Central Kansas Market Grower & Vendor Workshop slated for Feb. 4

Locally grown vegetables are fresh, delicious, and can boost the local economy. The eighth annual Central Kansas Market Grower & Vendor Workshop, sponsored by Sedgwick, Butler, Harvey, and Reno County Extension

and the Kansas Department of Agriculture, will give both beginning and experienced vegetable growers new skills to improve their production methods and marketing skills for selling their local vegetables, while meeting an increasing demand for

locally grown produce. The workshop is combined with a regional farmers' market vendor workshop done by Kansas Department of Agriculture.

The workshop will be held Saturday, February 4, 2017 from 8:45 a.m. to 4:00

p.m. in 4-H Hall at the Sedgwick County Extension Education Center at 21st and Ridge in Wichita. Cost of registration is \$20 by January 27th and \$25 after that. The registration deadline is Thursday, February 2nd.

Grass & Grain, December 20, 2016 Register online at http:// sedgwick.ksu.edu or by call-

ing 316-660-0100. The workshop topics include beginning high tunnels, morel mushroom identification certification, Senior Farmers' Market Nutrition Program training, Pollinators & Organic Insect Management, growing mushrooms and uncommon fruits, and more. The Keynote speaker will be Tom Buller of Buller Family Farms and the Kansas Rural Center speaking on Building Healthy Systems for Profitability.

For more information, please call Rebecca McMahon at 316-660-0142.

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Oskaloosa Spring Hill	8 blk 12 blk	561@143.50 599@141.75	Westmoreland			1322@59.00 1402@59.00	Tecumseh Minneapolis	4 Angus 9 blk	5 5		@1575.00 @1575.00	Council Grov herington	27 blk	2	6-7 @1650.00
Harveyville	12 blk	685@139.00	Westmoreland Leavenworth	a ∠bik 1 blk		1402@59.00	Clifton	6 Herfor			@1550.00	Bremen	5 blk	-	6-7 @1600.00
Oskaloosa	5 blk	671@139.00	Westmoreland			1323@58.50	Marysville	8 blk	4-5		@1550.00	Junction City Leavenworth		2 2	6 @1560.00 7 @1550.00
Americus Onaga	66 blk 72 blk	768@138.10 798@138.10	Manhattan	1 blk		1230@58.00	Marysville Salina	3 blk 10 Herf.	5		@1525.00 @1510.00	Junction City		2	6 @1525.00
Blue Rapids	7 Cross	714@137.50	Marysville Green	1 blk 1 blk		1265@58.00 1545@57.50	Clifton	3 herford			@1475.00	Junction City			6-7 @1510.00
Lawrence	21 blk	651@137.00	Westmoreland			1170@57.50	Burns	3 Cross	2		@1425.00	Leavenworth Leavenworth			5-6 @1425.00 5-6 @1375.00
Americus Americus	4 blk 11 Cross	763@136.00 705@133.00	Green	1 blk		1300@57.00	Minneapolis	14 blk 7 blk	7 7-8		@1400.00 @1225.00		DING BUL		
Manhattan	5 blk	640@132.50	Westmoreland Marysville	d 1 blk 1 blk		1170@56.75 1200@56.50	Marysville Marysville	6 blk	7-0 7-8		@1225.00			AGE	
Spring Hill	4 blk	713@132.50	Westmoreland			1460@56.00	Alta Vista	5 blk	7-8	6-8	@1100.00	Leonardville Marysville	2 blk 2 blk		1540@3,300.00 1497@2,800.00
Frankfort	5 blk	713@132.50	Green	1 blk		1295@55.00	Marysville	3 Cross	7		@1075.00	Hutchinson			3170@2,700.00
Frankfort Blue Rapids	9 blk 7 Cross	667@129.00 862@128.50	Westmoreland			1472@55.00	Minneapolis Marysville	8 blk 10 blk	SS SS	6-7 5-6	@1050.00 @980.00	Hutchinson	1 blk		3170@2,600.00
Wilsey	10 blk	660@127.00	Green Westmoreland	3 blk d 1 blk		1285@54.00 1460@54.00	Marysville	7 blk	SS	5-6	@975.00	Hutchinson Clay Center			2020@2,600.00 1695@2,000.00
Allen	9 Cross	742@127.00	Marysville	1 blk		1370@54.00	Marysville	10 blk	SS	5-6	@950.00	Hutchinson			1245@1,300.00
Blue Rapids Blue Rapids	6 blk 6 blk	706@125.00 817@123.50	Americus	1 Cross		1415@51.50	Marysville Marysville	8 blk 8 blk	SS SS	5-6 5-6	@910.00 @910.00				
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Beattie Wilsey	5 blk 7 blk	569@124.50 560@124.50	For our spe Dec. 14th, w									inning with th			
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Hope Allen	7 blk 8 bwf	618@123.00 743@122.50		COW CAL	F PAIRS										with Nemaha
Frankfort	8 blk	605@122.00	Clay Center	7 blk	2	@2250.00									with Nemaha
Quenemo	14 blk	1005@120.75	Manhattan	9 blk	3	@2250.00		Angus bu or Feb./Ma			. ioui, 11	older Angus	cows Dre		ialia valley-
Frankfort	9 blk	721@119.50	Alma Leonardville	8 Angus 10 lk	2 2	@2200.00 @2150.00				1003.					
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		875-1,800 LBS.	Leonardville	10 blk	2	@2100.00					-	FOR DE	-	ER 2 3	3
Leavenworth	11 blk	1041@120.50	El Dorado Holton	9 bwf 16 blk	2 2	@2050.00 @2000.00						Oct. 1, 550-70			
Burns Manhattan	1 blk 1 blk	985@114.50 1035@112.00	Alta Vista	7 blk	6	@1875.00	30 Simm	Angus x	strs &	hfrs, 2	rds shots	, Bunk Broke	, 500-600	Ibs	
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Manhattan	1 blk	1175@64.00	Stromsburg		2	@1650.00						ays, 2 rds sh			
Burns	1 blk	1680@63.00	Alma	3 blk	2	@1625.00				, -		• • • • • •	,	-	
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Grass & Grain, December 20, 2016 Kansas Hay Market Report

Page 18

The first blast of winter arrived last week with light snow and sub-freezing wind chills. The winter-like weather encouraged more feeding, as the hay-trade movement remained moderate on increased demand for grinding alfalfa and alfalfa pellets, prices remained steady. Demand for grass hay remained light. Drought conditions remained nearly steady with the abnormally dry (D0) category decreasing a couple points to 52.43 pct, moderate drought (D1) decreasing to 29.56 pct, and the severe drought (D2) category increasing to 10.94. If you have hay for sale, pasture to rent or need hay and/or grazing, use the services of the Hay and Pasture Exchange: www.kfb. org/commodities/haypasture/index.html

Southwest Kansas

Dairy alfalfa, grinding alfalfa and ground/delivered steady, movement moderate. Alfalfa: Horse, small squares 240.00-250.00. Dairy, .70-.80/point RFV, Supreme 140.00-150.00, Premium 130.00-140.00, Good 110.00-130.00. Stock or Dry Cow alfalfa, 75.00-95.00. Fair/Good grinding alfalfa, 60.00-70.00. Ground and delivered locally to feedlots and dairies, 100.00-105.00, instance at 115.00. The week of 12/4-12/10, 11,269T ofgrinding alfalfa and 675T of dairy alfalfa were delivered. Bluestem, large rounds 60.00-65.00. Sudan, large rounds 40.00-45.00 delivered locally. Oat hay, large squares 45.00-55.00. Corn stalks, large rounds 45.00-55.00 delivered locally, ground and delivered 80.00-85.00. Straw, none reported. The average paid by feedlots on *November 1 for alfalfa ground and delivered was 106.30, up 1.12 from last month, usage was 857T/day, down 6.5 pct,

and total usage was 25.719T.

South Central Kansas

Dairy alfalfa, grinding alfalfa, alfalfa ground and delivered steady, movement moderate. Alfalfa: Horse, small squares 230.00-240.00, Dairy, .70-.80/point RFV, Supreme 140.00-150.00, Premium 130.00-140.00, Good 110.00-130.00. Stock cow alfalfa, 95.00-105.00. Fair/Good grinding alfalfa, 65.00-75.00. Ground and delivered locally to feedlots 100.00-105.00, instance of 115.00. The week of 12/4-12/10, 4,631T of grinding alfalfa and 1,200T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 pct protein 130.00-135.00, 17 pct protein 145.00-150.00, Dehydrated 17 pct 205.00-210.00. Grass hay: bluestem, mid and large squares 65.00-75.00, large rounds 65.00-70.00. Brome, mid and large squares, none reported, large rounds, 75.00-80.00. Sudan, large rounds 60.00-65.00. Corn stalks, ground and delivered 80.00-85.00. Oat hay, large rounds 60.00-65.00. Straw, none reported. The average paid by feedlots on *November 1 for alfalfa ground and delivered was 101.03, down 1.44 from last month, usage was 301T/day, up 5 pct, and total usage was 9,659T.

Southeast Kansas

Dairy alfalfa, grinding alfalfa, ground and delivered, brome, prairie hay steady, movement moderate. Alfalfa: Horse or Goat, 210.00-230.00. Dairy and Stock Cow .70 to .80/point RFV. Good grinding alfalfa 60.00-65.00. Ground and delivered, 80.00-90.00. Grass hay: bluestem, small squares 100.00-110.00. Good, mid and large squares 70.00-80.00, large rounds 50.00-60.00. Brome: small squares 130.00-135.00. Good, mid and large squares, 90.00-110.00, large rounds, 65.00-75.00. Straw, mid squares 50.00-60.00.

Northwest Kansas

Dairy alfalfa, grinding alfalfa steady, movement slow. Alfalfa: Horse/Goat, none reported. Dairy, Premium/Supreme .80-.95/point RFV. Stock cow, fair/good 100.00-110.00. Fair/

good, grinding alfalfa 65.00-75.00. Ground and delivered locally to feedlots and dairies 100.00-105.00.

North Central-Northeast Kansas

Dairy alfalfa, grinding alfalfa, prairie hay, brome steady, movement moderate. Alfalfa: Horse, small squares 230.00-300.00. Dairy .80-.95/point RFV, Supreme 150.00-175.00. Premium 140.00-170.00, Good 130.00-150.00, small squares 10.00/ bale. Stock Cow, good 100.00-125.00. Fair/Good, grinding alfalfa 65.00-75.00. Ground and delivered 95.00-120.00. Grass hay: bluestem, small squares 6.00/bale delivered locally, large squares 75.00-90.00, large rounds 45.00-55.00. Brome: Good, small squares 8.00-10.00/bale, mid and large squares 110.00-120.00, good large rounds 65.00-75.00. Sorghum/Sudan, large rounds 60.00-70.00. Straw, good, small squares 4.00/bale or 5.00/bale delivered, large square bales 60.00-70.00, 75.00-85.00 delivered locally and large rounds 60.00-65.00 delivered locally. CWF grass mulch 65.00 per large round bale.

***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, Kim Nettleton 785 564-6709

Posted to the Internet: www.ams.usda.gov/mnreports/DC_ GR310.txt

Wheat grower organizations welcome new trade enforcement actions challenging China policies

U.S. Wheat Associates ket and harm wheat grow-(USW) and the National Association of Wheat Growers (NAWG) welcome two trade dispute actions by the U.S. Trade Representative (USTR) challenging Chinese government policies that distort the wheat mar-

ers throughout the rest of the world. USW and NAWG are encouraged to see the U.S. government take such a strong position on trade enforcement, which is crucial for building confidence in existing and new trade





The USTR filed a request on Dec. 15, 2016, for consultations with the World Trade Organization (WTO), alleging that China is not fairly administering its annual tariff rate quotas (TRQ) for corn, rice and 9.64 million metric tons (MMT) of imported wheat. This request states that China's TRQ administration unfairly impedes wheat export opportunities. The USTR announced the TRQ action simultaneously with a request that the WTO form a dispute panel in the case it filed in September against China's excessive market price support for domestic wheat, corn and rice production. "As with its price sup-

agreements.

port case, the USTR is shining a light on other policies that pre-empt market driven wheat trade, stifle our export opportunities and force private sector buyers and Chinese consumers to pay far more for milling wheat and wheat-based foods," said USW president Alan Tracy.

"The facts in these two cases go hand-in-hand, demonstrating how Chinese government policies create an unfair advantage for domestic wheat production," said Gordon Stoner, president of NAWG and a wheat farmer from Outlook. Montana. "Both actions call attention to the fact that when all countries follow the rules, a pro-trade agenda and trade agreements work for U.S. wheat farmers and their customers."

China's wheat TRQ was established in its WTO membership agreement in 2001. Under that agreement, China is allowed to initially allocate 90 percent of the TRQ to be imported through government buyers, or state trading enterprises (STEs), with only 10 percent reserved for private sector importers. The private sector portion of the TRQ is functioning well enough to be filled in recent years, in part because Chinese millers are trying to meet growing demand for products that require flour from different wheat classes with better milling and baking characteristics than domestically produced wheat provides. However, China's notifications to the WTO on TRQ usage show an average fill rate of only 23 percent.

The WTO does not require that TRQs fill every year, but it has established rules regarding transparency and administration that are intended to facilitate the use of TRQs.

"When you consider that China's domestic wheat

cent higher than the landed cost of U.S. wheat imported from the Pacific Northwest. it would be logical to assume the TRQ would be fully used if the system were operating fairly, transparently and predictably as the rules intend. It is clearly not operating that way," said Tracy. "This troublesome administration of China's wheat TRO is restraining export opportunities for U.S. wheat farmers and farmers from Canada. Australia and other wheat exporting countries to the detriment of Chinese consumers."

prices are more than 40 per-

The facts also argue against potential claims that enforcing the TRO agreement would threaten China's food security. China produces more wheat each year than any other single country and currently holds an estimated 45 percent of the world's abundant wheat supplies. If China met its 9.64 MMT wheat TRQ, it would move up from number 14 to number 2 on the list of the world's largest wheat importers, and its farmers would still produce 90 percent of domestically consumed wheat. Opening the wheat TRQ would also allow private sector millers and food producers to import the types of wheat they say they need, but cannot now obtain, and the benefits would be passed on to China's consumers.

USW and NAWG also applaud the USTR's request for a dispute panel in its WTO challenge to China's trade-distorting market price support programs for wheat, corn and rice. It is a crucial step toward reining in a policy that costs U.S. wheat farmers between \$650 and \$700 million annually in lost income by pre-empting export opportunities and suppressing global prices. according to a 2016 Iowa State University study sponsored by USW.

USW's mission is to "develop, maintain, and expand international markets to enhance the profitability of U.S. wheat producers and their customers." USW activities in more than 100 countries are made possible through producer checkoff dollars managed by 19 state wheat commissions and cost-share funding provided by USDA/Foreign Agricultural Service. For more information, visit our website at www.uswheat.org.

NAWG is a federation of 22 state wheat grower associations that works to represent the needs and interests of wheat producers before Congress and federal agencies. Based in Washington, D.C., NAWG is grower-governed and grower-funded, and works in areas as diverse as federal farm policy, trade, environmental regulation, agricultural research and sustainability.



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Contact Sales:

2016 small grain county-level estimates released Stats/.

estimates are not published

if any of the following condi-

tions exist:

are less than 500.

County-level small grain

Estimated planted acres

Insufficient number of

Estimate would not guar-

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ceived to establish statisti-

cally defensible estimates.

antee confidentiality of re-

County-level estimates for 2016 small grain acreage, yield and production are now available, according to the USDA's National Agricultural Statistics Service. The estimates, based primarily on surveys conducted with farmers and ranchers last fall, can be accessed using the QuickStats online database, found here: http:// www.nass.usda.gov/Quick_



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ported data from an individual producer.

The commodity estimates released include winter wheat and oats. County-level estimates for lateseason crops and hay will be published in February and April 2017, respectively. A complete schedule of release dates can be found on the following website: http:// www.nass.usda.gov/Data_ and Statistics/County Data Files/Release_Schedule/



Grass & Grain, December 20, 2016

Page 19 U.S. farmers: GMO crops help reduce inputs and enhance conservation

The majority of U.S. farmers and ranchers indicate biotechnology and GMO crops as an important solution in helping raise crops more efficiently, according to new survey results released yesterday from the U.S. Farmers and Ranchers Alliance (USFRA) and National Corn Growers Association (NCGA). With technology shaping today's farms, GMOs (genetically modified organisms) are one tool in a farmer's toolbox to enhance production and grow and raise our food supply more sustainably.

Over 280 farmers across the United States were surveyed about their attitudes toward GMO crops. They were asked to weigh in on a range of topics regarding the impact of GMO technology on the environment, pesticide use, and yields, among others.

Findings conclude that farmers believe biotechnology helps raise crops more efficiently, and that the environment and sustainability

practices will suffer if GMO technology utilization is reduced in crop production in the future. Seventy-eight (78%) percent of farmers foresee increased environmental impacts – including an increase in water usage and application of pesticides - if GMO seeds were not to be available to them as a choice in crop production.

When asked about farmers' ability to lessen their environmental footprint, 98 percent of those polled ranked GMO seeds at the top of their list. Additional survey findings include:

Pesticide Use/Crop Inputs: When asked about the reason for using biotechnology when raising crops, most farmers indicated GMO seeds allow them to minimize pesticide/herbicide usage (87%).

Sustainability: Three quarters (78%) of farmers also expressed being able to engage in advanced farming practices, such as conservation tillage.

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Another two-thirds (64%) of farmers also believe GMO seeds allow for efficient management of resources, specifically, fuel, time and less wear and tear on their equipment.

Yields: Many farmers believe GMO seeds produce a higher yield (69%). This finding may also have an impact on why many farmers believe GMO seeds work best for their particular farm and region in enhancing productivity (65%).

"With GMOs and advances in agricultural technology, we're utilizing our resources much more precisely today and have pinpoint accuracy when applying fertilizer, nitrogen and chemical applications. This is especially important on my farm in the Chesapeake Bay watershed," said Chip Bowling, vice chairman of USFRA and third-generation farmer. "The farmers' perspective in the survey findings are a direct indication of how important genetic engineering technology is for the environment and our food supply, and how it benefits farmers and consumers alike."

This most recent farmer survey follows USFRA's September 2016 annual Perception Benchmark Study, which measured consumer opinions about agriculture, including attitudes toward environmental sustainability, GMOs and technology. Approximately half of the Consumer Food Connectors, or men and women surveyed between the ages of 21-65 (with no personal connections to farming), attributed increased yields and increased efficiency to the use of advanced technology on farms and ranches. While technology on the farm was perceived positively, only 11 percent of this group found GMOs favorable.

"As an organization that supports all farmers and their choice to plant and grow conventional crops, genetically modified crops, organic crops, or any combination, we believe in sustainability and technology to continually improve our farms for future generations," said Randy Krotz, USFRA CEO. "Our research shows the continued need for agriculture to inform today's consumer about the merits and benefits of GMOs and other technologies,

while dispelling any misconceptions about negative impacts to human health and the environment."

The survey was conducted online from October 11-26, 2016, among a sample of 282 farmers, 18 years of age and older, living in the U.S. The margin of error for this study is +/-5.84 % at a 95% confidence level. Of the 282 farmers polled, 92% have been using GMO seeds for ten or more years, and grow a variety of crops, including corn, soybeans, alfalfa, wheat and cotton.

To view an executive summary of the survey, visit http://www.fooddialogues.com/press-release/ gmo/u.s.-farmers-ranchers-alliance-national-corn-growers-association-gmo-farmer-survey.



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WELCOME TO G&G — A RURAL NEWSWEEKLY

Grass & Grain, a farmers' newsweekly, has been published in Manhattan, Kansas for nearly 60 years. The G&G community looks to the Tuesday publication for timely, accurate information.

Grass & Grain, December 20, 2016 Page 20 Auctioneers give back— this time to their alma mater

Dave Webb and Kevin Borger have a lot in common. They are both auctioneers, they both attended MNU and together they recently gave the university a significant gift that will support student scholarships. Webb's firm, Webb & Associates, handles the sale of all types of real estate and personal property throughout the Midwest. Borger, who works with Webb, is a champion auctioneer and bid caller, and holds the 2009 World Championship. He is also a past Kansas and Idaho state champion and is currently vice president of the Kansas Auctioneers' Association (KAA). Webb is also a past vice president and president of the KAA.

Recently the two teamed up to help the university with a significant real estate sale. Through Webb & Associates they marketed and sold at auction the nearly 1,400 acres of prime farmland donated to MNU from the Edgar and Maron Moore estate. The firm handled research, advertising, marketing services, hall rental, and more. The event generated excitement throughout central Missouri, drawing 125 attendees, 30 pre-qualified bidders and an online audience of 200. The September 13, 2016, sale culminated with proceeds of \$4.1 million, all of which will benefit MNU because Webb and Borger chose to donate their sales commission to the cause.

"It's a very significant and meaningful gift," says David Spittal, MNU presi-



From left are Kevin Borger, Dave Webb and Dr. David Spittal at the MNU Board of Trustees dinner where they were honored for their generous gift to MNU.

dent. "I'd say our unique relationship with these nationally recognized auctioneers led to MNU realizing the best possible outcome from the land sale."

Webb says it was a natural thing for him to do because he learned about giving at an early age.

"My mother and my uncle often said, 'we make a living by what we earn and we make a life by what we give," Webb says.

Interestingly Webb had a special tie to the land he was selling for MNU. Edgar and Maron Moore, were friends of Webb. Webb and Edgar served at the same time in the Kansas State House of Representatives. They remained friends and in the later years of Edgar's life, Webb would drive Edgar to the capitol. Webb also knows the Thompson family who farmed the land Moore donated to MNU. So at the auction, Webb relayed stories about the families,

making their tie to and love for the land more personal. This technique is common in Webb's auctions.

"I like for the buyers to understand more about the lives that are involved in the sale," he says. "It's not just about the number of productive acres of land, it's not just about the money. I want them to know who owned it, why it's being sold and what it will do for the people receiving the money (in this case the university)."

There is more to a sale than the auction itself, Webb adds. Hours of research at the court house and the U.S. Department of Agriculture office starts the process. Once all the details about the property are gathered, a minimum of four to six weeks of advertising and marketing is required. Webb advertises nationally, regionally and locally. An integral part of the marketing includes walking the whole property



Shown is a pond on the land in Henry, County, Missouri, sold by Webb & Associates for MNU.

to photograph it. Webb uses handheld and drone-mounted cameras to capture the best images. This kind of process proved helpful to MNU because originally administrators thought they would offer the property for sale in the spring. Webb suggested that this kind of property and crop in central Missouri would look its best in September. So the sale was set for that month. This also allowed the Thompson family to continue farming the land for this crop season. Webb says marketing the property for two months prior to MNU's sale generated great interest in the property.

"I'm confident we received the best price possible for this property," Jon North, vice president for university advancement says. "I'm extremely grateful to Dave, Kevin and the whole team of professionals."

raising at MNU having been part of the university's cattle auction that was popular in the 1970s through '90s. But when that event began to decrease in popularity, Webb encouraged university leaders to consider a new kind of event.

"Dave Webb was key component in encouraging us to start President's Honors," says North.

The annual gala which supports student scholarships has raised more than \$2.5 million since its inception in 2012.

Humbly, Webb insists he simply planted a seed about creating an event that appeals to a broader audience.

"I knew there were better ways to generate more interest and donations," Webb says. "Kevin (Borger), Jon and their team have done a great job with it."

Borger is also a long-time auction supporter of MNU. In fact, he learned his trade, in part, at the Autumn Aucpastor, Borger had a dream to attend auctioneering college. At 16 he was asked by the late Harold Olson, then director of admissions and alumni, to assist with the Autumn Auction, and he's been calling auctions for MNU ever since. Borger's vocation as a pastor eventually brought him back to MNU to be assistant to the president for church relations. It was in this position that he learned of the land gift that needed to be sold and suggested to Webb that they handle the sale and donate their commission.

According to Borger it is unusual for an auctioneer to donate his or her commission to the organization selling the land, but he says Webb didn't miss a beat, and agreed at once.

"They worked for months to prepare for the sale," Spittal says. "Dave Webb and Kevin Borger love MNU and their generosity and hard work made the difference. The gift of their commissions gives further evidence of their commitment to the university and its mission. We are so grateful for the contribution of their professional skills and their remarkable generosity."

Webb and his wife, Wendy live in Stilwell and attend Church of the Resurrection. Borger and his wife, Beth live in Overland Park, and attend College Church of the Nazarene. Borger boasts 15 family members (including his son) who have attended MNU.

For more information on giving to MNU, visit www.

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

Webb has a long history with auctions and fund- tion. The son of an Iowa mnu.edu/giving. White House issues **'midnight' GIPSA rule**

for its role in helping elect Donald Trump as president, the Obama administration has issued a regulation that could restrict the buying and selling of livestock, lead to consolidation of the livestock industry - putting farmers out of business - and increase consumer prices for meat. The National Pork Producers Council will work with the Trump administration and the new Congress to repeal the "unnecessary, destructive and illegitimate midnight rule."

Written by the U.S. Department of Agriculture's Grain Inspection, Packers and Stockyards Administration (GIPSA), the "interim final" rule broadens the scope of the Packers and Stockyards Act (PSA) of 1921 related to the use of "unfair, unjustly discriminatory or deceptive practices" and "undue or unreasonable preferences would deem such actions per se violations of federal law even if they didn't harm competition or cause competitive injury, prerequisites for winning PSA cases (Such actions currently are state court matters). "I can't imagine a more devastating regulation on an industry," said NPPC CEO Neil Dierks. "The rule, which creates legal uncertainty, will destroy opportunities for many in the U.S. pork industry, with no positive effect on competition, the regulation's supposed goal." USDA in 2010 proposed a number of PSA provisions - collectively known as the GIPSA Rule - which Congress mandated in the 2008 Farm Bill. But the agency was blocked by lawmakers through amendments to annual agricultural spending legislation from implementing a regulation that would eliminate the need to prove a competitive injury to win a PSA lawsuit. In fact, Congress considered and rejected such a "no competitive injury" provision during debate on the 2008 Farm Bill. Additionally, eight

In an apparent attack on rural America federal appeals courts have held that harm to competition must be proved for an action to be a violation of the PSA.

> When a rider wasn't included in the fiscal 2016 agricultural funding bill, Agriculture Secretary Tom Vilsack vowed his agency would move forward with the blocked regulation.

> "The rule will be a boon to trial lawyers and a weapon activist groups will use to attack segments of the livestock industry," Dierks said. "The inevitable costs of the regulation could lead to further vertical integration of the pork industry, driving packers to produce more of their own hogs. That will reduce innovation, quality and competition, with no benefit to consumers. Coupled with the current strong headwinds buffeting pork producers, the net effect of this destructive, unnecessary and illegitimate midnight rule would be a crushing blow to hog farmers of all sizes and to America's rural economies."

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A recent update of a study conducted by Informa Economics of the proposed 2010 GIPSA Rule found that today it would cost the pork industry more than \$420 million annually, with the majority of the costs related to PSA lawsuits brought under a "no competitive injury" provision.

"The bottom line," said Dierks, "is that the White House picked trial lawyers and activists over farmers in forcing this regulation on rural America. We need to kill this illegitimate midnight rule."

The PSA regulation - and two related proposed rules - will be subject to a 60-day public comment period, which extends the rulemaking process into the Trump administration. NPPC, as it did following issuance of the proposed 2010 GIPSA Rule, will urge America's 68,000 pork producers to submit comments in opposition to the new regulation. Thousands of producers weighed in against the 2010 rule.

Grass & Grain, December 20, 2016 Page 21 Kansas youth receive more than \$27,000 in scholarships

Twenty-six scholarship winners for the 2016-17 school year were recognized during the annual Kansas Livestock Association (KLA) Convention November 30 in Wichita. A total of \$27,100 was presented by the Kansas Livestock Foundation (KLF) and its partners.

Three Kansas State University veterinary school students were chosen to each receive a \$1,500 Ralgro Wheels for Bucks (WFB) scholarship from Merck Animal Health and KLF. Jessica Eisenbarth is the daughter of Connie and David Eisenbarth of Hoyt. She is a third-year veterinary student. Megan Mc-Laughlin, also a third-year veterinary student, is the daughter of Julie and Daniel McLaughlin from Olathe. Ellen Unruh is the daughter of Edward and Darla Ouellette of Rantoul and is a fourth-year veterinary student. This award recognizes K-State veterinary school students with a career goal of being a large animal veterinarian.

Six Kansas students each have been awarded through KLF's \$1,000 Wheels for Bucks Scholarships. Morgan Gantz is the daughter of Mark and Angela Gantz of Perry. She is a sophomore at Cloud County Community College majoring in agricultural economics and business. Samuel Morgan, the son of Steve and Nancy Morgan from White City, is a junior at Emporia State University majoring in business and finance. Leah Scholz is the daughter of Trent and Lori Scholz of Lancaster. She is a junior majoring in pre-veterinary medicine at K-State. MaRyka Smith is the daughter of Lisa and Kevin Smith from Hoyt. She is a senior at K-State majoring in pre-veterinary medicine. Karley Stockton, daughter of Kris and Sharon Stockton from Meade, is a junior majoring in animal science at K-State. Katelyn Thomson is the daughter of Dan and Cindy Thomson of Riley. She is a junior at K-State majoring in pre-veterinary medicine. This scholarship is presented to students en-



Students earning KLF scholarships included, standing from left: Leah Scholz, Lancaster; Taylor Nikkel, Maple Hill; Brittney Houck, Americus; Kenzie Curran, Farlington; Reid Beeman, Olpe; Jacqueline Clawson, Meade; Sam Morgan, White City; Cade Hibdon, Princeton; Karley Stockton, Meade; Madelyn Mushrush, Strong City; Bailey Corwine, Lyndon; (kneeling, L to R) Ethan Bellar, Howard; Hayden Walker, Sharon Springs; Hadley Schotte, Marysville; and Campbell Martin, Bucklin.

tering or returning to a Kansas community or senior college and pursuing a degree in agriculture or a related field. WFB scholarships are funded by Merck's donation of \$1.00 for each used Ralgro wheel turned in to KLA.

Hadlev Schotte of Marvsville has been awarded the \$1,000 Cattlemen's Scholarship from GoBob Pipe & Steel and KLF. Schotte is the son of Pat and Kelly Schotte. He is a freshman at Hutchinson Community College majoring in animal science. This scholarship is awarded to a student entering or returning to a Kansas community or senior college and pursuing a degree in agriculture or a related field.

Cade Hibdon has been awarded the \$1.000 Cancrete Cattle Waterers Scholarship through KLF. Hibdon is the son of Darren and Julie Hibdon from Princeton. He is a freshman attending Butler Community College and majoring in agribusiness. This scholarship is presented to a student entering or returning to a Kansas community or senior college and pursuing a degree in agriculture or a related field.

The \$1,000 Glenn & Clyde Lindstrom Scholarship has been awarded through KLF to Braden Mishler, the son of Brian and Janet Mishler from Arnold. He is a sophomore at K-State majoring in agricultural engineering. This scholarship is awarded to a student of sophomore level or above attending a Kansas junior or senior college and pursuing a degree in agriculture. Preference is given to students residing within the boundaries of Unified School District 400 in northern McPherson and southern Saline counties.

Four \$1,000 Hampel Oil Scholarships have been presented to K-State students. Austin Baalman, son of Duane and Michaela Baalman from Oakley, is a junior majoring in agricultural economics. Jerica Hall is the daughter of Jerry and Stephanie Hall from Independence. She is a junior majoring in animal science. Tyler Marr, the son of Tom and Sherry Marr of Formoso, is a junior majoring in agronomy. Hayden Walker is the son of Bryce and Tracy Walker from Sharon Springs. He also is a junior

majoring in agronomy. This scholarship is awarded to students entering their junior or senior year at K-State or Fort Hays State University and pursuing a degree in agronomy, agribusiness or ag economics. Preference is given to applicants with a career goal of being actively engaged in a farming or feedyard enter-

across the state have received \$1,000 "Youth in Agriculture" scholarships from KLF. Ethan Bellar is the son of Mike and Peggy Bellar from Howard. He is a freshman at Pratt Community College majoring in farm and ranch management. Bailey Corwine of Lyndon is the daughter of Matt and Kathie Corwine and Charles

and Heather Sharp. She is a sophomore attending Allen Community College and majoring in agricultural communications. Taylor Nikkel. daughter of Mark and Janice Nikkel of Maple Hill, is a freshman at K-State majoring in agricultural economics. Madelvn Mushrush is the daughter of Joe and Connie Mushrush of Strong City. She is a freshman at K-State majoring in animal science. Jacqueline Clawson is the daughter of Dan and Tamra Clawson from Meade. She is a sophomore at K-State majoring in agricultural economics and business marketing. Funded by the KLF Club Calf Sale held during the Kansas Junior Livestock Show, these scholarships recognize students entering or returning to a Kansas junior or senior college and pursing a degree in agriculture or a related field.

Three students attending K-State each were awarded a \$1.200 Kansas CattleWomen (KCW) Scholarship. Kenzie Curran is the daughter of Joe and Kim Curran of Farlington. She is a senior majoring in agricultural communications and journalism. Brittney Houck, the daughter of Jeff and Lori Houck from Americus, is a junior majoring in mass communications and animal science. Sarah Jones is the daughter of Michael and Debra Jones from Riverton. She is a senior majoring in food science. This scholarship, funded by the KCW silent auction, is awarded to students entering or returning to a Kansas community or senior college and pursuing a degree in dietetics, food safety, agriculture or a related field. Reid Beeman was award-

ed the \$500 Fred H. Wood-

bury Memorial Scholarship through KLF. Beeman is the son of Preston and Jeanna Beeman from Olpe. He is a freshman at Fort Scott Community College majoring in agriculture. This scholarship is presented to a student attending a Kansas junior or senior college and pursuing a degree in agriculture. Preference will be given to students residing within Chase, Franklin, Lyon, Osage or Wabaunsee county.

\$500 Lallemand The Animal Nutrition Scholarship has been presented to Campbell Martin. He is the son of Eric and Holly Martin from Bucklin. Martin is a freshman majoring in agriculture at Hutchinson Community College. This scholarship is awarded to student attending a Kansas junior or senior college and pursuing a degree in agriculture or a related field.

KLF was established in 1983 to operate solely and exclusively for charitable, scientific and educational purposes. For information about KLF scholarship opportunities or to receive an application, contact the foundation at 6031 S.W. 37th St., Topeka, KS 66614 or email letty@kla.org.



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USDA announces additional financial incentives for Conservation Reserve **Program participants to improve forest** health and enhance wildlife habitat

In an effort to improve wildlife habitat and the health of private forest lands, the U.S. Lnclnvlle, 1 blk

prise. Five students from

Department of Agriculture (USDA) Farm Service Agency (FSA) has announced additional incentives available for Conservation Reserve Program (CRP) participants to actively manage forest lands enrolled in the program.

"Many CRP forests were initially established to conserve soil and protect water quality, but there is also a critical need to restore wildlife habitat" said Brad Pfaff, FSA deputy administrator for Farm Programs. "Over the years as trees grow and the forest canopy closes, the quality of wildlife habitat for many species declines. These new incentives are intended to reverse that trend, while also maintaining healthy forests."

The announcement was made at a CRP forest site near Jackson, Miss. In addition to Pfaff, those in attendance included FSA Mississippi state executive director Michael R. Sullivan; Natural Resources Conservation Service state conservationist Kurt Readus; and Office of Senator Thad Cochran constituent services representative Jo Ann Clark.

Under the provisions of the 2014 Farm Bill, \$10 million is available nationwide to eligible CRP participants. Those selected will be encouraged to thin, prescribe burn or otherwise manage their forests in order to allow sunlight to reach the forest floor. This will encourage the development of grasses, forbs and legumes, benefitting numerous species including pollinators and grassland-dependent birds such as the northern bobwhite.

The program is a win-win for landowners and wildlife as it supports enhanced wildlife habitat on lands already removed from agricultural production, while promoting forest sustainability, soil conservation, and water quality protection," said Pfaff.

Eligibility is limited to landowners and agricultural producers already enrolled in CRP with conservation covers primarily containing trees. Incentive payments, not to exceed 150 percent of the cost to implement a particular customary forestry activity as described, have been established. CRP participants meeting eligibility requirements and interested in making offers to participate should visit their local FSA county office.

For more information about FSA conservation programs, visit the FSA office at the local USDA service center or go to www.fsa.usda.gov/conservation. To locate the nearest FSA office, go to http://offices.usda.gov.

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Lnclnvlle, 1 bwf	1480@58.50	Herington, 9 Char	792@131.75	LncInvIle, 11 blk	750@126.00
White City, 1 blk	1125@58.00	Hope, 61 mix	879@131.35	Florence, 57 mix	812@125.85
Lnclnvlle, 1 red	1430@57.00	Woodbine, 6 mix	813@131.25	Woodbine, 9 blk	628@125.75
Lnclnvlle, 1 red	1420@57.00	Hillsboro, 17 blk	765@131.00	Lnclnvlle, 18 mix	842@125.00
Durham, 1 red	1515@56.50	Woodbine, 6 mix	683@131.00	LncInvlle, 24 blk	908@124.25
Lnclnvlle, 1 blk	1870@56.00	Marion, 17 mix	843@129.25		
Lnclnvlle, 1 blk	1625@56.00	Herington, 16 mix	705@128.85		

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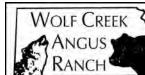
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AR **USED TRACTORS** 14 Case IH Farmall 115U MFD, Cab, loader, 370 hrs 5,900 hrs 65 IH656 gas w/loader belly mower Mower, 12' 15 Sunflower 6631 VT 27' MOCO Sprayer, loaded rake 12/30 Bulk fill cultivator Rhino SR 120 3 pt rotary cutter '07 Case IH RMX340 25' IH 496 Disc, 22' 32' hitch Т IH 4500 F.C. 18.5' ow 14' JD 235 disk, 23' IH 470 disk 14' IH 55 chisel 7' trailing IH 9' chisel, 3pt 2205 sep. 91 JD 653A row head '89 JD 643 cornhead OR NC hrs. eng.,1550 hrs. sep. ays 4WD ghts '06 Case 1020 30' '05 Case 1020 30' '89 Case IH 1020 25' '99 Case IH 1020 20' '94 Case IH 1063 comhead NES '89 Case IH 1083 cornhead C, CII IH 810 platform 6620 IH 863 cornhead 4400 '95 Case IH 8465, A. baler 915 '88 Heston 550 rd. baler 5 IHC IH 2001 loader 0, 300 60" rotary mower 2 pt. hitch and or-Landpride 7' finish mower s. JD 913 V-ripper, 3 shank 6140 Combine CASE IH 1255 Planter Farmall 40C 1-0511 Farmall 75C w/cab & loader Magnum 310 ROCK 340 disc 28 0.816-Several Bush Hog rotary 605 mowers and tillers ..\$575 ...\$90 \$1,500 ..\$235 ..\$760 \$1,450 ng ces -9864 2-3201 r flip \$4,250.

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01 Case IH MX220 MFD. BUSH HOG 41 IH FarmAll A w/Woods Kewanee - Westendorf MISCELLANEOUS C.E. Attachments 16 Bush Hog 1812 Batwing 13 CASE IH DC132 disk 10', 12', 14', 16', 07 Bestway Field Pro IV- 1000 18', & 20' GATES **CORRAL PANELS** 2010 Vermeer WR22 10 wheel 8' corral panels.....\$60.00 10 CASE IM 1250 planter 10' corral panels......\$70.00 12' corral panels......\$80.00 14' corral panels......\$90.00 Case IH 183 12 row 30 folding 16' corral panels......\$100.00 HD Round Bale Feeders\$250 SKID LOADERS **& ATTACHMENTS** 2013 Gehl 5240E w/ Cab and 05 Case IH Tigermate 200, heater Tobin flip blade for skid steer '05 JD 2210 FC 35' floating New Gehl R260 skid loader New Gehl V330 skid loader 2 Case IH 4300 FC 26' and 33 New Gehl RT210 track ldr. Used Gehl 5240 Case IH 6500 conser til chisel 2012 Gehl 5640 E skid loader Gehl CTL 70 Cab w/heat 2013 Case, SV250 fully equipped, 1500 hrs Worksaver walk thru pallet forks 48" \$800 96 JD 9500, 4WD, 3275 eng. CEA high dump 8' bucket Haugen bale grapple bucket New M&M tree shears & Graples 98 CASE IH 2366 4WD 2220 New CEA pallet forks New CEA tooth bars 91 Case IH 1680 combine New Mensch, manure scrprs New Danuser and Lowe post hole diggers, skid loader mounts\$2,500 New brush grapples New Bale Spears for big NEW EQUIPMENT rounds and square . Enorossi 12 14 wheel hayrakes Meyer's manure 350 sprds \$15,000 Cimmaron 6', 7', & 10' 3 pt. rotary mowers H&S GM170 grinder mixer USED EQUIPMENT NEW EQUIPMENT Vermeer R23A rake. Twin parallel bar 2009 JD 620I Gator w/cab enclosure GB 660 loader CIH 5120 series Maxum tractors Dual 800 loader Leon Loader w/AC 7000 series mounts SENECA IMPL.CO. CASE III Hwy. 36 West SENECA, KANSAS AGRICULTURE Day....785-336-2621 ROSSVILLE Night.....785-336-2502 Truck & Tractor ROSSVILLE, KANSAS 1997 JOHN DEERE 8300 785-584-6195 MFWD 4 scv auto steer 7140 hrs \$55,000 obo 785-850-0409 **Allis Chalmers Tractors** 2001 IH 4900 DT 466 257K 180 GAS Cab Loader... \$5,500 miles, 20' box new Scott hoist, 200D, 7020 loaders \$7,500ea electric carb, factory AC air tag. 7000D, 7050D cabs \$7,500ea \$32,500. 785-729-3486 7040 CAH PST \$6,500 Seneca, KS • 785-336-3158 2014 NH L225 Skid Loader 85 hrs IH 480 disc \$2,200 2015 JCB 280 skid loader, JD 900 ripper ..\$3.000 105 hrs. White 5 btm. plow,\$1,500 2015 JD 323 E track skid Orthman 9300 Cultivator 8R-W ... loader, 140 hrs.

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'08 JD 1770 16-30"\$55,000	'04 JD 9420\$116,500	2014 JD 6140M tractor, 2800	\$9,000	Cat 8' roll out bucket, off	Farm King 250 gravity wagor
'07 JD 1770 16-30"\$51,500	'11 JD 8360R \$212,500	hrs, MFWDCALL	JD 886 cultivator 8 rw, CALL	928G	2004 Sunflower 9433 no-ti
'11 JD 1770 12/30" LF \$69,500	'10 JD 8320R\$144,500	1971 JD 4020 tractor\$11,000	GPSS 1300 Ripper pull-type	2012 JCB260 skid loader	drill
14 JD 1790 16/32\$120,000	'11 JD 8310R\$169,500	Ford 7740 tractor w/Koyer 500	7skCALL	2013 JCB260 skid loader	200 Case IH 3950 23' disk
'07 JD 1790 24/20\$69,500 '10 JD 1790 16/31\$82,500	'11 JD 8335 MFWD .\$189,500	loader \$8,000	Blu Jet Ripper pull-type 7 sk	New JCB 205 skid loader	Howse 7' rotary mower
12 JD 1790 16/31\$96,500	'01 JD 8310\$97,650	1979 CIH 2090 tractor\$12,000	\$9,000		
'04 JD 1790 16/31\$39,750	'04 JD 7920\$76,800	2000 JD 9650 combine. \$42,000	JD 120 Flail Shredder \$5,500	2011 NH T6070 MFD KMW	New Cimarron 7' rotar
'09 Kinze 3660 16/31 .\$49.500	'15 JD 6135M\$97,500	2000 JD 930R Rigid Head	JD 7000 planter 4R\$2,000	1660 ldr. 1500 hrs.	mower
'15 Kinze 4900 16-30" \$109,500	'15 JD 6140M \$89,500	\$8,500	GP 2N-2410 Drill\$20,000	2008 JCB 536-60 Agra tele-	New Brown 10' & 12' bo
'14 Kinze 3660 16/31 .\$96,000	'14 JD 6125M \$97,500	2004 JD 630F Flex head .\$9,000	Tree Shearer \$2,750	handler 2,800 hrs	scrapers
- COMBINES -	'85 JD 4050\$24,900	2000 JD 925 flex head \$8,000	Rhino SR20M-20 Batwing	2006 NH TG215 MFD 1250	New Sunflower 6630/27
'13 JD S690\$272,500	'11 CIH 225 w/ldr\$117,500	1990 JD 853A rowhead \$14,000	mower,\$7,500	hrs	vertical till
'14 JD S680\$281,500	- TILLAGE -	JD 843 Comhead 8x30 \$4,500	2004 HS-04 Malsam Terracer	2003 Case IH MX255 Mag-	2011 Sunflower 1435-40
'13 JD S680\$275,000	'12 JD 2100 5 shank\$9,500	JD 853A Row head \$10,000	\$8,500	num, 6400 hrs	split wing disc
'14 JD S670, 4WD\$225,000	'05 JD 512 22 1/2' \$29,500	2004 CIH 1020 Flex 30' w/air	2016 Industrias AM 140R blade.	IH 806 w/loader	New Rhino 1540 hydrauli
'13 JD S670\$225,000	Peripheral 5 shank \$5,450	reel\$13,000	\$10,000	HAY EQUIPMENT	blade
12 JD S670 4WD\$195,000	'11 CIH 330 34' VT\$32,500	JD 893 Corn head\$13,500	JD dozer blade,\$1,400	New Hesston 2956A rd bal-	Icon 1632 grader rear steer
'12 JD S660\$199,500	'06 SF 1444 40' \$29,500	JD 643 Corn head 6r\$3,000	Wemco header trailer 32 & 35 ft.	ers	
'09 JD 9770\$121,500	'11 CIH 370 30'\$39,000 — HAY EQUIPMENT —	UFT Graincart\$1,500		2013 Hesston 2856A net	
'08 JD 9770 Hillco\$137,500	'07 JD 568\$19,500	Dakon 300 bu gravity wagon	NEWCALL	baler	HESSTON
'08 JD 9670 4WD\$99,500	'05 Gehl 2880\$6,500	\$1,250	Complete listing on our web:	New H&S 1660 16 wheel Hi	AGCO
'11 JD 9670\$155,000	'95 NH 660\$3.950	Gravity Flow Wagon\$2,000	www.jonesmachineryinc.com	Cap rakes	
'07 JD 9660 Hillco\$114,500	Highline hay trailer \$5,950	2000 JD 955 swather \$7,500	BUY/SELL/TRADE DAILY	COMBINES	SUNFLOWER
'05 JD 9660\$68,000		2011 JD R450 Swather 1300 hrs		2004 Case IH 2366	SSUNFLUWER
'06 JD 9560\$87,500	785-742-7121	CALL	Smith Center, KS	1990 Case IH 1083 corn-	SAALU BALLEL
'02 JD 9550 SH\$49,500	HIAWATHA, KS 66434	Vermeer R2300 hyd, rake	785-282-3000	head	
'06 CAT 570R \$59,500	www.hiawathaimplement.com	\$11,500	785-282-0432 Cell	AUGER & GRAIN CARTS	(SITA DAALIAND
32 corn heads		'93 Hesston 4750 baler\$15,000	785-686-4005		FARMHAND
24 flex heads	4	2009 JD 568 Rd. baler \$19,500	Evening Calls Welcome	Frontier GC 1108 grain cart	
- SPRAYERS & APPL		Maxilator MMG100 Bale fork		850 bushel	SUPERIOR
'14 JD 4940 Dry Box \$197,500		\$3,250		2008 Harvest International	SUPERIOR
'08 JD 4730\$110,000		1995 Meyer Chuckwagon		13x72 swing hopper	IMPLEMENT, INC.
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15 JD 2025R OPEN, 52 Hrs. ...\$18,500 H (11447) '12 JD 2720 OPEN, 123 Hrs. .,\$15,000 E (11551) '02 JD 4010 OPEN, 723 Hrs. .\$10,900 E (111513) '93 JD 4960 MFWD, 10518 Hrs. \$36,000 H (11581) 15 ID 5115M MFWD, 48 Hrs. \$65,500 H (J31329) '14 JD 6105M MFWD, 22 Hrs. \$76,000 B (J27437) 14 JD 6125M MFWD, 396 Hrs. ... \$83,000 H (11571) '14 JD 6170R MFWD, 1463 Hrs. \$146,000 H (11570) 15 JD 6175R MFWD, 806 Hrs. .. \$161,000 H (11568) '14 ID 7230R MFWD, 734 Hrs. \$181,500 B (11397) '04 JD 7420 MFWD, 4449 Hrs.\$69,500 E (11292) '11 JD 8235R MFWD, 1292 Hrs. .. \$168,000 E (11199) '11 JD 8260R MFWD, 2055 Hrs. .. \$147,000 H (11389) '14 JD 8320R MFWD, 2045 Hrs.

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.\$219,000 H (11327) '12 JD 8335R MFWD, 2773 Hrs. \$194,000 H (10770) '14 ID 8345R MFWD, 1636 Hrs. \$238,000 H (11068) '14 JD 8370R MFWD, 1558 Hrs.\$263,000 H (11065) '07 JD 8430 MFWD, 5219 Hrs.\$119,500 B (11159) '08 JD 9330 4WD, 5819 Hrs. .. \$141,000 E (11240) '14 JD 9410R 4WD, 356 Hrs. ... \$279,500 E (10743) '06 CHALLENGE MT255B MFWD, 500 Hrs. .. '09 CHALLENGE MT575B MFWD, 1560 Hrs., ...\$107,000 H (11531) '04 CASE IH MXM155 MFWD, 4450



\$8 500 (C) Supreme 700T feed wagon. ..\$31,500 (W) Supreme 500 feed wagon. ...\$34,500 (C) TRACTORS: 2012 Case IH Steiger 350 4WD 1261 hrs.....\$159,500 (C) 1997 Case IH 9370 4WD, 6342 hrs.....\$65,000 (S) 1997 Case IH 9350 4WD, 4942 hrs..... .\$54,950 (W) 2002 Case IH MX270, 6387 hrs .\$78,500 (S) 2006 Case IH MX245, 3675 hrs .\$102,500 (H) 2009 Case IH MX215, 1604 hrs .\$108,500 (M) 2010 Case IH Maxxum 115 w ldr, 746 hrs..... \$71,500 (M) 2003 JD 7320 w/ldr, 4986 hrs.\$60,000 (C) 1975 JD 4430 2wd, 8247 hrs\$18,500 (S) Bruna Impl. Co. C - Clay Center: 785-632-5621 H - Hiawatha: 785-742-2261 M - Marysville: 785-562-5304 S - Seneca: 785-336-2111 W - Washington: 785-325-2232 List of our entire used inventory on: www.brunaimplementco.com CASE III AGRICULTURE

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Page 27



Catalogs

Unique expertise leads KSU veterinary diagnostic researchers to quintet of swine health research grants

Ask for Sandra

It's said that "good things come in threes," but for veterinary diagnostic researchers at Kansas State University, that number is five.

The "good things" in this case are a set of five research grants obtained through the Swine Health Information Center, Ames, Iowa, for developing tests to reliably diagnose a very specific set of swine-related pathogens.

"We in the College of Veterinary Medicine and Kansas State Veterinary Diagnostic Laboratory have unique expertise leading in these areas," said Jianfa Bai, clinical associate professor and director of molecular research and development for the diagnostic laboratory. "We have already done background research in these areas: Seneca Valley virus, porcine circovirus type three, parainfluenza, pestivirus and swine influenza viruses. The Swine Health Information Center has a mission to try to protect livestock that takes place through emerging pathogen surveillance and diagnostics, and we are able to support that mission with the work we do on a regular basis."

Ying Fang, a professor of molecular virology, said that Kansas State University's location and its connections and partnerships with the incoming National Bio and Agro-defense Facility, the university's Biosecurity Research Institute, U.S. Department of Agriculture's Agricultural Research Services and Arthropod-Borne Animal Disease Research Unit, Kansas Department of Agriculture and the Kansas City Animal Health Corridor were important factors in leveraging the grants, which total \$292,667. "The Swine Health Information Center needs us as diagnosticians and researchers to interconnect and communicate in real time - to understand and track emerging diseases," Fang said. "This is a perfect example of translational research applied for benefit of clients and livestock industries." Gary Anderson, director of the Diagnostic Laboratory, added, "We, as a diagnostic lab, value research. We are able to blend research with service, such as when field veterinarians provide livestock tissue and clinical samples for analysis. It's also important that we are

able to be leaders in sharing technology - validated tests - among other diagnostic laboratories, so that we are all better able to respond to emerging diseases if and when they occur."

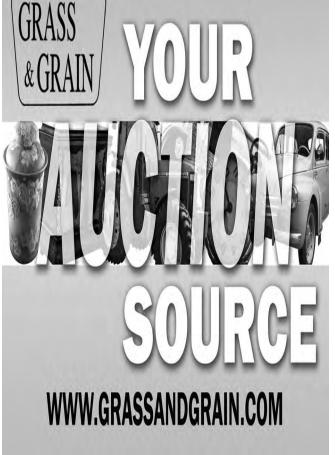
Bai said that the Swine Health Information Center has an association with the National Pork Board, but that the center's own emphasis is on finding ways to quickly to respond to emerging threats to swine health. The five pathogens named in the research grants are part of the center's top 25 pathogens of concern.

"Porcine Epidemic Diarrhea Virus, or PEDv, was a pathogen that caused billions of dollars in economic losses in recent years to pork producers," Bai said. "Other pathogens need to be studied and controlled quickly to prevent similar outbreaks. The sooner we can develop assays to diagnose these pathogens, then producers will be better equipped to respond to any emerging threats."

The following grants were received through the Swine Health Information Center:

• "Detection and differentiation of Seneca Valley virus (SVV) from footand-mouth disease virus (FMDV)," \$65,700, to Bai, principal investigator; and Fang, Lalitha Peddireddi, Xuming Liu, Yanhua Li and Anderson.

• "Detection and differentiation of PCV3 from PCV2a, PCV2b and the highly prevalent PCV2d mutant strains," \$56,700, to Bai, principal investigator; and Fang, Peddireddi, Liu, Li and Anderson. • "Development of sensitive and reliable diagnostic assay to detect atypical porcine pestivirus (APPV) in swine," \$55,267, to Peddireddi, principal investigator; and Bai, Fang, Liu, Richard Hesse, Benjamin Hause, Anderson, Bailey Arruda and Paulo Arruda. • "Multiplex real-time RT-PCR assay for simultaneous detection and differentiation of swine influenza C, D and B viruses," \$58,500, to Liu, principal investigator; and Bai, Fang, Peddireddi, Li and Anderson • "Development of a TagMan quantitative RT-PCR test for porcine parainfluenza virus 1," \$56,500, to Li, principal investigator; and Fang, Bai, Liu, Peddireddi, Anderson and Chase Stahl.



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Grass & Grain, December 20, 2016 Page 28 Farmland Lease Meeting January 9 in Clyde

The River Valley Extension District will host a Farmland Lease Meeting on Monday, January 9, 2017 from 7:00 to 9:00 p.m. at the Branch, 104 S Chestnut Street, Clyde.

Topics for the Lease Meeting will be:

Explaining the differences and similarities of various leasing arrangements: crop share, fixed cash rent, flexible leases, AUM pas-

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ture leases

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lease using cost of production budgets, price and yield expectations, and other market-based information

Results of the 2016 River Valley Extension District Lease Survey. The survey summary will be presented by RVED agents with our lease survey publication available for pickup at the meeting.

Our guest presenter for the evening will be Dr. Mykel Taylor. Dr. Taylor

University Department of Agricultural Economics in 2011. Among other research and Extension work Dr. Taylor works extensively with land values and rental rates for crop and pasture land in Kansas.

This is a free event open to interested land owners and crop and livestock producers. We do ask that attendees pre-register in order to guarantee adequate materials and refreshments joined the Kansas State for the evening. Pre-regis-

trations by January 5th by calling the River Valley Extension Concordia office at 785-243-8185. Participants may also contact John Forshee at jforshee@ksu.edu, Kim Kohls at kclarson@ksu. edu, or Katelyn Brockus kbrockus@ksu.edu.

This event is sponsored by K-State Research and Extension River Valley District and by the Kansas Crossroads Resource Conservation and Development Area, Inc.

Deadline approaches for growers to register for nation's premier no-till event

The registration window remains open for the nation's premier soil health event, but not for long. The 21st annual No-till on the Plains Winter Conference is set for Tuesday, January 24, through Wednesday, January 25, 2017 at the Bicentennial Center in Salina, Kan. The deadline to register for this global event has been extended to January 2, 2017.

The event, themed "Securing Our Future with Soil Health," features 37 nationally and internationally recognized soil health experts. The schedule includes 55 breakout sessions, a special question and answer session with speakers, networking reception and the popular trade show featuring no-till services and equipment.

Registration is available now at notill. org. The Winter Conference registration price is \$275 before January 2, 2017 then goes up to \$300 per person. Conference walk-ins are welcome but discounts are phased out closer to the event date. Registration rates are also available in packages for those who want to attend two or more events. Only a few of the first- time attendees from Oklahoma \$50 discounts remain. Nebraska attendees will also receive a discount, thanks to a SARE grant. Producers can receive a \$50 discount and free transportation on a van. More information is available from the Saline county Extension office, 401-821-2151. All growers should register now while the spots are still available.

"The Winter Conference has become the most popular event in the country addressing soil health," Ryan Speer, president, No-till on the Plains, says. "When a grower considers the future of their operation and how to remain in business during a challenging ag economy, they should consider that attendees to our Winter Conference tell us they derive an extra \$1 to \$5 more per acre with the knowledge they gain at the conference. This more than pays for the registration fee to attend No-till on the Plains Winter Conference.'

The speaker lineup features Ray Weil, professor, University of Maryland; Ademir Calegari, researcher, Agronomic Institute of Parana, Brazil; Allen Williams, president, LMC and founder, Grass Fed Beef, LLC; Odette Menard, regional advisor, Soil Conservation, Canada; Steve Tucker, no-till producer, Venango, Neb.; Jimmy Emmons, no-till producer, Leedey, Okla.; Greg Judy, grazing specialist, Rucker, Mo.; Michael Thompson, no-till producer, Almena, Kan.; Rick Bieber, no-till producer, Trail City, S.D. and Blake Vince, no-till producer, Ontario, Canada. A complete list of speakers is posted at notill.org.

New this year is a one-day Beginning No-till Producers Workshop preceding the Winter Conference on Monday, Jan. 23. The advanced Agriculture's Innovative Minds (AIM) Symposium returns this year on Thursday, Jan. 26, with the theme of "Building Resistance, Resiliency and Recovery into Your Agriculture Operation." Certified Crop Advisor credits will also be available for conference attendees.

The Winter Conference is presented by Farmers Edge, Diamond Sponsor. Conference Sponsors are Green Cover Seed and Arrow Seed/SoilBuilder. Gold Sponsors include Eco Ag Solutions, Agro-Liquid Fertilizers Paicines Ranch and Needham Ag Technologies. The Beginner's Workshop is presented by Arrow Seed/SoilBuilder. The AIM Symposium is presented by Green Cover Seed.

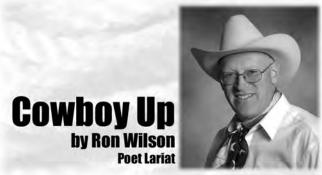
Visit notill.org or call 785-307-0433 for registration information. Pre-registration online at notill.org is encouraged.

To meet its mission, No-till on the Plains hosts field events, provides a networking opportunity for producers and manages the annual Winter Conference for producers to gain valuable no-till information. No-till farming systems offer several advantages to producers willing to implement the system. Fewer trips across fields without tillage passes will reduce fuel costs. Increasing crops in rotations breaks weed and insect pest cycles. Increased crop residue and root systems will increase soil organic matter and microbiological activity, thereby increasing the productiveness and fertility of the soil. Implemented in a site-specific systems approach, no-till will, over time, outperform conventional tillage.

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	STEERS		GREENLEAF	1 BLK HFRETTE	955@\$71.00
MARYSVILLE BAILEYVILLE	1 BLK STR 2 BLK STR	425@\$165.00 445@\$165.00	GREENLEAF SENECA	1 XBRD HFRETE 1 BLK HFRETTE	1,090@\$71.00 1,215@\$71.00
HERKIMER BEATTIE	3 BLK STR 2 MIX STR	433@\$162.50 492@\$162.00	WASHINGTON SABETHA	1 BLK HFRETTE 1 BLK HFRETTE	1,205@\$70.00 1,095@\$64.00
SABETHA WASHINGTON	1 BLK STR 5 XBRD STR	400@\$160.00 468@\$160.00	BERN	COWS 1 BLK COW	1,580@\$63.00
MARYSVILLE PAWNEE CITY,NE	1 XBRD STR	275@\$157.00 355@\$157.00	GREENLEAF HERKIMER	1 BLK COW 1 BWF COW	1,370@\$62.50 1,430@\$62.00
WESTMORELAND	8 XBRD STR	477@\$156.50	WATERVILLE	1 XBRD COW	1,690@\$62.00
WESTMORELAND MARYSVILLE	2 BLK STR	520@\$156.50 517@\$156.00	SENECA BAILEYVILLE	1 CHAR COW 1 BWF COW	1,290@\$62.00 1,480@\$62.00
BEATRICE,NE SENECA	1 XBRD STR 2 BLK STR	395@\$155.00 355@\$154.00	SENECA HANOVER	1 BLK COW 1 BLK COW	1,370@\$62.00 1,320@\$62.00
BAILEYVILLE BERN	2 XBRD STR 2 BLK STR	300@\$154.00 500@\$152.00	MARYSVILLE MARYSVILLE	1 BLK COW 1 RED COW	1,500@\$61.50 1,295@\$61.50
SENECA PAWNEE CITY,NE	20 BLK STR	517@\$148.00 420@\$146.00	PAWNEE CITY,NE VLIETS		1,465@\$61.50 1,665@\$61.00
VERMILLION WASHINGTON	7 MIX STR 5 BLK STR	485@\$145.00 349@\$144.50	HERKIMER	1 BWF COW 1 BLK COW	1,320@\$61.00 1,150@\$61.00
WATERVILLE	2 BLK STR	487@\$144.00	MARYSVILLE	1 BLK COW	1,590@\$61.00
HOME BAILEYVILLE	1 BLK BULL 1 XBRD STR	495@\$142.00 440@\$141.00	MARYSVILLE	1 BLK COW 1 BLK COW	1,345@\$60.50 1,395@\$60.50
WESTMORELAND ONAGA	2 MIX BULL	525@\$140.00 405@\$140.00	MARYSVILLE GREENLEAF	1 BLK COW 1 BLK COW	1,365@\$60.50 1,510@\$60.50
WASHINGTON WESTMORELAND	22 XBRD STR 16 XBRD STR	614@\$139.75 602@\$139.00	HERKIMER MARYSVILLE	1 BWF COW 1 BLK COW	1,240@\$60.00 1,285@\$60.00
BAILEYVILLE MARYSVILLE	8 XBRD STR 18 BLK STR	623@\$138.50 631@\$138.00	OLSBURG MARYSVILLE	1 BLK COW 1 BLK COW	1,585@\$59.50 1.330@\$59.00
WATERVILLE	5 BLK STR 5 BLK STR	617@\$137.25 569@\$136.50	VLIETS	1 BLK COW 1 BLK COW	1,510@\$59.00 1,240@\$59.00
WATERVILLE	1 BLK BULL	510@\$136.00	OLSBURG	1 BLK COW	1,540@\$58.50
FRANKFORT VERMILLION	6 XBRD STR 2 MIX STR	487@\$136.00 517@\$136.00	CENTRALIA BEATRICE,NE	1 BWF COW 1 BLK COW	1,490@\$58.50 1,080@\$58.00
PICKERELL,NE HANOVER	2 BLK STR 2 BLK STR	590@\$135.50 580@\$134.00	SENECA MARYSVILLE	1 BWF COW 1 BLK COW	1,635@\$58.00 1,545@\$58.00
PAWNEE CITY,NE FRANKFORT	2 BLK STR 60 MIX STR	575@\$133.00 889@\$132.50	SUMMERFIELD HOME	1 BLK COW 1 BWF COW	1,370@\$57.00 1,430@\$57.00
MAHASKA FRANKFORT	19 BLK STR 4 XBRD STR	720@\$132.00 588@\$132.00	SUMMERFIELD	2 BLK COW 1 CHAR COW	1,285@\$56.50 1,415@\$56.00
MAHASKA SENECA	9 BLK STR 17 BLK STR	777@\$131.25 685@\$131.00	WETMORE GREENLEAF	1 HOL COW 1 XBRD COW	1,810@\$56.00 1,410@\$56.00
WASHINGTON BEATRICE,NE	3 MIX STR 2 RED STR	343@\$131.00 587@\$131.00 587@\$130.00	PAWNEE CITY,NE	1 BLK COW	1,290@\$56.00
GREENLEAF	59 BLK STR	949@\$130.00	SUMMERFIELD RANDOLPH	1 BLK COW 1 CHAR COW	1,320@\$55.50 1,540@\$55.00
GREENLEAF BARNES	7 XBRD STR 1 CHAR STR	727@\$129.00 585@\$129.00	GREENLEAF GOFF	1 BLK COW 1 BLK COW	1,320@\$55.00 1,450@\$55.00
MARYSVILLE AXTELL	15 CHAR STR 14 BLK STR	844@\$128.50 884@\$128.00	SABETHA WASHINGTON	1 BLK COW 1 WF COW	1,305@\$55.00 1,440@\$54.50
SENECA WATERVILLE	17 MIX STR 4 BLK STR	632@\$128.00 822@\$127.25	SUMMERFIELD GOFF	2 BLK COW 1 BLK COW	1,297@\$54.50 1,320@\$54.00
AXTELL	3 BLK STR 2 XBRD STR	600@\$126.50 670@\$125.50	SABETHA OLSBURG	1 BLK COW 1 BLK COW	1,335@\$54.00 1,650@\$54.00
MARYSVILLE BEATRICE.NE	2 BLK STR	487@\$124.50	BARNES	1 RED COW	1,140@\$54.00
PICKERELL,NE	2 XBRD STR 3 XBRD STR	765@\$122.50 601@\$122.00	ODELL,NE GREENLEAF	1 HOL COW 1 BLK COW	1,385@\$53.50 1,225@\$53.50
SABETHA AXTELL	1 BLK STR 1 BLK STR	725@\$122.00 765@\$121.00	GREENLEAF OLSBURG	1 BLK COW 1 BLK COW	1,475@\$53.50 1,480@\$53.00
WESTMORELAND WASHINGTON	1 BLK STR 1 BLK STR	1,030@\$120.50 1,010@\$119.00	GOFF WASHINGTON	1 BLK COW 1 WF COW	1,560@\$53.00 1,335@\$53.00
WATERVILLE HOME	1 BLK BULL 3 BLK BULL	555@\$116.00 681@\$115.00	BEATRICE,NE BEATTIE	1 BLK COW 1 BLK COW	1,125@\$53.00 1,165@\$53.00
HOME	HEIFERS 1 BLK HFR	315@\$161.00	GREENLEAF WATERVILLE	1 XBRD COW 1 BLK COW	1,330@\$52.50 1,445@\$52.00
SENECA	4 BLK HFR	397@\$150.00	BEATRICE,NE	1 RED COW	1,485@\$52.00
WASHINGTON	6 MIX HFR 5 BLK HFR	409@\$150.00 436@\$146.00	GREENLEAF GOFF	1 BWF COW 1 BLK COW	1,225@\$51.50 1,345@\$51.00
FRANKFORT PAWNEE CITY,NE		406@\$143.00 395@\$142.00	GREENLEAF PALMER	1 XBRD COW 1 BLK COW	1,365@\$50.50 1,225@\$50.00
BEATRICE,NE SENECA	1 BWF HFR 2 BLK HFR	270@\$141.00 287@\$141.00	SUMMERFIELD SUMMERFIELD	1 BLK COW 1 BLK COW	1,110@\$50.00 1,370@\$50.00
PAWNEE CITY,NE GREENLEAF	4 MIX HFR 1 BWF HFR	385@\$139.00 410@\$135.00	WETMORE MARYSVILLE	1 HOL COW 1 WF COW	1,690@\$49.50 1,430@\$49.50
MARYSVILLE BAILEYVILLE	17 BLK HFR 10 BLK HFR	543@\$133.50 559@\$133.50	SENECA SENECA	1 BLK COW 1 BLK COW	1,210@\$49.50 1,225@\$48.50
MARYSVILLE WESTMORELAND	3 BLK HFR	488@\$133.00 540@\$131.50	GREENLEAF VLIETS	1 BWF COW 1 WF COW	1,305@\$48.00 1,375@\$48.00
WATERVILLE	1 BLK HFR	520@\$130.00	MARYSVILLE	1 BLK COW	1,145@\$48.00
HANOVER WASHINGTON	2 BLK HFR 27 MIX HFR	345@\$130.00 574@\$129.50	SUMMERFIELD WETMORE	1 BLK COW 1 HOL COW	1,320@\$47.50 1,430@\$47.00
WYMORE,NE MARYSVILLE	15 BLK HFR 25 BLK HFR	615@\$129.00 611@\$128.50	SUMMERFIELD MARYSVILLE	1 BLK COW 1 RED COW	995@\$47.00 1,160@\$46.00
SENECA HANOVER	13 BLK HFR 5 BLK HFR	651@\$128.00 506@\$128.00	RANDOLPH PALMER	1 CHAR COW 1 BLK COW	1,450@\$46.00 1,315@\$46.00
SENECA BEATRICE,NE	4 BLK HFR 5 XBRD HFR	493@\$127.50 522@\$125.50	GREENLEAF GOFF	1 BWF COW 1 HOL COW	1,150@\$45.00 1,545@\$45.00
GREENLEAF	2 XBRD HFR 2 BLK HFR	585@\$125.50 675@\$125.50	WASHINGTON	ADULT BULLS	1,955@\$80.00
MARYSVILLE WASHINGTON	1 BLK HFR 8 MIX HFR	550@\$125.00 673@\$125.00	FRANKFORT	1 BLK BULL 1 BLK BULL	2,185@\$76.50
		575@\$125.00	GREENLEAF FRANKFORT	1 BLK BULL 1 BLK BULL	1,900@\$75.50 1,955@\$74.50
AXTELL	4 BLK HFR				1 1 5 0 0 7 0 0 0
AXTELL SABETHA MARYSVILLE	4 BLK HFR 3 BLK HFR 3 CHAR HFR	543@\$124.50 625@\$123.50	PALMER SENECA	2 BLK BULL 1 BLK BULL	1,450@\$73.00 2,405@\$72.50
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00	PALMER SENECA LIBERTY,NE AXTELL	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25
AXTELL SABETHA MARYSVILLE BEATRICE,NE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR	543@\$124.50 625@\$123.50 675@\$122.00	PALMER SENECA LIBERTY,NE	2 BLK BULL 1 BLK BULL 1 BLK BULL	2,405@\$72.50 2,260@\$70.50
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 2 BLK HFR	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 460@\$120.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 BLK BULL	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 2,170@\$67.50
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WESTMORELAND PICKERELL,NE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 2 BLK HFR 9 XBRD HFR 1 BWF HFR	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.50 677@\$119.50 520@\$117.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 2,170@\$67.50 1,825@\$65.50 1,950@\$64.00
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WESTMORELAND PICKERELL,NE FRANKFORT PAWNEE CITY,NE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 9 XBRD HFR 1 BWF HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 460@\$120.00 690@\$120.00 677@\$119.50 670@\$119.00 520@\$116.00 550@\$116.00 632@\$115.50	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 2,170@\$67.50 1,825@\$65.50
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WESTMORELAND PICKERELL,NE FRANKFORT	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 2 BLK HFR 9 XBRD HFR 1 BWF HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 1 BWF HFR 2 BLK HFR 2 MIX HFR	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.50 677@\$119.00 520@\$117.00 550@\$116.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS EARLY CON	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 RED BULL SIGNMENTS FOR	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 1,825@\$65.50 1,950@\$64.00 2,315@\$62.00 1,850@\$61.50 12-22-2016
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WATERVILLE WATERVILLE WESTMORELAND PICKERELL,NE FRANKFORT PAWNEE CITY,NE SABETHA VERMILLION PAWNEE CITY,NE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 2 BLK HFR 9 XBRD HFR 2 BLK HFR 2 BLK HFR 1 BLK HFR 2 BLK HFR 9 XBRD HFR 1 BLK HFR 9 SBLK HFR 9 BLK HFRETTES 9 BLK HFRETTE	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.00 520@\$117.00 550@\$116.00 632@\$115.50 640@\$114.50 570@\$113.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 SIGNMENTS FOR TRS 300-600	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 1,825@\$65.50 1,950@\$64.00 2,315@\$62.00 1,850@\$61.50
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WESTMORELAND PICKERELL,NE FRANKFORT PAWNEE CITY,NE SABETHA VERMILLION PAWNEE CITY,NE WASHINGTON LIBERTY,NE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 9 XBRD HFR 1 BWF HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 1 BLK HFR 1 BLK HFR 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.50 670@\$119.50 670@\$119.00 520@\$114.50 640@\$114.50 570@\$113.00 1,075@\$118.00 1,075@\$118.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS BLUE RAPIDS BLUE RAPIDS 10 HOLSTEIN S 15 HOLSTEIN S	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 RED BULL SIGNMENTS FOR TRS 500-600 TRS 500-650	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 2,170@\$67.50 1,850@\$64.00 2,315@\$62.00 1,850@\$61.50 12-22-2016 00# WV 0# WV
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WATERVILLE WASTMORELAND PICKERELL,NE FRANKFORT PAWNEE CITY,NE SABETHA VERMILLION PAWNEE CITY,NE WASHINGTON LIBERTY,NE VLIETS WASHINGTON	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 1 BLK HFR 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 3 BLK HFRETTE 3 BLK HFRETTE 3 BLK HFRETTE 3 BLK HFRETTE	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.50 670@\$119.50 670@\$119.50 670@\$119.50 640@\$114.50 570@\$118.50 1,075@\$118.00 1,022@\$119.00 1,075@\$118.00 1,082@\$118.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS EARLY CON: 10 HOLSTEIN S' 20 HOLSTEIN S' 13 HOLSTEIN S' 15 HOLSTEIN S'	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 RED BULL SIGNMENTS FOR TRS 500-600 TRS 500-650 TRS 500-660	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 1,825@\$65.50 1,950@\$64.00 2,315@\$62.00 1,850@\$61.50 12-22-2016 0# WV 0# WV 0# WV 0# WV
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WESTMORELAND PICKERELL,NE FRANKFORT PAWNEE CITY,NE SABETHA VERMILLION PAWNEE CITY,NE WASHINGTON LIBERTY,NE VLIETS	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 1 BLK HFR 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 3 BLK HFRETTE 3 BLK HFRETTE 3 BLK HFRETTE 3 BLK HFRETTE	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.00 670@\$119.00 520@\$119.00 520@\$116.00 632@\$115.50 640@\$114.50 570@\$113.00 1.075@\$118.00 1.075@\$118.00 1.076@\$118.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS BLUE RAPIDS BLUE RAPIDS 10 HOLSTEIN S 13 HOLSTEIN S 13 HOLSTEIN S 15 HOLSTEIN S 15 HOLSTEIN S 16 HOLSTEIN S 17 HOLSTEIN S 18 HOLSTEIN S 18 HOLSTEIN S	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 RED BULL 1 RED BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 RED BULL 1 RED BULL SIGNMENTS FOR TRS 300-600 TRS 500-600 TRS 500-600 TR	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 2,170@\$67.50 1,825@\$65.50 1,950@\$64.00 2,315@\$62.00 1,850@\$61.50 12-22-2016 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV
AXTELL SABETHA MARYSVILLE BEATRICE,NE WATERVILLE VERMILLION BAILEYVILLE WATERVILLE WATERVILLE WATERVILLE WASTMORELAND PICKERELL,NE FRANKFORT PAWNEE CITY,NE SABETHA VERMILLION PAWNEE CITY,NE VLIETS WASHINGTON PAWNEE CITY,NE VLIETS WASHINGTON PAWNEE CITY,NE BLUE RAPIDS GREENLEAF	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 2 BLK HFR 9 XBRD HFR 1 BWF HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 1 BWF HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 3 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BLK HFRETTE 1 BWF HFRETE	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.50 670@\$119.00 520@\$119.00 520@\$119.00 632@\$115.50 640@\$114.50 570@\$113.00 1.075@\$118.00 1.075@\$118.00 1.075@\$118.00 1.075@\$118.00 1.075@\$118.00 1.050@\$118.00 1.050@\$118.00 1.193@\$111.00 1.050@\$108.00 1.170@\$105.00 1.140@\$102.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS BLUE RAPIDS 10 HOLSTEIN S 15 HOLSTEIN S 15 HOLSTEIN S 15 HOLSTEIN S 10 HOLSTEIN S	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 BLK BULL 1 RED BULL SIGNMENTS FOR TRS 500-60 TRS	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 2,170@\$67.50 1,825@\$65.50 1,950@\$64.00 2,315@\$62.00 1,850@\$61.50 12-22-2016 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV 0# WV
AXTELL SABETHA MARYSVILLE BEATRICE, NE WATERVILLE VERMILLION BAILEYVILLE WESTMORELAND PICKERELL, NE FRANKFORT PAWNEE CITY, NE SABETHA VERMILLION PAWNEE CITY, NE VLIETS WASHINGTON PAWNEE CITY, NE VLIETS WASHINGTON PAWNEE CITY, NE VLIETS WASHINGTON PAWNEE CITY, NE VLIETS WASHINGTON PAWNEE CITY, NE VLIETS WASHINGTON PAWNEE CITY, NE SGREENLEAF ONAGA MARYSVILLE	4 BLK HFR 3 BLK HFR 3 CHAR HFR 1 RED HFR 6 BLK HFR 4 MIX HFR 1 BLK HFR 9 XBRD HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 2 BLK HFR 1 BLK HFRETTE 1 CHARHFRETE 1 BLK HFRETTE 1 BLK HF	543@\$124.50 625@\$123.50 675@\$122.00 731@\$120.00 690@\$120.00 677@\$119.50 670@\$119.50 520@\$119.50 670@\$119.50 632@\$115.50 640@\$114.50 570@\$118.00 1,075@\$118.00 1,075@\$118.00 1,075@\$118.00 1,193@\$111.00 1,050@\$108.00 1,170@\$105.00 1,140@\$102.00 1,160@\$102.00 1,190@\$101.00	PALMER SENECA LIBERTY,NE AXTELL FILLEY,NE LINN MARYSVILLE CENTRALIA SABETHA BLUE RAPIDS BLUE RAPIDS BLUE RAPIDS 10 HOLSTEIN S 15 HOLSTEIN S 13 HOLSTEIN S 15 HOLSTEIN S 16 HOLSTEIN S 17 HOLSTEIN S 18 BLK STRS/HI 12 BLK STRS/HI	2 BLK BULL 1 BLK BULL 1 BLK BULL 1 WF BULL 1 RED BULL 1 RED BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 BLK BULL 1 RED BULL SIGNMENTS FOR TRS 500-600 TRS 500-600 TRS 500-600 FRS 500-650 FRS 500-600 FRS 500-600 FRS 500-650 FRS 500-650 FRS 500-600 FRS 500-650 FRS 500-600 FRS	2,405@\$72.50 2,260@\$70.50 2,380@\$70.25 2,065@\$70.00 1,795@\$69.50 1,825@\$65.50 1,950@\$64.00 2,315@\$62.00 1,850@\$61.50 12-22-2016 0# WV 0# WV 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Be A-Mazed

ship for 2016.

K-State has won the

Chicago championship for

eight years in a row. In fact,

K-State teams have won or

shared the collegiate crops

national championships in

20 of the past 23 years. That

is domination. It's amazing.

Bill Snyder would be proud

facts about crops myself.

This fall out at the ranch,

we planted a corn maze for

visitors. My wife posted ed-

ucational signs about corn

throughout the maze, in-

cluding some numbers that I

didn't know. The signs quot-

ed informative facts such as

*Corn is the official grain

*Corn is an ingredient in

*One bushel of corn can

more than 3,000 products.

make 33 pounds of sweeten-

er. 32 pounds of starch, or 2

the following:

of Wisconsin.

(Amazing!)

I recently learned some

of a record like that.

K-State football Coach Bill Snyder notched his 200th win (and then won another one) this fall. In K-State basketball, Coach Bruce Weber claimed his 400th career win and Coach Jeff Mittie (with the women's team) earned his 500th. Yet has any program been as dominant in intercollegiate competition in recent years as the K-State Crops Judging Team?

Crops judging is a far cry from the excitement of Bill Snyder Family Stadium, but it still involves students who work very hard and prepare for competition. Crops judging involves three components: plant and seed identification, commercial grain grading, and seed analysis. Preparation for crops contests teaches evaluation of crops for quality relative to certification, grain viability and marketing. Such skills will likely be more useful for these young men and women's future careers than football. While I enjoy the games, I appreciate what these crops judges can do. They will never have highlights on ESPN, but they might make the farm news or RFD-TV.

There's not exactly a playoff system or NCAA tournament for crops judging. The national championship is determined by the placings at the American Royal contest in Kansas City and the Chicago Collegiate Crops Contest. These contests are held during the same week in November. They are considered the national finals of crops judging.

In 2016, Iowa State edged K-State by six points to win the contest in Kansas City. The Cats bounced back and trounced Iowa State by 104 points in Chicago, claiming the top three individual placings and winning the contest, thus creating a shared national champion-



*The Corn Belt reaches from Ohio west to Kansas and Nebraska.

*On the growing corn plant, there is a silk for each kernel.

*An average ear of corn has 800 kernels, arranged in 16 rows.

*A bushel of corn contains about 90,000 kernels. *An acre is about the size

of a football field. *In the 1930s, it took a farmer nine hours a day to harvest an average of 100 bushels by hand. Today, a modern combine can har-

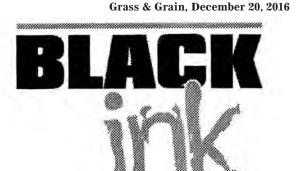
vest the same 100 bushels of corn in less than seven minutes! *Modern combines can harvest 900 bushels of corn

per hour. (Amazing!) *Corn is the third most important food crop of the world measured by production volume, behind wheat

and rice. *In terms of acreage planted, corn is second to wheat. (Take that, Wisconsin!)

Education about agriculture can take many forms. Maybe a poster in a corn maze or a sign along the highway will help. I appreciate the many farm groups and volunteers who do education in schools or who host field trips or days on the farm. In the long run, those efforts will create a more informed and understanding consumer.

That's another win for ag-



In The Short Run

By Steve Suther There are no good days or bad days, good years or bad years. It's all in how we use the time and adapt to unforeseen events along the way. Much of that comes down to planning, execution and attitude.

Our lives are made up of moments and the many decisions they contain. Some math whiz figured we make 35,000 "decisions" daily, depending on the definition that's one every two seconds you're awake. Every word you say (certainly every one you write) is a choice.

If you drive a vehicle, you know there are hundreds of decisions to be made in any trip, and thousands if you count minor steering adjustments.

When you got behind the wheel for the first time, or first learned to ride a bike, or to walk or crawl, each little part of the process took focus. With practice, what were once decisions become automatic.

Still, we surely make more than a few decisions each day that require judgment or could have serious consequences. To other people, they reflect our values, who we are. To ourselves, they should focus intention. At year's end, we often take stock of our enterprises and complete financial statements to see if we are on track. We think about the vear ahead, and maybe even what the next decade will bring.

Those are critically important management and administrative exercises, but sometimes we must also review our daily routines, because the long run is made up of many short runs.

You may be feeding hay every morning. Do you know its nutrient content? Are you feeding it to get the least waste? Are you feeding it in the best location for the herd and the land? Should you feed heifers in the evening instead of morning as they near a due date, to foster more daylight births?

Calving, and life for that matter, can be compared to football, said cattleman and former South Dakota State University athlete Brandon Peterson at the 2016 Angus Convention. "Each play matters, but you need to have a short memory."

He first heard the advice from a coach, and games

Page 29

certainly contain metaphors for life. Making the best of the cards we're dealt, we take our best shot in this game of inches. Winning a national championship or creating the most profitable cow herd in history, both take a lot of on-track, small steps.

Maybe your first heifer loses her calf. Your goal with her was to "go 1-0," to chalk up a victory. But that's not the whole season, so you can't dwell on any setback. Your goal is to go 1-0 on each heifer and each cow. At the end of your calving window, your percentage will surely represent a winning season. You probably won't have video to review, but keeping notes can help you do better next year.

Make sure the next ten things you do are on track and your day will be off to a good start.

Next time in Black Ink® Miranda Reiman will look at the payoff from progress. Questions? Call 330-465-0820 or e-mail steve@certifiedangusbeef.com.



— REMINDE **GRASS & GRAIN** ADVERTISING DEADLINE

IS

- 1ST SECTION -WEDNESDAY NOON

Good Judgment By Ron Wilson, Poet Lariat

Some judges sit in court, adjudicating cases. Some judge 4-H exhibits at all the county fairs. Some judge talent shows. with singers' answered prayers. In terms of farm products, you'll find all kinds of judging, With official placings from which he or she's not budging. Livestock judging is a big one, along with judging meat, But K-State's crops judging team is really hard to beat. They're among the very best of all their judging peers, As national champs in 20 of the past 23 years. These judges will go on from their collegiate sessions To find their skills applied in agricultural professions. So let's salute these young collegians whose skills are really tops: Our K-State national champions when it comes to judging crops. Happy Trails! www.ronscowboypoetry.com © Copyright 2016

Biomass producers can bring in cash while establishing switchgrass

Farmers looking to cash ond year, switchgrass is typ- switchgrass density at first.

1/2 gallons of ethanol fuel. riculture.

Some judge beauty contests, a'ranking pretty faces.

in on the growing biomass market may be scared off by profit losses during long establishment periods. But a new study from the University of Illinois provides a workaround

"We have shown that farmers can grow corn as a companion crop with switchgrass to generate revenue in the establishment year," says U of I agronomist D.K. Lee.

The idea is simple: farmers plant corn as usual, but also sow switchgrass seed in the same field approximately one week earlier. Corn shoots up quickly, leaving small switchgrass plants to establish under the corn canopy. The corn can then be harvested and sold to provide an income stream in the first year.

"The following year, switchgrass emerges early like other perennial grasses starting from crowns," Lee says. By the end of that secically able to produce at full capacity.

Planting corn as a companion to switchgrass is not a new idea; other studies have shown it can work. But Lee says that no clear guidelines have been established with respect to corn seeding rates or nitrogen application rates.

The experiment looked at three corn seeding rates: 28,000 seeds per acre, the standard rate at the time the study was done, and 24,000 (85 percent), and 20,000 (70 percent). It also investigated three nitrogen application rates: 0, 100, and 200 pounds per acre. After the first year, no additional nitrogen was applied. Switchgrass stand density and biomass yield was tracked over three years.

The presence of switchgrass did not negatively impact corn yield, but the addition of a corn companion crop did result in lower

Density and yield started to bounce back in the second and third years.

The study also included an economic analysis of various scenarios. "Net returns for all treatment combinations with corn were significantly more profitable than without corn, especially when fertilized with 100 or 200 pounds of nitrogen per acre during the establishment year," Lee says.

Lee and his collaborators conclude that the use of corn as a companion crop with switchgrass can get farmers through the establishment year income gap.

The article, "Establishing switchgrass with a corn companion crop to improve economic profitability," is published in Agronomy Journal. The study was funded by the Department of Crop Sciences at U of I and the Energy Biosciences Institute.

FOR ALL **DISPLAY ADS AND AUCTIONS** INCLUDING COLOR ADS

- 2ND SECTION -**FRIDAY NOON** FOR ALL **DISPLAY ADS AND AUCTIONS** AND **10 A.M. FOR CLASSIFIED DISPLAY ADS**

Grass & Grain, December 20, 2016 Angus Foundation raises \$36,000 in Las Vegas

Five exclusive, once-ina-lifetime experiences auctioned as part of the Angus Finals Sale hosted by the Angus Hall of Fame and Angus Live.

Generous Angus Foundation supporters raised more than \$36,000 for Angus youth, education and research efforts at the Angus Finals Sale Dec. 4 in Las Vegas, Nev.

'Christmastime is about giving, and the Angus Foundation supporters were giving with abundant generosity at this event," says Milford Jenkins, Angus Foundation president. "These funds will give Angus Foundation youth, education and research efforts a jumpstart as 2017 begins."

The Angus Foundation was invited to participate in the auction by the Angus Hall of Fame and Angus Live. The Angus Foundation offered five exclusive, once-in-a-lifetime experiences at auction:

Kiawah Island — Four day, three-night stay for two



age for \$3,500. Country Music Association (CMA) Awards - Package includes two-night stay at the Renaissance Nashville or similar property; two 200 level tickets to the annual CMA Awards in Nashville, Tenn., in November 2017; two passes to the Country Late Night After Party; and round-trip coach airfare for two to Nashville. Terry Baily and James Butler, High Roller Angus, Center, Texas, initially purchased this package for \$6,500 and donated it back to the Angus Foundation to resell. It was bought a second time by Bobby Cox, Cox Ranch, Peaster, Texas,

for \$7,000, and they also donated it back for selling a third time. The final buyer was Lance Fenton, Lazy F Ranch, Tyler, Texas, for \$5,500. This package alone garnered \$19.000

A Night With Eli Manning - Package includes two tickets to event honoring New York Giants football legend Eli Manning in New York City in May or June 2017 (date to be announced); professional photograph with Eli Manning at the event; hand-signed Eli Manning memorabilia; open bar, food and Q&A session. Once again, Terry Baily and James Butler, High Roller Angus, Center, Texas, were the buyers for \$3,000.

Silver Oak Wine Experience — Package includes

entral

two tickets to attend Silver Oak Winery's acclaimed release party at their Napa Valley winery in Oakville, Calif.; one bottle of Napa Valley cabernet sauvignon with custom etching; three day, two-night stay at the Westin Verasa Resort in Napa; and round-trip ground transportation to and from the party. Tim and Marilyn Callison, EZ Angus Ranch, Porterville, Calif. purchased this package for \$5.750

New York Yankees Ulti mate Batting Practice Expe rience - Package include two people receiving admis sion to the New York Yan kees field during pre-gam batting practice during 2017 season game; two 20 level game tickets; a game

811 N. Main St. South Hutchinson, Ks

www.centrallivestockks.com

Office: 620-662-3371 or Matt Hoffman (Owner): 620-727-0913

Hay Auction- Every Tuesday at 9:00 a.m. Cattle Auction- Every Tuesday at 10:00 a.m. Hog/Sheep/Goat Auction- Every 3rd Saturday used base delivered during the game; round-trip car service to and from Yankee Stadium; and dinner for two at the Bowery Meat Co. Tony Mayes, ZWT Ranch, Speedwell, Tenn., purchased this package for \$5,000.

"These experiences will be terrific adventures for these Angus breeders," Jenkins says. "The Angus Foundation is thrilled to be able to provide these exclusive experiences at auction."

The next opportunity to support the Angus Foundation will be at the National Western Stock Show (NWSS) Angus Bull Sale Jan. 11, 2017, in Denver, Colo. Visit www.angus.org for more information.

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		IVESTOCK 81 Belleville, Kar	
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		n very icy, slick ance of buyers	
675-750 751-900 974	TEERS 127.00-133.00 126.00-135.00 128.00	HEIFE 585-700 710-830 840	RS 120.00-130.00 120.00-130.00 128.00
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	Wednesda	END Cattle 19, Dec. 28	
Good Ti		shter Cows hups Bring	Tuesday
30 F-1 blkw 8; 19 Red A	rf, 1200 lb. hfrs, Angus, 1100 lb.	Al Connealy Stin hfrs, Feb. 15; 15 ows, 3 yrs; 40 bl	g Ray, Feb. Red Angus
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- 600; 23 blk,	600-700; 58 Ch	00; 10 redwf blkv ar blk strs, 750-8	50: 50 Char
blk strs & l	hfrs, 450-550; 17	7 blk, 700-800; 7 ; 25 CharX, 550-	0 Char Red
600-750; 25	blk strs, 750-850); 25 blk red strs,	
	750; 50 blk, 675		
CONSIG	IN NOW! WI	LL BE GOOI	D SALE!
For	Market Reports	s, and Early Listi	ings
N N	Vebsite: Bel	leville81.co	m 🖌
Barry &	•)wners • 785-5	27-2258
1	Thanks for y	our business!	1.1.1
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Holton	Livestoc	k Exchang	je, Inc.
		on, KS on 16 Higi	
Livestock	Auction eve	ry Tuesday a	t 12 NOON
		stock Industry	
****ST	ARTING TIN	IE: 12:00 NO	ON****
MARKET R		ESDAY, DECEMBI	ER 13, 2016
STE		1265 CATTLE	ERS
2 bwf rwf bulls	275@180.00	2 blk hfrs	365@157.50
5 blk char bulls 7 bwf rwf strs	351@172.00 379@170.00	2 blk bwf hfrs 4 blk hfrs	360@147.50 361@145.00
7 blk bwf strs	408@168.00	8 bwf rwf hfrs	481@142.50
17 bwf rwf strs 5 bwf rwf strs	479@163.50 422@157.50	8 blk hfrs 9 bwf rwf hfrs	346@142.00 387@141.50
7 blk strs	548@151.00	4 blk bwf hfrs	475@135.50
6 blk males 9 blk bwf strs	546@149.00 573@148.00	7 mix hfrs	449@133.00
13 blk bwf strs	510@148.00	4 blk hfrs 67 blk bwf hfrs	501@131.50 799@130.50
11 blk bwf strs 10 blk strs	576@147.00 606@146.00	7 blk hfrs 6 blk gry bfrs	505@130.00
12 blk strs 12 blk strs	553@145.00 605@144.50	6 blk gry hfrs 12 mix hfrs	711@126.50 688@126.50
7 blk strs	618@143.50	7 mix hfrs	781@126.00
5 blk bbf strs	610@142.50	8 blk bwf hfrs	621@125.00



Horse/Tack Auction- Every 1st Saturday Results From Dec. 13th Sale: Steers: Heifers: 300-400 \$159.00-\$185.00 300-400 \$134.00-\$171.00 400-500 \$140.00-\$180.00 400-500 \$115.00-\$146.00 500-600 \$132.00-\$158.00 \$112.00-\$140.50 500-600 600-700 \$126.00-\$140.00 600-700 \$113.00-\$130.00 700-800 \$117.00-\$132.25 700-800 \$110.00-\$127.50 12/20/16- Holstein Special - (One week early due to holidays) 1/7/17- Horse & Tack Sale I/I0/I7- Calf/Yearling Special P.O. Box 267 Eureka, KS 67045 620-583-5008 Office 620-583-7475 Sale Every Thursday at 11:30 a.m. Sharp On Thursday, Dec. 15, we had 1,540 head of cattle on an active market STEERS 14 blk 753@129.25 110 bkred 957@129.00 11 bkbwf 424@168.50 2 blk 325@166.00 10 blk 649@129.00 2 redAng. 445@165.00 12 blk 773@128.25 5 bkbwf 413@163.50 22 bkbwf 731@128.00 27 blk 53 bkbwf 520@155 50 7 bkred 816@128.00 10 blk 15 bkbwf 504@154.00 5 bkGrey 877@127.50 497@150.50 12 bkbwf 940@125.50 5 blk 8 blk 593@140.50 6 wfbwf 623@125.00 887@125.00 12 bkbwf 605@140.00 10 blk 6 wf HEIFERS 69 bkbwf 626@139.00 7 bkbwf 416@150.00 6 blk 606@136.00 9 blk 10 bkred 426@148.00

Eureka Livestock Sale

16 bkbwf 704@129.00 18 bkbwf 633@128.00 25 bkbwf 573@127.00 6 bkred 794@127.00 778@126.75 684@125.50 20 bkbwfrbf 658@125.00 47 bkbwf 637@125.00 10 bkbwf 573@124.50 614@123.00 8 bkbwf 949@121.50 668@120.00 7 redAng. 646@133.75 604@118.00 8 red 36 bkbwf 504@142.00 8 blk 684@131.00 BULLS 13 blk 872@130.50 10 bkbwf 553@132.00 4 bkChar 499@138.00

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

Fax: 316-320-7159

Market Report - Sale Date 12-15-16. Head count: 556.

300-400 lb. steers, \$110-\$171; heifers, \$110-\$167; 400-500 lb. steers, \$110-\$164.50; heifers, \$105-\$144.50; 500-600 lb. steers, \$105-\$156; heifers, \$100-\$136.50; 600-700 lb. steers, \$105-\$143; heifers, \$100-\$121; 700-800 lb. steers, \$105-\$128. Trend on Calves: Choice steer calves, steady to \$5 higher: Choice heifer calves, \$10 higher. Trend on Feeder Cattle: Not enough feeder steers or heifers for a market test. Butcher Cows: High dressing cows: \$52.50-\$61; Avg. dressing cows: \$40-\$52.50; Low dressing cows: \$30-\$40. Stock Cows: Bred cows \$700-\$1,325; Cow/Calf Pairs: \$900-\$1,700. Butcher Bulls: Avg. to high dressing bulls \$65-\$83. Trend on Cows & Bulls: Butcher cows, \$5-\$8 higher: Butcher bulls. \$5 higher.

We will be closed 12.22 & 12.29.

Y'all take this time to Enjoy family & Friends & always remember the reason for this season. The folks here at El Dorado Livestock Auction want to wish y'all a Very Merry Christmas & Happy New Year.

We will be having a special Cow Sale on January 12th so we hope to see you there!!!

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

Chris Locke	Steven Hamlin
(316) 320-1005 (H)	(602) 402-6008 (H)
(316) 322-0675 (M)	(620) 222-1199 (M)
Larry Womacks, Fieldman	Van Schmidt, Fieldman
(620) 394-3273 (H)	(620) 367-2331 (H)
(620) 229-0076 (M)	(620) 345-6879 (M)
Cattle Sale Every	Thursday 11:00 AM

14 redblk		17 bkbwf	550@130.50 904@129.00		-33 @ 130.00
Butcher	[•] Cows: \$35-\$7 [•] Bulls: \$65-\$83 ows: \$450-\$1,34	3.50, mo	stly \$72-\$76	6, very acti	
	COWS		2 blk		113@58.50
2 hll	1000	00 3C 00	9 hkhwf	1	091@E7 E0

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1228@76.00	8 bkbwf	1084@57.50
1423@71.00	2 Char	1813@57.50
1330@71.00		BULLS
1295@67.00	1 blk	1395@83.50
1395@66.00	1 blk	1870@78.50
1353@61.00	1 blk	1880@78.00
1095@59.50	1 Char	1960@76.00
1335@59.50		
	1330@71.00 1295@67.00 1395@66.00 1353@61.00 1095@59.50	1423@71.00 2 Char 1330@71.00 1295@67.00 1 blk 1395@66.00 1 blk 1353@61.00 1 blk 1095@59.50 1 Char

NO SALE DECEMBER 22nd! Merry Christmas!

WE WILL HAVE A SALE ON DEC. 29 500 blk bwf rbf Char-x strs & hfrs, 500-850 lbs, weaned & vac

200 mix packer cows & bulls. Be a good time to sell some packer cows & bulls!

We appreciate your business!

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

	070 @ 107.00	0.0111.0111.1110	0000.12.1.00
11 mix strs	793@134.25	7 blk hfrs	589@124.00
14 blk strs	679@134.00	10 blk bwf hfrs	581@124.00
17 blk red strs	709@133.75	11 blk bwf hfrs	578@124.00
10 blk strs	702@132.00	7 blk red hfrs	650@122.50
52 blk strs	836@132.00	3 blk bwf hfrs	835@122.00
6 blk strs	738@130.00	4 blk bwf hfrs	720@122.00
11 blk strs	911@129.75	5 blk hfrs	565@122.00
6 blk strs	868@127.00	6 blk bwf hfrs	649@122.00
7 blk gry strs	911@127.00	18 blk red hfrs	639@121.25
10 blk strs	674@126.50	5 blk hfrs	607@120.75
10 mix bulls	726@121.50	5 blk bwf hfrs	762@120.50
5 blk bulls	834@110.00	5 blk hfrs	588@120.50
2 hols x strs	810@104.00	5 blk red hfrs	561@120.50
2 hols x strs	817@91.00	6 blk bwf hfrs	565@119.00
7 hols strs	503@75.50	6 blk hfrs	672@118.50
4 hols strs	626@70.00	5 herf hfrs	635@113.50
6 hols strs	770@69.00	0 11011 11115	000@110.00

631@141.50

640@139.00

640@137.00

8 blk strs

blk strs

7 blk char strs

14 blk bwf hfrs

5 blk red hfrs

6 blk bwf hfrs

647@124.50

562@124.00

530@124.00

DECEMBER 20--REGULAR WEEKLY AUCTION--12 NOON DECEMBER 27--CLOSED FOR HOLIDAYS--NO AUCTION

JANUARY 3--REGULAR WEEKLY AUCTION--12 NOON

JANUARY 10--SPECIAL CALF & YEARLING AUCTION--12 NOON

JANUARY 20--SPECIAL COW & BULL AUCTION--6 P.M.

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

Grass & Grain, December 20, 2016 Page 30 Meeting planned for water users in upper Republican River basin

State and local water officials will host an informational meeting and discussion forum for water users and others interested in the water supply of the South Fork Republican River. The meeting will

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take place at 1:00 p.m. CST on Wednesday, Jan. 4, 2017, at the Chevenne County 4-H building at the fairgrounds on N. College Street, St. Francis.

The Kansas Department of Agriculture and the Kan-

Water aris a my EMPORIA Ivestock sale co SALE EVERY WEDNESDAY IN EMPORIA, KANSAS AT 11:00 AM 620-342-2425 or 800-835-7803 toll-free · Fax: 620-342-7741 Date: 12/14/16 Total head count: 1,392. COWS: \$54-61.00; \$48-53.75; \$47 & down. BULLS: \$71-77.00 117.00 165.00 2159.00 2151.00 32155.00 320151.50 380150.50 2220150.50 6820146.00 3360144.00 53602144.00 58602144.00 58602144.00 57802134.50 60520141.00 -7134.25 BULLCALVES 49 blk bwf 1027@117.00 STEERS 4 mix 448@160.00 HEIFERS 5 blk brf 384@141.00 4 mix 7 blk blkbwf 411@153.00 4 blk 4 blk 449@142.00 4 blk 9 blk bwf 427@141.00 4 blk 5 blk 451@139.00 18 blk 430@136.00 12 mix 1 blk blk 453@130.50 22 blk mix 489@125.00 7 mix 16 blk 513@136.00 7 mix 4 blk 523@134.00 6 blk 553@127.00 5 blk bw 4 blk 605@141.00 665@134.25 6 blk bw 509@126.00 6 blk 10 blk 565@125.50 27 blk 665@134.25 637@134.00 659@130.00 5 blk 528@125.00 6 blk 573@124.00 561@123.50 11 blk bwf 8 mix 676@130.00 16 mi 8 blk 13 blk 595@123.50 8 blk 674@126.50 654@125.00 6 blk 532@119.50 5 blk 13 blk 608@125.00 7 blk 700@135.00 648@124.50 13 blk 32 blk 748@132.25 and a start of the 650@122.00 17 mix 760@131.75 10 blk 731@131.50 774@131.50 5 blk 634@121.50 6 blk 602@120.00 9 mix 10 mix 738@130.25 655@112.00 14 mix 4 mix 60 blk bwf 783@128.85 11 blk 707@130.00 771@128.50 8 blk 771@128.00 85 mix 51 blk bwf 775@126.50 836@132.85 77 blk 9 blk 795@126.50 7 mix 867@129.25 835@127.50 Ì 23 mix 733@126.00 52 mix 53 mix 779@125.75 10 blk bwf 878@126.00 707@125.50 826@124.50 10 blk 4 blk 905@128.25 942@125.00 796@125.25 17 blk 8 mix 8 blk 701@123.50 92 mix 989@124.50 6 mix 732@122.50 25 mix 739@121.25 7 blk 1041@115.75 8 mix 8 blk 874@118.50 **CONSIGNMENTS FOR DEC. 21** 110 blk red & char strs, 950-1000 lbs **EARLY CONSIGNMENTS FOR JAN. 04** 55 blk & red strs & hfrs. long time weaned, 600-700 lbs 25 red Angus x hfrs, 700-800 lbs 58 red Angusx strs, 700-850 lbs JAN. 18; ANNUAL ANNIVERSARY SALE! 78 blk & bwf strs & hfrs, 75 days weaned, 500-700 lbs THANK YOU FOR ALL OF YOUR CONTINUED SUPPORT! YOUR BUSINESS ALWAYS APPRECIATED! For Cattle Appraisals Call: BRODY PEAK, 620-343-5107 GLENN UNRUH, 620-341-0607 LYLE WILLIAMS, Field Representative, 785-229-5457 WIBW 580 - 6:45 A.M. Thurs; KVOE 1400 - 6:30-6:45 A.M. Thurs. & Fri.

J				SALES I N • Cattle 12:30		Į,
	Report f	rom Dec	emb	oer 14, 2016:		<u></u>
	STEERS		10	596	123.00	I.
5	339	176.00	11	607	122.00	4
4	369	173.00	6	905	122.00	
5	395	166.00	9	700	119.00	4
8	488	158.00				. 7
4	620	143.00		TOP BUTCHER		
30	763	138.75		\$66.50 @ 1,770	lbs.	C K
1.0						

emporialivestock.com

sas Water Office will share information about the resolutions reached between Kansas, Colorado and Nebraska this year. Stakeholders are encouraged to attend and provide input to state water officials charged with administering the Republican River

Jan. 9, 2017, is the dead-

line to submit applications

Future of Water Supply in Kansas includes a focus to represent Kansas in interstate water issues in order to best serve Kansas and its citizens.

"We want to hear from water users in the area as we continue to represent

ty to experience all aspects

of the beef industry first-

Compact. The Vision for the their needs in these interstate issues," said Secretary of Agriculture Jackie McClaskey. "This long-term agreement reached by the three states will provide flexibility and greater certainty to all water users in this region."

For more information on

Angus leaders: apply for Young Cattlemen's Conference Angus breeders to apply light for him was interacting and take advantage of this with legislators in Washing-

The Angus Foundation's

sponsorship covers travel

costs and registration fees

for one attendee. Applicants

must be between 25-50 years

old and must also be an

procurement manager for

Genex CRI, Economy, Ind.,

represented the Angus

Foundation during the 2016

YCC and says that the high-

registration, and also offers

a flat-fee conference travel

stipend of \$150. Both awards

are available on a first-

come, first-served basis. The

deadline for application is

Jan. 6, 2017. Recipients will

be required to attend the

conference and to complete

surveys before, immedi-

ately after and six months

post-conference prior to

possible by a U.S. Depart-

ment of Agriculture Spe-

cialty Crop Block Grant. The

SCBG grant makes funds

available to state depart-

ments of agriculture solely

to enhance the competitive-

ness of specialty crops. Ac-

cording to USDA, specialty

crops are defined as "fruits,

This program is made

payment being issued.

Cody Sankey, beef sire

NCBA member.

"It was interesting to see how things work; who's making the laws," he adds. "The feedyards and packing facilities were awesome, but getting to go to Washington, D.C. isn't something you get to do every day."

For more information on YCC, the Angus Foundation or a list of previous Angus YCC participants, visit www. angusfoundation.org.

to be selected as the Angus hand. Attendees participate opportunity available to our ton, D.C. Foundation-sponsored repin a nationwide tour of the American Angus Associaresentative to the YCC. beef production chain from tion members.'

2017 will be the 16th year the ranch to the packing that the Angus Foundation plant, through marketing will sponsor a young Angus and regulatory affairs, and leader to attend the Nationending at consumer foodseral Cattlemen's Beef Assovice. ciation (NCBA) Young Cat-"The Angus Foundation tlemen's Conference (YCC). is proud to sponsor one The application deadline is young leader to represent Jan. 9, 2017, and the applithe Angus breed at this

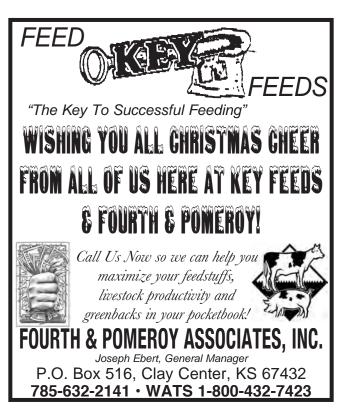
cation can be found on the prestigious event," says Mil-Angus Foundation website. ford Jenkins, Angus Foun-The YCC offers young dation president. "We enleaders a unique opportunicourage progressive young

KDA offers reimbursement to specialty crop growers Great Plains Growers Conup to \$145 for conference

The Kansas Department of Agriculture has funds available for reimbursement to Kansas specialty crop growers who attend the

ference held in St. Joseph, Missouri, Jan. 12-14, 2017.

KDA will reimburse Kansas specialty crop growers



ALES I • Cattle 12:30		Live	CLAY ESTOCK			NC.	
er 14, 2016:		<u> </u>	0	attle sales Tue	esday, 1	1:00 AM.	
596 607	123.00 122.00	A .	Rep	oort from De	cembe	r 13, 2016	:
905	122.00	l]	STEE	RS	7	643	128.25
700	119.00	4	441	169.00	3	778	123.50
TOP BUTCHER	COW	7	499	159.00	10	740	121.25
\$66.50 @ 1,770		5	563	150.00	Тс	op Butche	r Cow:
TOP BUTCHER		693	141.00	\$6	7.00 @ 1,8	805 lbs.	

vegetables, tree nuts, dried fruits, horticulture and nursery crops, including floriculture." This grant fits the vision

of KDA to provide an environment that enhances and encourages economic growth of the agriculture industry and the Kansas economy.

More information about the Great Plains Growers Conference can be found at www.greatplainsgrowersconference.org.

For application details, go to the KDA website at agriculture.ks.gov/grants. Questions should be directed to Robin Blume, KDA education and events coordinator, at 785-564-6756 or robin.blume@ks.gov.



Selling 85 Heifer Calf Pairs Consisting of old Hfr's w/1 old Hfr's month old ca 2month old calves; "5" Char 2yr old Hfr's w/1-2 month old calves; (All 85 calves are sired by Brangus Bulls) Selling Cow/Calf Pairs: "110" Blk-Bwf 3-8yr old Cows w/1-2 month old calves (The calves are sired by Blk Angus & Hereford Bulls) Selling 900+ Bred Cows consisting of: "250" Blk-Bwf 3-4yr old Cows and "660" Blk-Bwf 5-8yr old Cows (All Cows are bred Blk Angus & Hereford Bulls, All Cows start calving Feb. 1st) Kingsville Livestock Barn Vet- Eric Zuk will do the following: 1. All Cows & Hfr's will be aged and preg tested. 2. All Cows & Hfr's will get all shots, wormed and poured as they go through the chute, so when the you as Buyers get them home all the work has been done for you to turn them out. 3. Calves will have their 1st round of shots as well Auctioneer Note: 1. All Cows & Bred Hfr's have been running on fescue grass, and have been working and raising calves 2. We will sell cattle in drafts of 5 to 10 head with the option to take up to a pot Load at a time. Sale Order: Cow/Calf Pairs, Bred Hfr's then Bred Cows ** Every Cow and Bred Hfr that sells Friday, Dec. 30th will sell to the "Highest Bidder". Make plans to be here if you are in the need of Cows, Hfr's or Pairs. **All Consignments Welcome** Kingsville Livestock Auction Rick, Jeremy or Jared Anstine-816.597.3331 www.anstineauctions.com Email anstineauctions@earthlink.net

the meeting, please contact Chris Beightel at the KDA Division of Water Resources, at 785-564-6659 or Chris. Beightel@ks.gov. To read more about the Republican River Compact, go to agriculture.ks.gov/Republican-River.

18	856	138.00	TOP BUTCH		· •	2	693	141.00	φ07.	.cd @ 1,805 lbs.
32 12	925 891	137.25 134.50	\$78.50 @ 1		- 0	4	731	136.00	Тор	b Butcher Bull:
12 24	952	134.50	BRED COWS: \$1			6	858	134.00		00 @ 1,765 lbs.
	HEIFERS	100.00	PAIRS: \$1,57	. ,		3	850	131.50		Bred Cows:
7	400	157.00	FAT HOG T		- () - :	36 Hol		71.75	I	NO TEST
6	468	133.00	271 lbs. @	•	- K		HEIFEF	RS		NO TEST
3	488	130.50	SOWS: \$17.50	0 to \$20.50	11	5	280	172.00	E	Bred Heifers:
6	539	127.75			1	5	371	150.00	\$1	,375 to \$1,600
No	Sala Daa	21 dua +	o Christmas I	Holiday	\mathbf{V}	5	442	137.00	Pairs:	\$1,450 to \$1,500
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Page 32 Grass & Grain, December 20, 2016 Moser Ranch bull sale strong, despite market fluctuations

The Moser Ranch's 25th bull sale began on a beautiful fall day, Nov. 12, 2016, with a customer appreciation lunch, followed by a salute to veterans, recognition of 25 year buyers Double B Ranch, KS, and Jim Booth and Lennie McDonald, Geyser, Mont., singing our National Anthem. Then it was on to business where it soon became apparent that customers have grown to appreciate what the Moser family offers, especially in uncertain times. Prices for their cattle and calves had fallen by 20% or more in the last

year, so it was heartening to watch longtime customers bid as high as \$9,000 for the kind of commercial bulls they know are building a future for their herds. Many remarked on the consistent quality of the offering, yet the pricing varied with interest in particular lines or features to allow for a wide enough range to fit every budget. The 101 bulls averaged \$4,125, certainly off the mark from last years, but clearly demonstrating the common ground in the beef business. Our fortunes are linked as we all work on

building a better future for our families, our industry and our country.

The high-selling lot in 2016 sold to Teter Farms, Beverly, W.V. Lot 9, a ½ Sim x ½ Angus fall bull sired by MSR Tenacity 3733A, and out of a Connealy Final Product x Power Drive SimAngus cow, commanded \$9,000 in a phone bidding contest between repeat customers Zach Teter and Matt Homandberg, Hudson, S.D. High-selling honors in the Angus division and second high-seller for the day went to Lot 41, a Basin Pav-

weight son. Repeat customer Porter5 Farms, Inc., Little River, KS, had the final bid on this powerful calf at \$6750. Twenty-one year customers Bob, Barry & Jessa Jones, Frankfort, purchased the high-selling Simmental bull, lot 71, for \$\$6250. He was a Welshs Dew It Right son. A pair of SimAngus bulls sold for \$6500, Lot 1, a W/C Lockdown son going to repeat customer Dakota Vandevord, Scranton, and the other, Lot 15, a CCR Frontier son, going to repeat customers Greg & Terri Young, Holton, Lot 43, an

SAV Angus Valley son out of a Final Answer x GAR USPB x RR Bando 5204 female, sold to repeat customer Larry Amon, KS. The maiority of the offering settled in and sold between \$3750 and \$6500. The high-selling sire group was the MSR Tenacity 3733A sons, with ten head averaging \$5000 each.

Eighteen Angus bulls averaged \$4147, 66 SimAngus bulls averaged \$4307, and 17 Simmental bulls averaged \$3575, for an overall average of \$4125 on 101 head. 85% of the bulls went to repeat customers. Volume buyers

were: Josefiak Farms, Ks.; J6 Enterprises, LLC, KS-4 head each. Buyers of 3 bulls for their operations included: Jim Booth: Scott Farwell. Neb.; Bob, Barry & Jessa Jones, Ks.; Marten Farms, Ks.; Daniel Miller, Ks.; Perry Ranch, Ks.; Porter5 Farms, Inc., Ks.; Mr. & Mrs. Leland Shire, Ks.; Dustin Strathman, Ks.; and Galen Weaver, Texas. Nearly 100 bidders and buyers from nine states were represented on sale day. Bulls sold into Kansas, Nebraska, Texas, North Dakota, Indiana and Oklahoma.

Seven tips to prepare for silage feedout

Now that corn harvest is complete, producers hopefully can look forward to having quality silage that is stable and well protected. The next steps are to monitor and maintain the integrity of the plastic covering (or bag silos, or bale wrap) and manage feedout to prevent heating and spoilage.

'Aerobic spoilage is one of the main causes of losses in silage production," explains Bob Charley, Ph.D., Forage Products Manager, Lallemand Animal Nutrition. "The enemy of high-quality silage is oxygen, and opening new silage for feedout re-introduces oxygen into the silage mass. Even if producers have done everything right up to this point, there can still be significant losses at feedout without proper management practices."

During feedout, exposure to oxygen allows spoilage yeasts to become active again, which then starts the process of aerobic spoilage, causing the silage to heat, driving dry matter and nutrient losses and potentially leading to mold growth, severe spoilage and mycotoxin production. Losses can be as high as 30 to 40 percent of silage dry matter (DM),1 and the most highly digestible forage nutrients are lost first.

To help prevent these losses, producers should use best feedout management practices, such as:

1. Avoid removing the plastic cover too far ahead of feeding;

- 2. Keep the face as flat and tight as possible;
- 3. Feed out at a rate fast enough to avoid heating;

4. Do not leave silage sitting in loose piles to compost; 5. Minimize time between taking silage from the face and

mixing in the ration;

7 blk strs/bulls

2 blk bulls

1 blk str

3 wf strs

- 6. Discard all spoiled or moldy silage; and
- 7. Use an inoculant that is research-proven to prevent

3 blk strs

4 blk strs

15 blk strs

64 blk/bwf strs

451 @ 163.50

425 @ 160.00

465 @ 158.00

450 @ 156.00

heating and spoilage at ensiling

Using an inoculant containing the high dose-rate Lactobacillus buchneri 40788 can help improve the aerobic stability of silage. Silage inoculated with L. buchneri 40788 will be more resistant to heating and spoilage by reducing yeast levels, which are the main drivers of instability. L. buchneri 40788, applied at 400,000 CFU per gram of silage or 600,000 CFU per gram of high-moisture corn (HMC), is the only inoculant bacteria strain reviewed by the FDA and allowed to claim improved aerobic stability.

"Using these strategies as part of your overall silage management program can help minimize yeast growth and help you to retain more valuable nutrients for feeding and help increase profitability," Dr. Charley says.



ATTENTION: ADVERTISING DEADLINE CHANGE DUE TO THE CHRISTMAS HOLIDAY, OUR **DEADLINE FOR ALL CLASSIFIED AND DISPLAY ADS FOR THE DECEMBER 27th EDITION** WILL BE: WEDNESDAY, DECEMBER 21st, **ABSOLUTELY NO LATER THAN 12:00** NOON Thank you for your cooperation! WISHING EVERYONE A VERY

MERRY CHRISTMAS FROM ALL OF us here at grass & grain!



STOCKER & FEEDER HEIFERS

559 @ 139.50

551 @ 138.50

638 @ 135.60

584 @ 135 50

19 blk hfrs

4 blk/bwf hfrs

27 blk/bwf hfrs

hlk/hwf hfrs

828 @ 135.50

643 @ 135.25

713 @ 135.00

859 @ 134.50

8 x-bred bulls 2 blk strs 3 blk/bwf strs	362 @ 150.00 538 @ 146.50 547 @ 143.00	3 blk/char strs 5 x-bred strs 13 blk/char strs 3 x-bred strs	753 @ 134.25 955 @ 134.25 726 @ 134.00 608 @ 133.00	9 blk hfrs 15 blk hfrs 140 blk/bwf hfrs	637 @ 135.50 646 @ 134.25 692 @ 133.10	1 blk cow 1 blk cow 1 blk cow	955 @ 63.00 1380 @ 59.00 1445 @ 59.00	CONSIGNMENTS FOR DECEMBER 20: • 85 blk strs, 600-625 lbs., 60 days weaned, vacc.,
9 x-bred bulls 2 blk bulls 7 x-bred bulls 2 blk bulls	346 @ 141.00 490 @ 140.00 337 @ 137.50 523 @ 127.00	7 blk/bwf strs 16 blk/red strs 22 blk strs 10 blk/red strs	921 @ 131.50 992 @ 129.75 683 @ 129.25 676 @ 129.00	18 blk hfrs 10 blk hfrs 5 blk/bwf hfrs 5 blk/bwf hfrs	607 @ 132.75 708 @ 132.50 558 @ 131.00 574 @ 131.00	2 blk cows 1 bwf cow 1 blk cow 4 blk cows	1083 @ 58.50 1690 @ 58.00 1685 @ 57.50 1651 @ 57.00	 pi neg 37 blk strs & hfrs, 500-600 lbs., weaned, vacc. 60 black steers, 925-950 lbs. 61 blk crossbred steers, 900-925 lbs.
STOCKER & FE 7 blk/red strs 11 blk/bwf strs 10 blk/bwf strs 10 blk/bwf strs 19 blk/bwf strs	555 @ 149.50 578 @ 144.00 557 @ 141.00 824 @ 140.00 660 @ 139.75	5 blk/red strs 4 blk strs 7 mix strs 63 blk/char strs 4 blk strs 6 blk strs HEIFER C	680 @ 127.50 890 @ 127.50 581 @ 127.50 921 @ 127.25 939 @ 124.00 993 @ 124.00	14 blk/bwf hfrs 4 blk/bwf hfrs 6 blk/bwf hfrs 6 blk/bwf hfrs 26 blk/bwf hfrs 61 blk hfrs 4 blk hfrs	663 @ 131.00 593 @ 130.00 635 @ 130.00 760 @ 130.00 721 @ 129.75 838 @ 129.50 714 @ 128.00	1 blk cow 1 blk cow 1 sim cow 1 bwf cow 1 blk cow 1 blk cow 1 blk cow	1370 @ 56.50 1700 @ 56.00 1730 @ 55.00 1530 @ 53.00 1380 @ 52.50 1280 @ 52.00 1125 @ 51.00	 120 black Char steers, 850-875 lbs. 62 Angus Char strs, 850-875 lbs., Mill Brae sired 60 black Char steers, 875-900 lbs. 525 blk Char red steers, 750-850 lbs. PLUS MORE BY SALE TIME!
12 blk/char strs 15 blk/bwf strs 11 blk strs 42 blk/bwf strs 25 x-bred strs 4 mix strs 11 blk strs 22 blk strs	725 @ 139.75 742 @ 139.75 625 @ 139.50 589 @ 139.00 760 @ 138.60 560 @ 138.00 598 @ 138.00 633 @ 137.60	1 blk hfr 5 blk hfrs 1 blk hfr 7 blk/bwf hfrs 15 blk/red hfrs 10 blk/bwf hfrs 1 sim hfr	235 @ 157.00 455 @ 146.50 310 @ 146.00 509 @ 145.50 504 @ 145.00 516 @ 144.00 395 @ 143.00	5 blk/bwf hfrs 6 blk/char hfrs 6 blk/char hfrs 69 blk/red hfrs	780 @ 127.50 585 @ 127.00 639 @ 127.00 767 @ 126.10 HOUR AU DVAuct		1505 @ 50.00 1455 @ 49.50 1320 @ 49.00 1185 @ 48.00 S LIVE ON	We will have a Sale DECEMBER 27! CONSIGNMENTS FOR DECEMBER 20: • 65 black Char steers, 725-750 lbs. PLUS MORE BY SALE TIME!

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

FOR INFORMATION OR ESTIMATES

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LELAND BAILEY TOPEKA, 785-286-1107 ST. MARYS, 785-437-6349 LYNN REZAC ST. MARYS, 785-456-4943 MELVERN, 785-224-6765 REX ARB

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

Website: www.rezaclivestock.com AUCTIONEERS: DENNIS REZAC & REX ARB



COWS & HEIFERETTES

1155 @ 106.00

845 @ 88.00

1220 @ 64.00

1 blk hfrt

1 blk hfrt

1 blk cow

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

1 blk bull

@ 1090.00

@ 1060.00

1 blk cow

1 blk cow

1265 @ 62.50