday, September 16 • 1-3 pm**

**House Address: 1401 Rock Springs Lane, Manhattan, KS**

**Description:** This home is a once in a life time opportunity. Nestled on a mixed use 80-acre parcel this home provides a magnificent view in a secluded setting while being only 10 MINUTES from downtown Manhattan.

On the inside you will find a spacious layout with 4 bedrooms (one is non conforming), 3 baths, open kitchen/dining/living concept, screened porch and much more! **All of this comes in the form of being move in ready.** Truly have to see it all in person to appreciate it!

**REAL ESTATE 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 Nov. 9, 2018. 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. All announcements day of sale take precedence over written materials. Crossroads Real Estate & Auction LLC is representing the Seller.

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## Rooks Co., KS Land Auction

**WEDNESDAY, OCTOBER 10 — 11:00 AM**

**Auction Location: Stockton City Hall**

160 +/- acres with 140 +/- acres of terraced cultivation with a large draw and large trees that runs through the property, great wildlife habitat for deer.

Located 2 miles east and 1 1/2 miles north from Woodston, KS.  
**316-524-8345**

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Please see [genefrancis.com](http://genefrancis.com) for the full sale bill.

# Sell At St. Marys

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

**We sold 1341 cattle September 4. There was good demand for steer and heifer calves at steady to \$5.00 higher prices. Feeder steers and heifer were steady. Cows and bulls sold steady to \$4.00 higher.**

<b>STEER &amp; BULL CALVES</b>	6 blk/bwf str	587 @ 180.00	
9 blk str	383 @ 218.00	2 blk str	560 @ 179.00
5 bwf str	367 @ 214.00	4 blk/bwf str	571 @ 177.00
1 blk bull	270 @ 211.00	10 x-bred str	556 @ 175.00
7 blk/bwf str	391 @ 206.00	4 blk str	568 @ 172.00
3 blk str	372 @ 204.00	6 blk/bwf str	632 @ 165.00
3 blk str	412 @ 203.00	34 blk/bwf str	620 @ 164.50
1 blk str	410 @ 200.00	3 blk/bwf str	612 @ 164.00
9 blk/sim str	453 @ 198.00	22 blk/bwf str	703 @ 163.50
13 blk str	455 @ 196.00	45 blk/char str	755 @ 161.25
3 blk/bwf str	397 @ 195.00	58 mix str	781 @ 158.75
2 blk str	433 @ 195.00	32 blk/bwf str	792 @ 157.75
4 blk/bwf bulls	463 @ 193.00	62 blk str	849 @ 156.85
4 bwf str	508 @ 192.00	68 blk/bwf str	820 @ 156.75
2 blk str/bulls	363 @ 191.00	65 blk/bwf str	813 @ 156.25
1 blk str	450 @ 190.00	20 blk/bwf str	749 @ 156.00
27 blk/bwf str	519 @ 189.00	60 blk/bwf str	861 @ 154.25
11 blk/bwf str	469 @ 186.00	29 blk/bwf str	858 @ 154.00
3 blk/bwf str	532 @ 186.00	62 blk/bwf str	903 @ 151.85
5 blk/bwf str	548 @ 179.00	61 blk/bwf str	894 @ 149.25
4 blk str	544 @ 177.00	25 x-bred str	789 @ 148.50
2 blk/bull	508 @ 177.00	59 mix str	924 @ 139.60
12 blk/bwf bulls	537 @ 174.00	61 mix str	942 @ 138.10
<b>STOCKER &amp; FEEDER STEERS</b>			
11 blk/bwf str	560 @ 187.00	<b>HEIFER CALVES</b>	
11 blk/bwf str	556 @ 186.50	1 blk hfr	265 @ 192.00
48 mix str	570 @ 185.00	2 blk hfr	320 @ 195.00
5 bwf str	585 @ 180.00	4 blk/bwf hfr	353 @ 182.00

**1 x-bred hfr** 330 @ 179.00  
**4 bwf hfrs** 393 @ 175.50  
**1 bwf hfr** 375 @ 172.00  
**13 blk hfrs** 424 @ 171.50  
**2 blk hfrs** 395 @ 171.00  
**1 blk hfr** 370 @ 170.00  
**6 bwf hfrs** 469 @ 165.00  
**21 blk/bwf hfrs** 510 @ 164.00  
**2 red hfrs** 438 @ 163.00  
**11 blk hfr** 485 @ 162.00  
**8 blk/bwf hfrs** 489 @ 160.00  
**2 blk/bwf hfrs** 510 @ 159.00  
**5 blk/bwf hfrs** 526 @ 158.50  
**4 blk hfrs** 505 @ 158.00  
**3 blk hfrs** 467 @ 157.00  
**8 blk/bwf hfrs** 515 @ 155.00  
**3 x-bred hfrs** 515 @ 150.00

**STOCKER & FEEDER HEIFERS**

5 blk hfrs	559 @ 156.50
5 bwf hfrs	561 @ 155.00
6 blk/sim hfrs	655 @ 150.00
70 blk/char hfrs	758 @ 142.50
22 blk hfrs	891 @ 139.75
20 blk/bwf hfrs	931 @ 139.75
4 brang hfrs	916 @ 133.00
16 x-bred hfrs	893 @ 130.00

**COWS & HEIFERETTES**

1 blk hfrt	995 @ 91.00
1 blk cow	1525 @ 72.50
1 bwf cow	1605 @ 71.00
1 blk cow	1570 @ 70.50
1 bwf cow	1345 @ 66.50
1 blk cow	1150 @ 63.00
1 bwf cow	1000 @ 62.00
1 blk cow	1200 @ 61.00
1 blk cow	1360 @ 60.00
1 bwf cow	1195 @ 56.50
1 bwf cow	945 @ 55.50
1 bwf cow	1290 @ 55.00
1 red cow	1150 @ 52.50
1 blk cow	1140 @ 48.00

**BRED COWS & HEIFERS**

4 x-bred cows	@ 1085.00
1 blk hfr	@ 1075.00
1 blk cow	@ 950.00
1 wf hr	@ 900.00
1 blk cow	@ 880.00

**BULLS**

1 blk bull	2130 @ 82.50
1 char bull	1685 @ 81.50
1 blk bull	2205 @ 79.50
1 wf bull	2210 @ 77.50
1 blk bull	2025 @ 76.50
1 blk bull	1825 @ 76.00
1 wf bull	2395 @ 74.00

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**AUCTIONEERS: DENNIS REZAC & REX ARB**

**Rezac St. Marys, Ks.**

Livestock Commission Company, Inc.